LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030763.D
Acq On : 02 Jul 2021 03:50
Operator : CG/JU
Sample : M2825-03
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDQ6

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: BM030763.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	39	rVB	18025	24674	0.63%	0.123%
2	3.569	80	82	90	rBV2	4090	8409	0.21%	0.042%
3	3.687	99	102	124	rBV	122901	283426	7.20%	1.417%
4	3.993	149	154	159	rVB3	5821	8922	0.23%	0.045%
5	6.793	623	630	635	rBV7	2083	5240	0.13%	0.026%
6	6.940	646	655	669	rBV	271827	451101	11.46%	2.255%
7	7.110	677	684	701	rBV	200707	334495	8.50%	1.672%
8	7.304	710	717	728	rBV	276434	446836	11.35%	2.233%
9	7.410	731	735	751	rVV2	8919	27735	0.70%	0.139%
10	7.769	790	796	803	rBV	303034	487553	12.39%	2.437%
11	7.840	805	808	815	rVB3	5845	7936	0.20%	0.040%
12	8.475	909	916	928	rBV	311232	510922	12.98%	2.554%
13	8.928	986	993	1007	rBV	238785	394903	10.03%	1.974%
14	9.645	1109	1115	1128	rBV	184392	312577	7.94%	1.562%
15	10.181	1199	1206	1221	rBV	271025	490969	12.48%	2.454%
16	10.410	1240	1245	1249	rBV5	2062	4556	0.12%	0.023%
17	10.557	1261	1270	1279	rBV	378745	646363	16.42%	3.231%
18	10.698	1287	1294	1311	rBV	249841	483554	12.29%	2.417%
19	12.151	1537	1541	1548	rVB3	3481	6255	0.16%	0.031%
20	13.298	1730	1736	1742	rBV	32817	50223	1.28%	0.251%
21	13.704	1799	1805	1810	rBV5	2328	4559	0.12%	0.023%
22	13.810	1817	1823	1828	rBV	429881	638665	16.23%	3.192%
23	13.857	1828	1831	1843	rVB	208570	314019	7.98%	1.569%
24	14.092	1861	1871	1881	rBV	542623	802241	20.38%	4.010%
25	14.404	1917	1924	1931	rBV	489683	758032	19.26%	3.789%
26	14.610	1949	1959	1974	rBV	96914	239904	6.10%	1.199%
27	15.310	2073	2078	2083	rBV	8462	15143	0.38%	0.076%
28	15.392	2083	2092	2103	rVV	675799	993488	25.24%	4.965%
29	15.521	2108	2114	2127	rVV	122352	200291	5.09%	1.001%
30	15.639	2129	2134	2139	rVB4	6885	10676	0.27%	0.053%
31	16.174	2221	2225	2229	rVB5	3431	5044	0.13%	0.025%
32	16.286	2238	2244	2248	rBV5	2723	4294	0.11%	0.021%
33	16.374	2254	2259	2264	rBV2	7033	10577	0.27%	0.053%
34	16.704	2310	2315	2323	rBV	17335	33153	0.84%	0.166%
35	17.139	2381	2389	2399	rBV	560156	812017	20.63%	4.058%
36	17.239	2399	2406	2418	rVV	683179	972088	24.70%	4.858%

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Integrator: RTE
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Title : SVOA CALIBRATION

37	17.909	2516	2520	2522	rBV5	2590	4289	0.11%	0.021%
38	17.945	2523	2526	2532	rVB3	4392	6096	0.15%	0.030%
39	18.027	2536	2540	2550	rBV	56504	90342	2.30%	0.452%
40	18.462	2608	2614	2623	rBV	298011	443423	11.27%	2.216%
41	18.792	2667	2670	2676	rVB	13218	16986	0.43%	0.085%
42	18.886	2684	2686	2690	rVB5	3935	4432	0.11%	0.022%
43	19.168	2731	2734	2736	rVB2	6435	5807	0.15%	0.029%
44	19.309	2755	2758	2764	rBV7	9740	15448	0.39%	0.077%
45	19.527	2789	2795	2806	rBV	830400	1148441	29.18%	5.740%
46	20.521	2959	2964	2969	rBV	3711951	3935538	100.00%	19.670%
47	21.015	3044	3048	3056	rBV	108885	159784	4.06%	0.799%
48	21.309	3093	3098	3105	rBV	715209	935033	23.76%	4.673%
49	23.409	3449	3455	3466	rVB	702169	1359446	34.54%	6.794%
50	23.556	3474	3480	3491	rVB2	551104	1082190	27.50%	5.409%

Sum of corrected areas: 20008095

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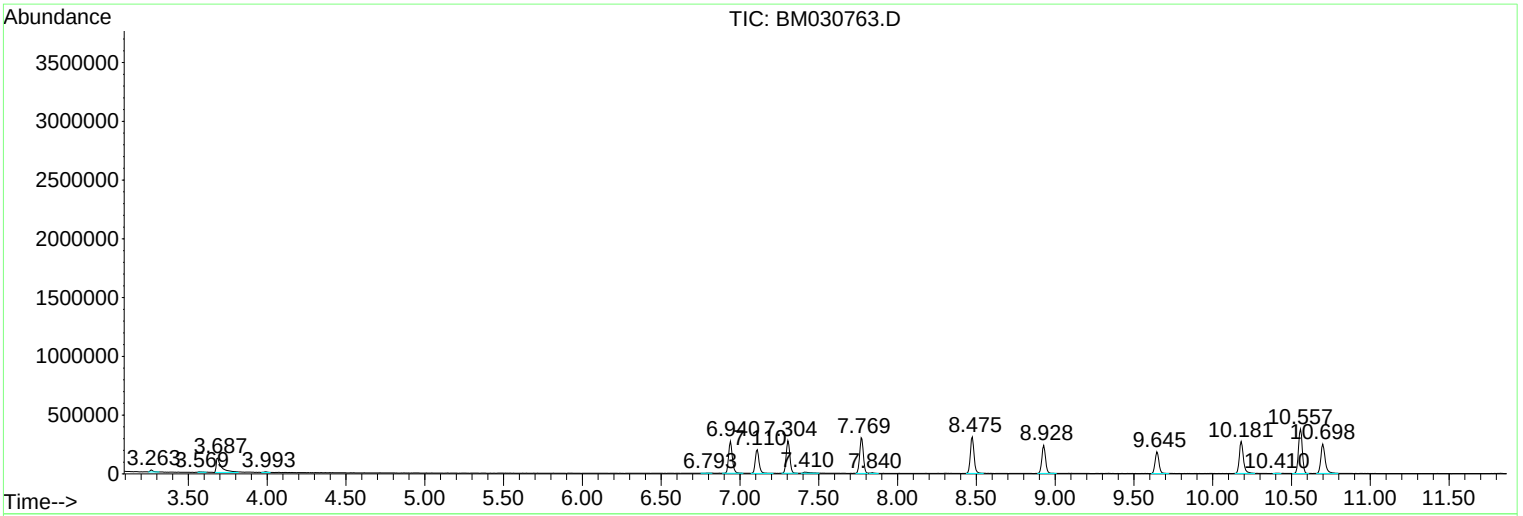
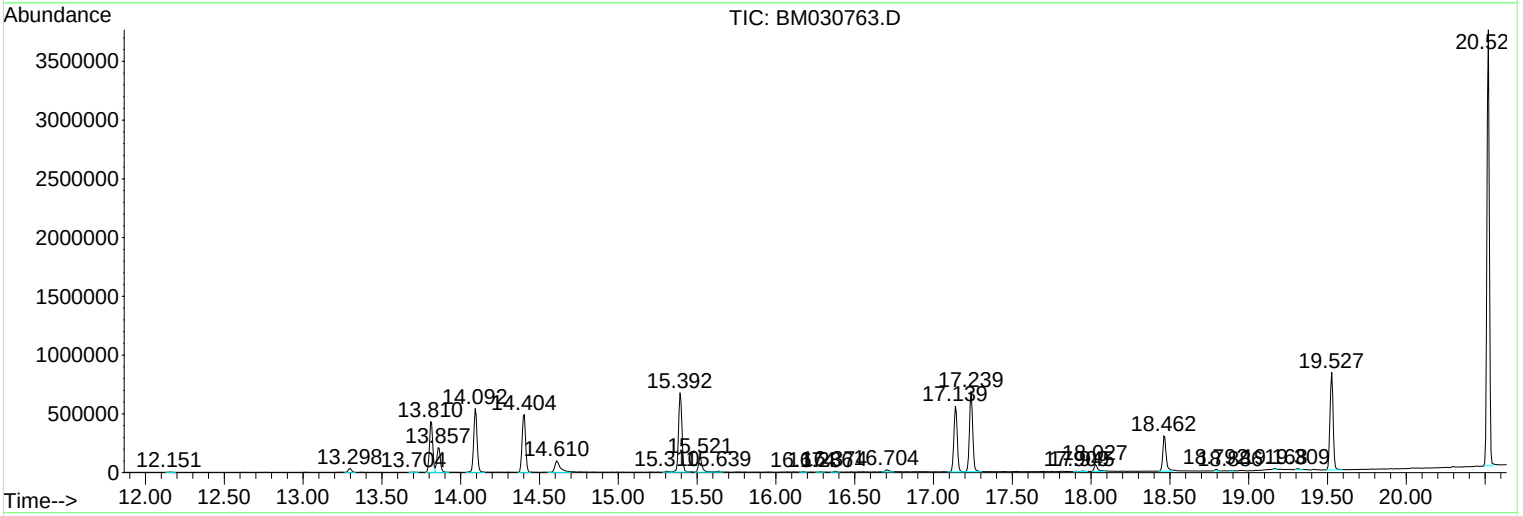
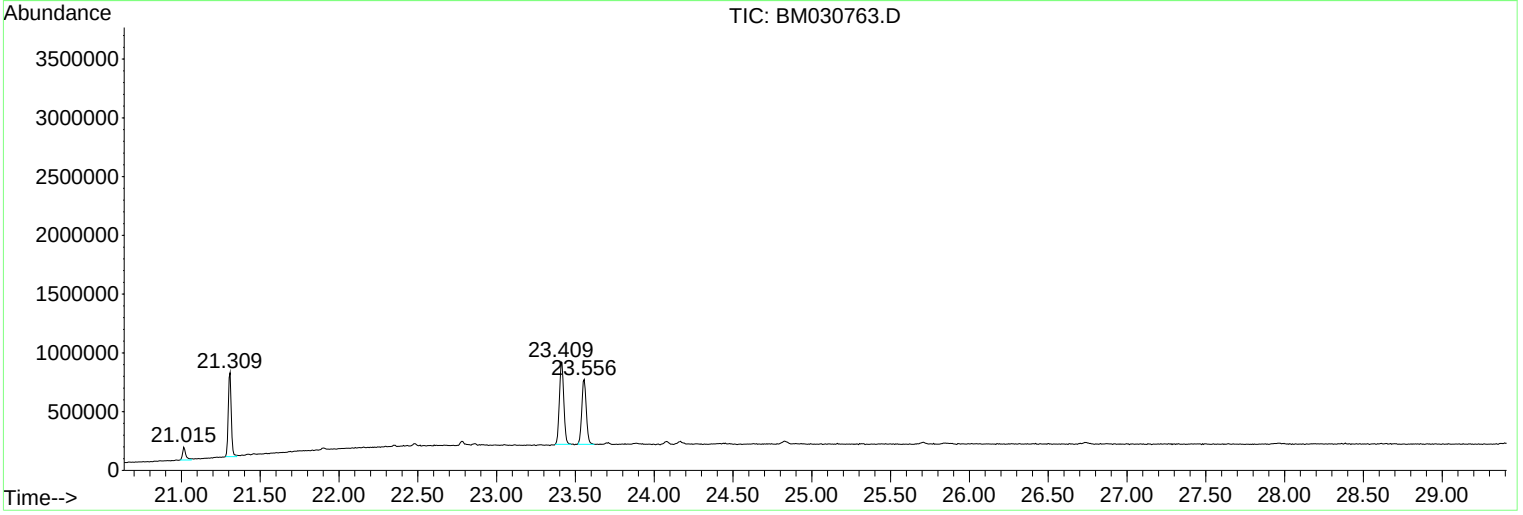
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







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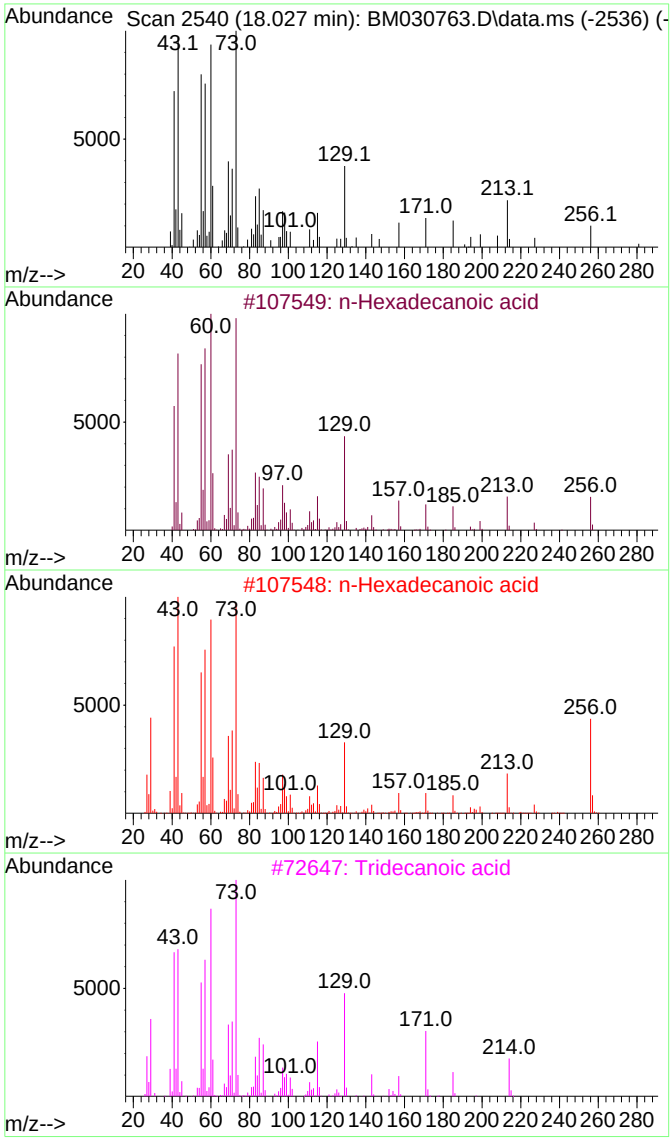
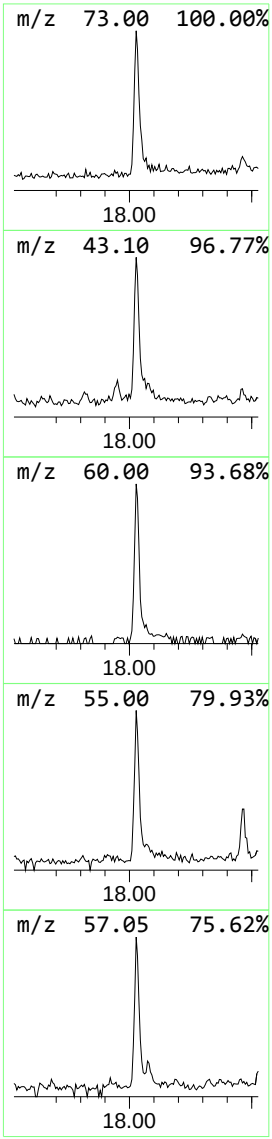
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	2.23 ng/ul	90342	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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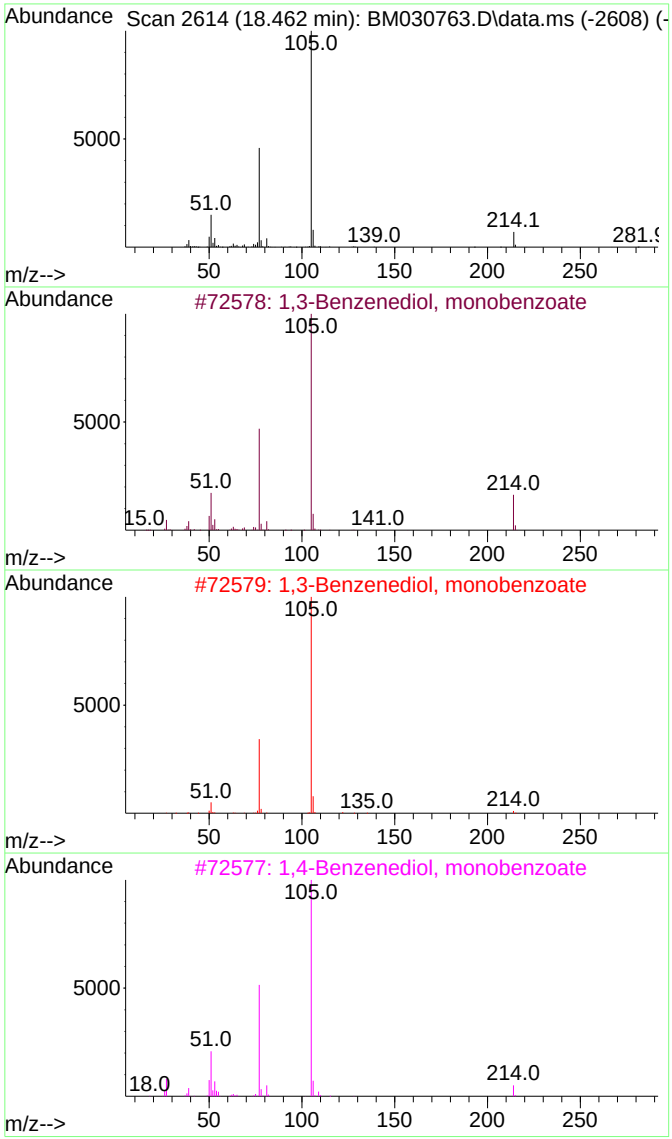
Quant Title : SVOA CALIBRATION

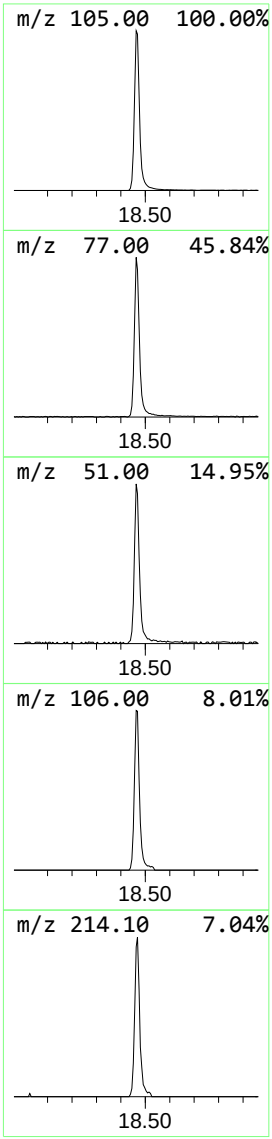
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	10.92 ng/ul	443423	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	86
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	80
4	(1-Oxa-2-aza-spiro[2.5]oct-2-yl)...	217	C13H15NO2	002289-83-0	72
5	N-(3-Chloro-6-hydroxy-4-pyridazi...	249	C11H8ClN3O2	1000240-67-0	72





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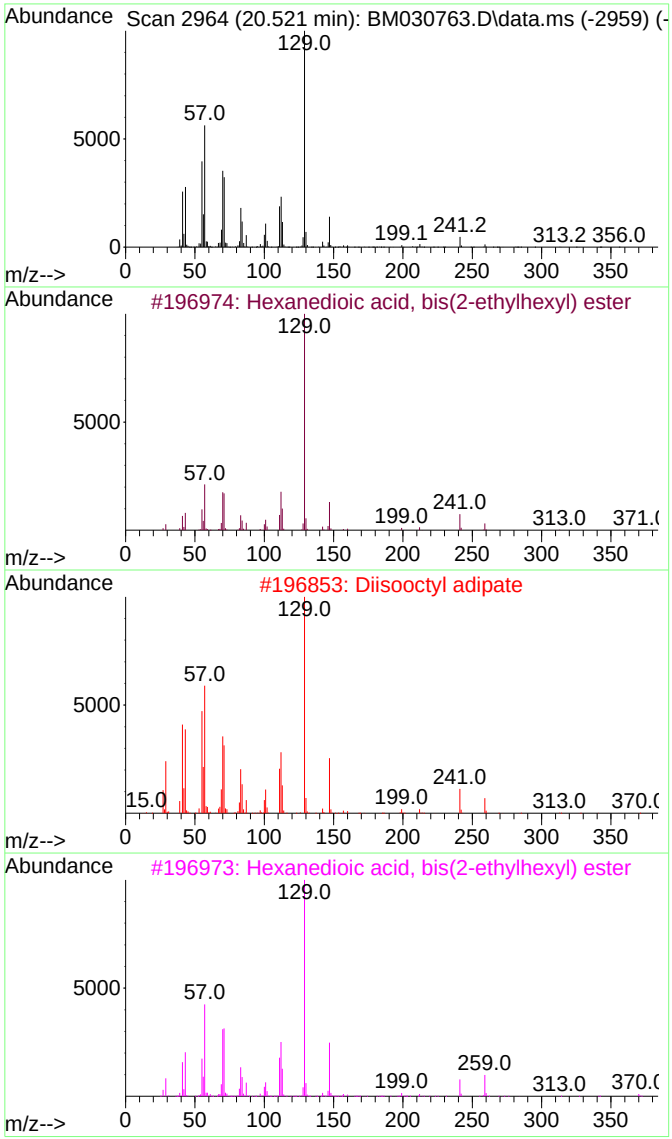
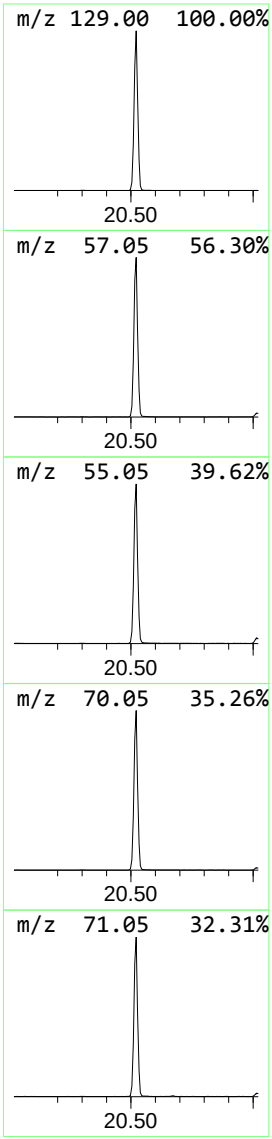
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	84.18 ng/ul	3935540	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	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70





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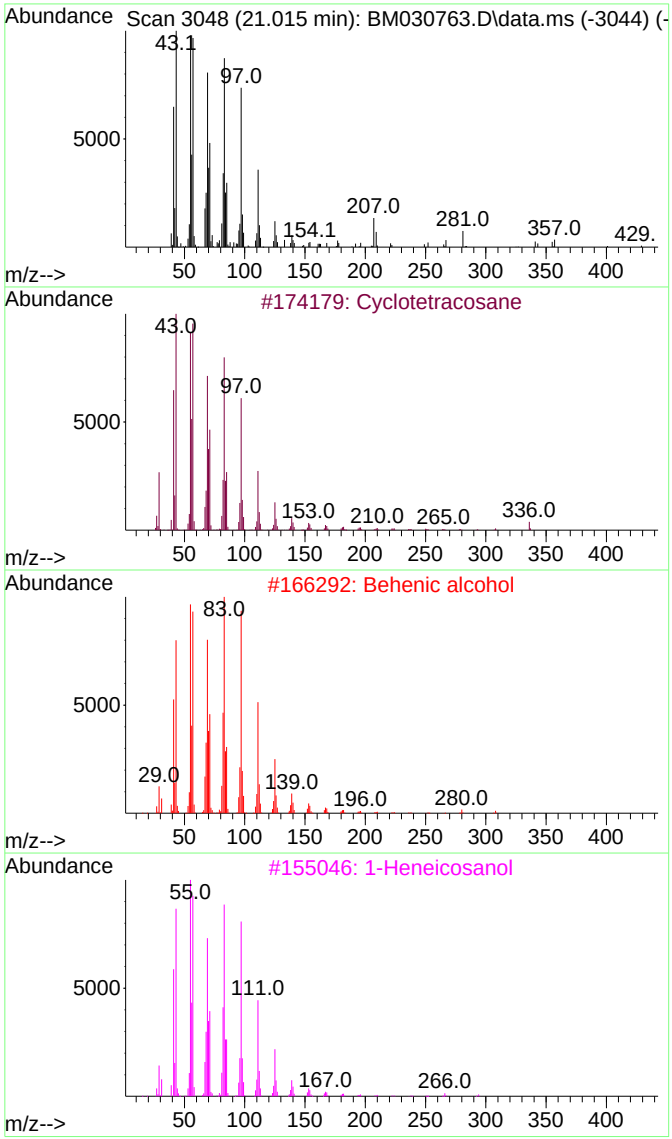
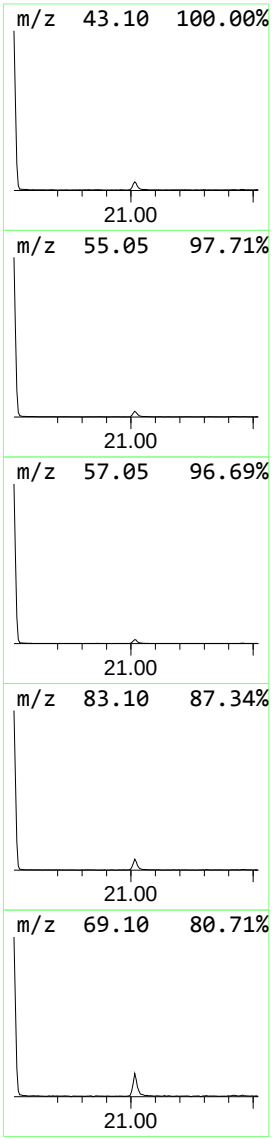
****
Peak Number 4 (DEL) Alkane: Cyclic21.02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.020	3.42 ng/ul	159784	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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	90342	4	17.139	812017	20.0
1,3-Benzenediol...	18.460	10.9	ng/ul	443423	4	17.139	812017	20.0
Hexanedioic aci...	20.520	84.2	ng/ul	3935540	5	21.309	935033	20.0
(DEL) Alkane: C...	21.020	3.4	ng/ul	159784	5	21.309	935033	20.0