LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030045.D
Acq On : 15 May 2021 12:26
Operator : CG/JU
Sample : M2397-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z2

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.675	130	134	141	rVB4	17150	31022	1.14%	0.119%
2	4.275	234	236	241	rBV6	3579	3555	0.13%	0.014%
3	5.946	518	520	525	rVB4	3687	3486	0.13%	0.013%
4	6.728	647	653	673	rBV	78378	179480	6.57%	0.688%
5	6.881	673	679	692	rBV	324385	596789	21.85%	2.288%
6	7.069	704	711	723	rBV	404253	723444	26.49%	2.773%
7	7.528	782	789	801	rBV	408551	719416	26.34%	2.758%
8	8.251	906	912	929	rBV	233721	480975	17.61%	1.844%
9	8.687	980	986	1005	rBV	427084	811693	29.72%	3.111%
10	9.092	1051	1055	1057	rBV5	3074	3953	0.14%	0.015%
11	9.404	1101	1108	1127	rBV	357590	674551	24.70%	2.586%
12	9.939	1193	1199	1227	rBV	342901	907643	33.23%	3.479%
13	10.304	1253	1261	1278	rBV	576985	985394	36.08%	3.777%
14	10.510	1290	1296	1298	rBV5	6126	10290	0.38%	0.039%
15	11.933	1530	1538	1547	rBV7	5438	15142	0.55%	0.058%
16	13.598	1815	1821	1827	rBV	904213	1361729	49.85%	5.220%
17	13.651	1827	1830	1840	rVB	54331	95891	3.51%	0.368%
18	13.869	1861	1867	1886	rBV	1175530	1734740	63.51%	6.650%
19	14.069	1895	1901	1903	rBV6	4112	6168	0.23%	0.024%
20	14.180	1913	1920	1931	rBV	797999	1187719	43.48%	4.553%
21	14.492	1965	1973	1974	rBV4	10298	17307	0.63%	0.066%
22	14.521	1977	1978	1982	rVB4	3812	3932	0.14%	0.015%
23	14.639	1993	1998	2001	rBV7	6223	10686	0.39%	0.041%
24	14.916	2043	2045	2050	rBV4	1924	3029	0.11%	0.012%
25	15.027	2060	2064	2066	rBV3	2626	3007	0.11%	0.012%
26	15.180	2083	2090	2108	rBV	1458487	2157093	78.97%	8.269%
27	15.321	2108	2114	2128	rVV	365886	659859	24.16%	2.529%
28	15.421	2128	2131	2139	rVB	18656	32881	1.20%	0.126%
29	15.916	2211	2215	2218	rVV5	2697	3518	0.13%	0.013%
30	15.968	2220	2224	2231	rVB8	5680	9565	0.35%	0.037%
31	16.074	2238	2242	2243	rBV4	2737	3046	0.11%	0.012%
32	16.374	2290	2293	2299	rVV7	3094	6977	0.26%	0.027%
33	16.715	2344	2351	2355	rBV7	4947	9417	0.34%	0.036%
34	16.868	2373	2377	2378	rBV3	3055	3172	0.12%	0.012%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BG1Z2

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-BM050721.M
Title : SVOA CALIBRATION

35	16.927	2381	2387	2398	rVV	884081	1246841	45.65%	4.780%
36	17.027	2398	2404	2425	rVB	1479263	2263902	82.88%	8.678%
37	17.445	2471	2475	2481	rBV8	2855	5257	0.19%	0.020%
38	17.610	2500	2503	2508	rVB5	2167	3181	0.12%	0.012%
39	17.839	2536	2542	2564	rBV	216041	520396	19.05%	1.995%
40	18.380	2630	2634	2636	rBV5	5402	6917	0.25%	0.027%
41	18.968	2730	2734	2739	rBV	14309	29348	1.07%	0.112%
42	19.127	2756	2761	2772	rBV	104400	224606	8.22%	0.861%
43	19.215	2773	2776	2782	rVB	18495	31347	1.15%	0.120%
44	19.327	2789	2795	2807	rBV	1847656	2584343	94.61%	9.907%
45	20.845	3049	3053	3062	rBV3	138576	206948	7.58%	0.793%
46	21.115	3095	3099	3114	rBV	828774	1295622	47.43%	4.966%
47	21.945	3237	3240	3248	rBV3	69089	107373	3.93%	0.412%
48	23.133	3435	3442	3457	rBV2	1416616	2731432	100.00%	10.470%
49	23.268	3459	3465	3475	rVB2	718972	1373158	50.27%	5.264%

Sum of corrected areas: 26087240

LSC Report - Integrated Chromatogram

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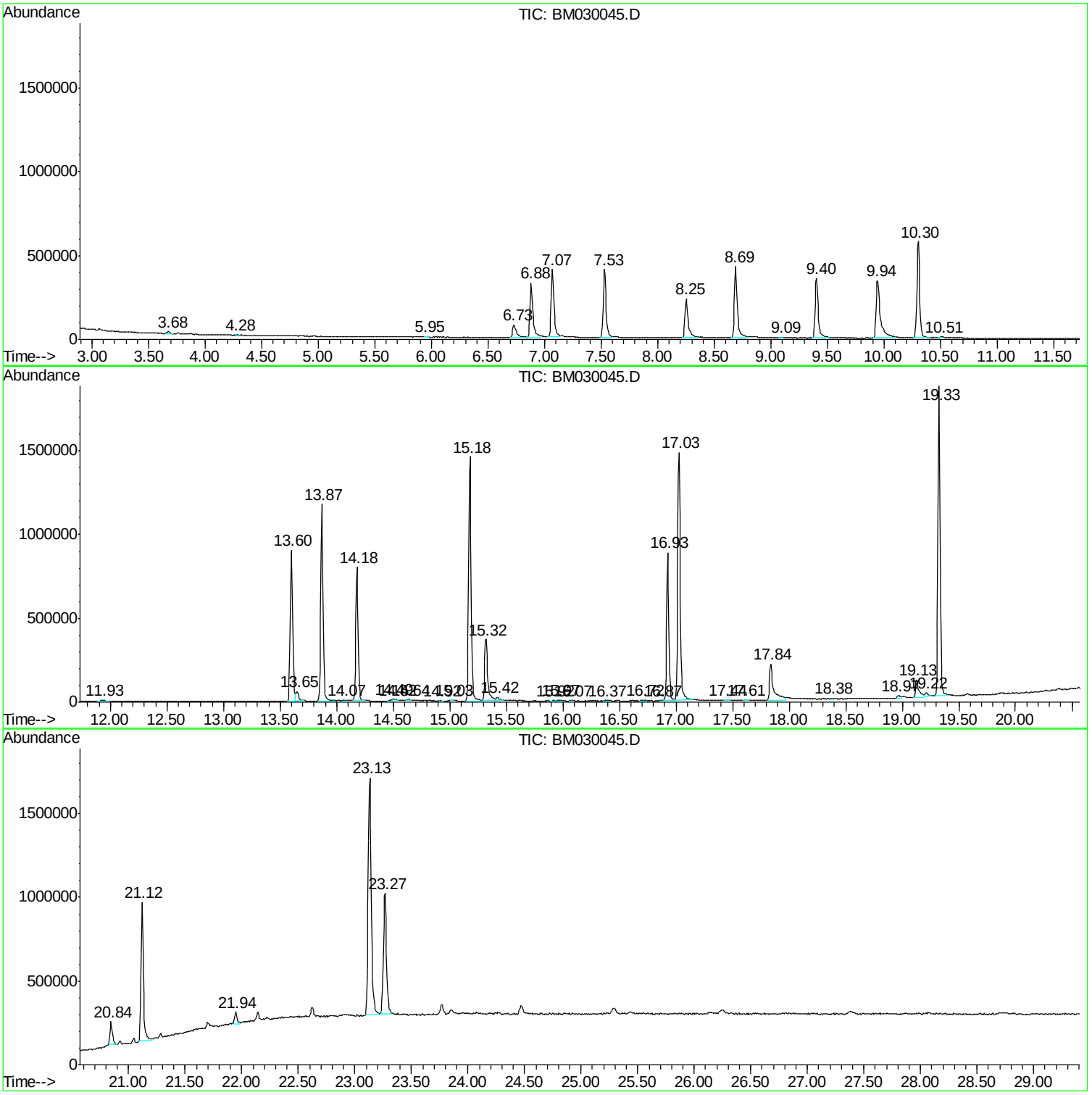
Sample : M2397-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030045.D
Acq On : 15 May 2021 12:26
Operator : CG/JU
Sample : M2397-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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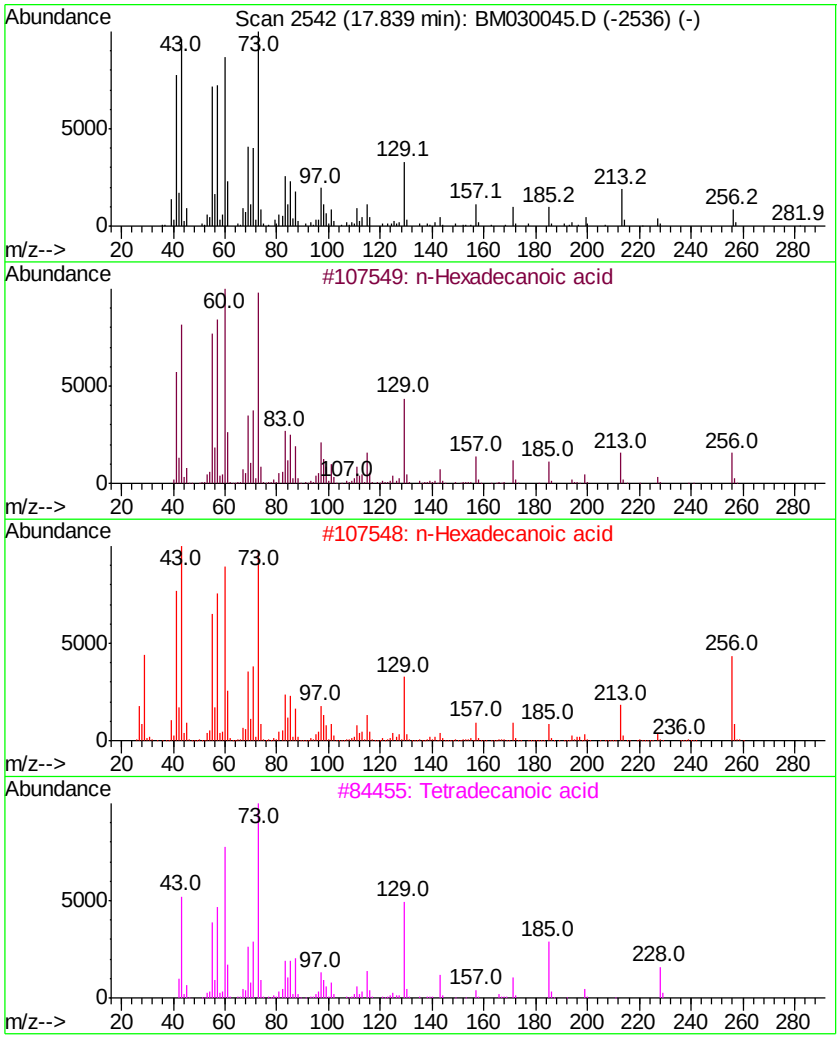
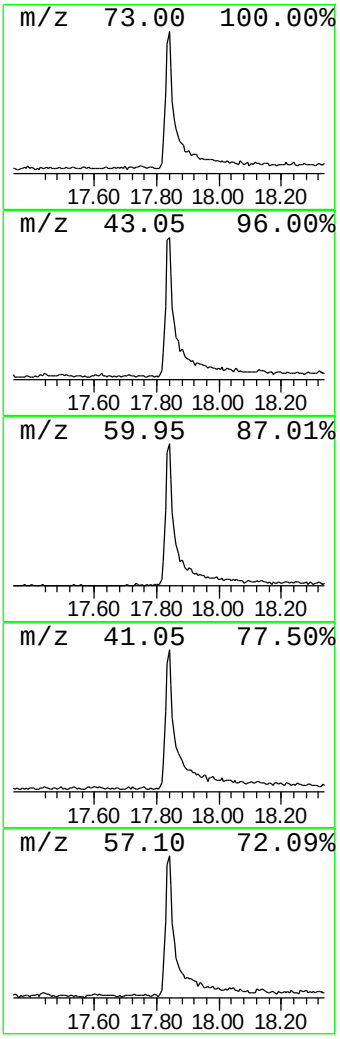
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	8.35 ng/ul	520396	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument : BNA_M
ClientSampleId : BG1Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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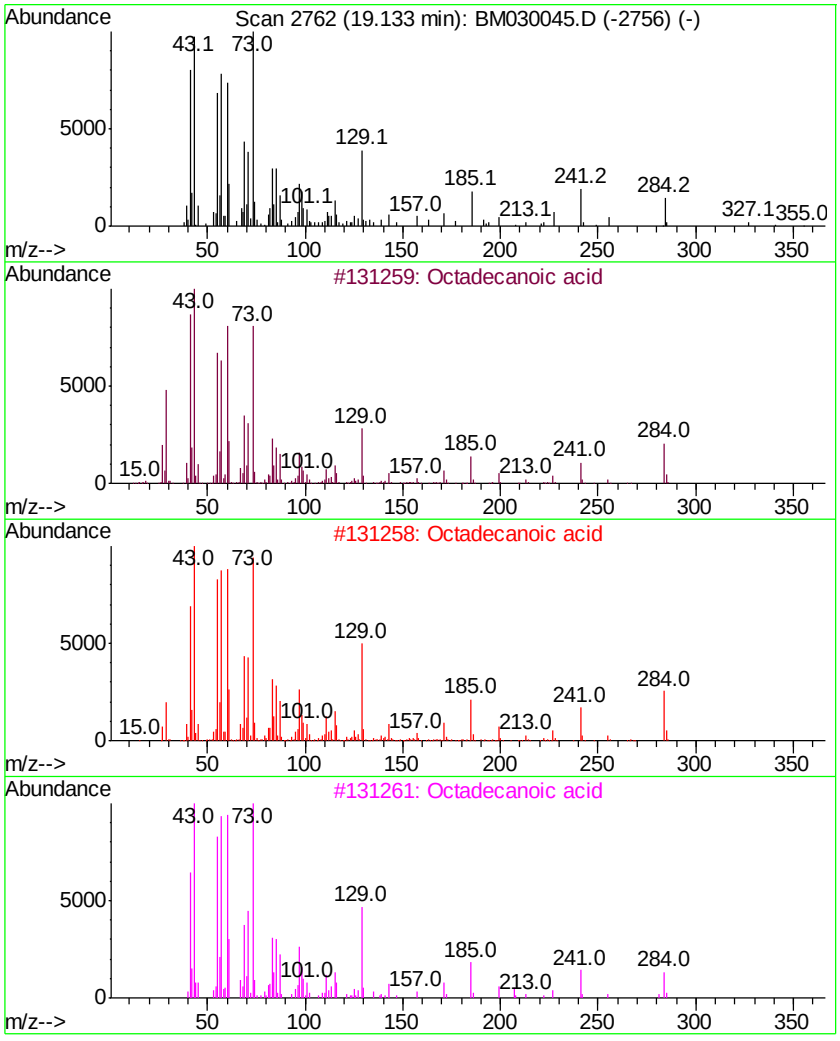
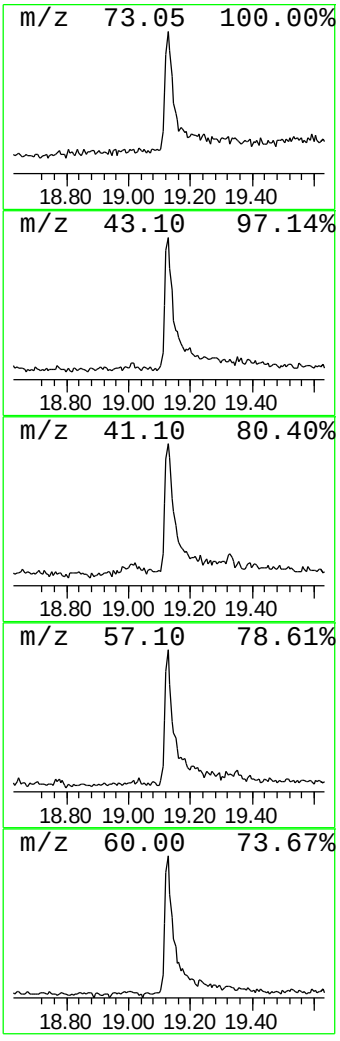
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.47 ng/ul	224606	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Instrument : BNA_M
ClientSampleId : BG1Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

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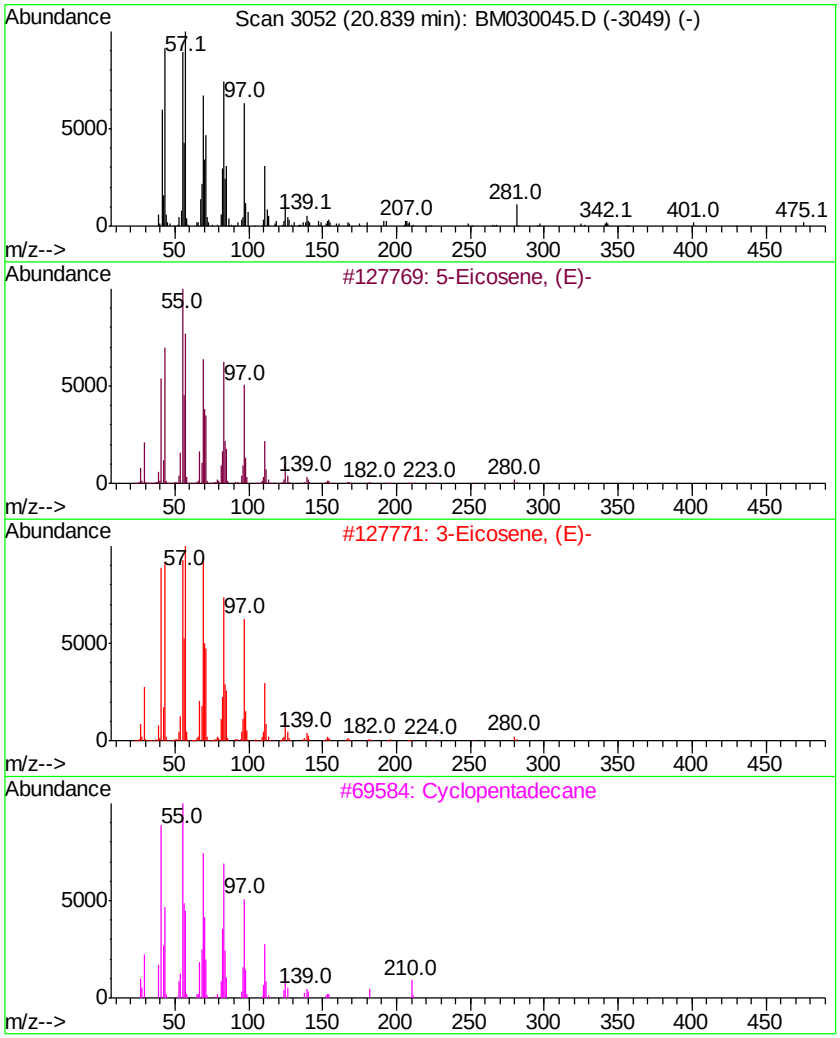
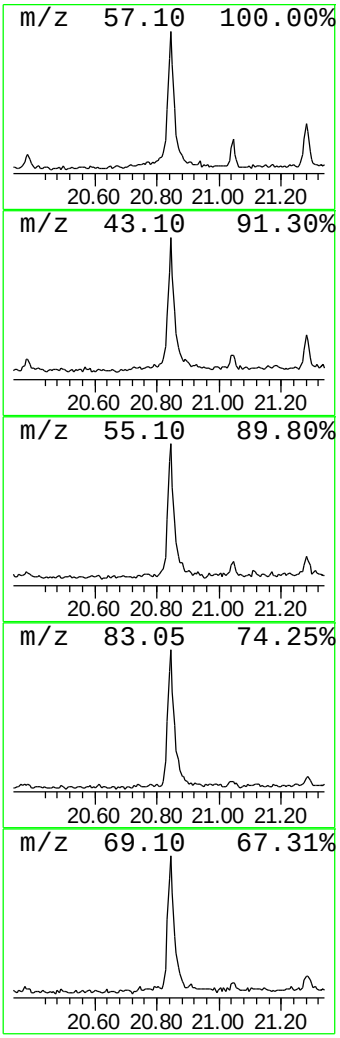
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.19 ng/ul	206948	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	Cyclotetracosane	336	C24H48	000297-03-0	95
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





Tentatively Identified Compound (LSC) summary

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Acq On : 15 May 2021 12:26
Operator : CG/JU
Sample : M2397-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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
n-Hexadecanoic acid	17.84	8.3	ng/ul	520396	4	16.93	1246840	20.0
Octadecanoic acid	19.13	3.5	ng/ul	224606	5	21.12	1295620	20.0
(DEL) Alkane: Str...	20.84	3.2	ng/ul	206948	5	21.12	1295620	20.0