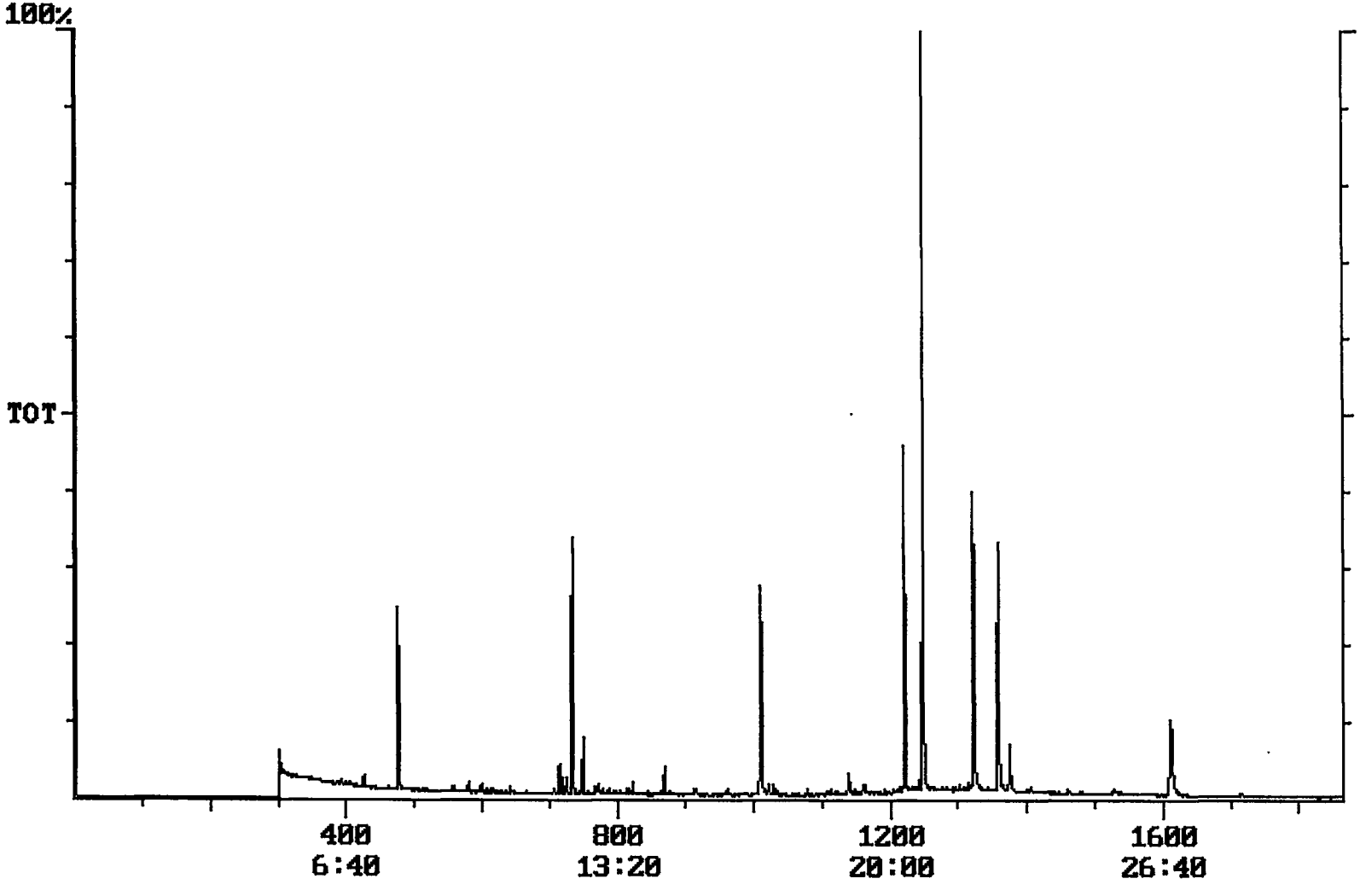
User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 10:35:27

Sample: AD26982
Analysis: $525 Organic Chemicals - 525.2
Units: ug
Started: 11/13/01 10:34 Ended: 11/30/01 10:34 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		4.4		1.0
20	Surr_Triphenyl phosphate		4.8		1.0
21	Surr_Perylene-d12		5.0		1.0

Chromatogram Plot File: E:\26982F Date: Nov-30-1991 21:37:05
Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26982
Scan No: 1 Retention Time: 0:01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1860 Range: 1 to 1860 100% = 12943048



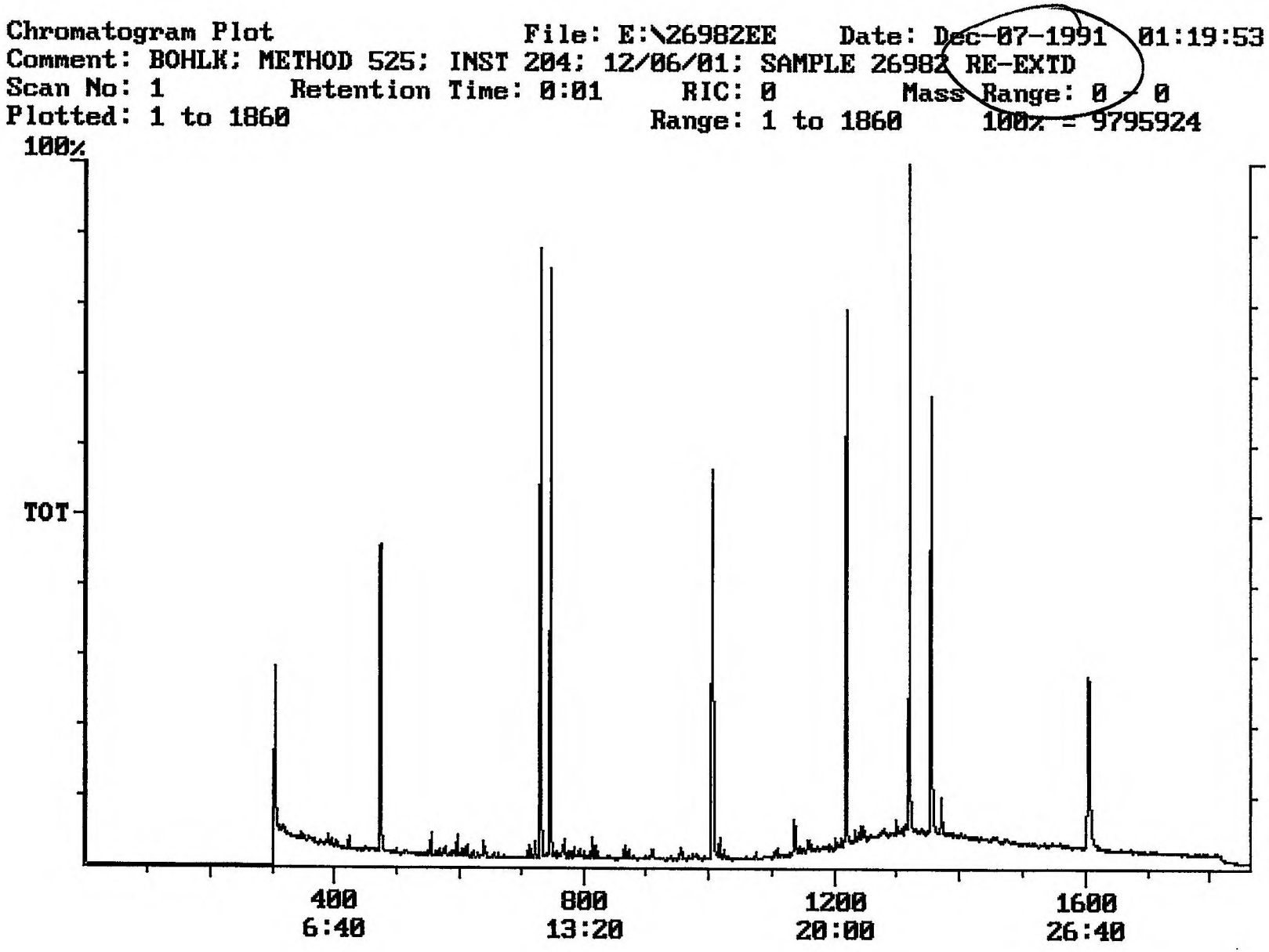
Integration Report Quanfile: 26982F Quan Entries: 18
Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26982
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:14	734	Auto	1,870,023	1,035,243
2	phenanthrene d-10 (IS)	16:50	1010	Auto	3,098,030	1,208,510
3	chrysene d-12(IS)	22:37	1357	Auto	2,602,234	1,334,438
4	p-terphenyl d-14(IS)	20:48	1248	Auto	6,594,098	4,353,749
5	acenaphthene d-10(SURR	12:14	734	Auto	1,870,023	1,035,243
6	phenanthrene d-10(SURR	16:50	1010	Auto	3,098,030	1,208,510
7	chrysene d-12 (SURR)	22:37	1357	Auto	2,602,234	1,334,438
8	1,3-dimethyl-2-nitrobe	7:55	475	Auto	977,381	493,135
9	triphenyl phosphate (S	22:02	1322	Auto	1,382,642	678,543
10	perylene d-12 (SURR)	26:51	1611	Auto	1,499,627	322,452
11	hexachlorobenzene	15:15	915	Auto	10,492	4,456
12	bis(2-ethylhexyl)adipa	21:55	1315	Auto	34,942	8,562
13	bis(2-ethylhexyl)phtha	22:54	1374	Auto	502,508	213,478
14	benzo(a)pyrene	26:38	1598	Auto	57,008	6,928
15	2,6-dinitrotoluene	11:54	714	Auto	103,956	58,803
16	2,4-dinitrotoluene	13:02	782	Auto	4,766	1,482
17	butachlor	20:21	1221	Auto	2,532	1,620
18	4,4'-dde	20:43	1243	Auto	10,840	7,326

reviewed IS/ surr's

Quantitation Report Quanfile: 26982F Quan Entries: 18
Comment: BOHLK; METHOD 525; INST 204; 11/30/01; SAMPLE 26982
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	734	12:14	BV	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1010	16:50	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1357	22:37	BV	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1248	20:48	BB	5.000	UG/L
5	acenaphthene d-10(SURR	A	734	12:14	BV	1.871	UG/L
6	phenanthrene d-10(SURR	A	1010	16:50	BV	2.157	UG/L
7	chrysene d-12 (SURR)	A	1357	22:37	BV	2.357	UG/L
8	1,3-dimethyl-2-nitrobe	A	475	7:55	BV	4.356	UG/L
9	triphenyl phosphate (S	A	1322	22:02	BV	4.793	UG/L
10	perylene d-12 (SURR)	A	1611	26:51	BB	4.992	UG/L
12	hexachlorobenzene	A	915	15:15	BB	0.047	UG/L
16	bis(2-ethylhexyl)adipa	A	1315	21:55	MM	0.060	UG/L
17	bis(2-ethylhexyl)phtha	A	1374	22:54	VV	0.524	UG/L
18	benzo(a)pyrene	A	1598	26:38	MM	0.102	UG/L
20	2,6-dinitrotoluene	A	714	11:54	BB	0.949	UG/L
21	2,4-dinitrotoluene	A	782	13:02	BB	0.039	UG/L
27	butachlor	A	1221	20:21	BB	0.012	UG/L
28	4,4'-dde	A	1243	20:43	BB	0.043	UG/L



Integration Report Quanfile: 26982EE Quan Entries: 19
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 26982 RE-EXTD
Sorted via: Entry Number ↑

No	Name of Compound	R Time	Scan#	Mode	Peak Area	Pk Height
1	acenaphthene d-10(IS)	12:11	731	Auto	3,515,717	2,335,666
2	phenanthrene d-10 (IS)	16:46	1006	Auto	5,227,719	1,988,252
3	chrysene d-12(IS)	22:34	1354	Auto	3,976,909	1,981,082
4	p-terphenyl d-14(IS)	22:34	1354	Auto	3,976,909	1,981,082
5	acenaphthene d-10(SURR	12:11	731	Auto	3,515,717	2,335,666
6	phenanthrene d-10(SURR	16:46	1006	Auto	5,227,719	1,988,252
7	chrysene d-12 (SURR)	22:34	1354	Auto	3,976,909	1,981,082
8	1,3-dimethyl-2-nitrobe	7:53	473	Auto	1,796,514	792,075
9	triphenyl phosphate (S	22:00	1320	Auto	2,246,329	1,273,951
10	perylene d-12 (SURR)	26:45	1605	Auto	2,736,007	616,823
11	hexachlorocyclopentadi	10:02	602	Auto	2,426	1,460
12	hexachlorobenzene	15:11	911	Auto	5,301	2,452
13	simazine	16:11	971	Auto	0	0
14	bis(2-ethylhexyl)adipa	21:53	1313	Auto	23,186	11,096
15	bis(2-ethylhexyl)phtha	22:51	1371	Auto	365,798	158,725
16	benzo(a)pyrene	26:32	1592	Auto	5,421	1,352
17	2,6-dinitrotoluene	11:51	711	Auto	27,096	14,288
18	butachlor	20:19	1219	Auto	31,509	12,345
19	4,4'-dde	20:41	1241	Auto	10,134	6,436

not Median

reviewed IS/SURR's

Quantitation Report Quanfile: 26982EE Quan Entries: 19
Comment: BOHLK; METHOD 525; INST 204; 12/06/01; SAMPLE 26982 RE-EXTD
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	731	12:11	BB	5.000	UG/L
2	phenanthrene d-10 (IS)	I	1006	16:46	BV	5.000	UG/L
3	chrysene d-12(IS)	I	1354	22:34	VV	5.000	UG/L
4	p-terphenyl d-14(IS)	I	1354	22:34	VV	5.000	UG/L
5	acenaphthene d-10(SURR	A	731	12:11	BB	4.868	UG/L
6	phenanthrene d-10(SURR	A	1006	16:46	BV	5.654	UG/L
7	chrysene d-12 (SURR)	A	1354	22:34	VV	5.256	UG/L
8	1,3-dimethyl-2-nitrobe	A	473	7:53	BV	5.476	UG/L
9	triphenyl phosphate (S	A	1320	22:00	BV	5.829	UG/L
10	perylene d-12 (SURR)	A	1605	26:45	BB	4.722	UG/L
11	hexachlorocyclopentadi	A	602	10:02	BB	0.017	UG/L
12	hexachlorobenzene	A	911	15:11	BB	0.015	UG/L
13	simazine	A	971	16:11	BB	0.001	UG/L
16	bis(2-ethylhexyl)adipa	A	1313	21:53	MM	0.040	UG/L
17	bis(2-ethylhexyl)phtha	A	1371	22:51	BV	0.315	UG/L
18	benzo(a)pyrene	A	1592	26:32	BB	0.008	UG/L
20	2,6-dinitrotoluene	A	711	11:51	BB	0.131	UG/L
27	butachlor	A	1219	20:19	BB	0.067	UG/L
28	4,4'-dde	A	1241	20:41	BB	0.023	UG/L

does not apply
TB
1/2/07

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\26982FB.D Vial: 29
Acq On : 20 Dec 2001 10:19 am Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Dec 20 10:56:20 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	5733493	5.00	ug/L	0.00
9) Phenanthrene D-10	22.53	188	8225280	5.00	ug/L	0.00
20) Chrysene D-12	30.30	240	5873183	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,3-Dimethyl-2-nitrobenzen	13.13	134	1367028	4.66	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.20%			
19) Triphenyl Phosphate surr	29.58	326	1358623	5.43	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.60%			
21) Perylene D-12 surr	34.32	264	3948108	5.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
3) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
4) Hexachlorobenzene	21.39	284	10781	0.03	ug/L	89
5) EPTC	0.00	128	0	N.D.		
6) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
7) 2,4-Dinitotoluene	18.59	165	1061	0.31	ug/L #	1
8) Molinate	18.98	126	6067	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	22.65	161	5014	0.48	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	29.52	129	8820	0.39	ug/L #	22
23) Bis (2-Ethylhexyl) phthala	30.96	149	370094	0.57	ug/L	97
24) Benzo (a) pyrene	0.00	252	0	N.D.	d	

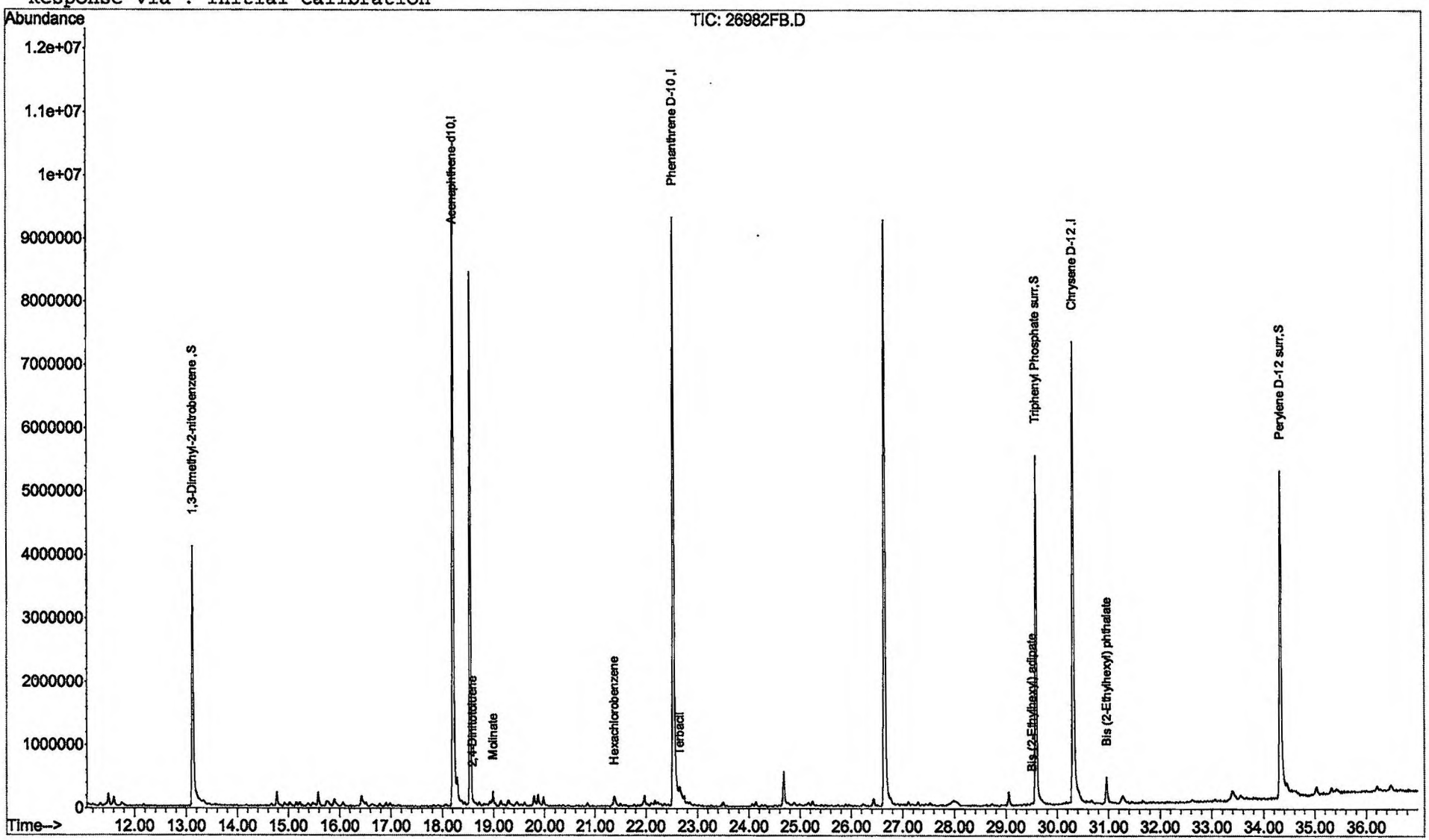
FB for 26982

(#) = qualifier out of range (m) = manual integration
26982FB.D 121401.M Wed Jan 02 09:17:59 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\121901\26982FB.D Vial: 29
Acq On : 20 Dec 2001 10:19 am Operator: McLean
Sample : 12/17 fblks Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Jan 2 9:17 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 AD26982 - Analysis $525

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 10:37:19

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.