LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030744.D
Acq On : 01 Jul 2021 15:37
Operator : CG/JU
Sample : M2825-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR2

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030744.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	27	31	39	rVB	17485	26120	0.54%	0.133%
2	3.587	81	85	89	rBV2	3940	6878	0.14%	0.035%
3	3.693	100	103	120	rBV	105985	238172	4.88%	1.210%
4	3.993	151	154	159	rVB	5359	7999	0.16%	0.041%
5	4.934	309	314	319	rBV3	5488	10094	0.21%	0.051%
6	6.945	646	656	665	rBV	241363	411118	8.42%	2.089%
7	7.110	676	684	698	rBV	184725	301820	6.18%	1.534%
8	7.310	711	718	727	rBV	256864	419163	8.59%	2.130%
9	7.428	734	738	742	rBV2	3954	7643	0.16%	0.039%
10	7.775	789	797	805	rBV	303380	474257	9.72%	2.410%
11	7.845	805	809	815	rVB2	5846	10414	0.21%	0.053%
12	8.475	909	916	930	rBV	264175	452744	9.28%	2.301%
13	8.934	985	994	1008	rBV	203878	356259	7.30%	1.810%
14	9.651	1108	1116	1128	rBV	160748	278425	5.70%	1.415%
15	10.186	1200	1207	1223	rBV	236942	434788	8.91%	2.209%
16	10.563	1263	1271	1279	rBV	339872	586727	12.02%	2.981%
17	10.704	1286	1295	1311	rBV	208429	421138	8.63%	2.140%
18	12.163	1537	1543	1549	rVB5	2782	5211	0.11%	0.026%
19	13.298	1732	1736	1742	rVB3	5526	9161	0.19%	0.047%
20	13.704	1801	1805	1810	rBV	4029	6915	0.14%	0.035%
21	13.816	1817	1824	1828	rBV	360764	536322	10.99%	2.725%
22	13.863	1828	1832	1840	rVB	193055	274577	5.63%	1.395%
23	14.098	1860	1872	1883	rBV	453502	690562	14.15%	3.509%
24	14.404	1915	1924	1931	rBV	476388	686832	14.07%	3.490%
25	14.610	1953	1959	1974	rBV	77981	195882	4.01%	0.995%
26	15.310	2073	2078	2083	rBV	13072	25206	0.52%	0.128%
27	15.398	2083	2093	2101	rVB	573517	873530	17.90%	4.439%
28	15.521	2109	2114	2126	rBV	109799	170712	3.50%	0.867%
29	15.633	2131	2133	2144	rVB4	5810	8904	0.18%	0.045%
30	16.380	2255	2260	2263	rBV	5424	7689	0.16%	0.039%
31	16.710	2311	2316	2328	rBV	31272	63991	1.31%	0.325%
32	17.139	2384	2389	2400	rBV	515969	757987	15.53%	3.852%
33	17.239	2400	2406	2417	rVV2	599123	874606	17.92%	4.444%
34	17.951	2524	2527	2532	rBV5	4199	6146	0.13%	0.031%
35	18.033	2536	2541	2547	rBV	52198	81793	1.68%	0.416%
36	18.468	2609	2615	2625	rBV	350362	508659	10.42%	2.585%

LSC Area Percent Report

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Instrument : BNA_M
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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-BM062221.M
Title : SVOA CALIBRATION

37	18.609	2637	2639	2644	rVB5	5293	6696	0.14%	0.034%
38	18.798	2667	2671	2674	rVB	12660	14732	0.30%	0.075%
39	19.168	2730	2734	2737	rBV2	7561	10075	0.21%	0.051%
40	19.251	2744	2748	2752	rBV4	9978	12258	0.25%	0.062%
41	19.315	2755	2759	2763	rBV5	13617	19004	0.39%	0.097%
42	19.421	2774	2777	2778	rBV2	4996	5423	0.11%	0.028%
43	19.527	2789	2795	2804	rBV	750446	1054680	21.61%	5.359%
44	20.527	2960	2965	2969	rBV	4433910	4880682	100.00%	24.801%
45	21.021	3045	3049	3057	rBV	110843	154118	3.16%	0.783%
46	21.309	3093	3098	3105	rBV	736377	940254	19.26%	4.778%
47	23.415	3450	3456	3468	rVB	653699	1304980	26.74%	6.631%
48	23.562	3475	3481	3488	rVB2	568758	1048386	21.48%	5.327%

Sum of corrected areas: 19679732

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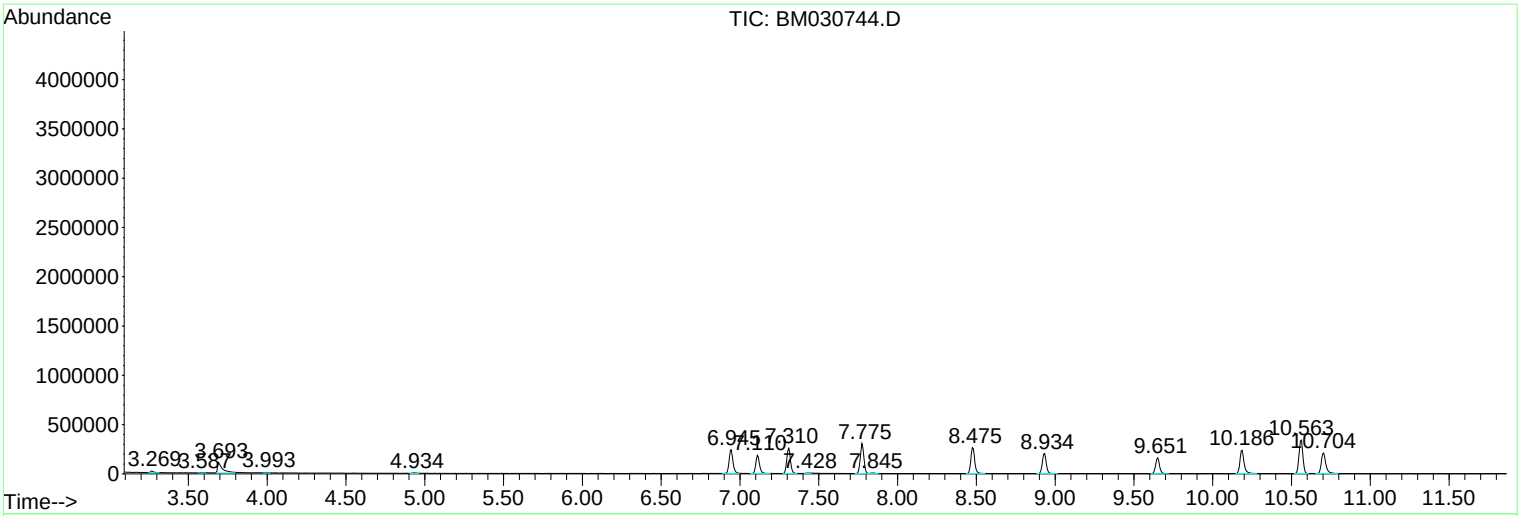
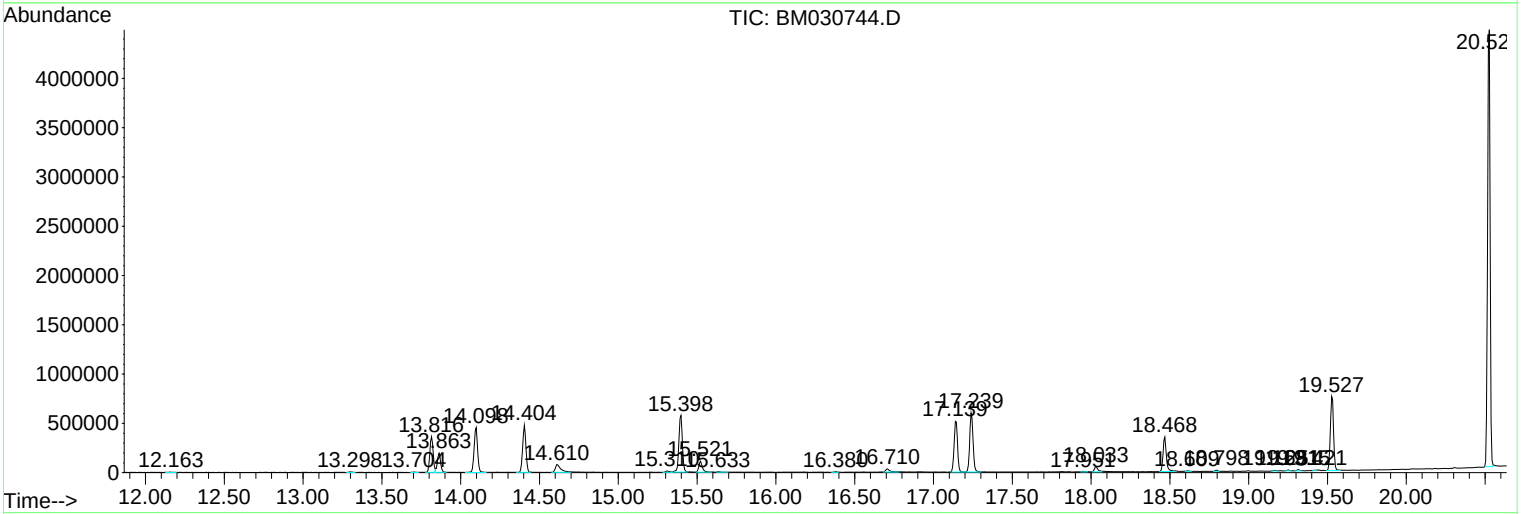
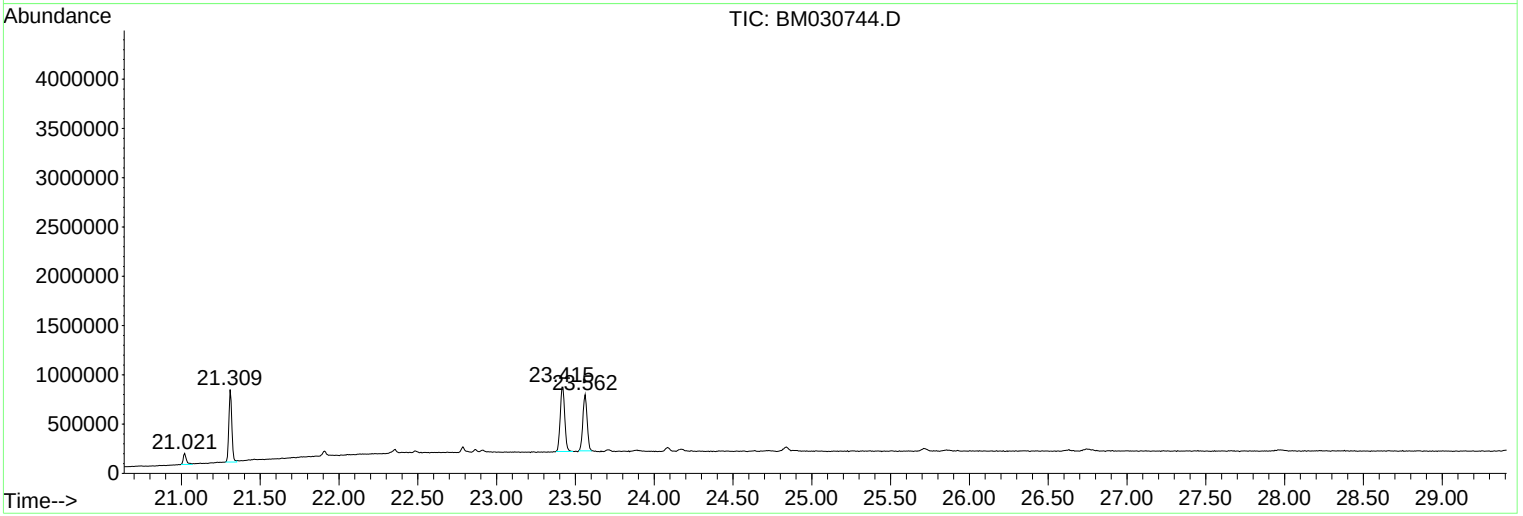
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







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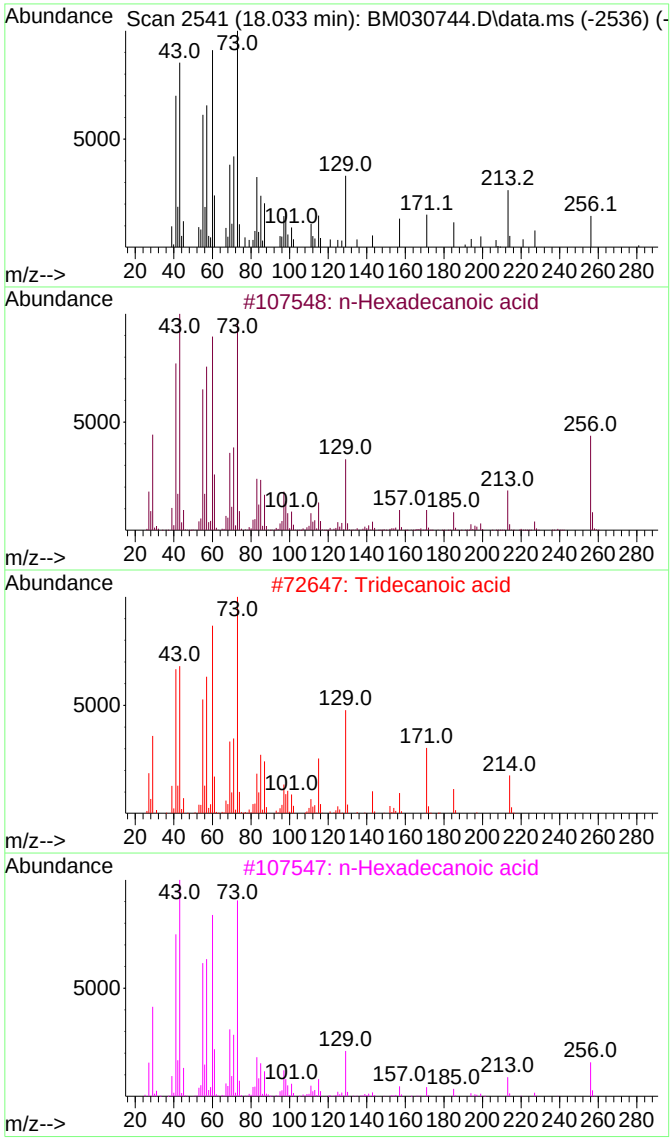
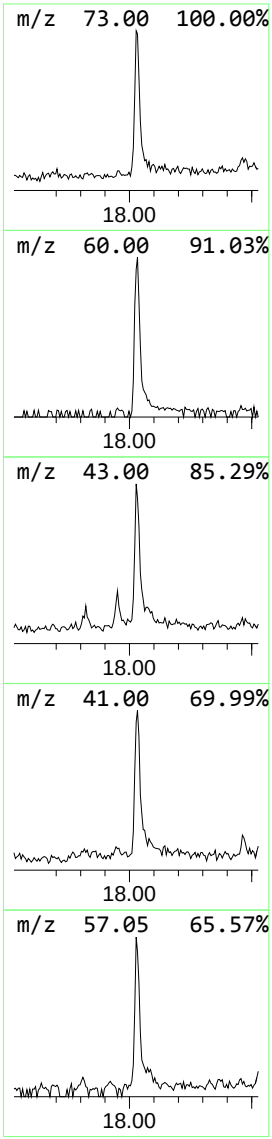
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	2.16 ng/ul	81793	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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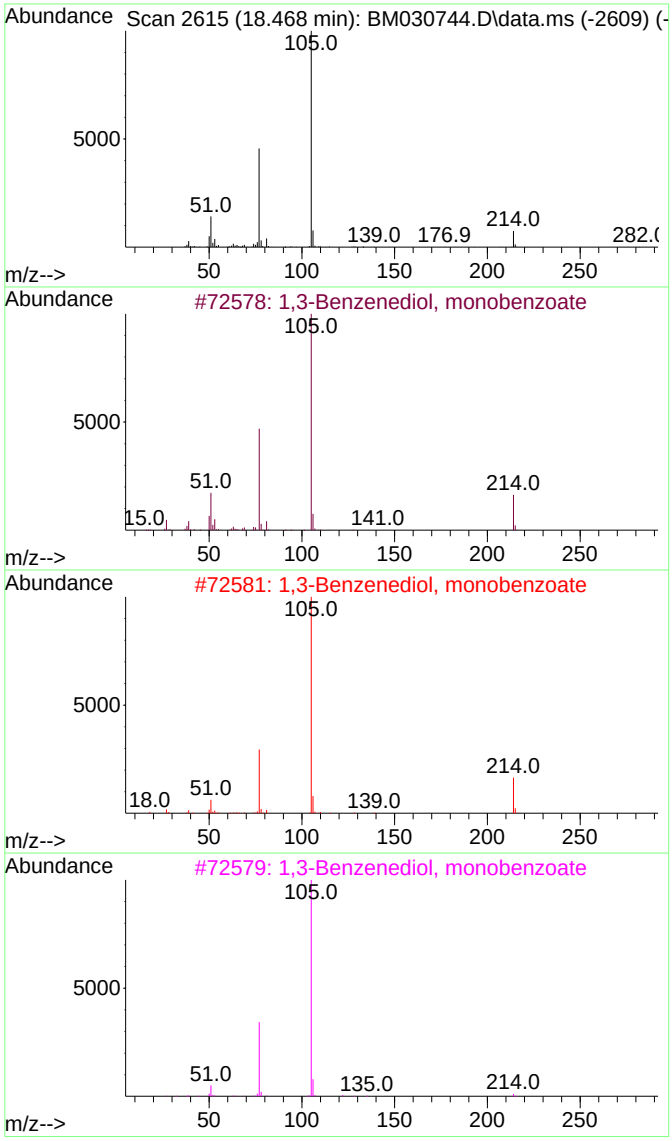
Quant Title : SVOA CALIBRATION

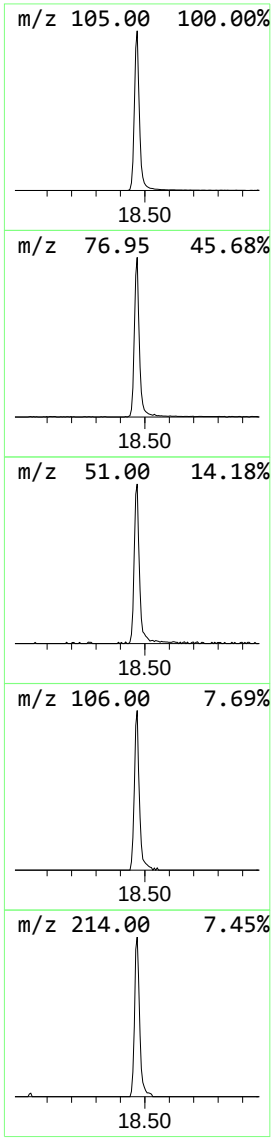
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	13.42 ng/ul	508659	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	86
4	N-(4-Fluorophenyl)-.alpha.-phene...	215	C14H14FN	148254-55-1	72
5	(1-Oxa-2-aza-spiro[2.5]oct-2-yl)...	217	C13H15NO2	002289-83-0	72





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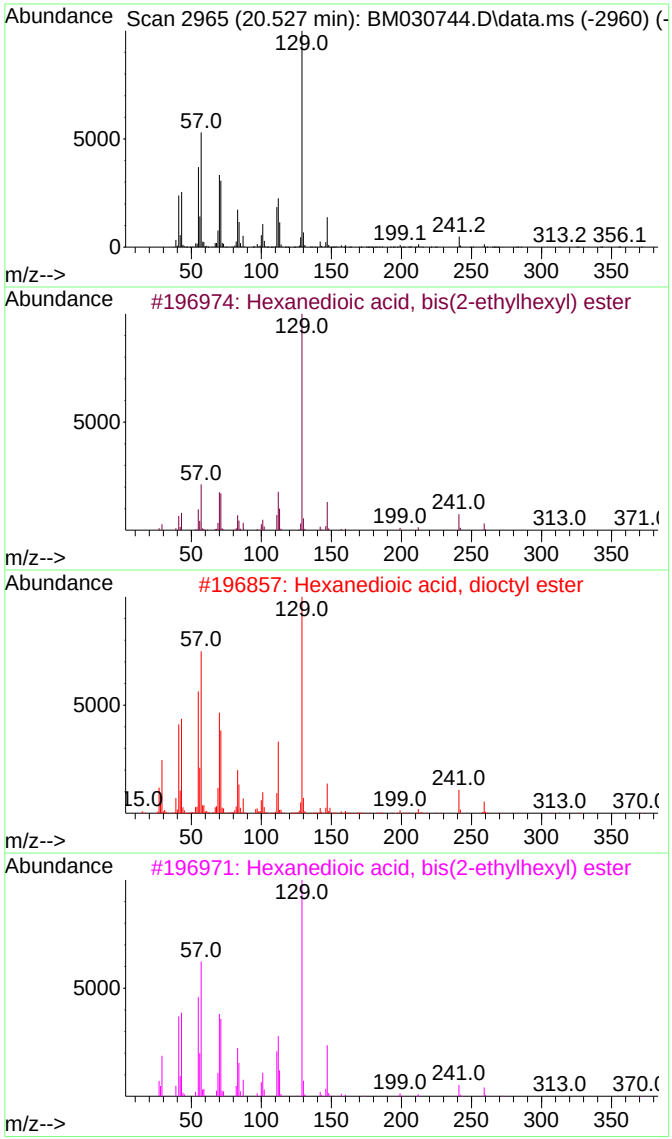
Quant Title : SVOA CALIBRATION

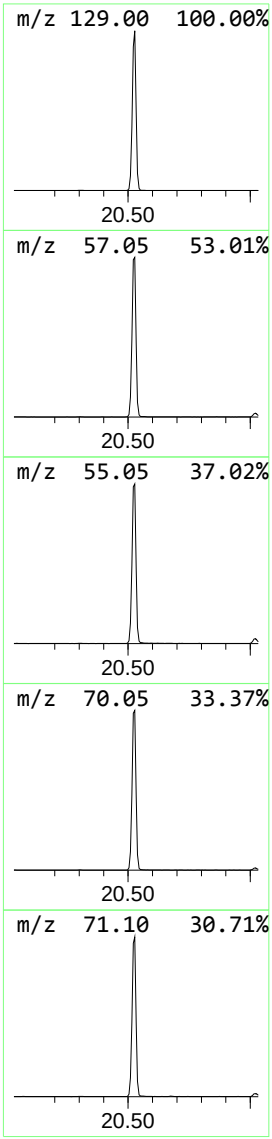
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.530	103.82 ng/ul	4880680	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	62





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Quant Title : SVOA CALIBRATION

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

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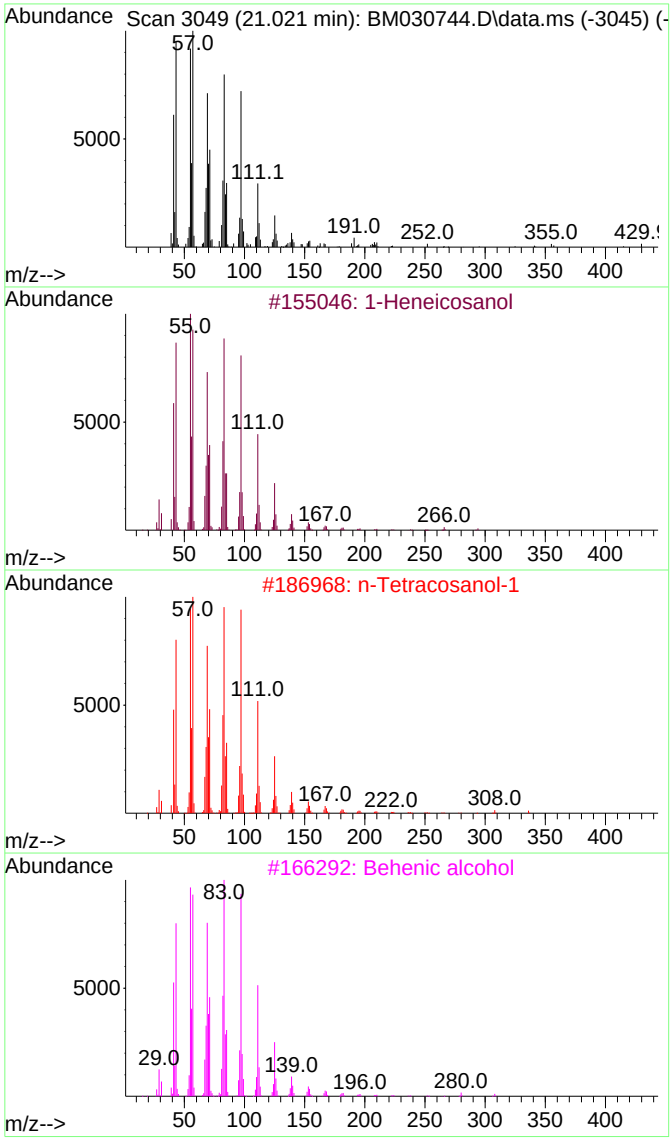
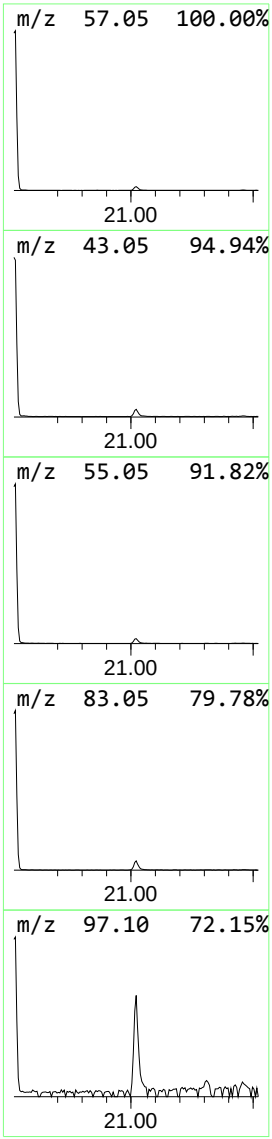
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.020	3.28 ng/ul	154118	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.030	2.2	ng/ul	81793	4	17.139	757987	20.0
1,3-Benzenediol...	18.470	13.4	ng/ul	508659	4	17.139	757987	20.0
Hexanedioic aci...	20.530	103.8	ng/ul	4880680	5	21.309	940254	20.0
1-Heneicosanol	21.020	3.3	ng/ul	154118	5	21.309	940254	20.0