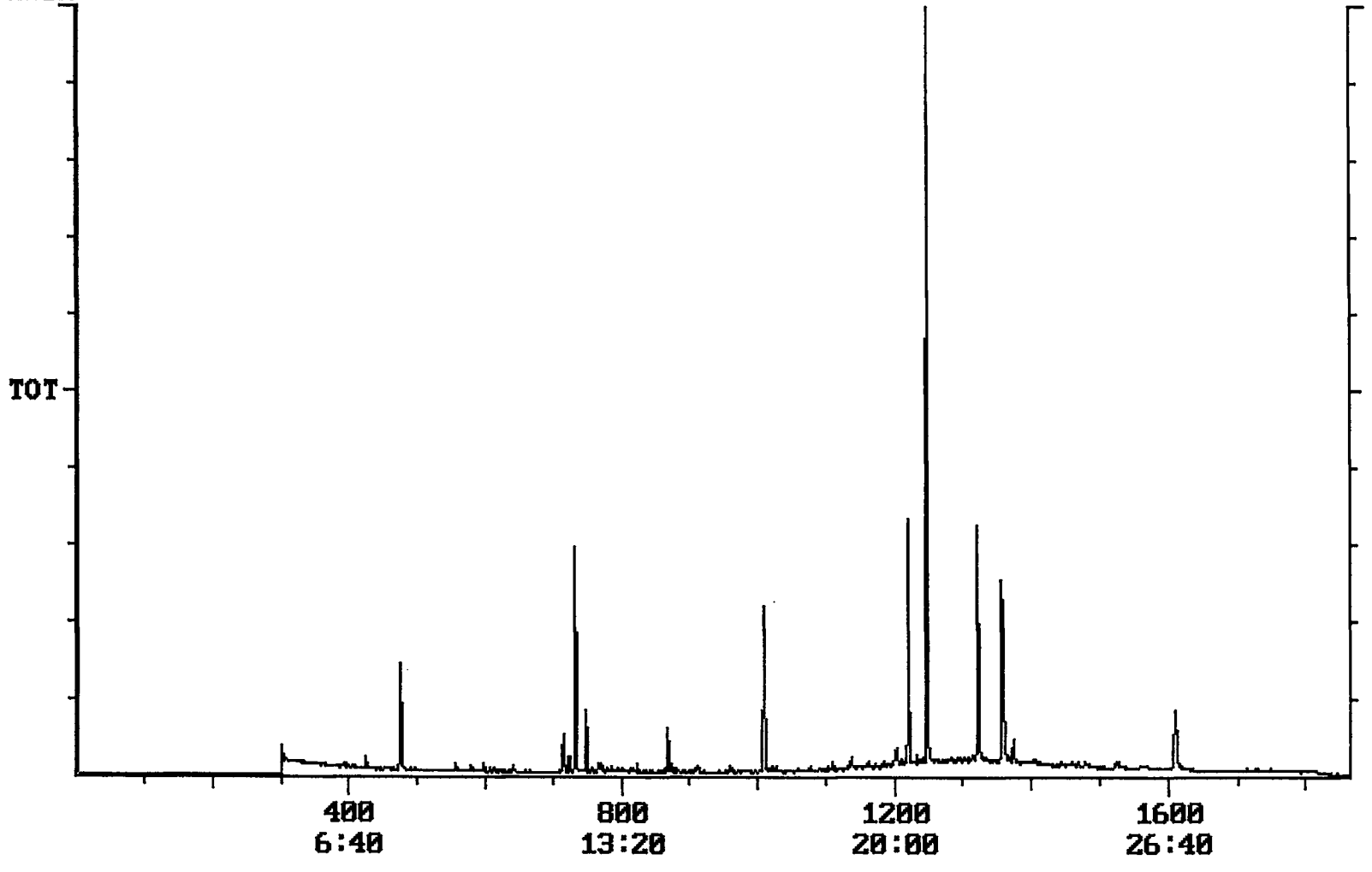
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:26:21

Sample: AD27115
Analysis: S525 Organic Chemicals - 525.2
Units: ug
Started: 11/14/01 15:25 Ended: 12/1/01 15:25 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		5.0		1.0
21	Surr_Perylene-d12		4.9		1.0

Chromatogram Plot File: F:\27115P Date: Dec-01-1991 23:52:14
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27115
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 20848443



Integration Report Quanfile: 27115P Quan Entries: 19
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27115
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:13	733	Auto	2,650,051	1,683,088
2	phenanthrene d-10 (IS)	16:49	1009	Auto	3,681,031	1,540,434
3	chrysene d-12(IS)	22:36	1356	Auto	3,181,302	1,449,882
4	p-terphenyl d-14(IS)	20:47	1247	Auto	10,106,757	7,576,269
5	acenaphthene d-10(SURR	12:13	733	Auto	2,650,051	1,683,088
6	phenanthrene d-10(SURR	16:49	1009	Auto	3,681,031	1,540,434
7	chrysene d-12 (SURR)	22:36	1356	Auto	3,181,302	1,449,882
8	1,3-dimethyl-2-nitrobe	7:55	475	Auto	1,220,184	525,250
9	triphenyl phosphate (S	22:02	1322	Auto	1,751,099	863,186
10	perylene d-12 (SURR)	26:50	1610	Auto	1,814,163	398,282
11	simazine	16:02	962	Auto	1,195	1,195
12	bis(2-ethylhexyl)adipa	22:01	1321	Auto	42,974	12,037
13	bis(2-ethylhexyl)phtha	22:53	1373	Auto	341,339	158,569
14	benzo(a)pyrene	26:37	1597	Auto	90,391	13,481
15	2,6-dinitrotoluene	11:53	713	Auto	146,825	84,993
16	2,4-dinitrotoluene	13:02	782	Auto	14,689	2,823
17	terbacil	17:22	1042	Auto	1,203	1,203
18	butachlor	20:21	1221	Auto	19,192	2,173
19	4,4'-dde	20:42	1242	Auto	4,528	2,483

renewed IS/SURR's

Quantitation Report Quanfile: 27115P Quan Entries: 19
Comment: BOHLK; METHOD 525; INST 204; 12/01/01; SAMPLE 27115
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	733	12:13	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1009	16:49	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1356	22:36	VB	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1247	20:47	BV	5.000	UG/L
5	acenaphthene d-10(SURR	A	733	12:13	BB	1.730	UG/L
6	phenanthrene d-10(SURR	A	1009	16:49	BV	1.672	UG/L
7	chrysene d-12 (SURR)	A	1356	22:36	VB	1.880	UG/L
8	1,3-dimethyl-2-nitrobe	A	475	7:55	BV	3.838	UG/L
9	triphenyl phosphate (S	A	1322	22:02	BB	4.965	UG/L
10	perylene d-12 (SURR)	A	1610	26:50	BV	4.940	UG/L
13	simazine	A	962	16:02	BB	0.011	UG/L
16	bis(2-ethylhexyl)adipa	A	1321	22:01	MM	0.060	UG/L
17	bis(2-ethylhexyl)phtha	A	1373	22:53	BB	0.288	UG/L
18	benzo(a)pyrene	A	1597	26:37	MM	0.133	UG/L
20	2,6-dinitrotoluene	A	713	11:53	BB	0.946	UG/L
21	2,4-dinitrotoluene	A	782	13:02	BB	0.084	UG/L
23	terbacil	A	1042	17:22	BB	0.015	UG/L
27	butachlor	A	1221	20:21	MM	0.073	UG/L
28	4,4'-dde	A	1242	20:42	BB	0.015	UG/L

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27115.D Vial: 20
Acq On : 19 Dec 2001 10:09 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 10:46:24 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

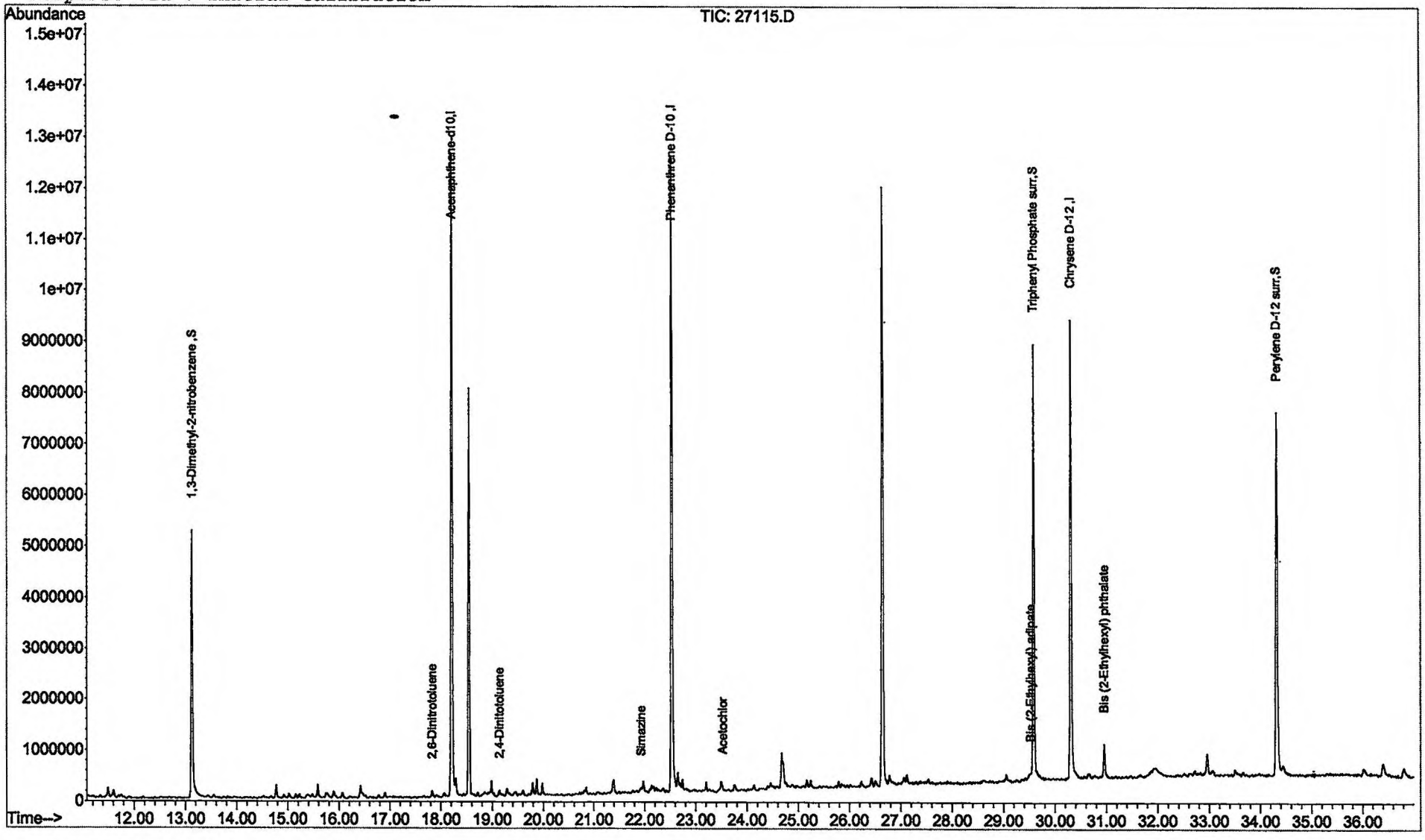
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Acenaphthene-d10	18.21	164	6439623	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	9827350	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	6470984	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1596606	4.85	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.00%			
19) Triphenyl Phosphate surr	29.58	326	1897963	6.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 127.00%			
21) Perylene D-12 surr	34.31	264	4860012	5.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 113.60%			
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	30222	0.39	ug/L #	30
7) 2,4-Dinitotoluene	19.14	165	2819	0.31	ug/L	88
8) Molinate	0.00	126	0	N.D.	d	
10) Simazine	21.92	201	8484	0.03	ug/L	77
11) Atrazine	0.00	200	0	N.D.		
12) Alachlor	0.00	160	0	N.D.	d	
13) Terbacil	0.00	161	0	N.D.	d	
14) Acetochlor	23.53	146	6912	0.03	ug/L	85
15) Metribuzin	0.00	198	0	N.D.		
16) Metolachlor	0.00	162	0	N.D.	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	29.52	129	26514	0.41	ug/L #	22
23) Bis (2-Ethylhexyl) phthala	30.95	149	489471	0.61	ug/L	99
24) Benzo (a) pyrene	0.00	252	0	N.D.	d	

(#) = qualifier out of range (m) = manual integration
27115.D 121401.M Wed Dec 19 13:49:36 2001 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121801\27115.D Vial: 20
Acq On : 19 Dec 2001 10:09 am Operator: McLean
Sample : 12/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 19 13:49 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\27115FB.D Vial: 36
Acq On : 20 Dec 2001 3:34 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 16:11:22 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	18.21	164	3796656	5.00 ug/L	0.00
9) Phenanthrene D-10	22.53	188	5609670	5.00 ug/L	0.00
20) Chrysene D-12	30.30	240	3667631	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	764865	3.94 ug/L	0.00
Spiked Amount 5.000			Recovery	= 78.80%	
19) Triphenyl Phosphate surr	29.58	326	948927	5.56 ug/L	0.00
Spiked Amount 5.000			Recovery	= 111.20%	
21) Perylene D-12 surr	34.31	264	2287792	4.72 ug/L	0.00
Spiked Amount 5.000			Recovery	= 94.40%	
Target Compounds					Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
4) Hexachlorobenzene	0.00	284	0	N.D. d	
5) EPTC	0.00	128	0	N.D.	
6) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
7) 2,4-Dinitotoluene	18.64	165	1537	0.31 ug/L #	21
8) Molinate	18.99	126	9214	0.02 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	0.00	161	0	N.D. d	
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	13757	0.40 ug/L #	13
23) Bis (2-Ethylhexyl) phthala	30.96	149	157496	0.51 ug/L	99
24) Benzo (a) pyrene	0.00	252	0	N.D. d	

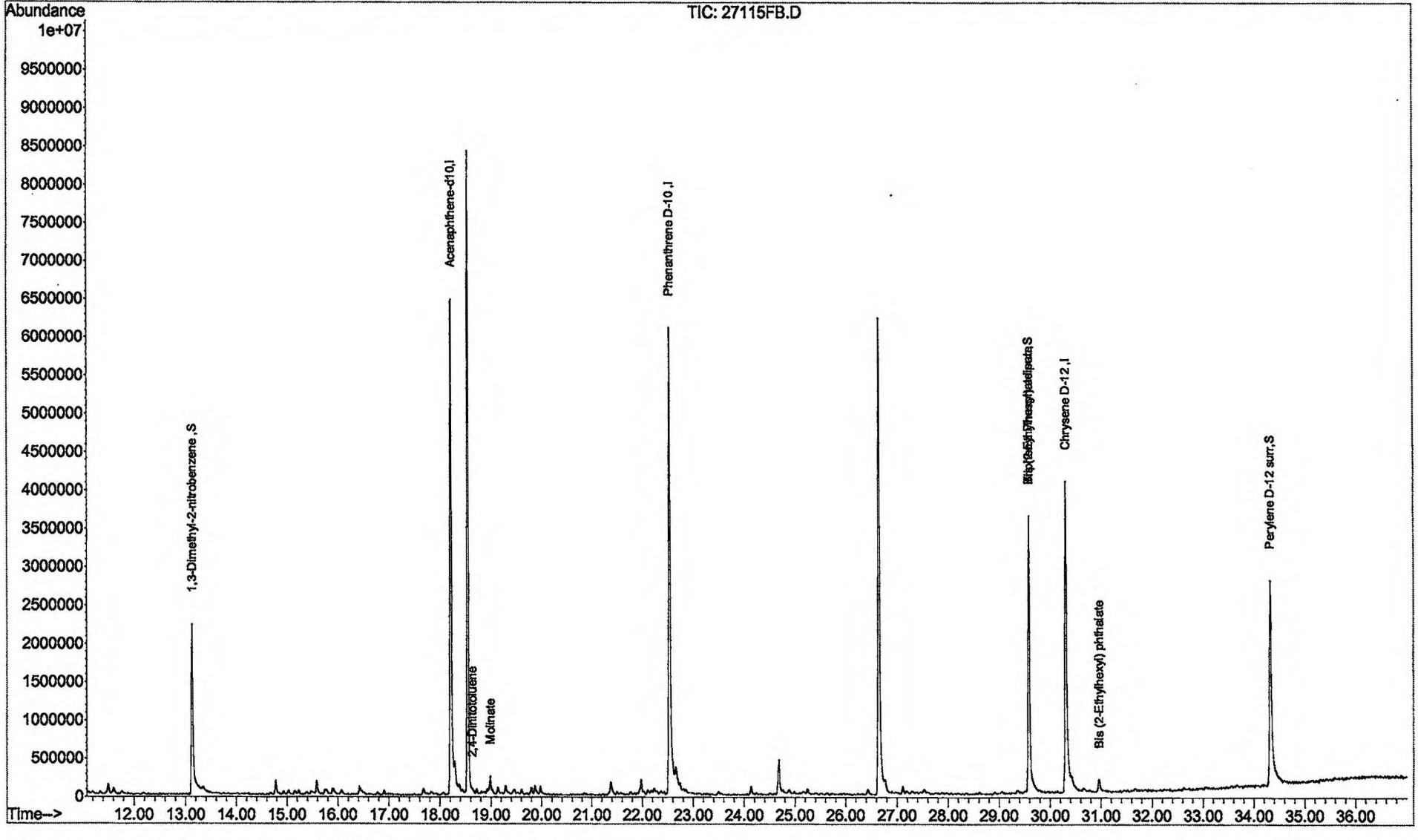
FB for 27115

(#) = qualifier out of range (m) = manual integration
27115FB.D 121401.M Wed Jan 02 09:25:26 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\27115FB.D Vial: 36
Acq On : 20 Dec 2001 3:34 pm Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Jan 2 9:25 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 AD27115 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 11:57:05

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%.