LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051721\
Data File : BM030056.D
Acq On : 17 May 2021 16:44
Operator : CG/JU
Sample : PB136459BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK459

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	3.040	24	26	42	rVB	42453	83467	2.62%	0.268%
2	3.463	95	98	123	rBV	250978	697506	21.93%	2.243%
3	6.710	644	650	666	rBV	487906	905124	28.46%	2.911%
4	6.875	672	678	691	rBV	356513	651992	20.50%	2.097%
5	7.057	703	709	722	rBV	559124	960934	30.22%	3.090%
6	7.522	782	788	808	rBV	345431	598950	18.83%	1.926%
7	8.240	904	910	936	rBV	560866	1049340	33.00%	3.374%
8	8.681	978	985	996	rBV	454209	822485	25.86%	2.645%
9	9.398	1098	1107	1123	rBV	365461	709141	22.30%	2.280%
10	9.551	1131	1133	1138	rVB5	2953	3796	0.12%	0.012%
11	9.934	1192	1198	1213	rBV	506312	999226	31.42%	3.213%
12	10.298	1253	1260	1272	rBV	464018	823131	25.88%	2.647%
13	10.451	1279	1286	1314	rBV	434694	1030406	32.40%	3.314%
14	11.916	1530	1535	1542	rBV3	6023	13460	0.42%	0.043%
15	13.598	1813	1821	1838	rBV	1011869	1536210	48.31%	4.940%
16	13.863	1860	1866	1885	rBV	1220789	1810228	56.92%	5.821%
17	14.175	1912	1919	1931	rBV	732600	1061758	33.39%	3.414%
18	14.422	1955	1961	1980	rBV2	128425	448368	14.10%	1.442%
19	14.616	1990	1994	2007	rVB2	41099	77554	2.44%	0.249%
20	14.780	2020	2022	2027	rVB4	3719	5124	0.16%	0.016%
21	15.175	2082	2089	2107	rBV	1503467	2263097	71.16%	7.278%
22	15.316	2107	2113	2127	rVV	414839	679430	21.36%	2.185%
23	15.416	2127	2130	2135	rVB4	18892	27674	0.87%	0.089%
24	15.851	2201	2204	2206	rBV4	4299	4580	0.14%	0.015%
25	15.963	2219	2223	2228	rBV7	5422	10756	0.34%	0.035%
26	16.063	2235	2240	2245	rBV9	5678	9428	0.30%	0.030%
27	16.380	2292	2294	2299	rVV5	3959	6494	0.20%	0.021%
28	16.416	2299	2300	2306	rVB4	3468	4488	0.14%	0.014%
29	16.710	2347	2350	2353	rBV4	3941	5941	0.19%	0.019%
30	16.874	2373	2378	2380	rBV6	3529	5477	0.17%	0.018%
31	16.921	2380	2386	2397	rVV	794604	1180379	37.12%	3.796%
32	17.021	2397	2403	2420	rVV	1538204	2313478	72.75%	7.440%
33	17.486	2476	2482	2486	rBV7	5174	11216	0.35%	0.036%
34	17.621	2502	2505	2509	rVB5	4132	5870	0.18%	0.019%

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Title : SVOA CALIBRATION

35	17.839	2536	2542	2564	rBV	419057	813365	25.58%	2.616%
36	18.251	2611	2612	2615	rBV3	3544	3301	0.10%	0.011%
37	18.374	2630	2633	2636	rBV5	3911	5056	0.16%	0.016%
38	18.704	2687	2689	2693	rBV5	2958	4183	0.13%	0.013%
39	18.898	2719	2722	2724	rBV4	4344	5242	0.16%	0.017%
40	18.921	2724	2726	2729	rBV4	3426	4081	0.13%	0.013%
41	18.962	2729	2733	2738	rBV	14030	27026	0.85%	0.087%
42	19.127	2756	2761	2772	rBV	167226	314962	9.90%	1.013%
43	19.321	2788	2794	2806	rBV	2068009	2783783	87.54%	8.952%
44	20.856	3052	3055	3061	rVB2	41461	59781	1.88%	0.192%
45	20.921	3062	3066	3073	rBV	40708	73072	2.30%	0.235%
46	21.121	3095	3100	3110	rBV	897219	1348390	42.40%	4.336%
47	22.145	3271	3274	3279	rVB2	63597	80150	2.52%	0.258%
48	22.621	3352	3355	3363	rVB	97138	144870	4.56%	0.466%
49	23.133	3435	3442	3458	rBV	1617150	3180113	100.00%	10.226%
50	23.268	3459	3465	3476	rVB2	732189	1433058	45.06%	4.608%

Sum of corrected areas: 31096941

LSC Report - Integrated Chromatogram

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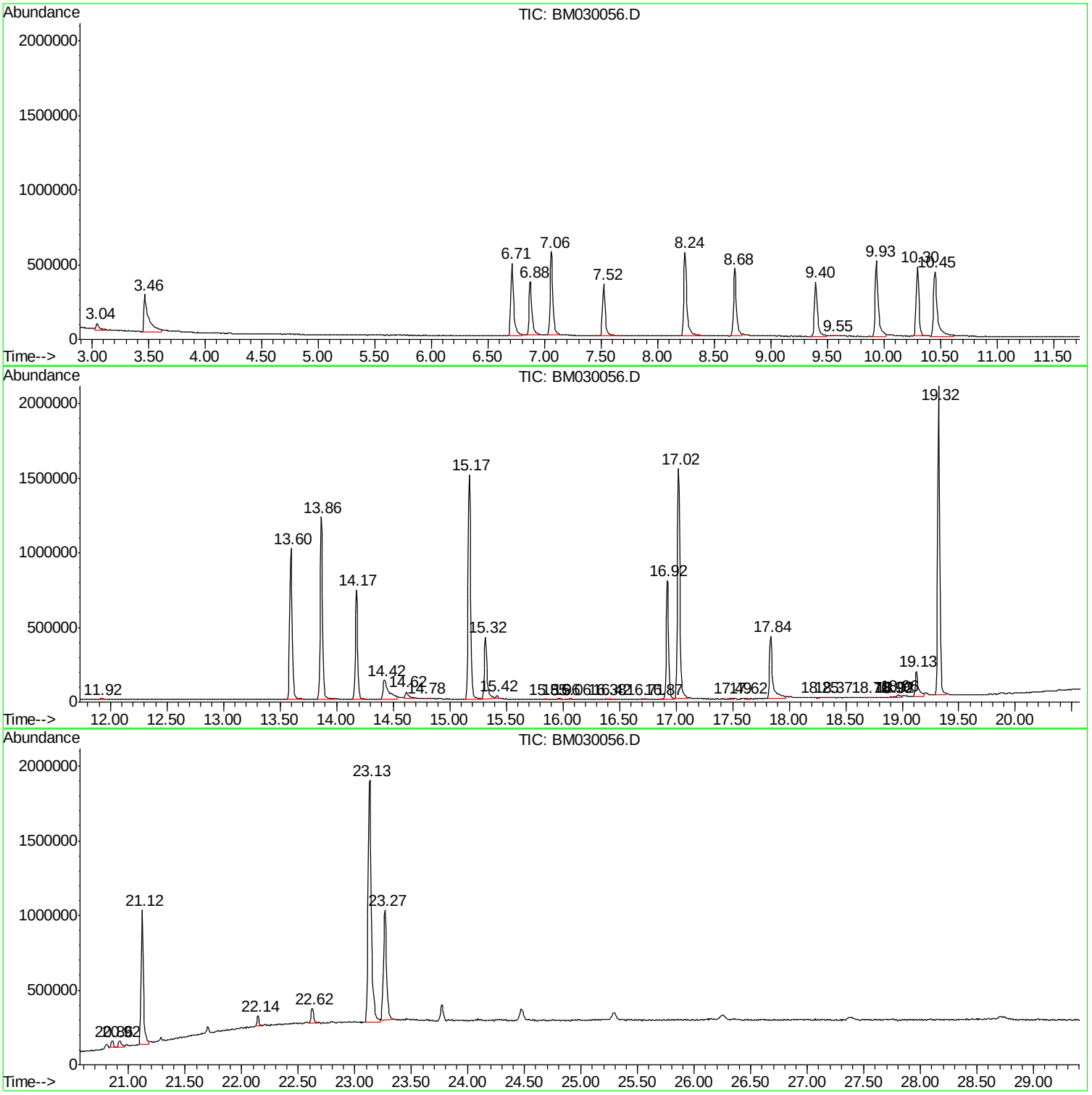
Sample : PB136459BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK459

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

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Acq On : 17 May 2021 16:44
Operator : CG/JU
Sample : PB136459BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK459

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

TIC Library : C:\DATABASE\NIST11.L
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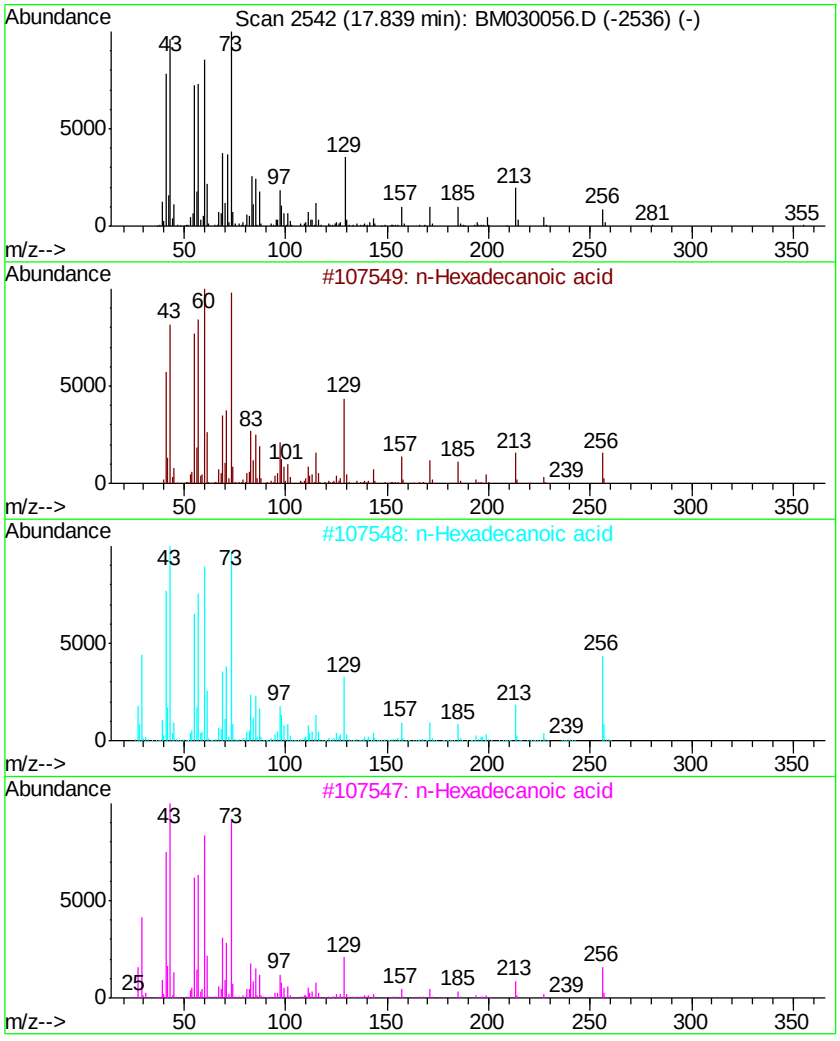
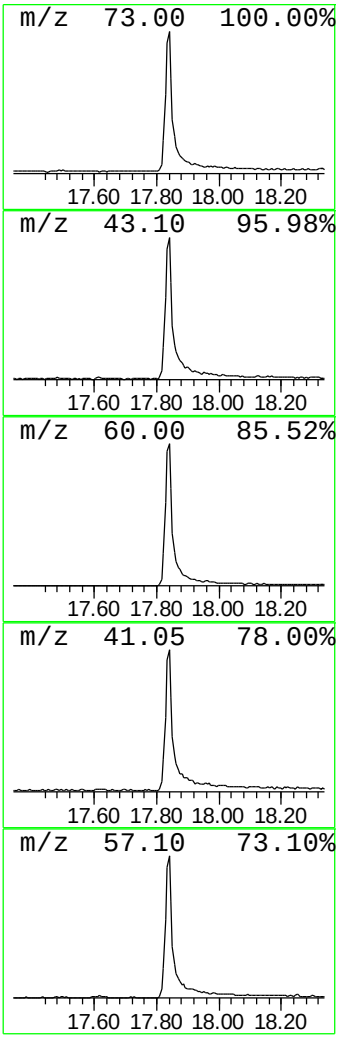
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	13.78 ng/ul	813365	Phenanthrene-d10	16.92

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Quant Title : SVOA CALIBRATION

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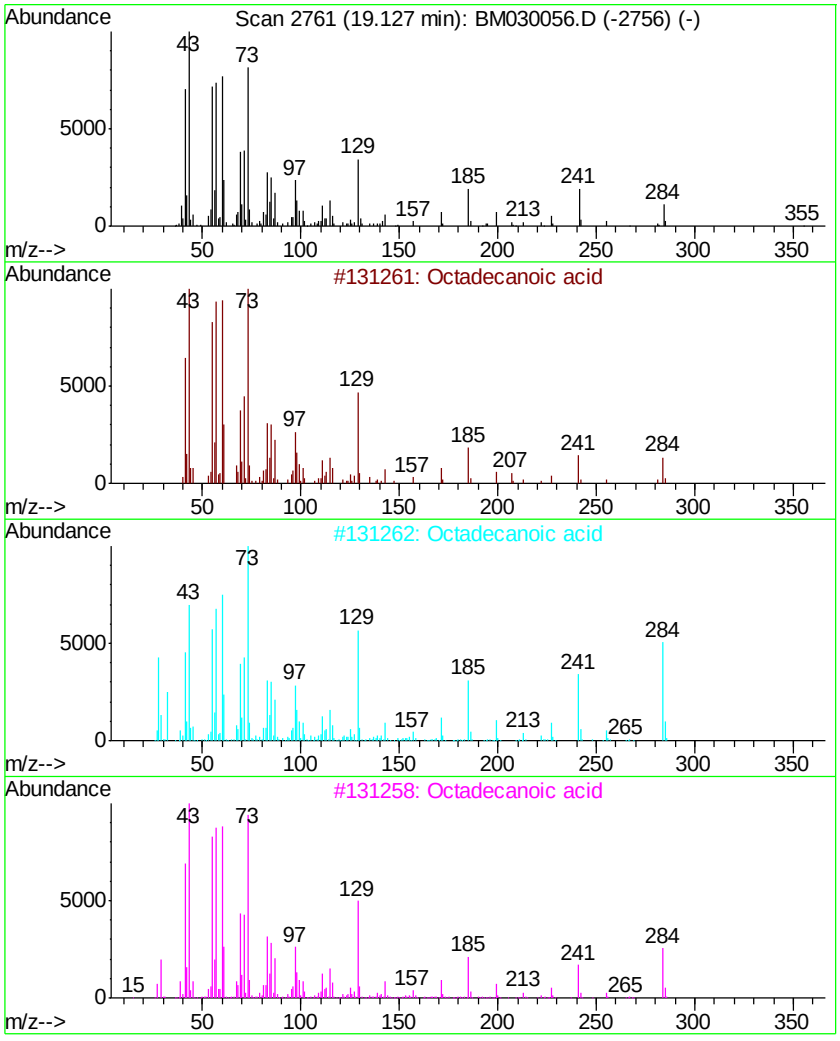
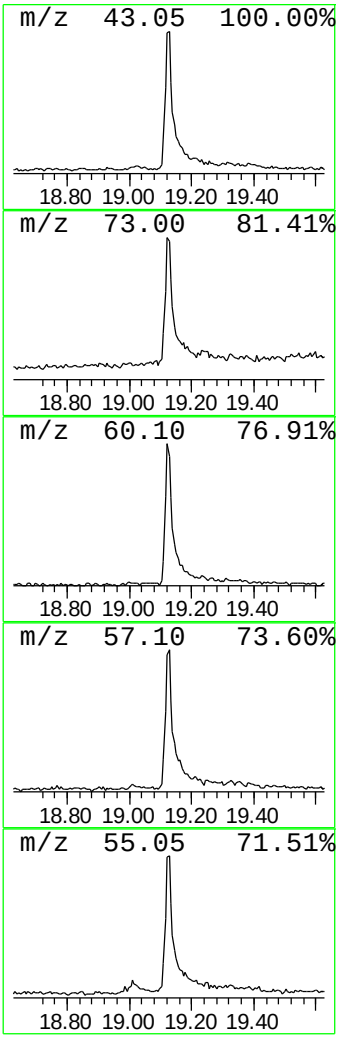
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.67 ng/ul	314962	Chrysene-d12	21.12

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	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	86





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Quant Title : SVOA CALIBRATION

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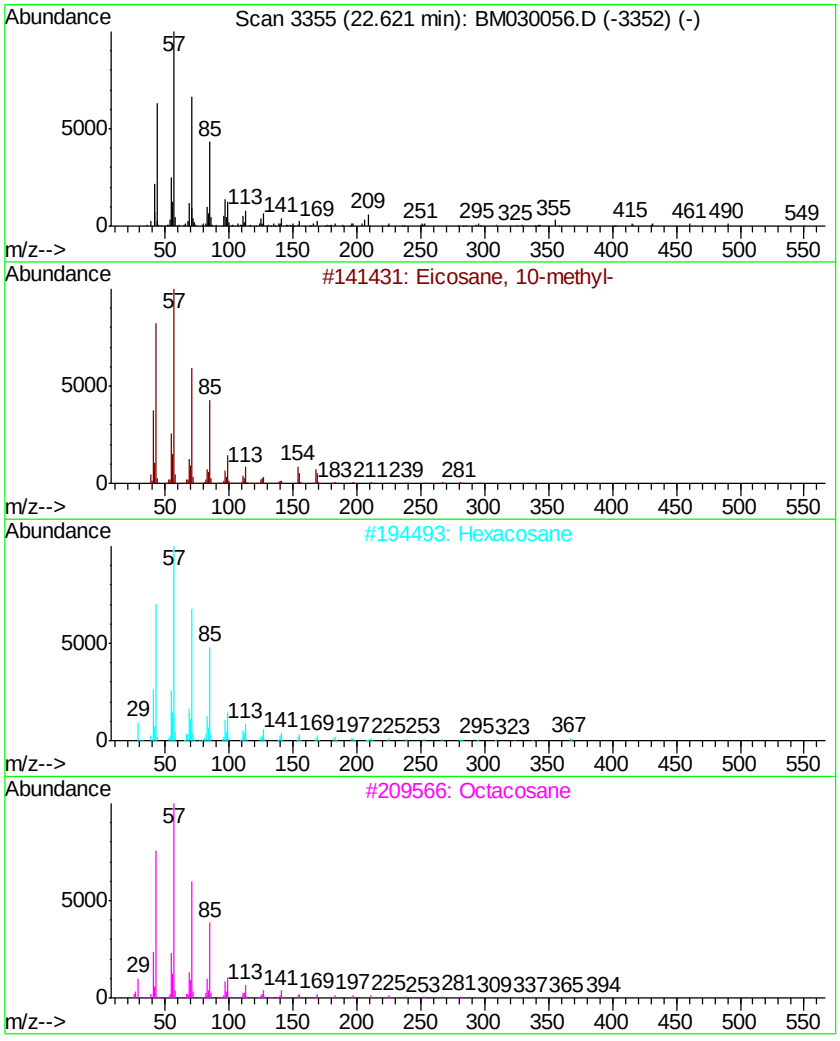
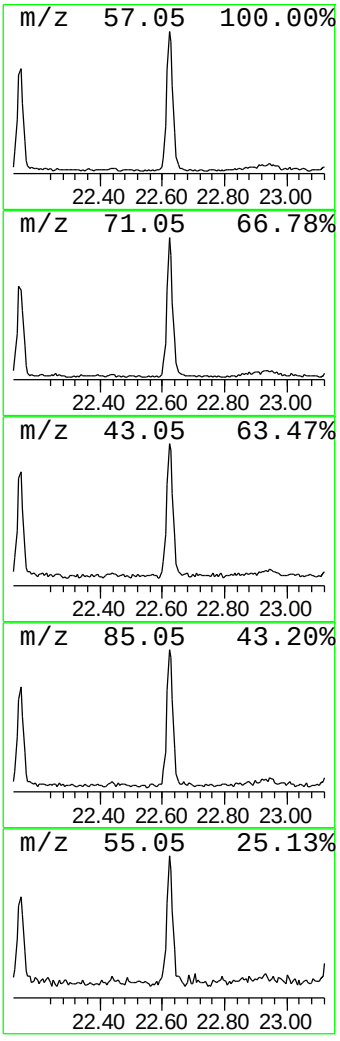
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.02 ng/ul	144870	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	83





Tentatively Identified Compound (LSC) summary

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

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	13.8	ng/ul	813365	4	16.92	1180380	20.0
Octadecanoic acid	19.13	4.7	ng/ul	314962	5	21.12	1348390	20.0
(DEL) Alkane: Str...	22.62	2.0	ng/ul	144870	6	23.27	1433060	20.0