LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016151.D
Acq On : 01 Aug 2018 22:27
Operator : SJ/JU
Sample : J4171-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

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	7.352	686	691	704	rBV	143958	257502	17.29%	1.620%
2	7.516	714	719	729	rBV	118954	187118	12.56%	1.177%
3	7.722	749	754	769	rBV	153653	267199	17.94%	1.681%
4	8.193	828	834	842	rBV	220072	360130	24.18%	2.266%
5	8.910	951	956	973	rBV	204740	355883	23.90%	2.239%
6	9.381	1030	1036	1050	rBV	187657	323962	21.75%	2.038%
7	10.104	1153	1159	1172	rBV	170554	302244	20.29%	1.902%
8	10.640	1245	1250	1266	rBV	237685	423446	28.43%	2.664%
9	11.010	1307	1313	1327	rBV	337025	565119	37.95%	3.556%
10	11.163	1333	1339	1353	rBV	196634	364926	24.50%	2.296%
11	14.228	1854	1860	1864	rBV	591513	811004	54.46%	5.103%
12	14.275	1864	1868	1875	rVB	75255	112751	7.57%	0.709%
13	14.522	1903	1910	1920	rBV	586284	861733	57.86%	5.422%
14	14.822	1955	1961	1969	rBB2	500989	747108	50.17%	4.701%
15	15.039	1994	1998	2024	rBV	116373	263036	17.66%	1.655%
16	15.804	2122	2128	2138	rBB	785280	1112331	74.69%	6.998%
17	15.945	2147	2152	2163	rBV	205156	298397	20.04%	1.877%
18	17.551	2419	2425	2431	rBV	649762	893861	60.02%	5.624%
19	17.651	2436	2442	2453	rBV	879136	1222763	82.10%	7.693%
20	18.398	2563	2569	2575	rBV	147583	196526	13.20%	1.236%
21	18.980	2663	2668	2674	rVB3	32248	43590	2.93%	0.274%
22	19.516	2755	2759	2761	rBV5	10338	15428	1.04%	0.097%
23	19.651	2778	2782	2789	rBV	88208	120127	8.07%	0.756%
24	19.869	2814	2819	2821	rBV2	14367	16460	1.11%	0.104%
25	19.916	2821	2827	2835	rVB	1090476	1489281	100.00%	9.370%
26	20.392	2904	2908	2913	rBV2	27174	30330	2.04%	0.191%
27	20.880	2988	2991	2995	rBV	42200	46234	3.10%	0.291%
28	21.339	3065	3069	3078	rBV5	95477	236869	15.90%	1.490%
29	21.674	3121	3126	3132	rBV	871945	1119085	75.14%	7.041%
30	21.768	3139	3142	3147	rBV	69164	76737	5.15%	0.483%
31	22.215	3215	3218	3222	rBV	74547	91865	6.17%	0.578%
32	22.698	3297	3300	3305	rVB2	67845	86325	5.80%	0.543%
33	22.839	3320	3324	3329	rVB	67645	94968	6.38%	0.598%
34	23.227	3386	3390	3396	rVB3	72827	110200	7.40%	0.693%

LSC Area Percent Report

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Sample : J4171-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

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

35	23.821	3487	3491	3494	rBV3	55251	77228	5.19%	0.486%
36	23.880	3494	3501	3513	rVB	714571	1360074	91.32%	8.557%
37	24.027	3520	3526	3535	rVB	498758	952157	63.93%	5.991%

Sum of corrected areas: 15893997

LSC Report - Integrated Chromatogram

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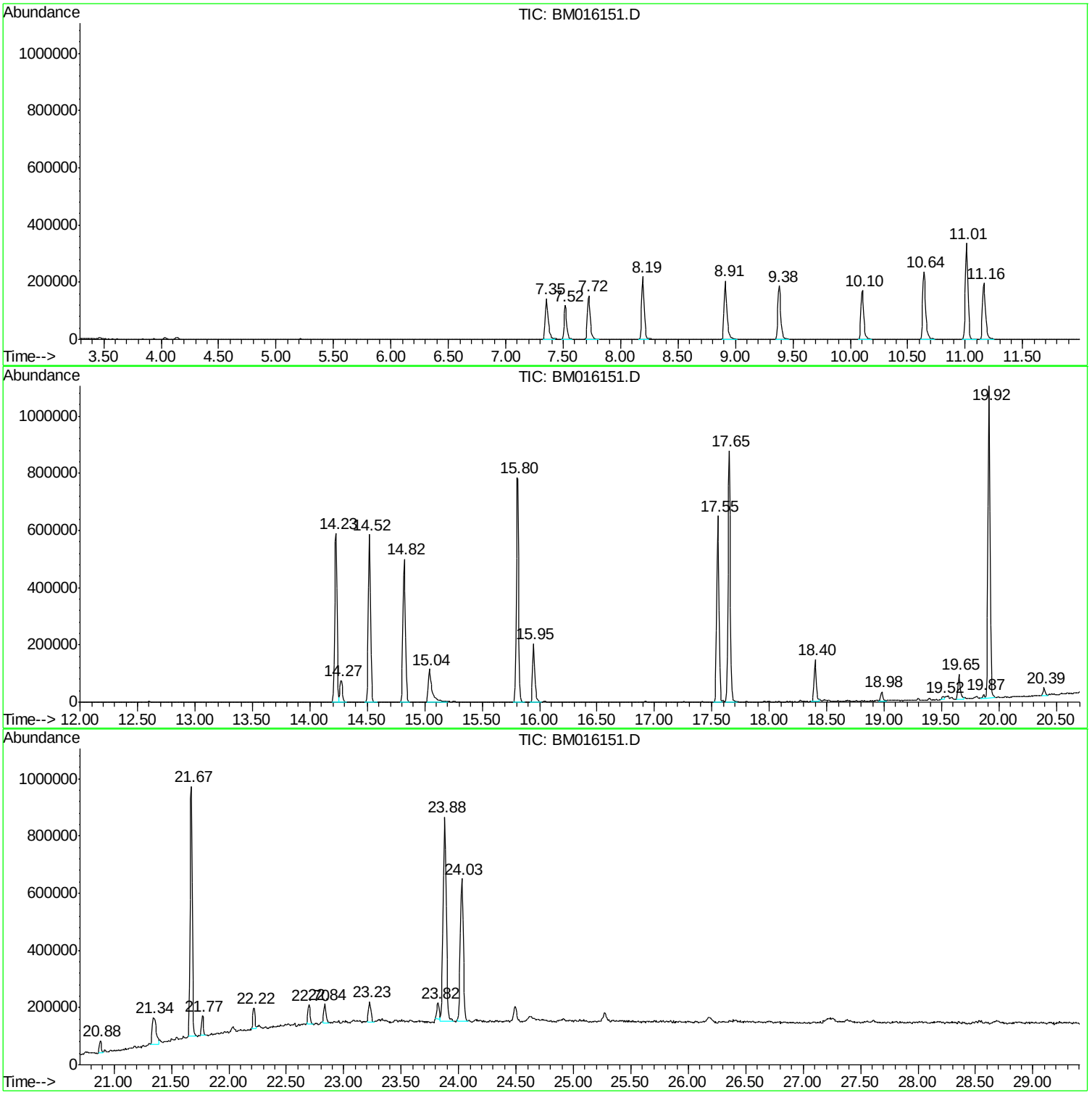
Data File : BM016151.D
Acq On : 01 Aug 2018 22:27
Operator : SJ/JU
Sample : J4171-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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\BM080118\
Data File : BM016151.D
Acq On : 01 Aug 2018 22:27
Operator : SJ/JU
Sample : J4171-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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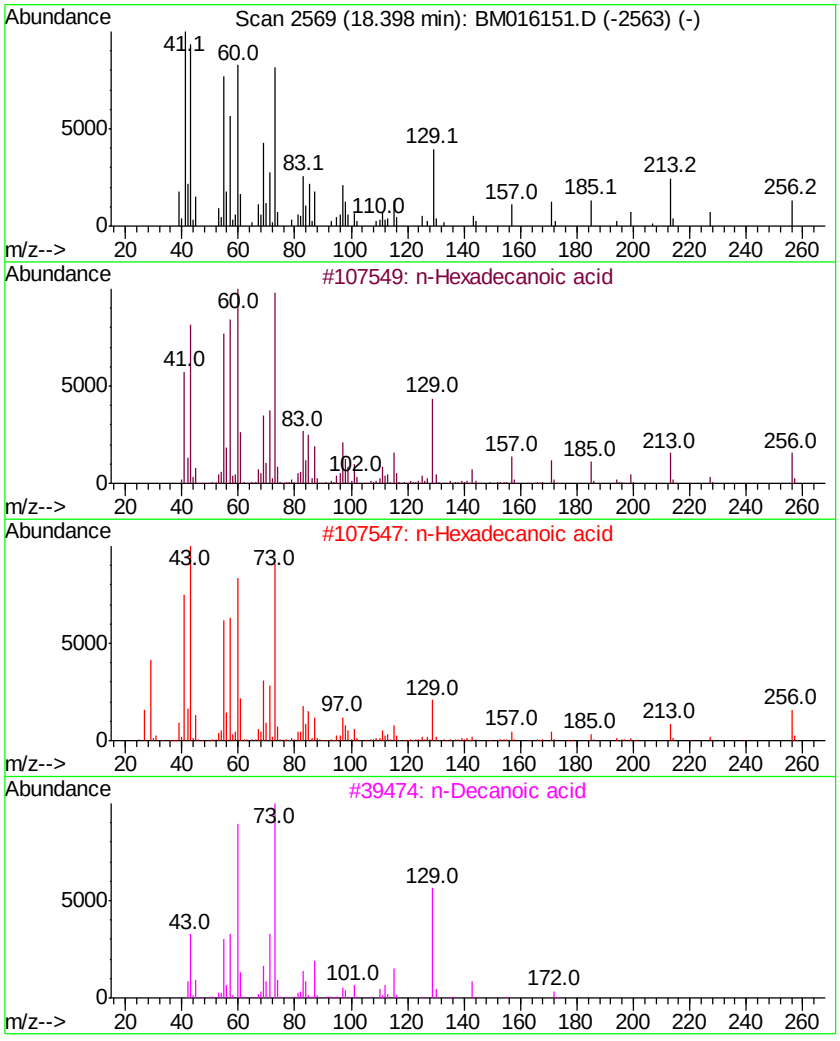
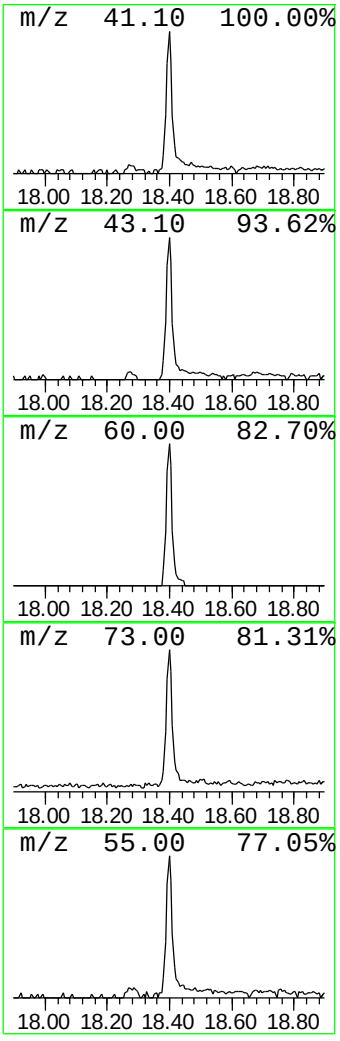
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.40 ng/ul	196526	Phenanthrene-d10	17.55

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	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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Data File : BM016151.D
Acq On : 01 Aug 2018 22:27
Operator : SJ/JU
Sample : J4171-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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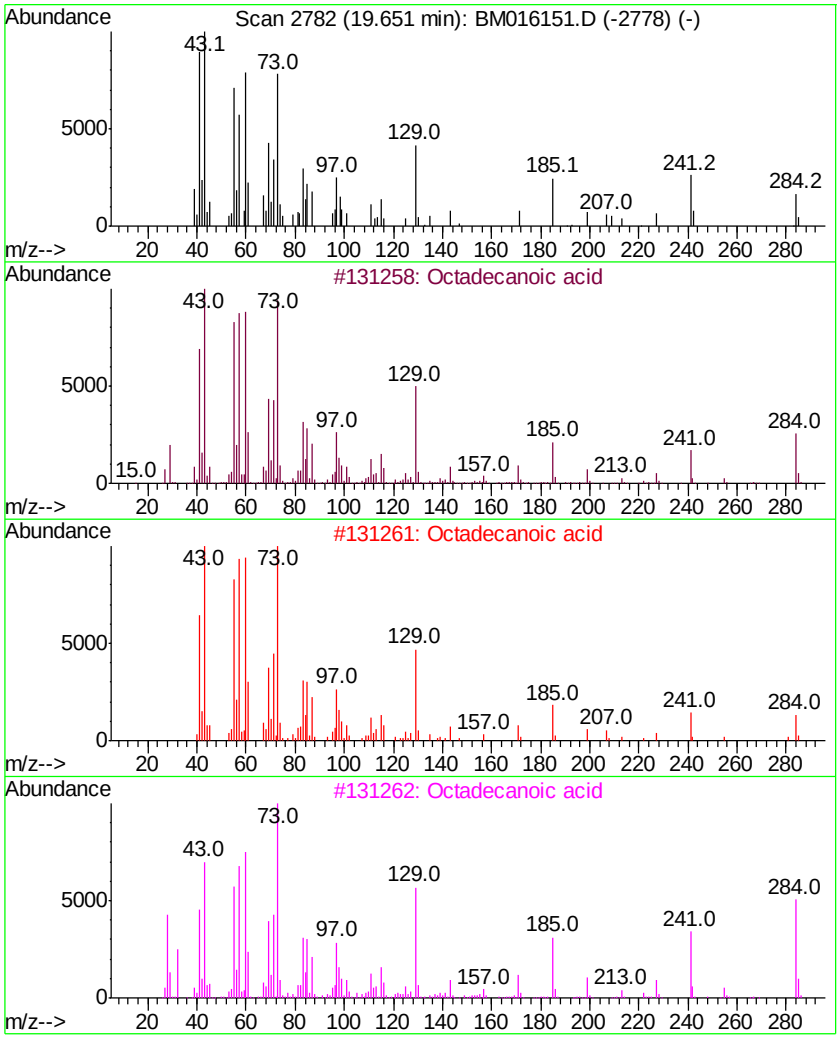
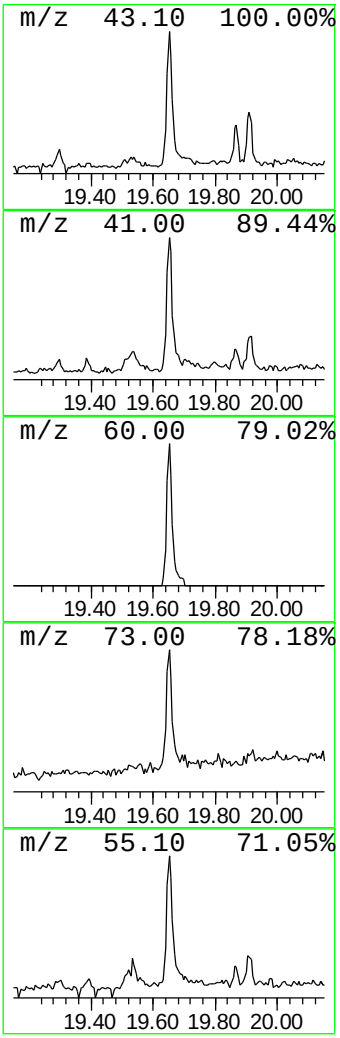
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.15 ng/ul	120127	Chrysene-d12	21.67

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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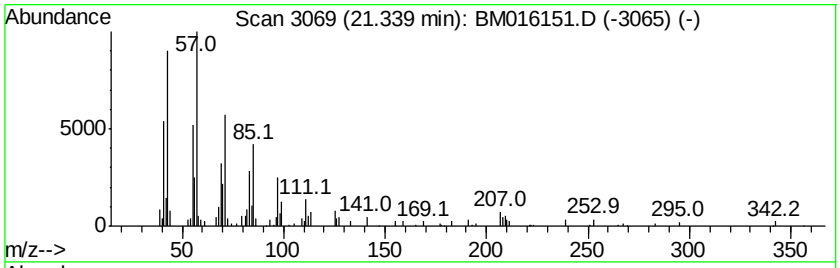
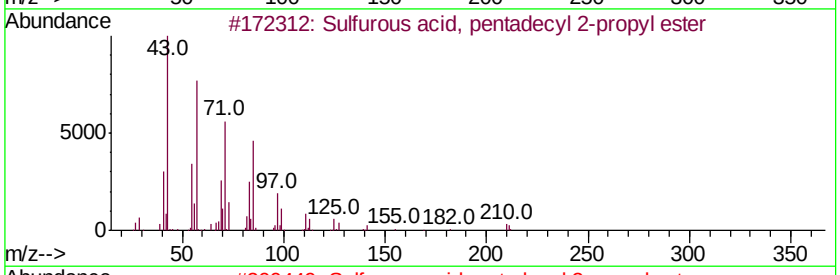
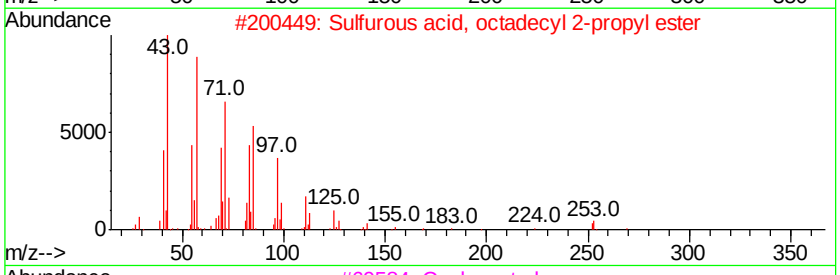
Peak Number 3 Sulfurous acid, pentadecyl ... Concentration Rank 2

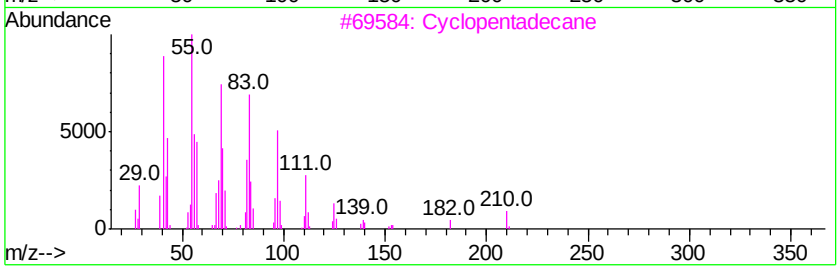
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.23 ng/ul	236869	Chrysene-d12	21.67

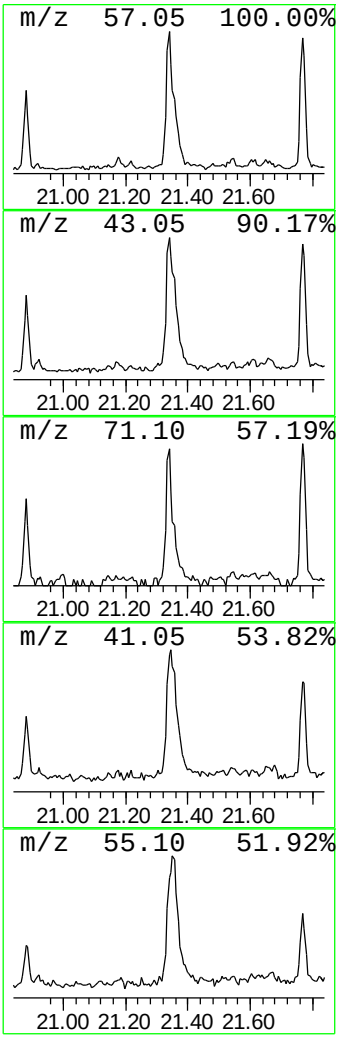
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	87
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3	Cyclopentadecane	210	C15H30	000295-48-7	86
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	64











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Quant Title : SVOA CALIBRATION

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

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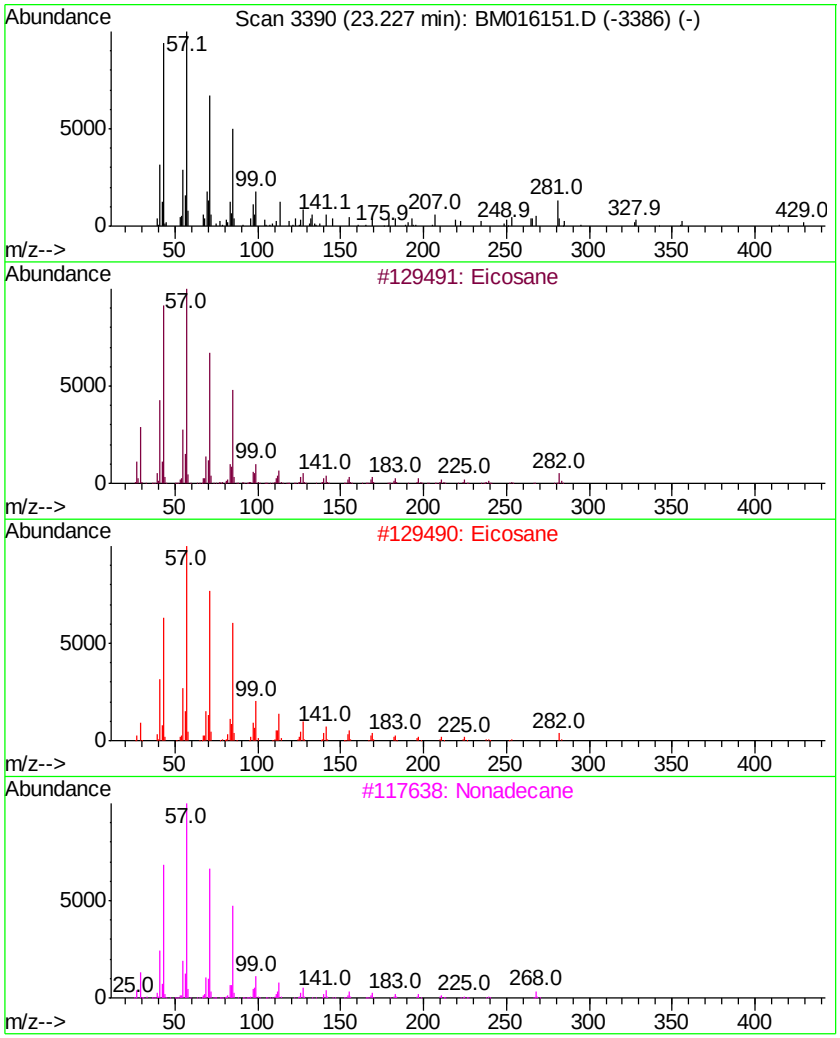
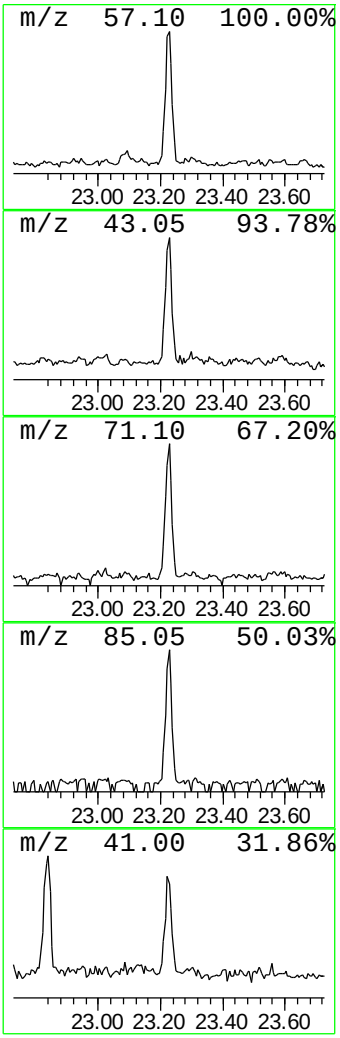
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.31 ng/ul	110200	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	96
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heptacosane	380	C27H56	000593-49-7	76
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76





Tentatively Identified Compound (LSC) summary

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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	18.40	4.4	ng/ul	196526	4	17.55	893861	20.0
Octadecanoic acid	19.65	2.1	ng/ul	120127	5	21.67	1119090	20.0
Sulfurous acid, p...	21.34	4.2	ng/ul	236869	5	21.67	1119090	20.0
(DEL) Alkane: Str...	23.23	2.3	ng/ul	110200	6	24.03	952157	20.0