LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033137.D
Acq On : 18 Nov 2021 01:47
Operator : CG/JU
Sample : M4677-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AB3

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-BM111721.M
Title : SVOA CALIBRATION

Signal : TIC: BM033137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.390	4	9	13	rBV	91956	126517	4.59%	0.553%
2	3.849	83	87	97	rBV	72475	119456	4.34%	0.523%
3	4.072	121	125	131	rVB4	7135	10739	0.39%	0.047%
4	4.160	138	140	144	rVB4	7062	8496	0.31%	0.037%
5	4.690	223	230	244	rBV	1832947	2754938	100.00%	12.052%
6	5.654	391	394	400	rVB8	3432	5034	0.18%	0.022%
7	7.125	638	644	654	rVB	87727	151138	5.49%	0.661%
8	7.301	664	674	683	rBV	258794	427942	15.53%	1.872%
9	7.501	700	708	715	rVB	296631	464799	16.87%	2.033%
10	7.972	780	788	795	rBV	289590	467131	16.96%	2.044%
11	8.025	795	797	802	rBV4	2423	3396	0.12%	0.015%
12	8.666	898	906	917	rBV2	235735	398342	14.46%	1.743%
13	9.131	978	985	993	rBV	347589	573763	20.83%	2.510%
14	9.213	997	999	1002	rVB4	2525	3083	0.11%	0.013%
15	9.536	1048	1054	1057	rBV6	3746	6251	0.23%	0.027%
16	9.848	1100	1107	1114	rBV	253957	430346	15.62%	1.883%
17	10.383	1191	1198	1208	rVB	438983	744353	27.02%	3.256%
18	10.548	1220	1226	1233	rBV3	13183	25228	0.92%	0.110%
19	10.595	1233	1234	1239	rVB3	2345	2782	0.10%	0.012%
20	10.772	1256	1264	1273	rBV	361800	635934	23.08%	2.782%
21	10.901	1277	1286	1297	rBV	326884	576362	20.92%	2.521%
22	12.348	1528	1532	1537	rBV2	8448	12267	0.45%	0.054%
23	12.936	1627	1632	1638	rBV7	3083	7287	0.26%	0.032%
24	13.207	1674	1678	1680	rBV4	2533	3282	0.12%	0.014%
25	13.995	1806	1812	1819	rBV	800998	1123065	40.77%	4.913%
26	14.230	1849	1852	1854	rBV4	2925	3435	0.12%	0.015%
27	14.283	1854	1861	1868	rVV	850025	1284310	46.62%	5.619%
28	14.460	1886	1891	1892	rBV3	2158	2814	0.10%	0.012%
29	14.477	1892	1894	1899	rVB5	2727	4117	0.15%	0.018%
30	14.589	1906	1913	1920	rBV	535786	802130	29.12%	3.509%
31	14.765	1935	1943	1948	rBV2	63429	101746	3.69%	0.445%
32	15.001	1976	1983	1987	rBV9	4429	9503	0.34%	0.042%
33	15.371	2042	2046	2047	rBV4	2550	3360	0.12%	0.015%
34	15.577	2073	2081	2088	rBV	1131468	1620407	58.82%	7.089%
35	15.683	2093	2099	2107	rBV	293238	411794	14.95%	1.802%
36	15.812	2119	2121	2126	rVB6	5855	8049	0.29%	0.035%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

37	16.077	2164	2166	2170	rVB5	2741	2975	0.11%	0.013%
38	16.118	2171	2173	2176	rBV4	2113	2835	0.10%	0.012%
39	16.277	2198	2200	2206	rBV6	3519	5628	0.20%	0.025%
40	16.424	2222	2225	2226	rBV3	2870	3396	0.12%	0.015%
41	16.895	2302	2305	2309	rBV5	7077	9195	0.33%	0.040%
42	17.324	2372	2378	2385	rBV	620511	903963	32.81%	3.955%
43	17.424	2388	2395	2404	rBV	1190146	1703869	61.85%	7.454%
44	17.512	2409	2410	2412	rBV2	5857	3244	0.12%	0.014%
45	17.989	2487	2491	2494	rVB5	11325	13621	0.49%	0.060%
46	18.206	2524	2528	2534	rBV	101332	142286	5.16%	0.622%
47	18.706	2608	2613	2618	rBV2	75943	111649	4.05%	0.488%
48	19.477	2740	2744	2751	rBV3	81916	130038	4.72%	0.569%
49	19.700	2776	2782	2791	rBV	1466099	2031296	73.73%	8.887%
50	20.036	2834	2839	2843	rBV	136881	187554	6.81%	0.821%
51	21.183	3031	3034	3038	rBV4	74940	79992	2.90%	0.350%
52	21.477	3079	3084	3090	rBV	802546	1047908	38.04%	4.584%
53	23.671	3451	3457	3468	rVB2	1059748	2121176	77.00%	9.280%
54	23.824	3478	3483	3491	rVB	514853	1023796	37.16%	4.479%

Sum of corrected areas: 22858017

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ClientSampleId :
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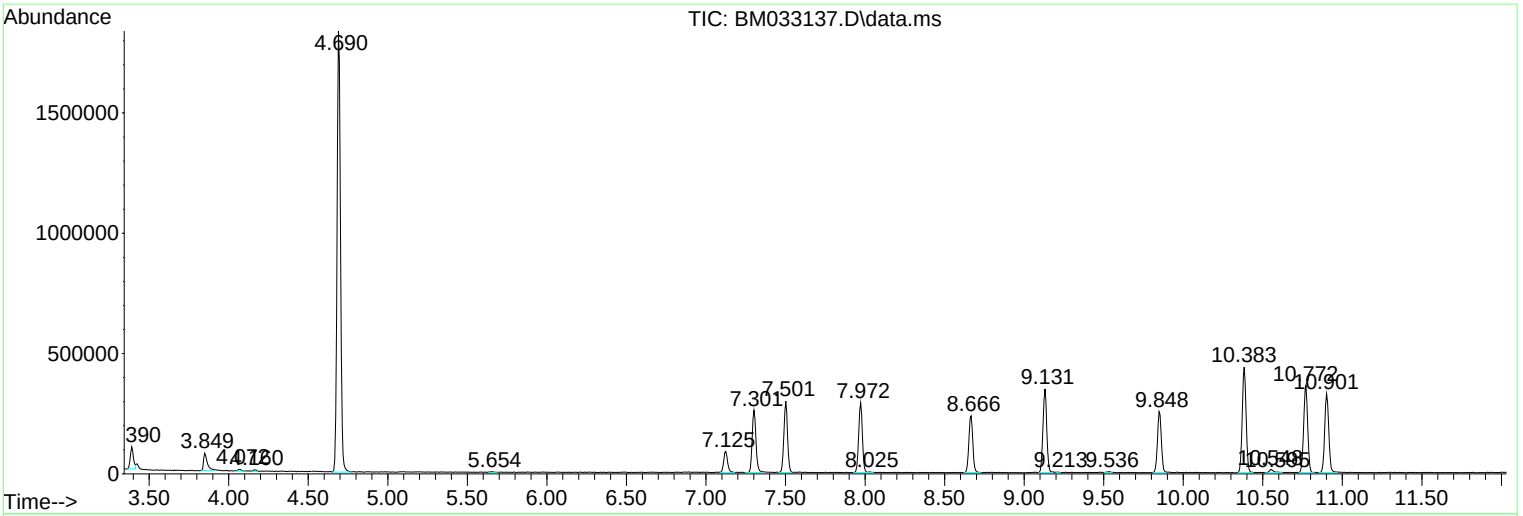
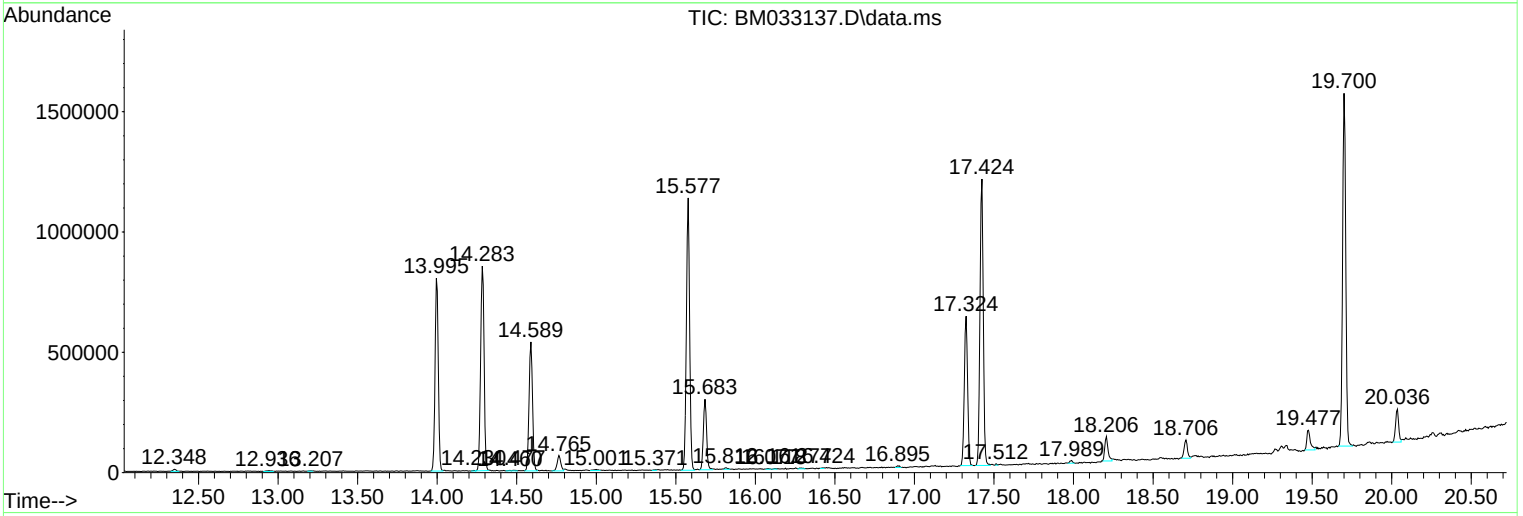
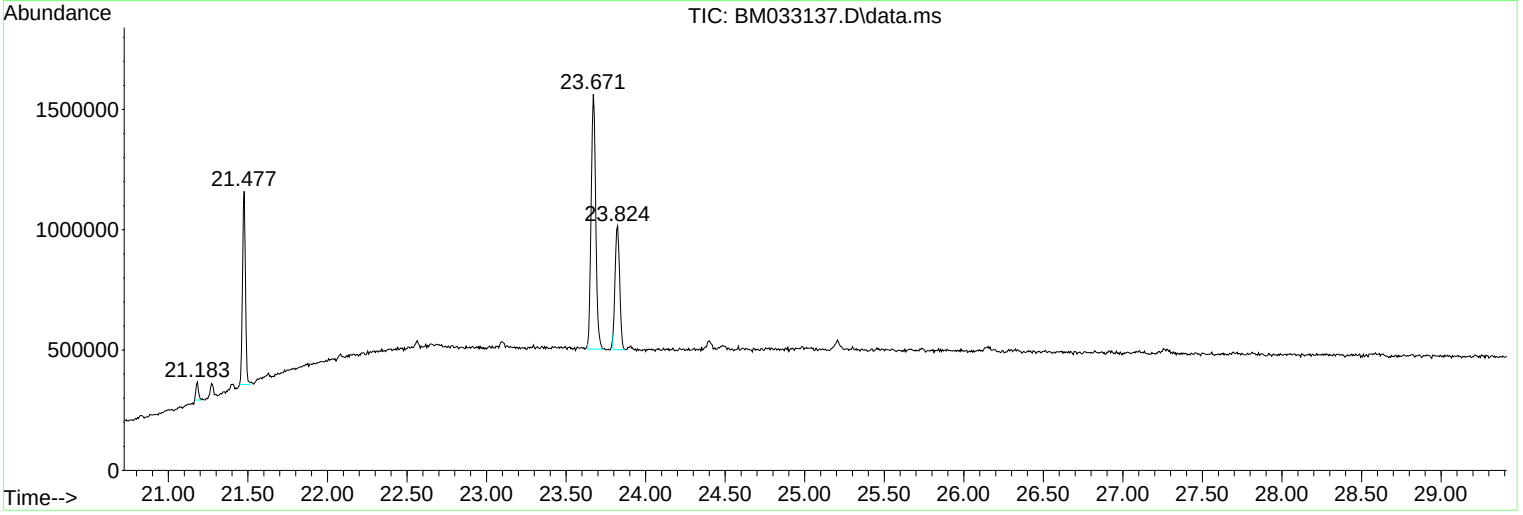
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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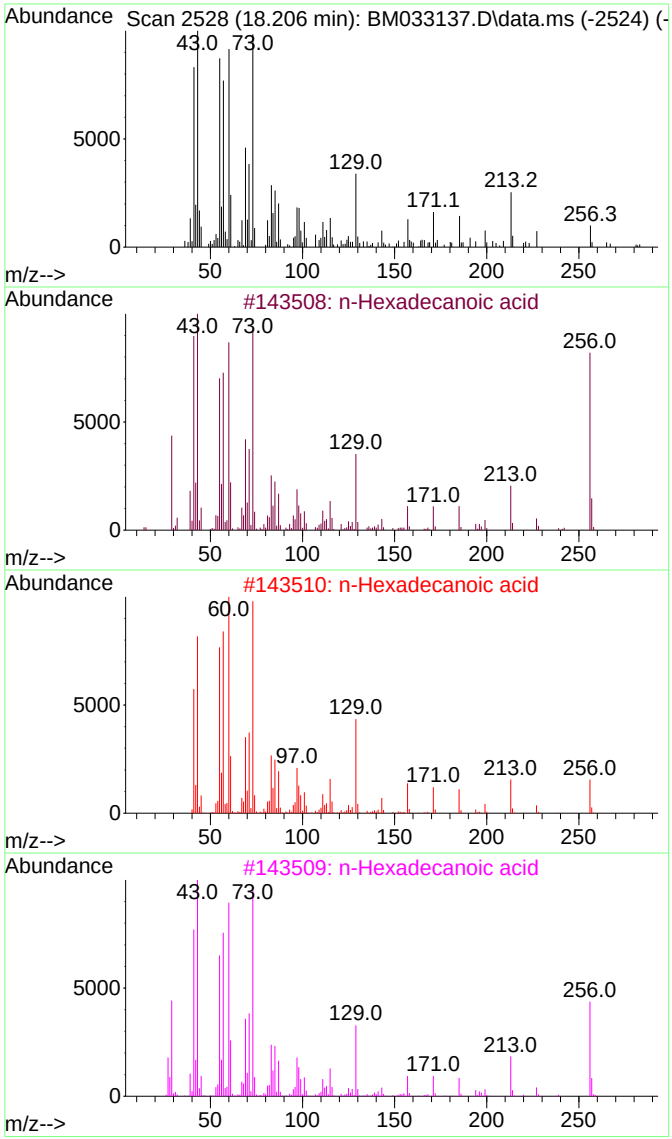
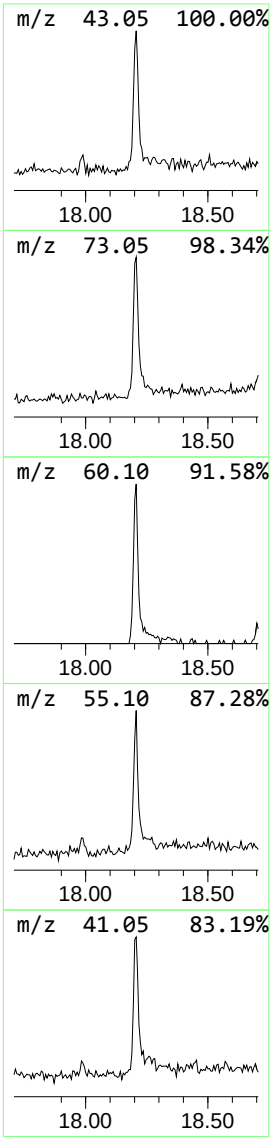
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	3.15 ng/ul	142286	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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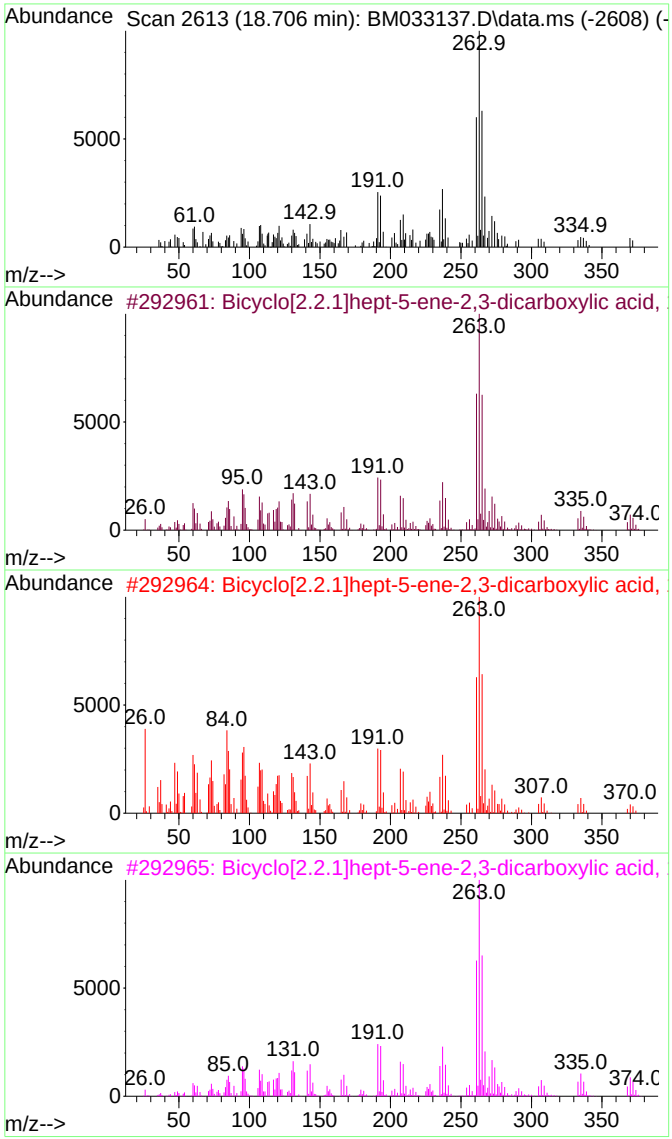
Quant Title : SVOA CALIBRATION

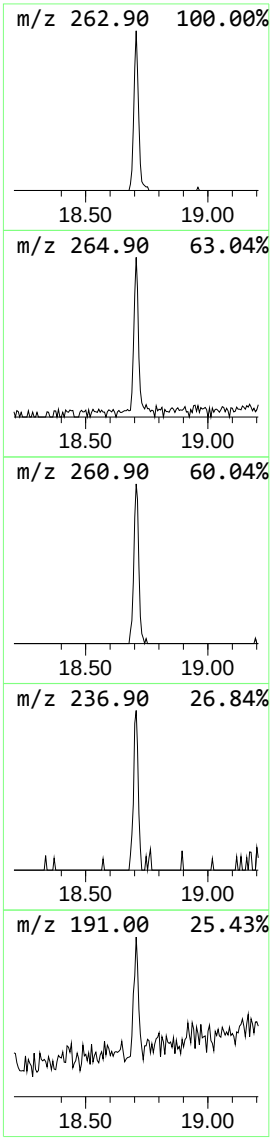
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[2.2.1]hept-5-ene-2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.706	2.47 ng/ul	111649	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-5-ene-2,3-dic...	386	C9H4Cl6O4	000115-28-6	91
2	Bicyclo[2.2.1]hept-5-ene-2,3-dic...	386	C9H4Cl6O4	000115-28-6	91
3	Bicyclo[2.2.1]hept-5-ene-2,3-dic...	386	C9H4Cl6O4	000115-28-6	64
4	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	64
5	Alpha,2,3,4,5,6-hexachlorotoluene	296	C7H2Cl6	002136-78-9	58





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Quant Title : SVOA CALIBRATION

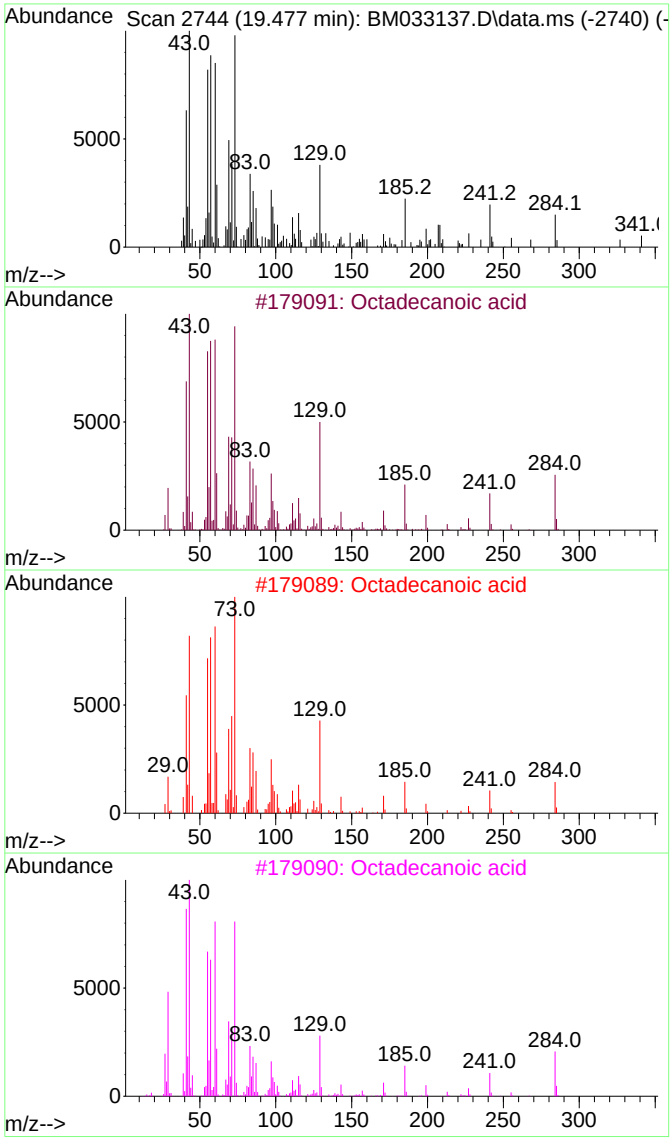
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

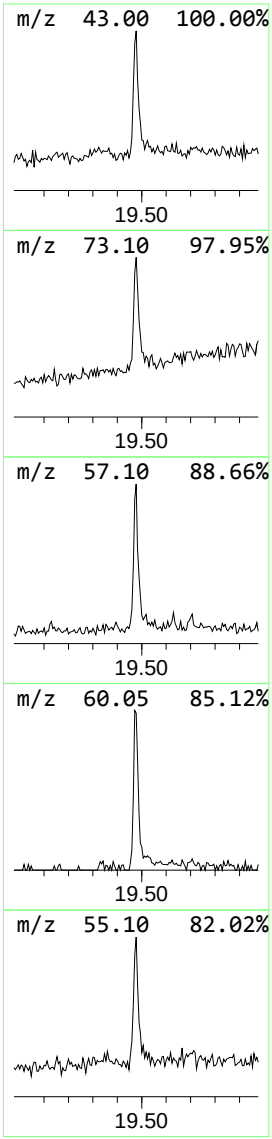
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.477	2.48 ng/ul	130038	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Instrument :
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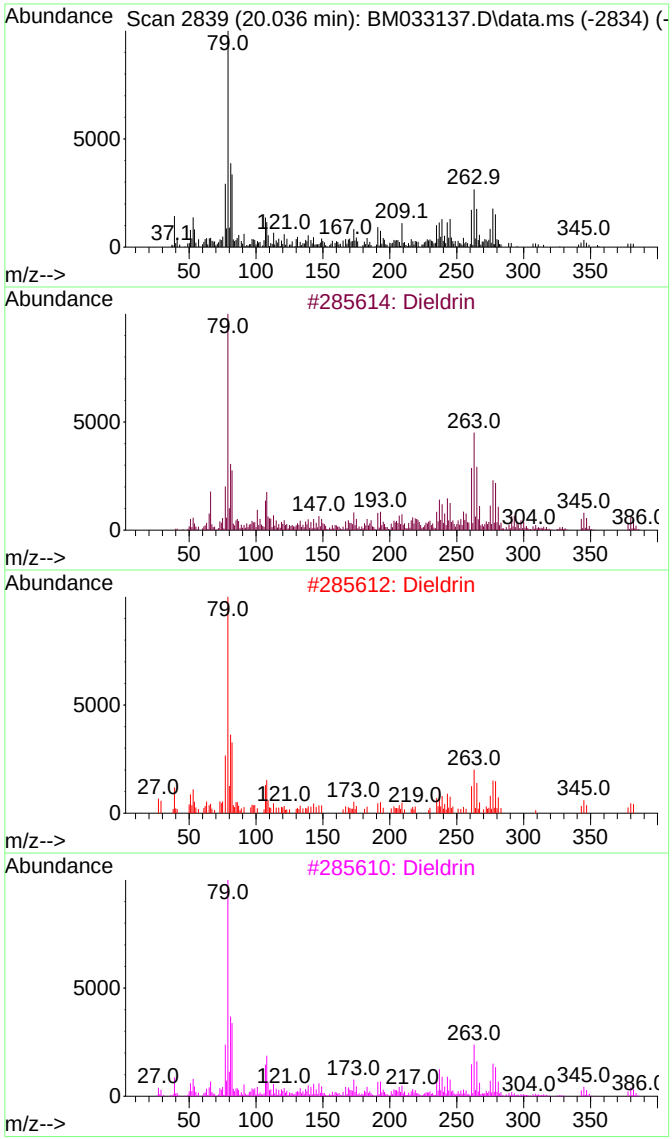
Quant Title : SVOA CALIBRATION

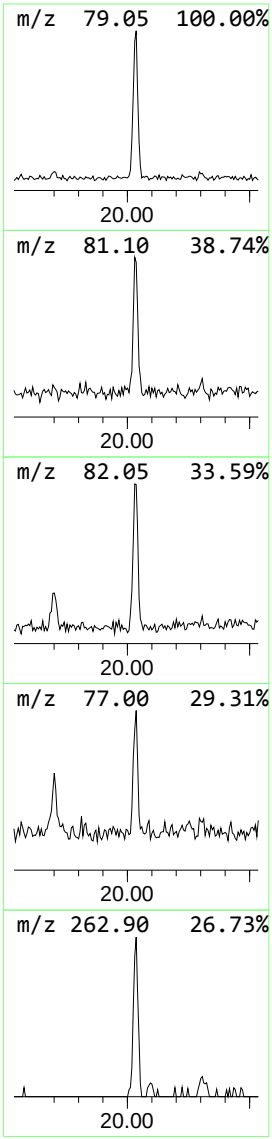
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dieldrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.036	3.58 ng/ul	187554	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	95
2	Dieldrin	378	C12H8Cl6O	000060-57-1	94
3	Dieldrin	378	C12H8Cl6O	000060-57-1	83
4	Dieldrin	378	C12H8Cl6O	000060-57-1	78
5	Dieldrin	378	C12H8Cl6O	000060-57-1	60





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.206	3.1	ng/ul	142286	4	17.324	903963	20.0
Bicyclo[2.2.1]h...	18.706	2.5	ng/ul	111649	4	17.324	903963	20.0
Octadecanoic acid	19.477	2.5	ng/ul	130038	5	21.477	1047910	20.0
Dieldrin	20.036	3.6	ng/ul	187554	5	21.477	1047910	20.0