LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
Data File : BM030224.D
Acq On : 28 May 2021 06:41
Operator : CG/JU
Sample : M2511-07
Misc : GC/MS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CL6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030224.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	11	15	18	rBV	70043	73158	1.52%	0.336%
2	3.204	18	20	22	rVV2	30960	29374	0.61%	0.135%
3	3.228	22	24	26	rVV	43020	40351	0.84%	0.185%
4	3.263	26	30	35	rVB	4732040	4821884	100.00%	22.133%
5	3.569	79	82	84	rBV2	14213	16274	0.34%	0.075%
6	3.604	84	88	93	rVB	131720	158239	3.28%	0.726%
7	3.693	98	103	108	rBV7	9765	13255	0.27%	0.061%
8	3.981	149	152	159	rVB7	6388	11449	0.24%	0.053%
9	4.075	163	168	174	rVB	21471	31544	0.65%	0.145%
10	4.257	195	199	202	rVB6	3542	5636	0.12%	0.026%
11	4.916	308	311	314	rVB3	4110	6231	0.13%	0.029%
12	7.416	734	736	743	rBV8	2579	4862	0.10%	0.022%
13	7.869	806	813	821	rBV	948532	1496601	31.04%	6.869%
14	10.451	1244	1252	1256	rBV8	10779	20668	0.43%	0.095%
15	10.657	1274	1287	1296	rBV	1134522	1991291	41.30%	9.140%
16	10.792	1306	1310	1316	rBV6	9295	16518	0.34%	0.076%
17	10.922	1327	1332	1341	rBV7	6775	16267	0.34%	0.075%
18	11.075	1352	1358	1363	rVV9	5306	10779	0.22%	0.049%
19	11.139	1363	1369	1374	rVB6	7630	15414	0.32%	0.071%
20	11.357	1402	1406	1410	rVB6	3562	5636	0.12%	0.026%
21	14.492	1932	1939	1948	rBV	1686561	2494055	51.72%	11.448%
22	17.009	2364	2367	2371	rVB3	5875	8636	0.18%	0.040%
23	17.221	2397	2403	2414	rBV	1914940	2731967	56.66%	12.540%
24	17.315	2418	2419	2424	rVB4	6185	7379	0.15%	0.034%
25	17.827	2499	2506	2509	rBV6	10684	20988	0.44%	0.096%
26	18.074	2544	2548	2550	rBV5	6476	8005	0.17%	0.037%
27	18.109	2550	2554	2556	rBV3	8955	10895	0.23%	0.050%
28	18.292	2580	2585	2589	rBV	101667	137503	2.85%	0.631%
29	18.351	2591	2595	2598	rVV4	25442	33088	0.69%	0.152%
30	18.392	2600	2602	2608	rVB7	5620	9305	0.19%	0.043%
31	18.574	2629	2633	2637	rBV	46611	62771	1.30%	0.288%
32	18.745	2659	2662	2667	rVB4	17952	22576	0.47%	0.104%
33	19.056	2711	2715	2718	rBV4	21948	29026	0.60%	0.133%
34	19.103	2719	2723	2725	rVV	58502	79525	1.65%	0.365%
35	19.133	2725	2728	2735	rVB3	168545	228336	4.74%	1.048%
36	19.215	2739	2742	2746	rVB3	24863	32538	0.67%	0.149%

LSC Area Percent Report

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Operator : CG/JU
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Misc : GC/MS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CL6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Title : SVOA CALIBRATION

37	19.339	2759	2763	2767	rBV4	36805	62732	1.30%	0.288%
38	19.415	2771	2776	2781	rVV	260417	360393	7.47%	1.654%
39	19.474	2782	2786	2791	rVB	96274	121790	2.53%	0.559%
40	19.674	2816	2820	2826	rVB2	69590	87041	1.81%	0.400%
41	19.750	2829	2833	2837	rVV	121831	144539	3.00%	0.663%
42	19.803	2838	2842	2845	rVV5	37665	46762	0.97%	0.215%
43	19.856	2845	2851	2856	rVV	275191	354445	7.35%	1.627%
44	20.115	2891	2895	2899	rBV4	105174	146636	3.04%	0.673%
45	20.168	2900	2904	2910	rVB	238659	283916	5.89%	1.303%
46	20.392	2938	2942	2947	rBV2	135516	166533	3.45%	0.764%
47	20.445	2948	2951	2953	rVV2	67434	85331	1.77%	0.392%
48	20.474	2953	2956	2960	rVB	95389	122630	2.54%	0.563%
49	20.709	2989	2996	3002	rBV3	177259	306273	6.35%	1.406%
50	21.380	3105	3110	3118	rBV	1965890	2459145	51.00%	11.288%
51	23.668	3493	3499	3509	rVB2	1221969	2336042	48.45%	10.723%

Sum of corrected areas: 21786232

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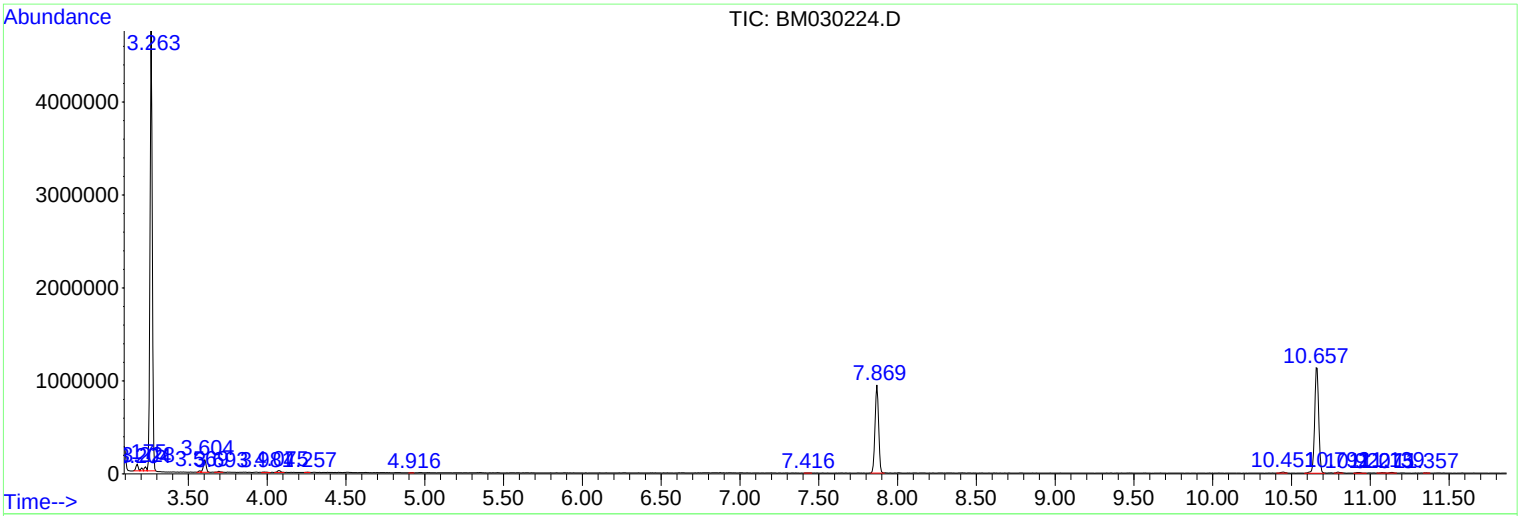
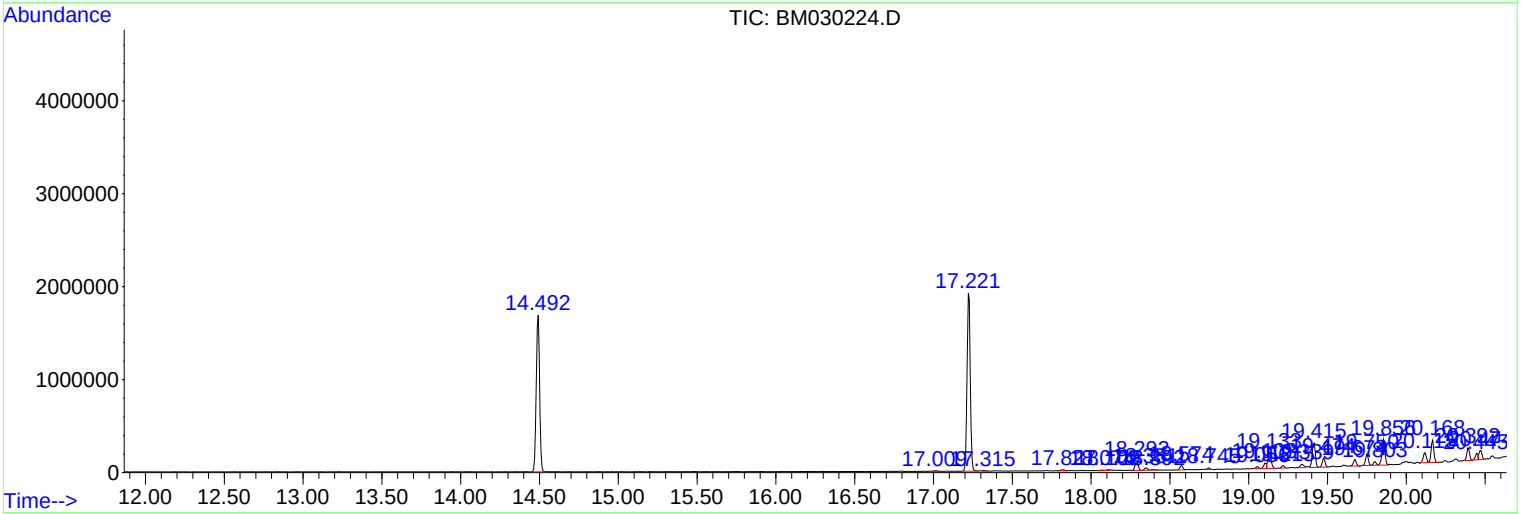
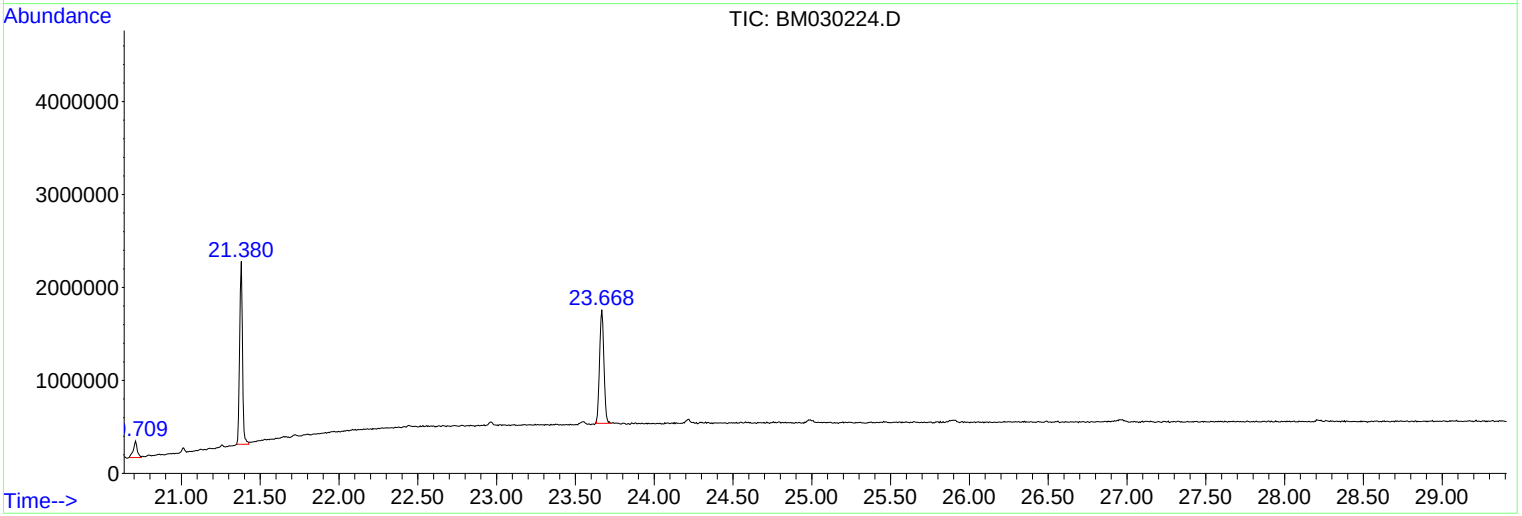
Instrument :
BNA_M
ClientSampleId :
C0CL6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Data File : BM030224.D
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Instrument :
BNA_M
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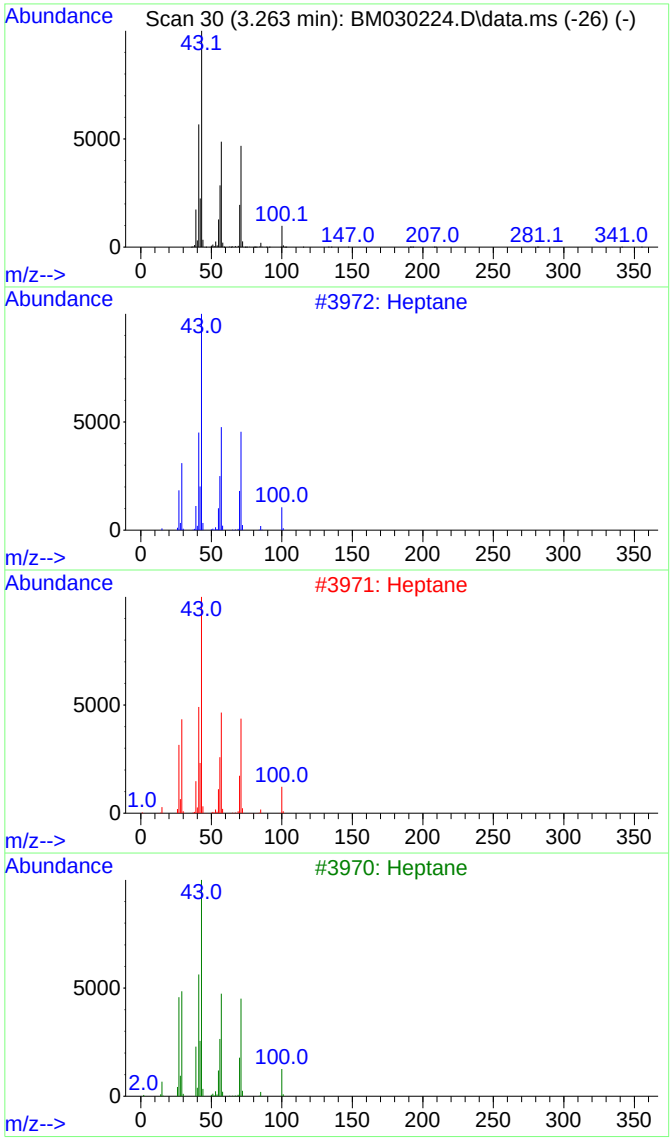
Quant Title : SVOA CALIBRATION

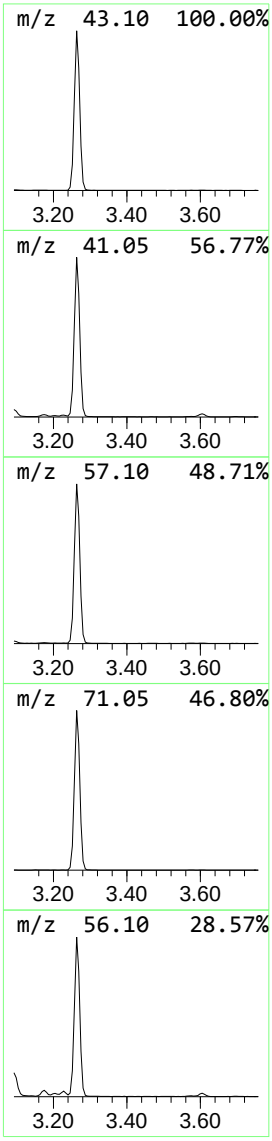
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.260	64.44 ng/ul	4821880	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	94
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	90
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	50





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Operator : CG/JU
Sample : M2511-07
Misc : GC/MS CONFIRMATION
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CL6

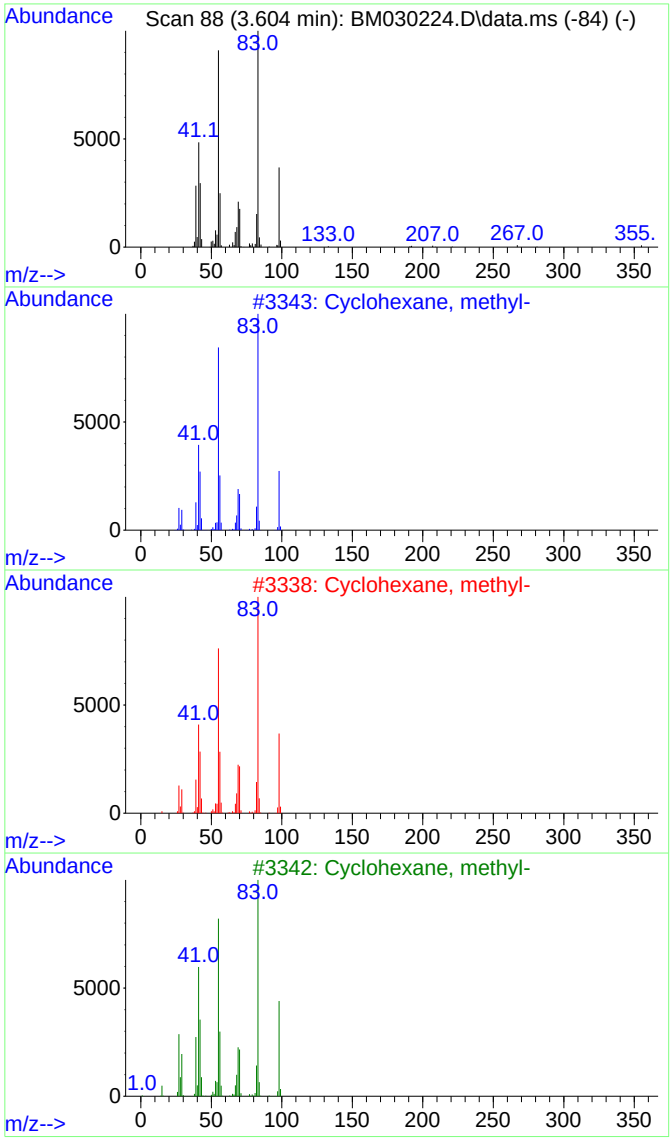
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

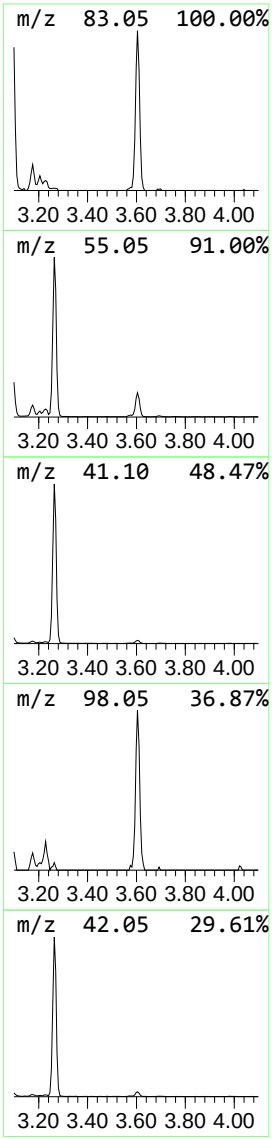
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.600	2.11 ng/ul	158239	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	76
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64





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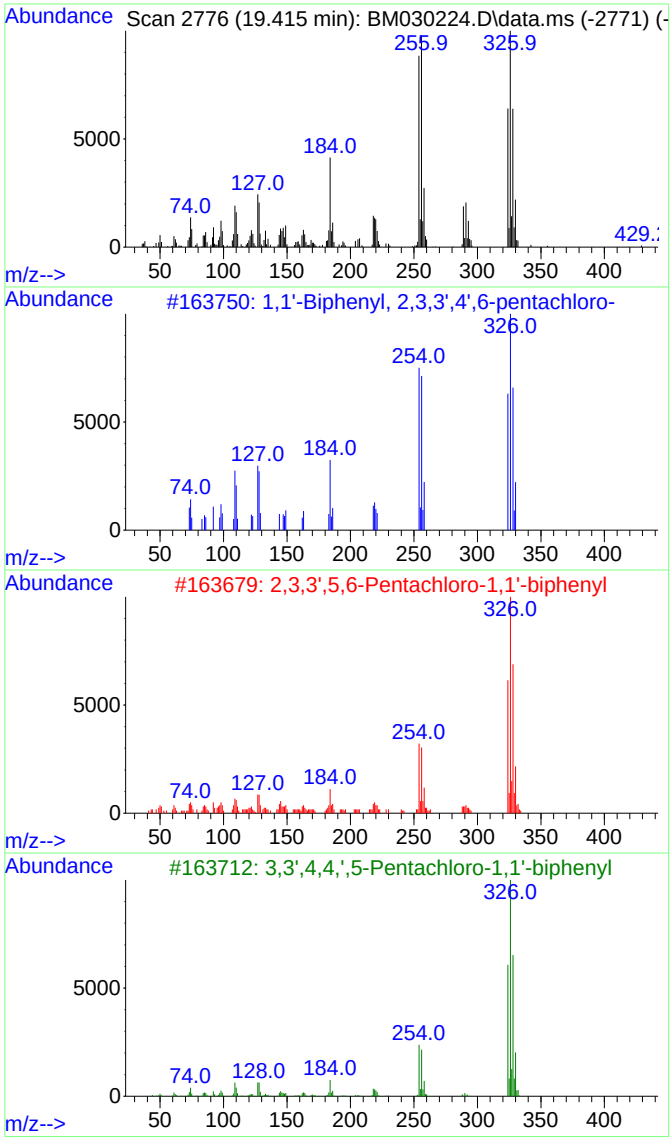
Quant Title : SVOA CALIBRATION

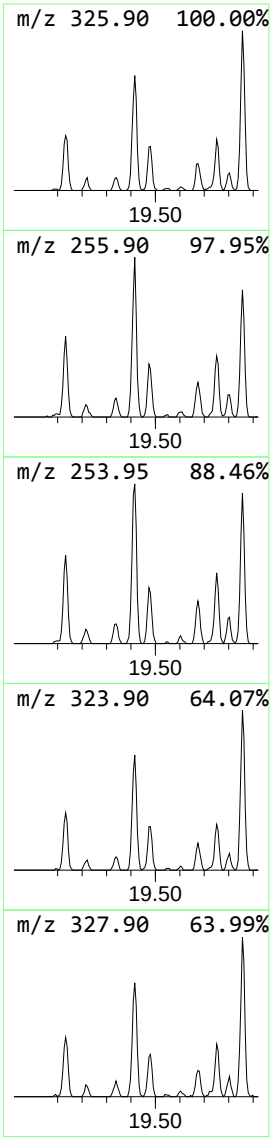
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.420	2.93 ng/ul	360393	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99





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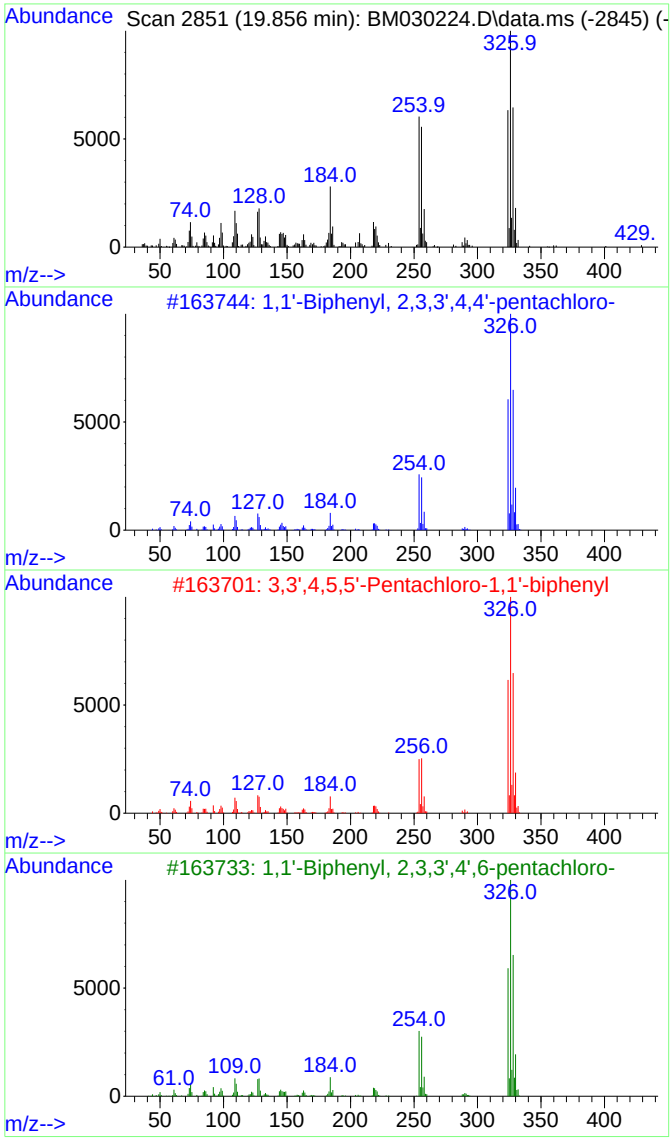
Quant Title : SVOA CALIBRATION

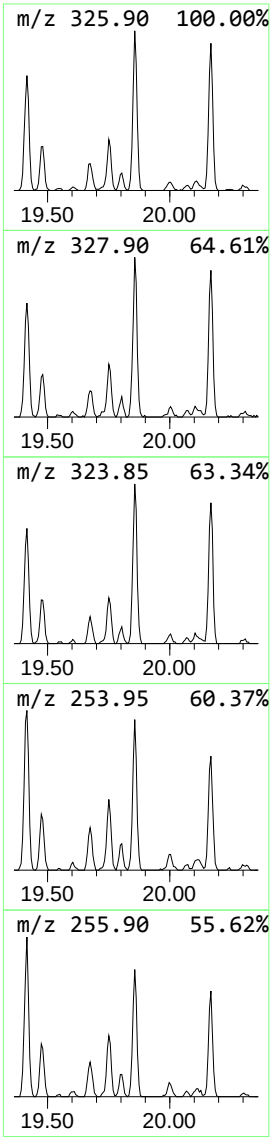
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.860	2.88 ng/ul	354445	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





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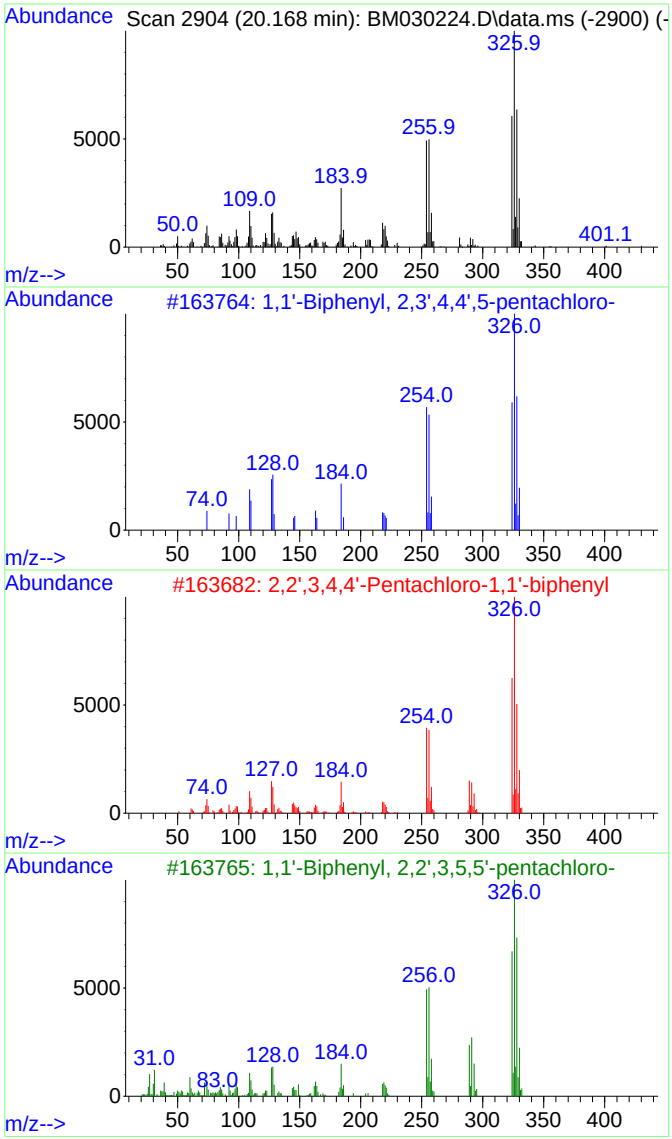
Quant Title : SVOA CALIBRATION

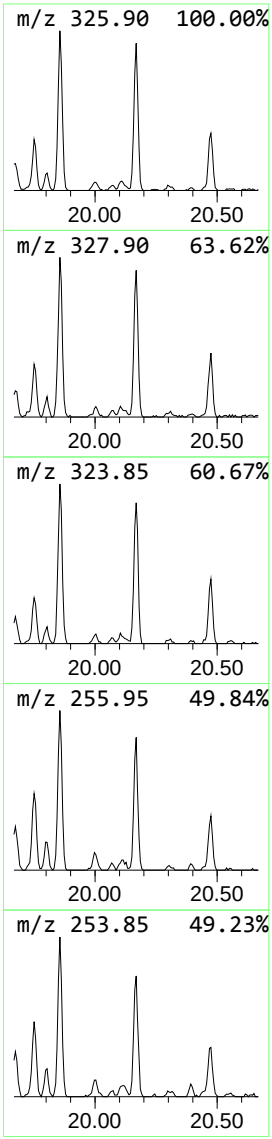
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.170	2.31 ng/ul	283916	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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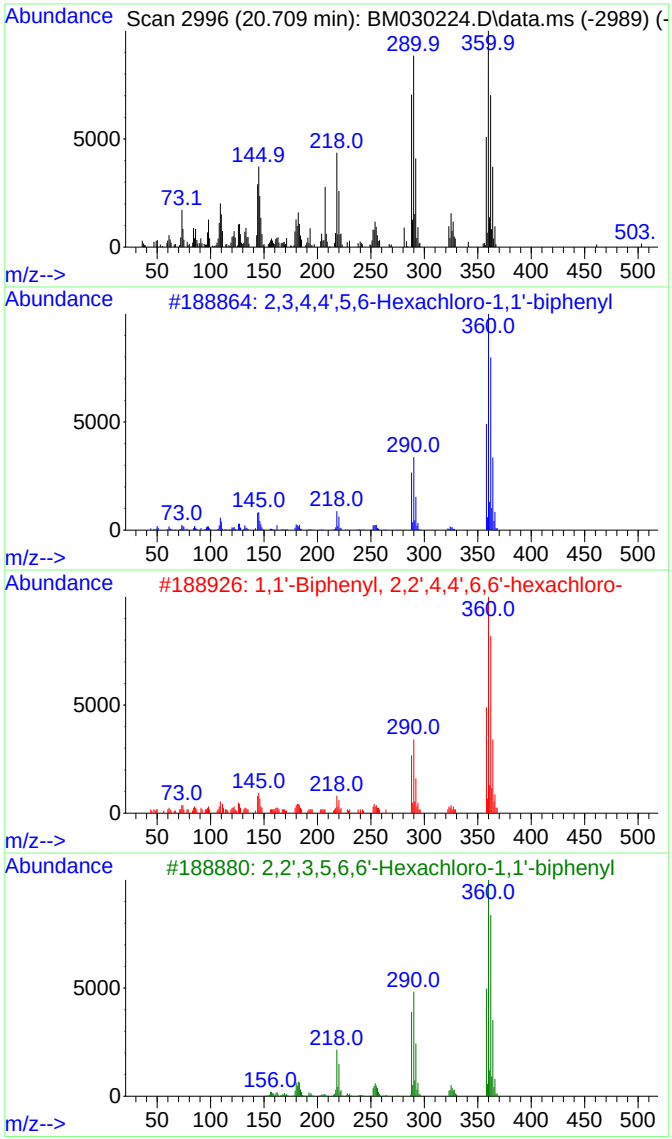
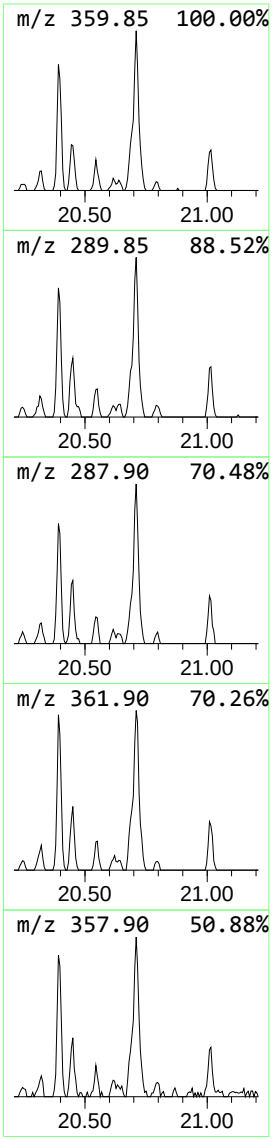
****
Peak Number 6 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.710	2.49 ng/ul	306273	Chrysene-d12	21.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99
4	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	3.260	64.4	ng/ul	4821880	1	7.869	1496600	20.0
(DEL) Alkane: C...	3.600	2.1	ng/ul	158239	1	7.869	1496600	20.0
1,1'-Biphenyl, ...	19.420	2.9	ng/ul	360393	5	21.380	2459150	20.0
1,1'-Biphenyl, ...	19.860	2.9	ng/ul	354445	5	21.380	2459150	20.0
1,1'-Biphenyl, ...	20.170	2.3	ng/ul	283916	5	21.380	2459150	20.0
2,3,4,4',5,6-He...	20.710	2.5	ng/ul	306273	5	21.380	2459150	20.0