User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 09:26:45

Sample: AE06760
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/21/02 09:14 Ended: 4/16/02 09:14 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		9.26		2.0
2	bis(2-Chloroethyl)ether		14.14		2.0
3	1,3-Dichlorobenzene		13.15		2.0
4	1,4-Dichlorobenzene		12.23		2.0
5	1,2-Dichlorobenzene		13.57		2.0
6	2,2-oxybis(1-Chloropropane)		18.02		2.0
7	n-Nitrosodi-n-propylamine		15.89		2.0
8	Hexachloroethane		10.18		2.0
9	Nitrobenzene		12.91		2.0
10	Isophorone		16.41		2.0
11	bis(2-Chloroethoxy)methane		15.46		2.0
12	1,2,4-Trichlorobenzene		13.68		2.0
13	Naphthalene		17.39		2.0
14	Hexachlorobutadiene		10.81		2.0
15	2-Chloronaphthalene		17.73		2.0
16	Dimethylphthalate		18.51		2.0
17	2,6-Dinitrotoluene		14.93		2.0
18	Acenaphthylene		15.38		2.0
19	Acenaphthene		19.36		2.0
20	2,4-Dinitrotoluene		12.06		2.0
21	Diethylphthalate		21.85		2.0
22	4-Chlorophenylphenylether		16.95		2.0
23	Fluorene		20.27		2.0
24	Azobenzene		17.16		2.0
25	n-Nitrosodiphenylamine		17.29		2.0
26	4-Bromophenylphenylether		17.15		2.0
27	Hexachlorobenzene		19.29		2.0
28	Phenanthrene		19.70		2.0
29	Anthracene		16.39		2.0
30	Di-n-butylphthalate		21.51		2.0
31	Fluoranthene		18.00		2.0
32	Pyrene		19.87		2.0
33	Butylbenzylphthalate		17.97		2.0
34	Benzo(a)anthracene		16.82		2.0
35	bis(2-Ethylhexyl)phthalate		17.97		2.0
36	Chrysene		18.18		2.0
37	Di-n-octylphthalate		14.97		2.0
38	Benzo(b)fluoranthene		17.86		2.0
39	Benzo(k)fluoranthene		19.50		2.0
40	Benzo(a)pyrene		12.90		2.0
41	Indeno(1,2,3-cd)pyrene		11.32		2.0
42	Dibenz(a,h)anthracene		14.75		2.0
43	Benzo(g,h,i)perylene		16.23		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 04/19/2002 Time: 09:26:56

Sample: AE06760
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/21/02 09:14 Ended: 4/16/02 09:14 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		46		2.0
2	bis(2-Chloroethyl)ether		71		2.0
3	1,3-Dichlorobenzene		66		2.0
4	1,4-Dichlorobenzene		61		2.0
5	1,2-Dichlorobenzene		68		2.0
6	2,2-oxybis(1-Chloropropane)		90		2.0
7	n-Nitrosodi-n-propylamine		79		2.0
8	Hexachloroethane		51		2.0
9	Nitrobenzene		65		2.0
10	Isophorone		82		2.0
11	bis(2-Chloroethoxy)methane		77		2.0
12	1,2,4-Trichlorobenzene		68		2.0
13	Naphthalene		87		2.0
14	Hexachlorobutadiene		54		2.0
15	2-Chloronaphthalene		89		2.0
16	Dimethylphthalate		93		2.0
17	2,6-Dinitrotoluene		75		2.0
18	Acenaphthylene		77		2.0
19	Acenaphthene		97		2.0
20	2,4-Dinitrotoluene		60		2.0
21	Diethylphthalate		110		2.0
22	4-Chlorophenylphenylether		85		2.0
23	Fluorene		100		2.0
24	Azobenzene		86		2.0
25	n-Nitrosodiphenylamine		86		2.0
26	4-Bromophenylphenylether		86		2.0
27	Hexachlorobenzene		96		2.0
28	Phenanthrene		98		2.0
29	Anthracene		82		2.0
30	Di-n-butylphthalate		110		2.0
31	Fluoranthene		90		2.0
32	Pyrene		99		2.0
33	Butylbenzylphthalate		90		2.0
34	Benzo(a)anthracene		84		2.0
35	bis(2-Ethylhexyl)phthalate		90		2.0
36	Chrysene		91		2.0
37	Di-n-octylphthalate		75		2.0
38	Benzo(b)fluoranthene		89		2.0
39	Benzo(k)fluoranthene		98		2.0
40	Benzo(a)pyrene		64		2.0
41	Indeno(1,2,3-cd)pyrene		57		2.0
42	Dibenz(a,h)anthracene		74		2.0
43	Benzo(g,h,i)perylene		81		2.0

Data File : C:\MSDCHEM\1\DATA\041602\REFA0416.D Vial: 5
Acq On : 16 Apr 2002 11:54 am Operator: Bohlk
Sample : REF1 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 14:30:55 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	438065	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	1893058	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1043346	40.00	ug/L	0.00
30) Phenanthrene-d10	22.34	188	1491945	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1192829	40.00	ug/L	0.00
45) Perylene-d12	34.01	264	687700	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
38) 2,4-DDD (SURR)	27.27	235	106628	9.60	ug/L	0.00
Spiked Amount 10.000			Recovery =	96.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.51	74	117279m	9.26	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	262659	14.14	ug/L	82
4) 1,3 - Dichlorobenze	9.25	146	199524	13.15	ug/L	98
5) 1,4 - Dichlorobenzene	9.45	146	198669	12.23	ug/L	99
6) 1,2 - Dichlorobenzene	9.83	146	180166	13.57	ug/L	94
7) 2,2 ' - oxybis (1-Chloropr	10.29	45	499349	18.02	ug/L	91
8) N-Nitroso-di-n-propylamine	10.62	70	210436	15.89	ug/L	97
9) Hexachloroethane	10.72	117	73540	10.18	ug/L	96
11) Nitrobenzene	10.96	77	237215	12.91	ug/L	98
12) Isophorone	11.68	82	599773	16.41	ug/L	98
13) bis(2-Chloroethoxy) methan	12.43	93	344776	15.46	ug/L	99
14) 1,2,4-Trichlorobenzene	12.76	180	167500	13.68	ug/L	99
15) Naphthalene	12.94	128	805130	17.39	ug/L	99
16) Hexachlorobutadiene	13.40	225	63828	10.81	ug/L	97
18) Hexachlorocyclopentadiene	15.46	237	7193	1.47	ug/L	73
19) 2-chloronaphthalene	16.36	162	374153	17.73	ug/L	94
20) Dimethylphthalate	17.46	163	555303	18.51	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	87262	14.93	ug/L	94
22) Acenaphthylene	17.54	152	593283	15.38	ug/L	98
23) Acenaphthene	18.07	153	472456	19.36	ug/L	100
24) 2,4-Dinitrotoluene	18.71	165	84925	12.06	ug/L	96
25) Diethylphthalate	19.58	149	544462	21.85	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	233550	16.95	ug/L	99
27) Fluorene	19.61	166	570641	20.27	ug/L	97
29) Azobenzen/ 1,2-Diphenylhyd	20.19	77	743341	17.16	ug/L	94
31) N-Nitrosodiphenylamine	20.12	169	275032	17.29	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	118414	17.15	ug/L	87
33) Hexachlorobenzene	21.19	284	124460	19.29	ug/L	90
34) Phenanthrene	22.40	178	814493	19.70	ug/L	99
35) Anthracene	22.55	178	691098	16.39	ug/L	99
36) Di-n-butylphthalate	24.51	149	1016982	21.51	ug/L	99
37) Fluoranthene	25.90	202	789039	18.00	ug/L	87
40) Pyrene	26.53	202	893614	19.87	ug/L	88
41) Butylbenzylphthalate	28.90	149	373313	17.97	ug/L	89
42) Benzo (a) antracene	30.12	228	611173	16.82	ug/L	98
43) Bis (2-ethylhexyl) phthala	30.77	149	530247	17.97	ug/L	97
44) Chrysene	30.21	228	653638	18.18	ug/L	97

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\041602\REFA0416.D Vial: 5
Acq On : 16 Apr 2002 11:54 am Operator: Bohlk
Sample : REF1 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 14:30:55 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

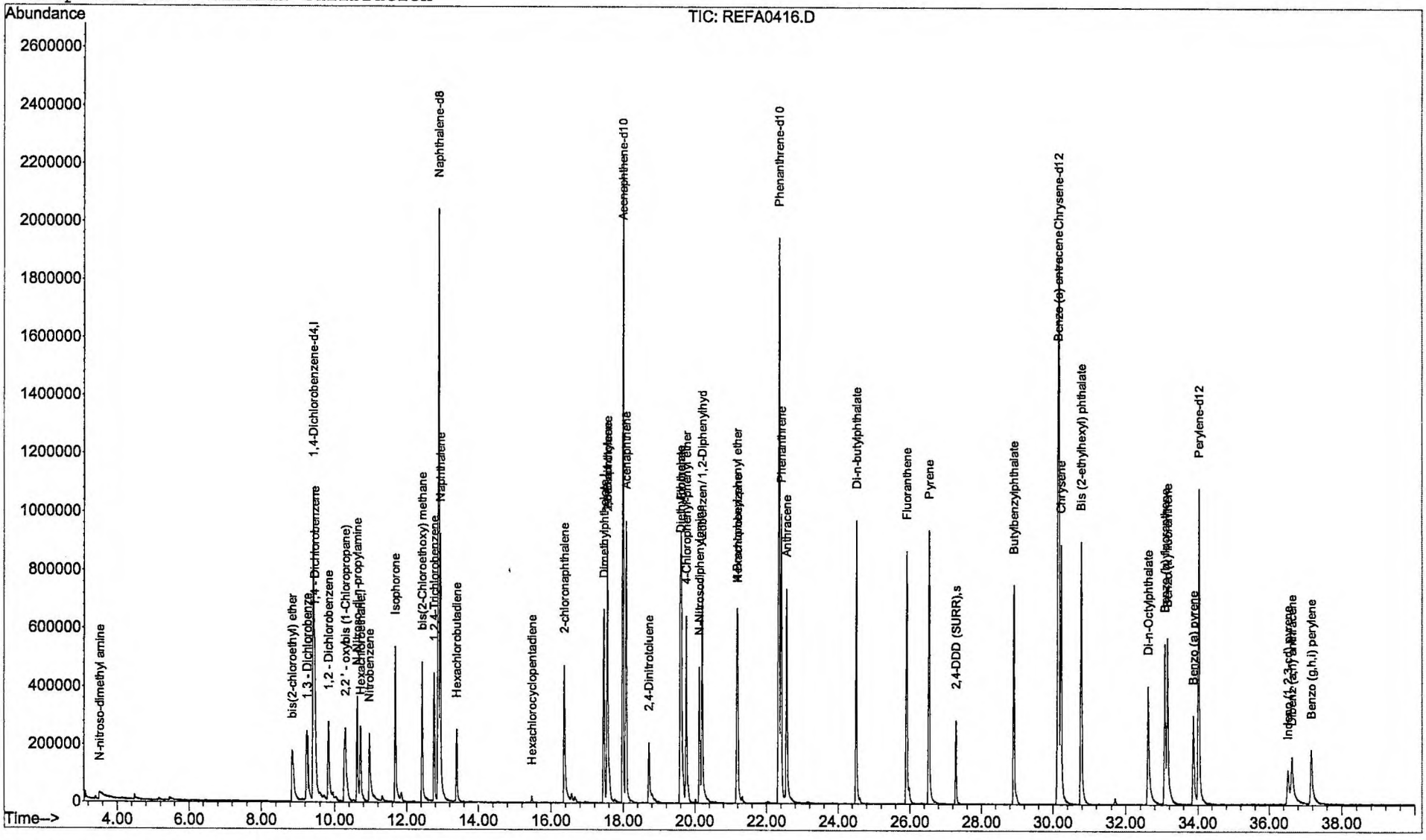
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	32.61	149	640387	14.97 ug/L	100
47) Benzo (b) fluoranthene	33.07	252	473223	17.86 ug/L	93
48) Benzo (k) fluoranthene	33.14	252	585760	19.50 ug/L	92
49) Benzo (a) pyrene	33.86	252	335241	12.90 ug/L	88
50) Indeno (1,2,3-cd) pyrene	36.52	276	154415	11.32 ug/L	79
51) Dibenz (a,h) anthracene	36.62	278	203450	14.75 ug/L	85
52) Benzo (g,h,i) perylene	37.16	276	236108	16.23 ug/L	75

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041602\REFA0416.D Vial: 5
Acq On : 16 Apr 2002 11:54 am Operator: Bohlk
Sample : REF1 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 14:31 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041602\REFB0416.D Vial: 6
Acq On : 16 Apr 2002 12:44 pm Operator: Bohlk
Sample : REF2 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 15:47:02 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	534101	40.00	ug/L	0.00
10) Naphthalene-d8	12.89	136	2278774	40.00	ug/L	0.00
17) Acenaphthene-d10	17.99	164	1283287	40.00	ug/L	0.00
30) Phenanthrene-d10	22.35	188	1823912	40.00	ug/L	0.00
39) Chrysene-d12	30.15	240	1505042	40.00	ug/L	0.00
45) Perylene-d12	34.02	264	937259	40.00	ug/L	0.00
System Monitoring Compounds						
28) TCMX (SURR)	0.00	244	0	0.00	ug/L	
Spiked Amount 10.000			Recovery =	0.00%		
38) 2,4-DDD (SURR)	27.27	235	127188	9.36	ug/L	0.00
Spiked Amount 10.000			Recovery =	93.60%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.50	74	126564m	8.19	ug/L	
3) bis(2-chloroethyl) ether	8.85	93	282371	12.47	ug/L	81
4) 1,3 - Dichlorobenze	9.24	146	195373	10.56	ug/L	97
5) 1,4 - Dichlorobenzene	9.45	146	202961	10.25	ug/L	96
6) 1,2 - Dichlorobenzene	9.83	146	186726	11.53	ug/L	94
7) 2,2 ' - oxybis (1-Chloropr	10.29	45	513051	15.19	ug/L	93
8) N-Nitroso-di-n-propylamine	10.62	70	226235	14.01	ug/L	98
9) Hexachloroethane	10.72	117	71545	8.12	ug/L	91
11) Nitrobenzene	10.96	77	259165	11.72	ug/L	98
12) Isophorone	11.68	82	635926	14.46	ug/L	99
13) bis(2-Chloroethoxy) methan	12.43	93	376598	14.03	ug/L	99
14) 1,2,4-Trichlorobenzene	12.77	180	173194	11.75	ug/L	98
15) Naphthalene	12.94	128	857023	15.38	ug/L	100
16) Hexachlorobutadiene	13.40	225	60089	8.46	ug/L	94
18) Hexachlorocyclopentadiene	15.46	237	7509	1.25	ug/L	79
19) 2-chloronaphthalene	16.36	162	419028	16.14	ug/L	98
20) Dimethylphthalate	17.46	163	633411	17.16	ug/L	99
21) 2,6-Dinitrotoluene	17.56	165	109017	15.16	ug/L	97
22) Acenaphthylene	17.54	152	650961	13.72	ug/L	99
23) Acenaphthene	18.08	153	518300	17.27	ug/L	100
24) 2,4-Dinitrotoluene	18.71	165	111759	12.91	ug/L	98
25) Diethylphthalate	19.58	149	624115	20.37	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.75	204	278379	16.43	ug/L	94
27) Fluorene	19.61	166	646475	18.67	ug/L	95
29) Azobenzen/ 1,2-Diphenylhyd	20.19	77	820618	15.40	ug/L	95
31) N-Nitrosodiphenylamine	20.12	169	321763	16.55	ug/L	98
32) 4-Bromophenyl-phenyl ether	21.17	248	130381	15.45	ug/L	93
33) Hexachlorobenzene	21.19	284	141067	17.88	ug/L	81
34) Phenanthrene	22.40	178	934751	18.49	ug/L	100
35) Anthracene	22.56	178	778119	15.09	ug/L	99
36) Di-n-butylphthalate	24.51	149	1191464	20.61	ug/L	98
37) Fluoranthene	25.90	202	935884	17.46	ug/L	87
40) Pyrene	26.53	202	1047010	18.45	ug/L	89
41) Butylbenzylphthalate	28.90	149	459545	17.53	ug/L	88
42) Benzo (a) antracene	30.12	228	740338	16.15	ug/L	98
43) Bis (2-ethylhexyl) phthala	30.77	149	661444	17.76	ug/L	96
44) Chrysene	30.22	228	789752	17.41	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\041602\REFB0416.D Vial: 6
Acq On : 16 Apr 2002 12:44 pm Operator: Bohlk
Sample : REF2 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 15:47:02 2002 Quant Results File: 5080402BBC.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46)	Di-n-Octylphthalate	32.61	149	835821	14.34 ug/L	99
47)	Benzo (b) fluoranthene	33.07	252	588072	16.29 ug/L	94
48)	Benzo (k) fluoranthene	33.14	252	723283	17.67 ug/L	92
49)	Benzo (a) pyrene	33.86	252	429073	12.11 ug/L	93
50)	Indeno (1,2,3-cd) pyrene	36.52	276	242696	13.05 ug/L	80
51)	Dibenz (a,h) anthracene	36.63	278	295776	15.73 ug/L	83
52)	Benzo (g,h,i) perylene	37.17	276	331971	16.74 ug/L	83

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\041602\REFB0416.D Vial: 6
Acq On : 16 Apr 2002 12:44 pm Operator: Bohlk
Sample : REF2 3/21/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 18 15:47 2002 Quant Results File: 5080402BBC.RES

Method : C:\MSDCHEM\1\5973N\5080402BBC.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Tue Apr 16 18:27:45 2002
Response via : Initial Calibration