LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
Data File : BM016180.D
Acq On : 03 Aug 2018 15:18
Operator : SJ/JU
Sample : J4206-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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\SOM-EPA-BM071318MA.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	3.458	25	29	34	rVB	7076	9817	1.07%	0.080%
2	4.128	135	143	148	rBV	12719	18041	1.96%	0.146%
3	7.351	685	691	705	rBV	165831	315893	34.29%	2.565%
4	7.510	713	718	728	rBV	137509	217664	23.62%	1.767%
5	7.716	747	753	767	rBV	198453	341573	37.07%	2.774%
6	8.187	827	833	840	rBV	233172	388086	42.12%	3.151%
7	8.910	950	956	973	rBV2	187755	342302	37.15%	2.780%
8	9.375	1029	1035	1049	rBV	181352	316831	34.39%	2.573%
9	10.098	1152	1158	1173	rBB	141855	247982	26.91%	2.014%
10	10.634	1244	1249	1264	rBV	193030	364822	39.60%	2.962%
11	11.004	1305	1312	1324	rBV	306256	501572	54.44%	4.073%
12	11.163	1334	1339	1347	rBV2	36295	66891	7.26%	0.543%
13	14.222	1853	1859	1864	rBV	316220	438447	47.59%	3.560%
14	14.269	1864	1867	1873	rVB	36556	47603	5.17%	0.387%
15	14.516	1902	1909	1917	rBV	410035	592142	64.27%	4.808%
16	14.816	1954	1960	1968	rBV2	377327	558203	60.58%	4.533%
17	15.063	1998	2002	2014	rBV4	19321	52233	5.67%	0.424%
18	15.804	2122	2128	2135	rBV	509176	695553	75.49%	5.648%
19	15.951	2149	2153	2160	rBV2	33551	50694	5.50%	0.412%
20	17.545	2418	2424	2428	rBV	414213	590715	64.11%	4.797%
21	17.592	2428	2432	2436	rVV	145414	204433	22.19%	1.660%
22	17.645	2436	2441	2453	rVB	503213	721823	78.34%	5.861%
23	17.962	2490	2495	2497	rBV2	8415	11583	1.26%	0.094%
24	18.051	2506	2510	2514	rBV2	9639	12492	1.36%	0.101%
25	18.392	2563	2568	2576	rBV3	95383	148316	16.10%	1.204%
26	18.462	2576	2580	2586	rVB3	18799	32381	3.51%	0.263%
27	18.609	2601	2605	2609	rBV3	24470	38464	4.17%	0.312%
28	18.898	2651	2654	2659	rVB2	10302	14032	1.52%	0.114%
29	18.962	2661	2665	2672	rVV3	22215	34954	3.79%	0.284%
30	19.292	2718	2721	2730	rBV7	10547	18612	2.02%	0.151%
31	19.468	2748	2751	2754	rBV2	7796	9234	1.00%	0.075%
32	19.580	2759	2770	2776	rBV	310697	437097	47.44%	3.549%
33	19.651	2776	2782	2791	rBV	66891	111806	12.13%	0.908%
34	19.909	2821	2826	2829	rBV	636071	921370	100.00%	7.482%

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Peak separation: 5

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Title : SVOA CALIBRATION

35	19.939	2829	2831	2838	rVB	307254	329197	35.73%	2.673%
36	20.021	2839	2845	2848	rVV5	19810	31938	3.47%	0.259%
37	20.115	2858	2861	2866	rVB3	19647	27213	2.95%	0.221%
38	20.256	2881	2885	2891	rVB7	15527	28015	3.04%	0.227%
39	20.392	2904	2908	2910	rBV3	29555	39412	4.28%	0.320%
40	20.421	2911	2913	2917	rVB3	25507	28451	3.09%	0.231%
41	20.527	2927	2931	2934	rBV3	38937	50189	5.45%	0.408%
42	20.880	2988	2991	2995	rVB2	26866	27370	2.97%	0.222%
43	20.950	3001	3003	3007	rVB4	39321	44002	4.78%	0.357%
44	21.350	3066	3071	3076	rVB5	96298	171321	18.59%	1.391%
45	21.668	3119	3125	3129	rBV2	559155	879995	95.51%	7.146%
46	21.703	3129	3131	3137	rVB	158587	192227	20.86%	1.561%
47	23.221	3386	3389	3395	rVB2	79715	108941	11.82%	0.885%
48	23.315	3401	3405	3410	rBV2	101516	213569	23.18%	1.734%
49	23.874	3495	3500	3505	rBV2	381830	677333	73.51%	5.500%
50	24.021	3520	3525	3532	rVB	320616	592356	64.29%	4.810%

Sum of corrected areas: 12315190

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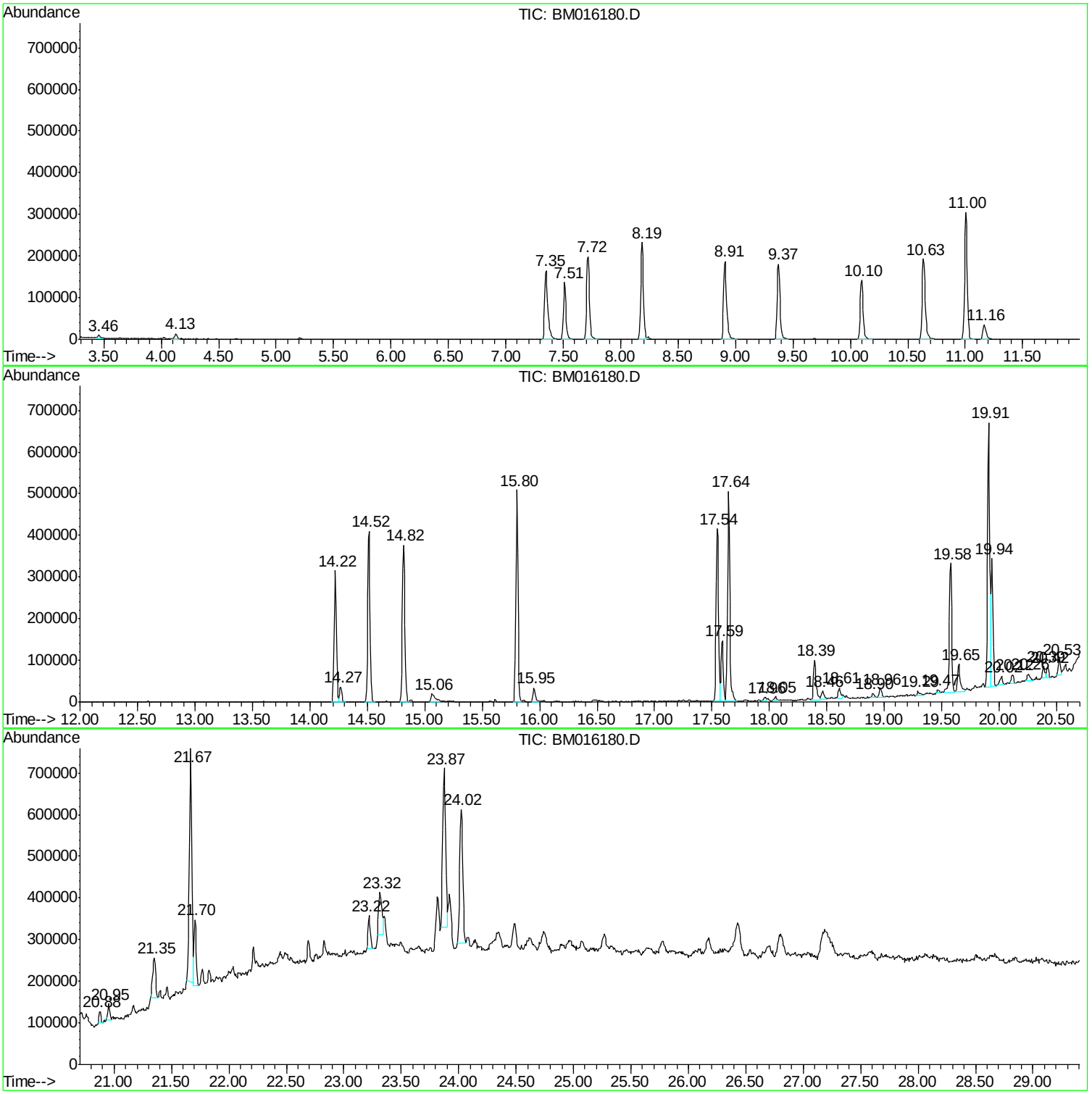
Quant Title : SVOA CALIBRATION

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



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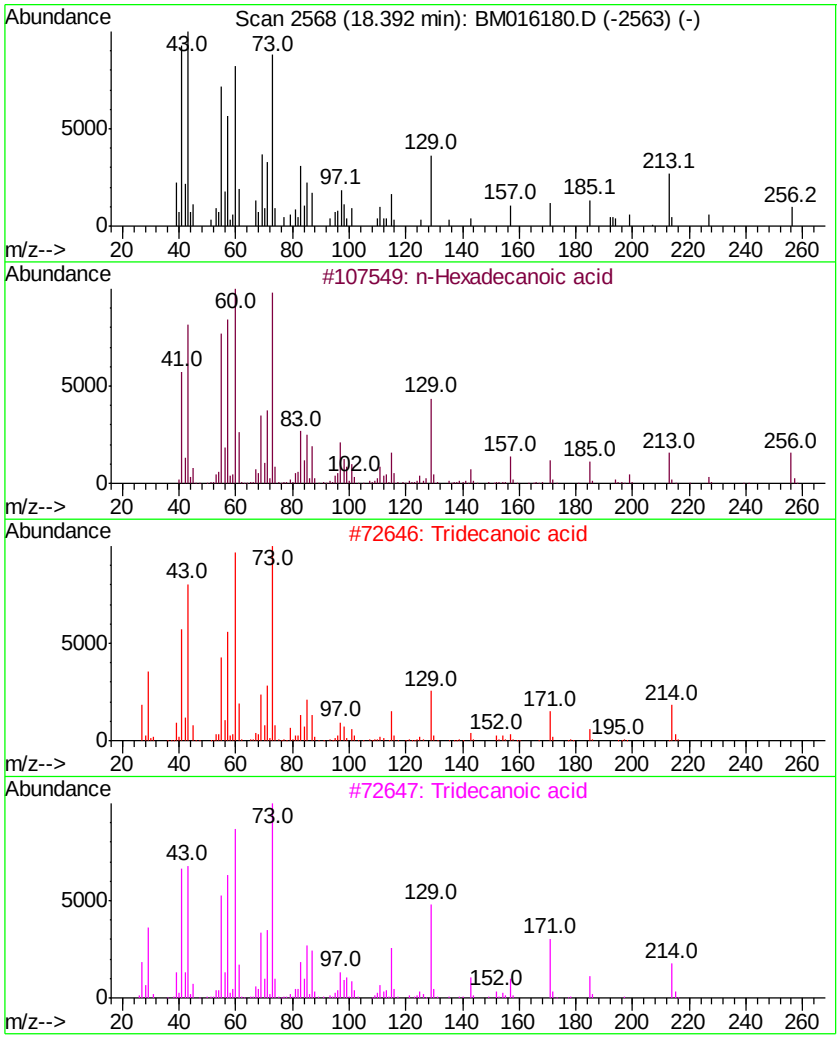
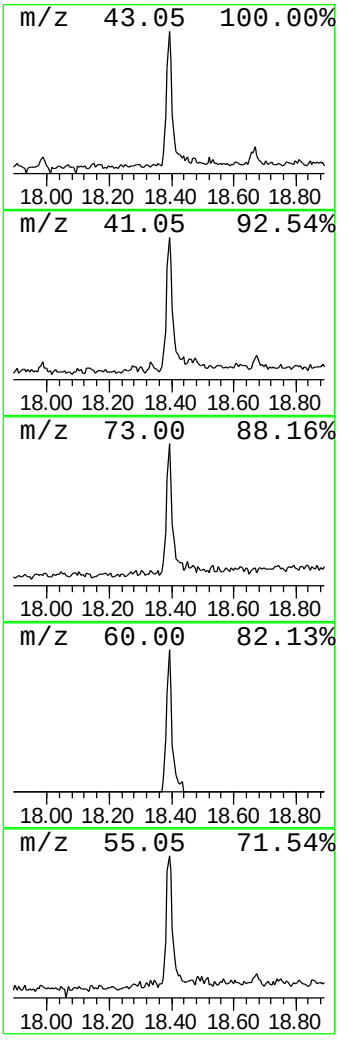
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.02 ng/ul	148316	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





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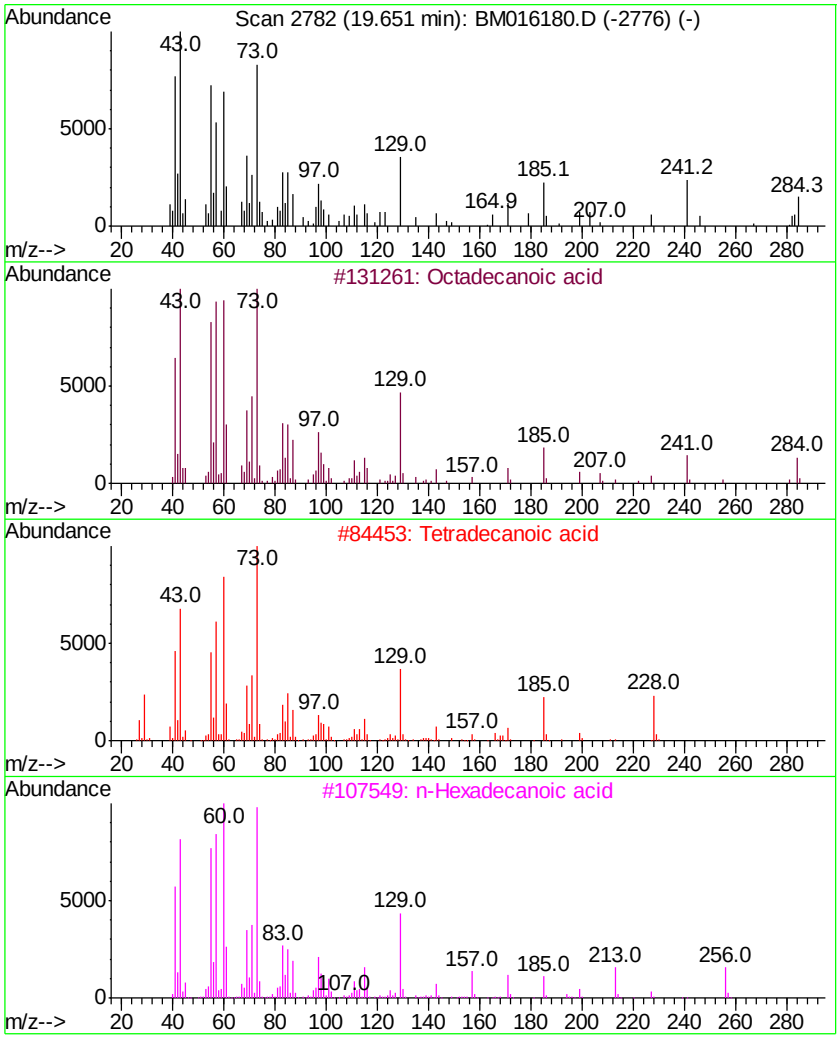
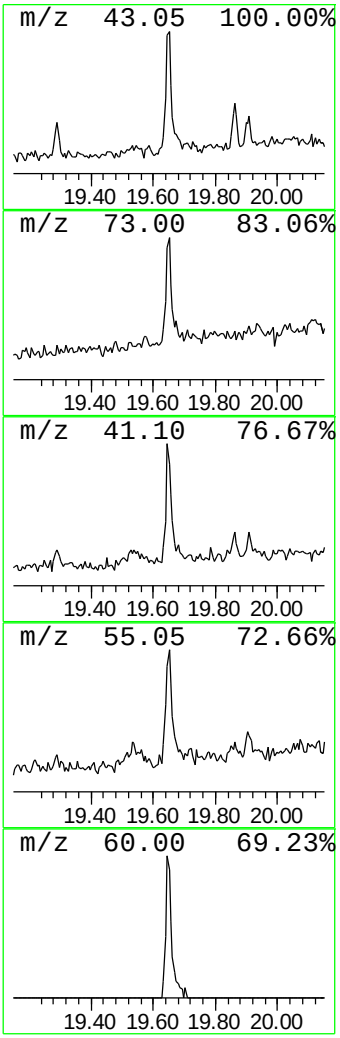
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.54 ng/ul	111806	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





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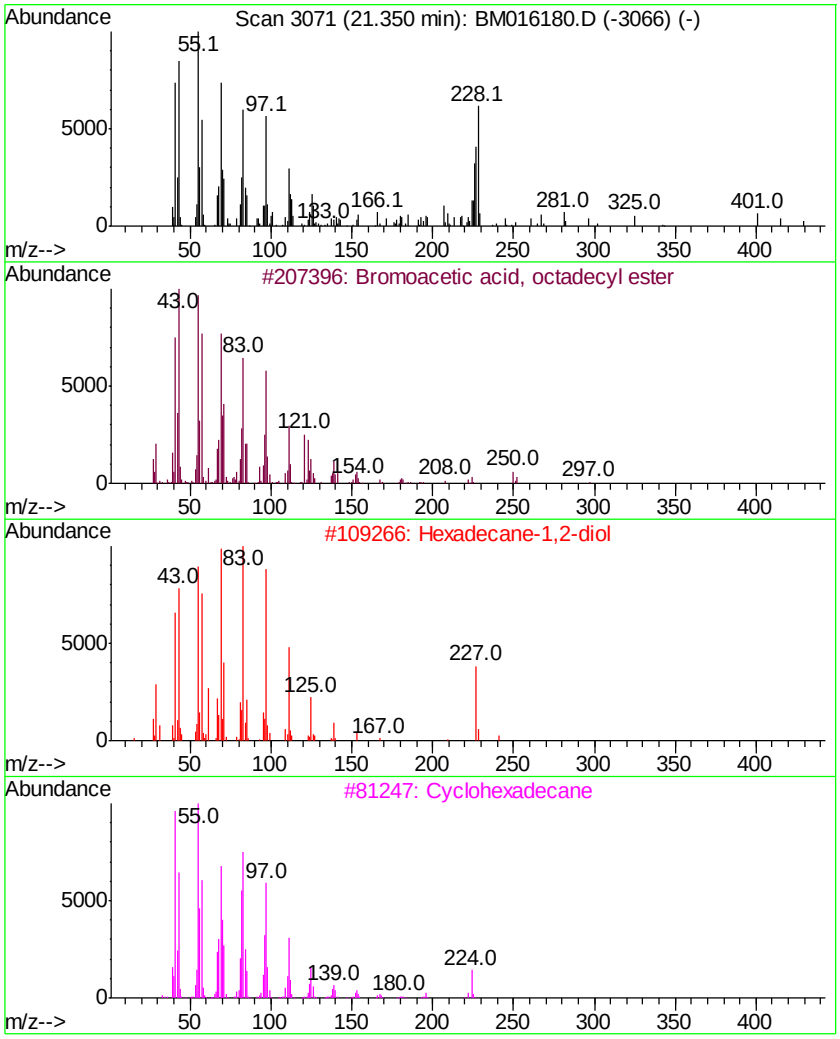
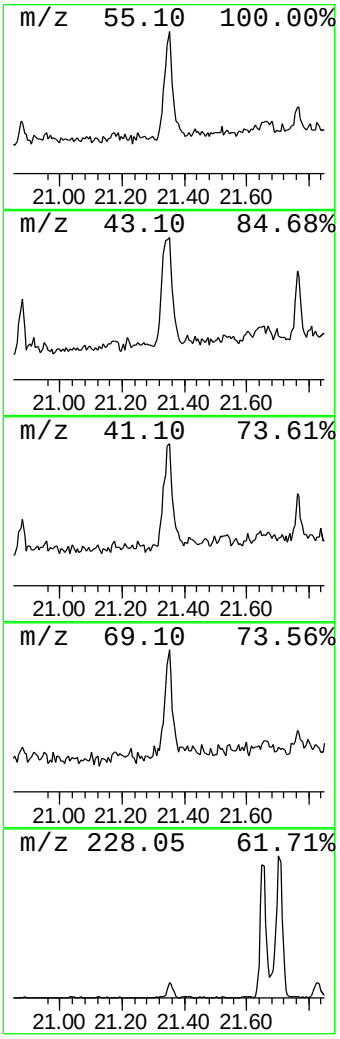
Peak Number 3 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.89 ng/ul	171321	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	70
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	55
3	Cyclohexadecane	224	C16H32	000295-65-8	46
4	7-Tetradecene	196	C14H28	010374-74-0	46
5	2,6-Dodecadien-1-ol, 3,7,11-trim...	224	C15H28O	020576-58-3	42





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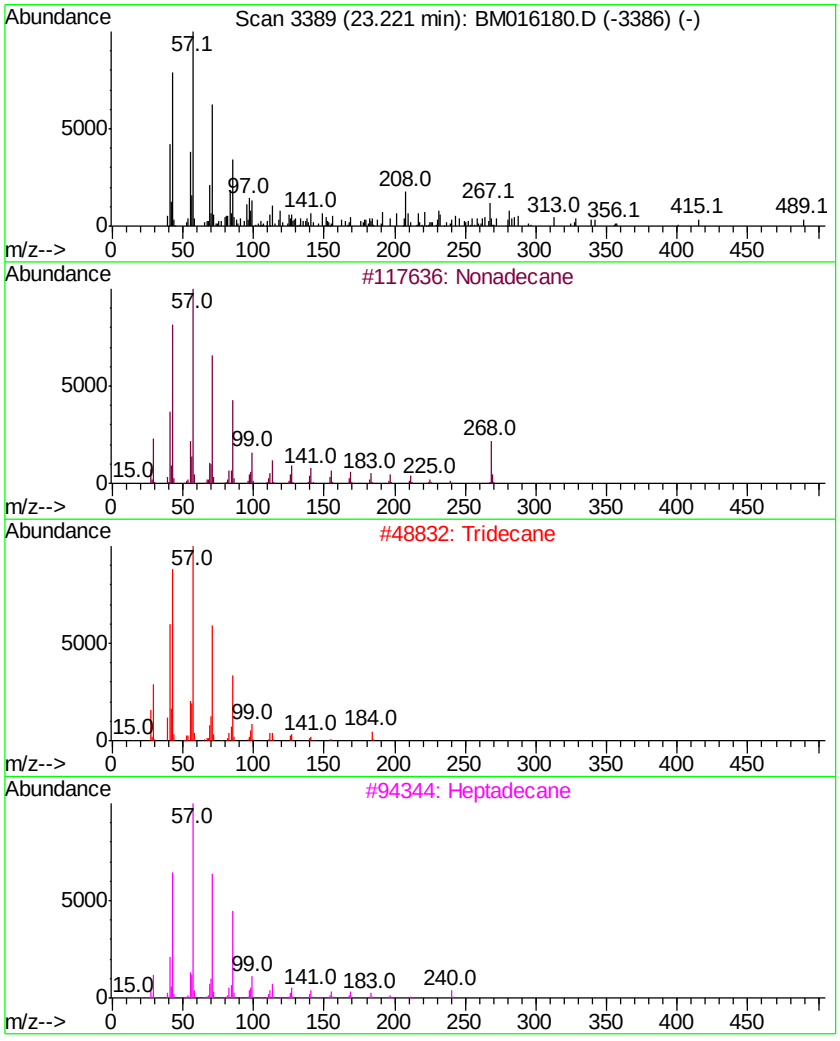
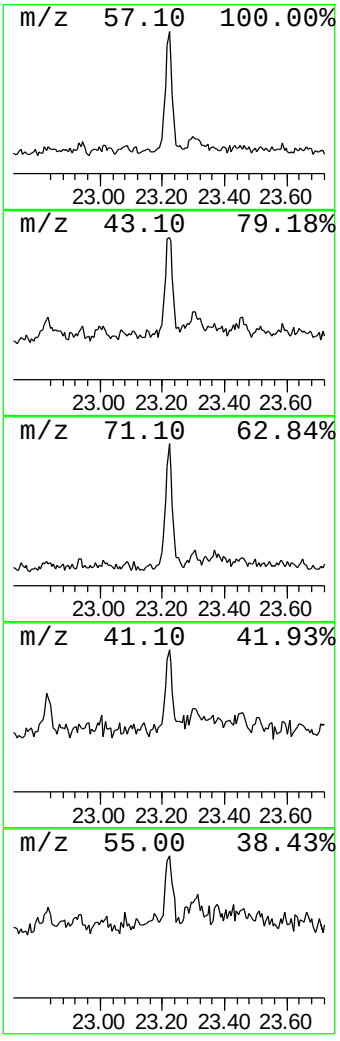
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	3.68 ng/ul	108941	Perylene-d12	24.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	70
2	Tridecane	184	C13H28	000629-50-5	55
3	Heptadecane	240	C17H36	000629-78-7	55
4	Tetratetracontane	619	C44H90	007098-22-8	55
5	Hexadecane	226	C16H34	000544-76-3	55





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.39	5.0	ng/ul	148316	4	17.54	590715	20.0
Octadecanoic acid	19.65	2.5	ng/ul	111806	5	21.67	879995	20.0
Bromoacetic acid,...	21.35	3.9	ng/ul	171321	5	21.67	879995	20.0
(DEL) Alkane: Str...	23.22	3.7	ng/ul	108941	6	24.02	592356	20.0