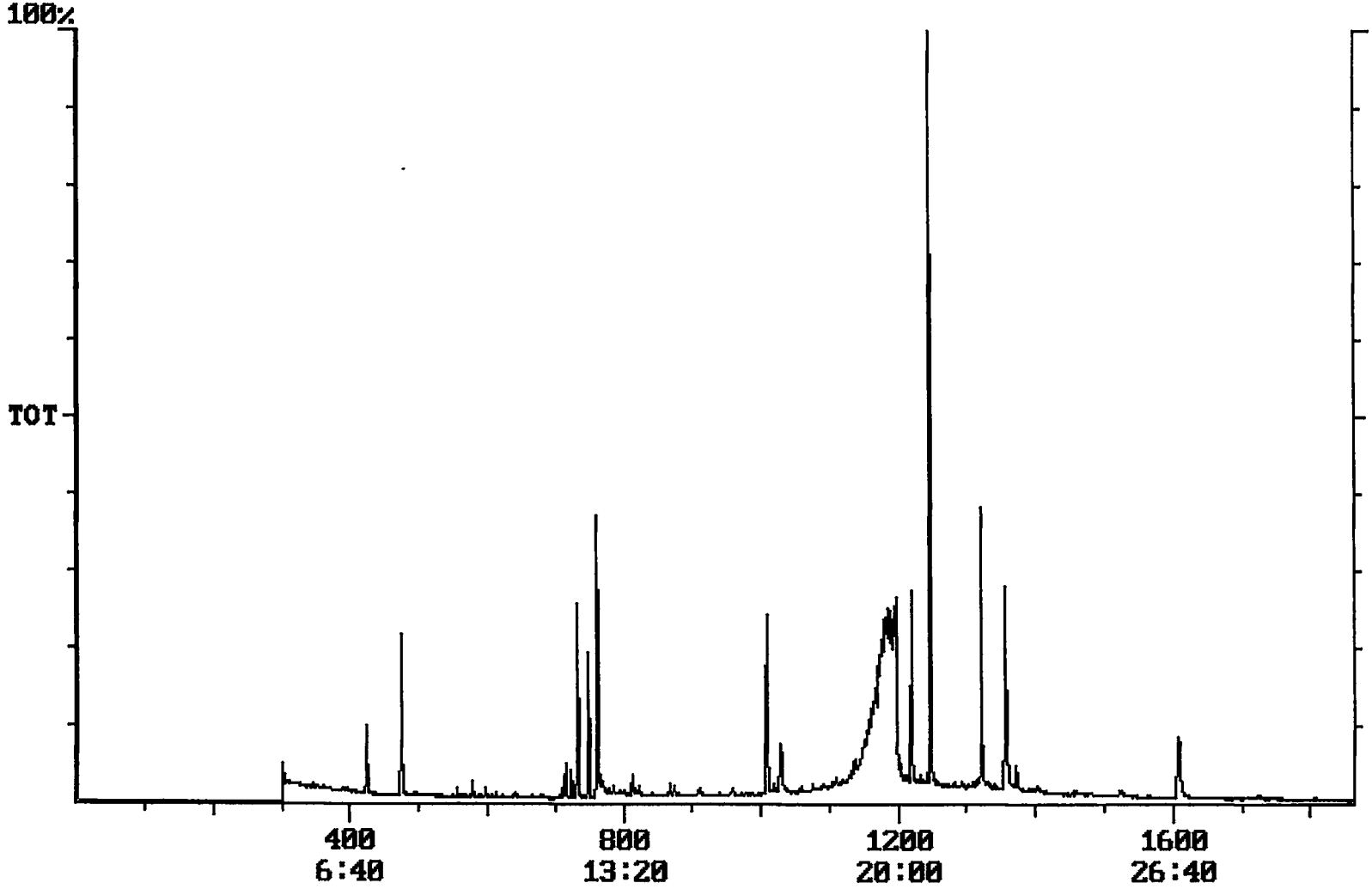
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:40:38

Sample: AD27117
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 11/14/01 15:39 Ended: 12/3/01 15:39 Analyst: TB
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Hexachlorocyclopentadiene		< MDL		0.10
2	Hexachlorobenzene		< MDL		0.10
3	Simazine		< MDL		0.40
4	Atrazine		< MDL		0.20
5	Alachlor		< MDL		0.20
6	bis(2-Ethylhexyl)adipate		< MDL		0.60
7	bis(2-Ethylhexyl)phthalate		< MDL		0.60
8	Benzo(a)pyrene		< MDL		0.20
9	EPTC		< MDL		1.0
10	2,6-Dinitrotoluene		< MDL		2.0
11	2,4-Dinitrotoluene		< MDL		2.0
12	Molinate		< MDL		0.90
13	Terbacil		< MDL		2.0
14	Acetochlor		< MDL		2.0
15	Metribuzin		< MDL		0.15
16	Metolachlor		< MDL		0.75
17	Butachlor		< MDL		0.40
18	4,4-DDE		< MDL		0.80
19	Surr_1,3-Dimethyl-2-nitrobenze		3.8		1.0
20	Surr_Triphenyl phosphate		5.6		1.0
21	Surr_Perylene-d12		5.1		1.0

Chromatogram Plot File: F:\27117A Date: Dec-03-1991 14:37:27
Comment: BOHLK; METHOD 525; INST 204; 12/03/01; SAMPLE 27117
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 19246623



Integration Report Quanfile: 27117A Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/03/01; SAMPLE 27117
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:12	732	Auto	2,523,027	1,199,917
2	phenanthrene d-10 (IS)	16:48	1008	Auto	3,870,270	1,561,801
3	chrysene d-12(IS)	22:35	1355	Auto	3,106,144	1,449,367
4	p-terphenyl d-14(IS)	20:46	1246	Auto	10,442,604	7,029,685
5	acenaphthene d-10(SURR	12:12	732	Auto	2,523,027	1,199,917
6	phenanthrene d-10(SURR	16:48	1008	Auto	3,870,270	1,561,801
7	chrysene d-12 (SURR)	22:35	1355	Auto	3,106,144	1,449,367
8	1,3-dimethyl-2-nitrobe	7:54	474	Auto	1,164,621	622,152
9	triphenyl phosphate (S	22:01	1321	Auto	1,929,923	936,627
10	perylene d-12 (SURR)	26:48	1608	Auto	1,825,109	359,073
11	simazine	16:01	961	Auto	3,741	1,423
12	bis(2-ethylhexyl)adipa	22:01	1321	Auto	33,514	7,982
13	bis(2-ethylhexyl)phtha	22:52	1372	Auto	368,891	153,946
14	benzo(a)pyrene	26:35	1595	Auto	51,102	6,432
15	2,6-dinitrotoluene	11:53	713	Auto	166,027	67,691
16	terbacil	17:18	1038	Auto	6,617	2,054
17	butachlor	20:19	1219	Auto	18,989	2,419

reviewed IS/ SURR's

Quantitation Report Quanfile: 27117A Quan Entries: 17
Comment: BOHLK; METHOD 525; INST 204; 12/03/01; SAMPLE 27117
Sorted via: Entry Number ↑ (S) = Standard

Cal	Name of Compound	S	Scan#	R Time	Me	Calc Amt(A)	Units
1	acenaphthene d-10(IS)	I	732	12:12	BV	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1008	16:48	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1355	22:35	BV	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1246	20:46	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	732	12:12	BV	1.594	UG/L
6	phenanthrene d-10(SURR	A	1008	16:48	BV	1.702	UG/L
7	chrysene d-12 (SURR)	A	1355	22:35	BV	1.777	UG/L
8	1,3-dimethyl-2-nitrobe	A	474	7:54	BB	3.847	UG/L
9	triphenyl phosphate (S	A	1321	22:01	BB	5.605	UG/L
10	perylene d-12 (SURR)	A	1608	26:48	BB	5.090	UG/L
13	simazine	A	961	16:01	BB	0.032	UG/L
16	bis(2-ethylhexyl)adipa	A	1321	22:01	MM	0.048	UG/L
17	bis(2-ethylhexyl)phtha	A	1372	22:52	BV	0.319	UG/L
18	benzo(a)pyrene	A	1595	26:35	MM	0.077	UG/L
20	2,6-dinitrotoluene	A	713	11:53	BB	1.122	UG/L
23	terbacil	A	1038	17:18	VV	0.076	UG/L
27	butachlor	A	1219	20:19	MM	0.069	UG/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27117.D Vial: 22
Acq On : 19 Dec 2001 11:39 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 12:16:34 2001 Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration
DataAcq Meth : 121401

27117
Re-ext

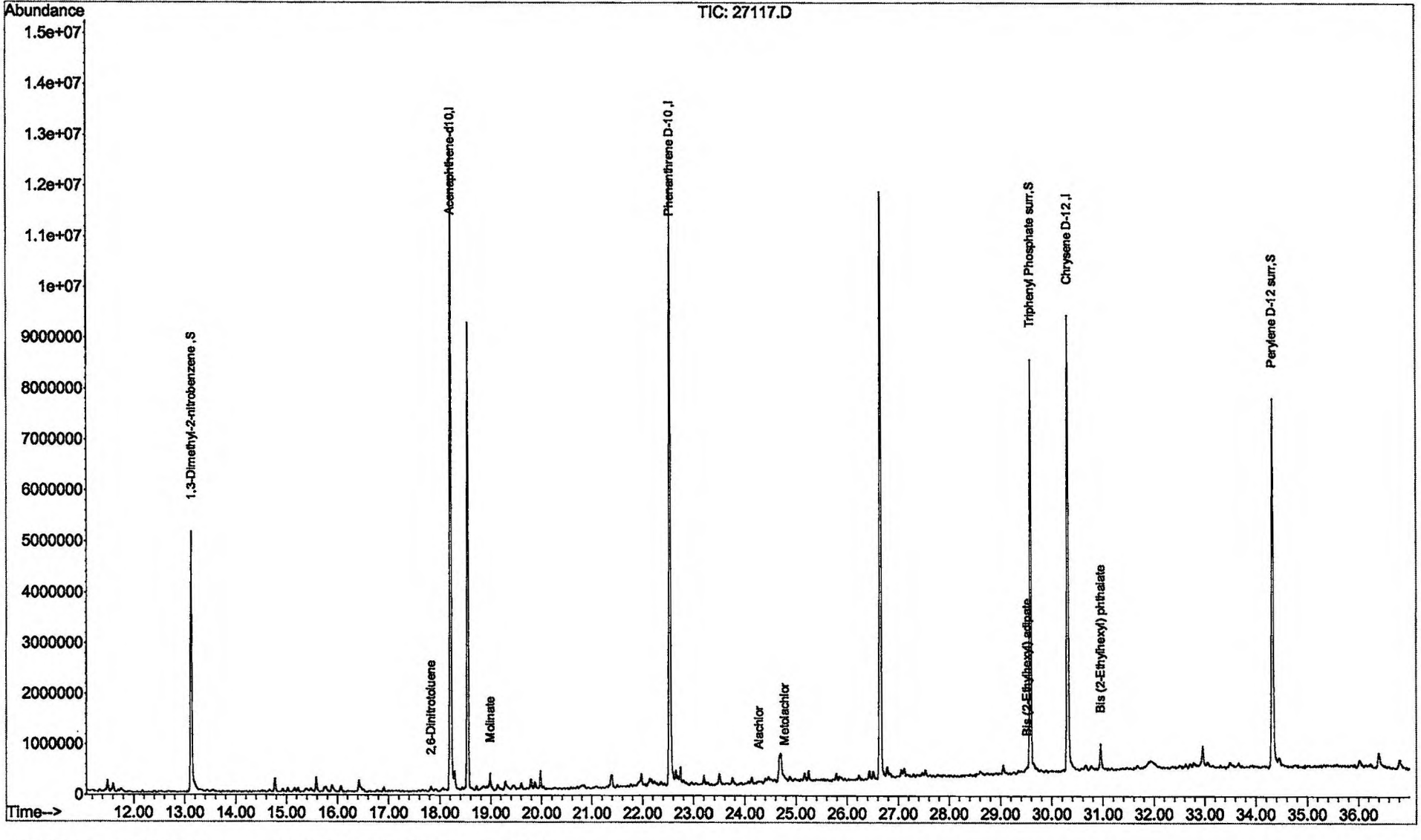
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.20	164	6432814	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	9615909	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	6440362	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1547090	4.70	ug/L	0.00
Spiked Amount 5.000			Recovery	= 94.00%		
19) Triphenyl Phosphate surr	29.58	326	1850331	6.32	ug/L	0.00
Spiked Amount 5.000			Recovery	= 126.40%		
21) Perylene D-12 surr	34.31	264	4751820	5.58	ug/L	0.00
Spiked Amount 5.000			Recovery	= 111.60%		
Target Compounds						Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
4) Hexachlorobenzene	0.00	284	0	N.D.		
5) EPTC	0.00	128	0	N.D.		
6) 2,6-Dinitrotoluene	17.82	165	19059	0.36	ug/L #	30
7) 2,4-Dinitotoluene	0.00	165	0	N.D. d		
8) Molinate	18.98	126	5668	0.01	ug/L #	1
10) Simazine	0.00	201	0	N.D. d		
11) Atrazine	0.00	200	0	N.D.		
12) Alachlor	24.27	160	5502	0.02	ug/L #	1
13) Terbacil	0.00	161	0	N.D. d		
14) Acetochlor	0.00	146	0	N.D. d		
15) Metribuzin	0.00	198	0	N.D.		
16) Metolachlor	24.78	162	5653	0.01	ug/L #	38
17) Butachlor	0.00	160	0	N.D. d		
18) 4,4'-DDE	0.00	246	0	N.D. d		
22) Bis (2-Ethylhexyl) adipate	29.51	129	15244	0.40	ug/L #	13
23) Bis (2-Ethylhexyl) phthala	30.96	149	381160	0.56	ug/L	100
24) Benzo (a) pyrene	0.00	252	0	N.D. d		

(#) = qualifier out of range (m) = manual integration
27117.D 121401.M Wed Dec 19 13:51:12 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27117.D Vial: 22
Acq On : 19 Dec 2001 11:39 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 13:51 2001 Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27117FB.D Vial: 37
Acq On : 20 Dec 2001 4:19 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 16:56:23 2001 Quant Results File: 121401.RES

Quant Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration
DataAcq Meth : 121401

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Acenaphthene-d10	18.20	164	4806716	5.00 ug/L	0.00
9) Phenanthrene D-10	22.53	188	6680428	5.00 ug/L	0.00
20) Chrysene D-12	30.30	240	4524990	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1148122	4.67 ug/L	0.00
Spiked Amount 5.000			Recovery =	93.40%	
19) Triphenyl Phosphate surr	29.58	326	1208348	5.94 ug/L	0.00
Spiked Amount 5.000			Recovery =	118.80%	
21) Perylene D-12 surr	34.32	264	3007418	5.03 ug/L	0.00
Spiked Amount 5.000			Recovery =	100.60%	
Target Compounds					Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
4) Hexachlorobenzene	0.00	284	0	N.D.	
5) EPTC	0.00	128	0	N.D.	
6) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
7) 2,4-Dinitotoluene	0.00	165	0	N.D. d	
8) Molinate	18.98	126	7158	0.01 ug/L #	1
10) Simazine	0.00	201	0	N.D.	
11) Atrazine	0.00	200	0	N.D.	
12) Alachlor	0.00	160	0	N.D.	
13) Terbacil	22.53	161	76784	0.73 ug/L #	1
14) Acetochlor	0.00	146	0	N.D.	
15) Metribuzin	0.00	198	0	N.D.	
16) Metolachlor	0.00	162	0	N.D.	
17) Butachlor	0.00	160	0	N.D. d	
18) 4,4'-DDE	0.00	246	0	N.D.	
22) Bis (2-Ethylhexyl) adipate	29.58	129	16411	0.40 ug/L #	13
23) Bis (2-Ethylhexyl) phthala	30.96	149	200724	0.52 ug/L	96
24) Benzo (a) pyrene	0.00	252	0	N.D. d	

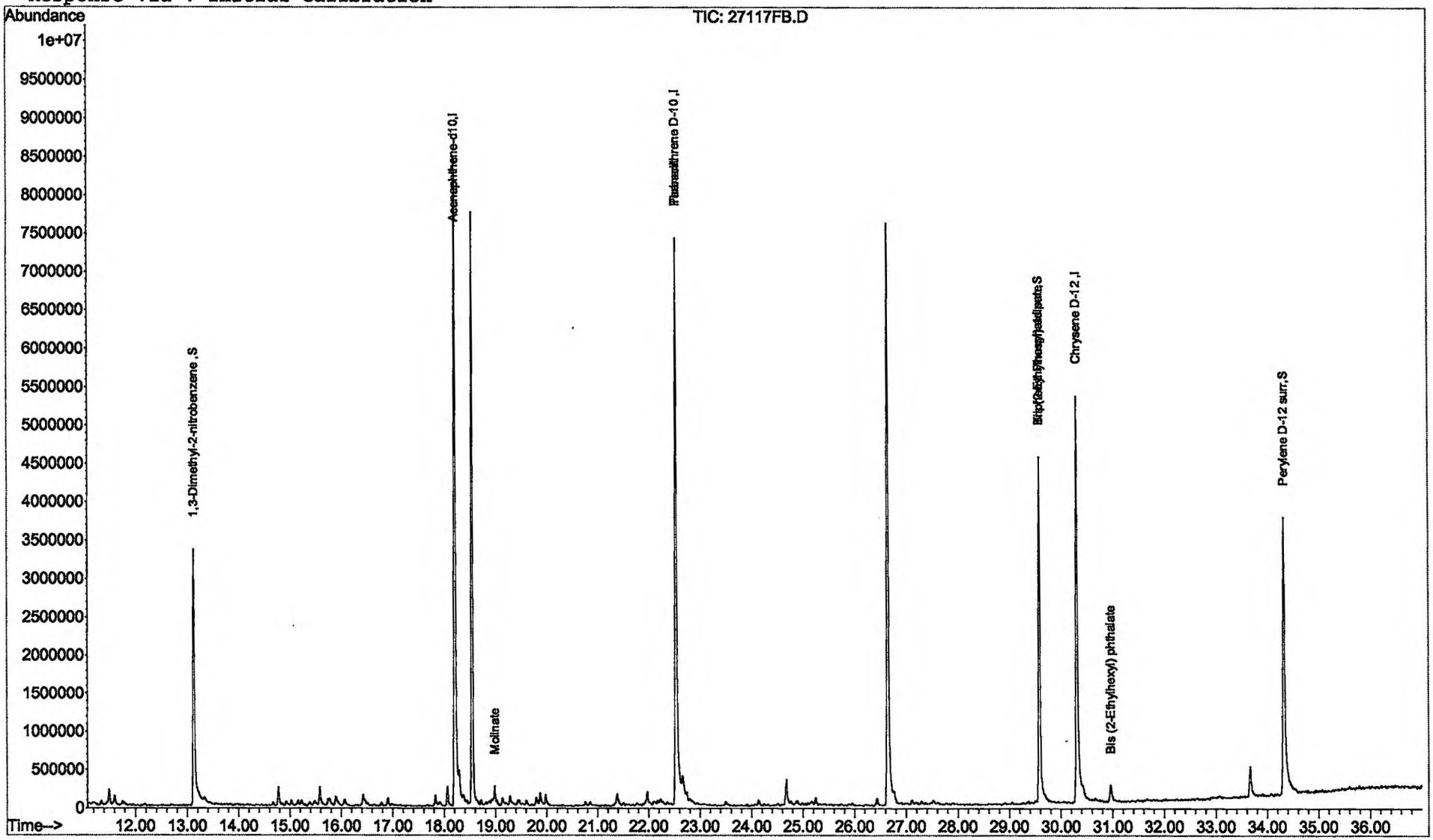
FB for 27117

(#) = qualifier out of range (m) = manual integration
27117FB.D 121401.M Wed Jan 02 09:30:41 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27117FB.D Vial: 37
Acq On : 20 Dec 2001 4:19 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : MuItiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Jan 2 9:30 2002 Quant Results File: 121401.RES

Method : C:\MSDCHEM\1\5973N\121401.M (RTE Integrator)
Title : Quantitation For Method 525.2
Last Update : Tue Dec 18 09:35:41 2001
Response via : Initial Calibration



Comments for Sample AD27117 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 11:30:01

The recoveries for 5 of the 8 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 49%.