LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
Data File : BM008946.D
Acq On : 31 Jan 2017 19:03
Operator : SJ/MA
Sample : I1467-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMW1

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	7.069	755	762	773	rVB2	370311	651564	8.65%	1.947%
2	7.245	784	792	799	rBV	227789	355163	4.71%	1.061%
3	7.445	820	826	833	rVB2	346222	565398	7.50%	1.690%
4	7.916	899	906	913	rBV	389492	610915	8.11%	1.826%
5	8.610	1018	1024	1032	rBV	374958	590660	7.84%	1.765%
6	9.081	1097	1104	1112	rBV	389501	625389	8.30%	1.869%
7	9.798	1220	1226	1234	rBV	306955	502051	6.66%	1.501%
8	10.333	1310	1317	1324	rBV	407163	684952	9.09%	2.047%
9	10.722	1374	1383	1391	rVB	431249	737675	9.79%	2.205%
10	10.851	1397	1405	1412	rBV2	89729	156937	2.08%	0.469%
11	13.957	1926	1933	1937	rBV	349714	483991	6.42%	1.447%
12	14.004	1937	1941	1946	rVB	82449	106177	1.41%	0.317%
13	14.245	1974	1982	1989	rBV	628950	943715	12.53%	2.821%
14	14.557	2026	2035	2041	rBV	591917	876645	11.64%	2.620%
15	14.739	2059	2066	2076	rBV	298120	439317	5.83%	1.313%
16	15.545	2197	2203	2211	rBV	842352	1189797	15.79%	3.556%
17	15.657	2216	2222	2228	rVB2	125711	173620	2.30%	0.519%
18	17.298	2494	2501	2508	rBV	740833	1094711	14.53%	3.272%
19	17.398	2513	2518	2524	rVV2	992350	1391789	18.47%	4.160%
20	18.168	2641	2649	2655	rBV2	98371	133630	1.77%	0.399%
21	19.445	2862	2866	2873	rVB3	68164	88870	1.18%	0.266%
22	19.597	2884	2892	2901	rBV	7196510	7534380	100.00%	22.518%
23	19.686	2901	2907	2917	rVB	1264194	1727490	22.93%	5.163%
24	20.639	3064	3069	3074	rBV	6678089	6689414	88.79%	19.993%
25	21.156	3153	3157	3162	rBV3	144684	181090	2.40%	0.541%
26	21.468	3205	3210	3217	rBV	1218813	1551520	20.59%	4.637%
27	22.674	3411	3415	3420	rVB3	71213	108405	1.44%	0.324%
28	23.674	3578	3585	3594	rVB	971877	1871515	24.84%	5.594%
29	23.827	3605	3611	3619	rVB2	703289	1391911	18.47%	4.160%

Sum of corrected areas: 33458691

LSC Report - Integrated Chromatogram

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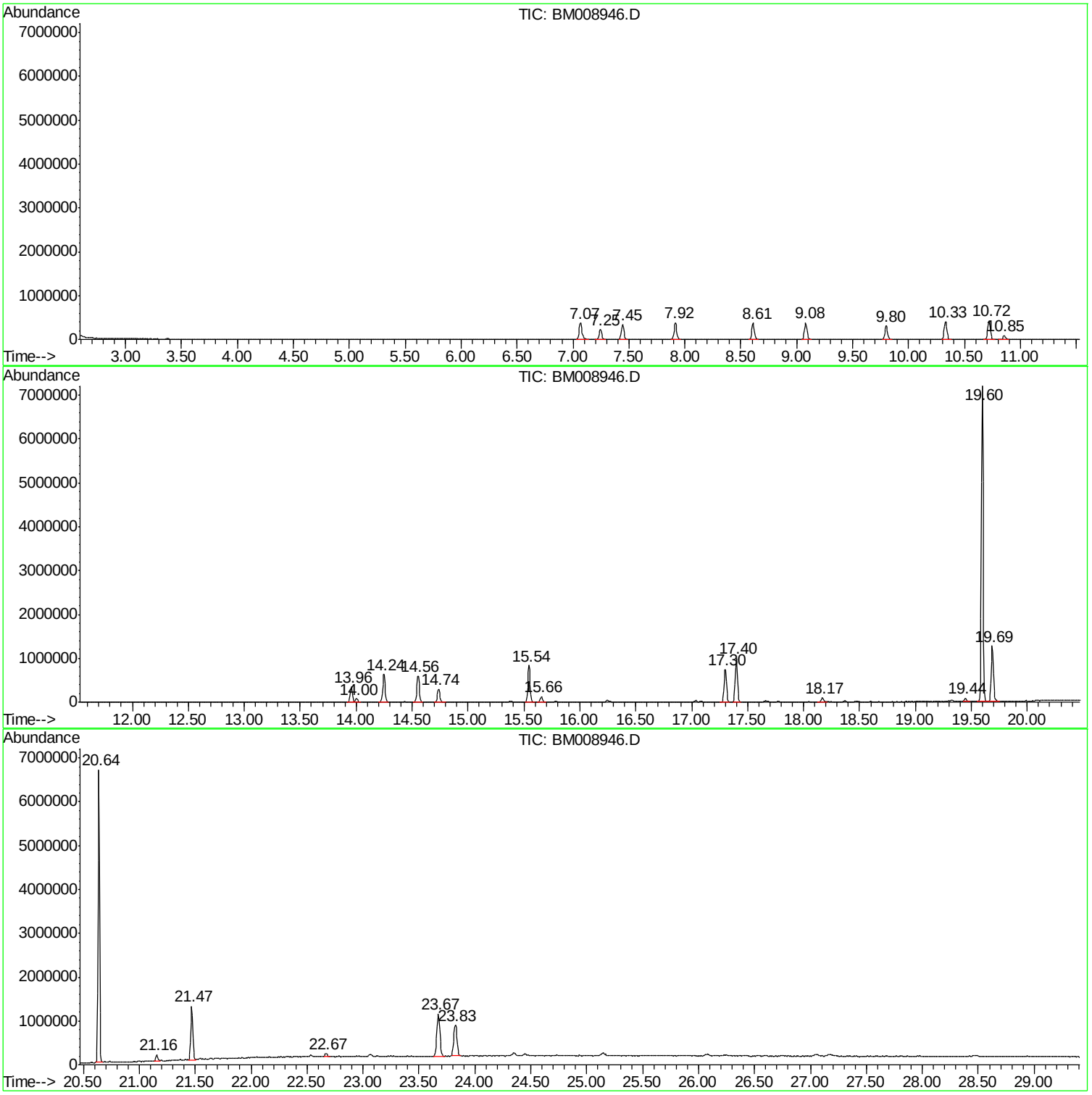
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMW1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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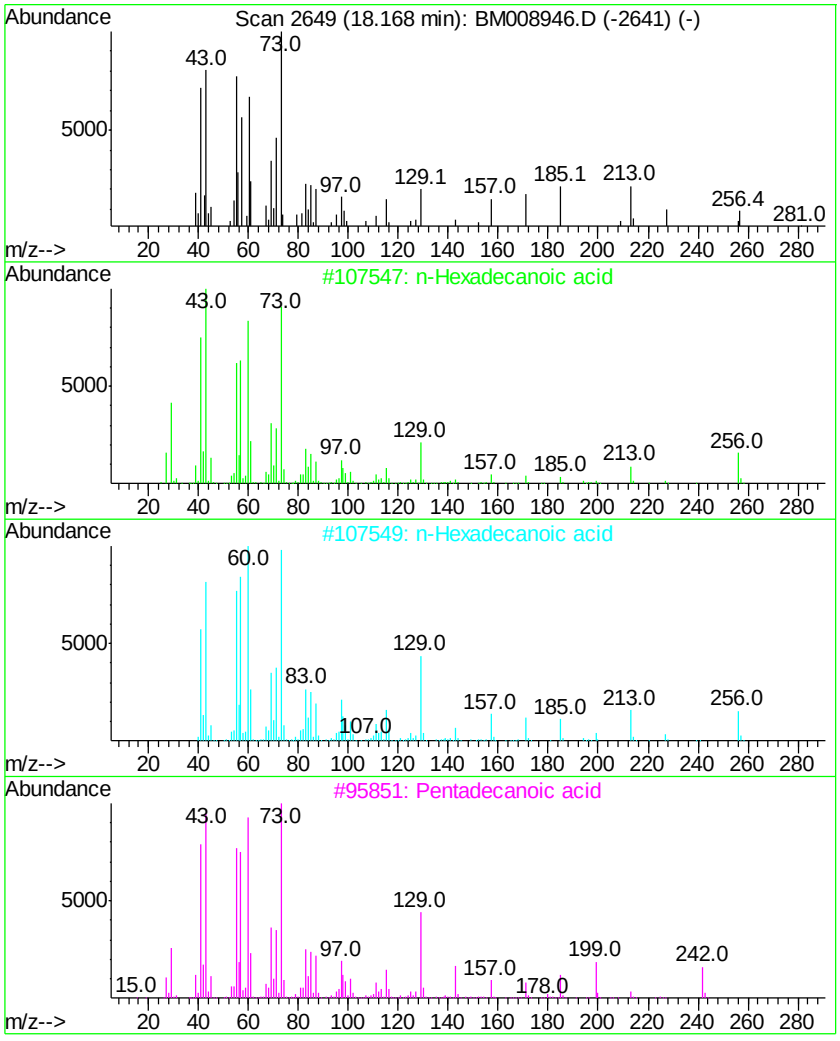
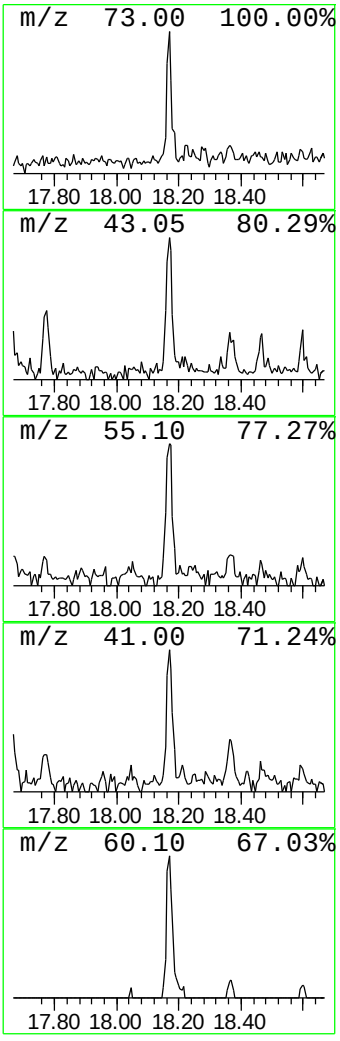
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.44 ng/ul	133630	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Sample : I1467-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMW1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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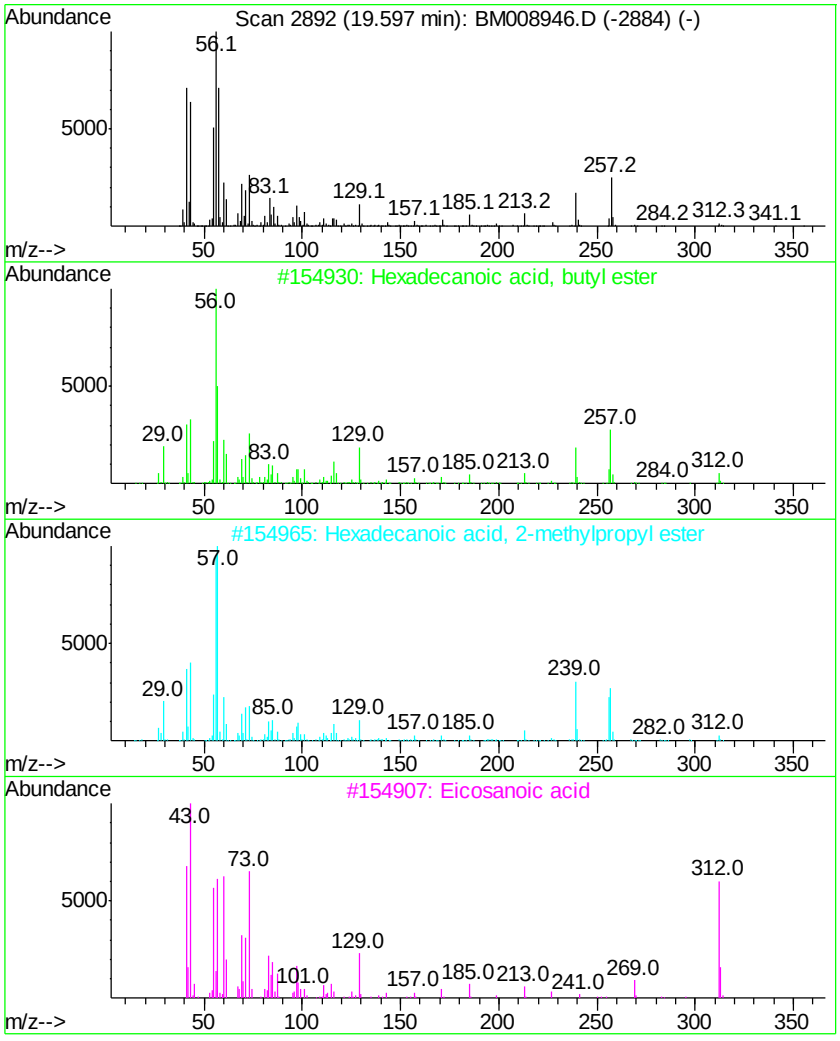
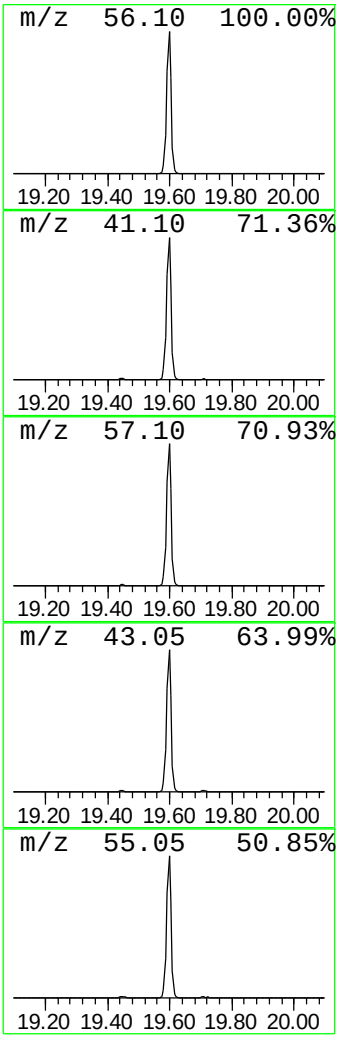
Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	97.12 ng/ul	7534380	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80
3	Eicosanoic acid	312	C20H40O2	000506-30-9	51
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43
5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43





Library Search Compound Report

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Sample : I1467-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMW1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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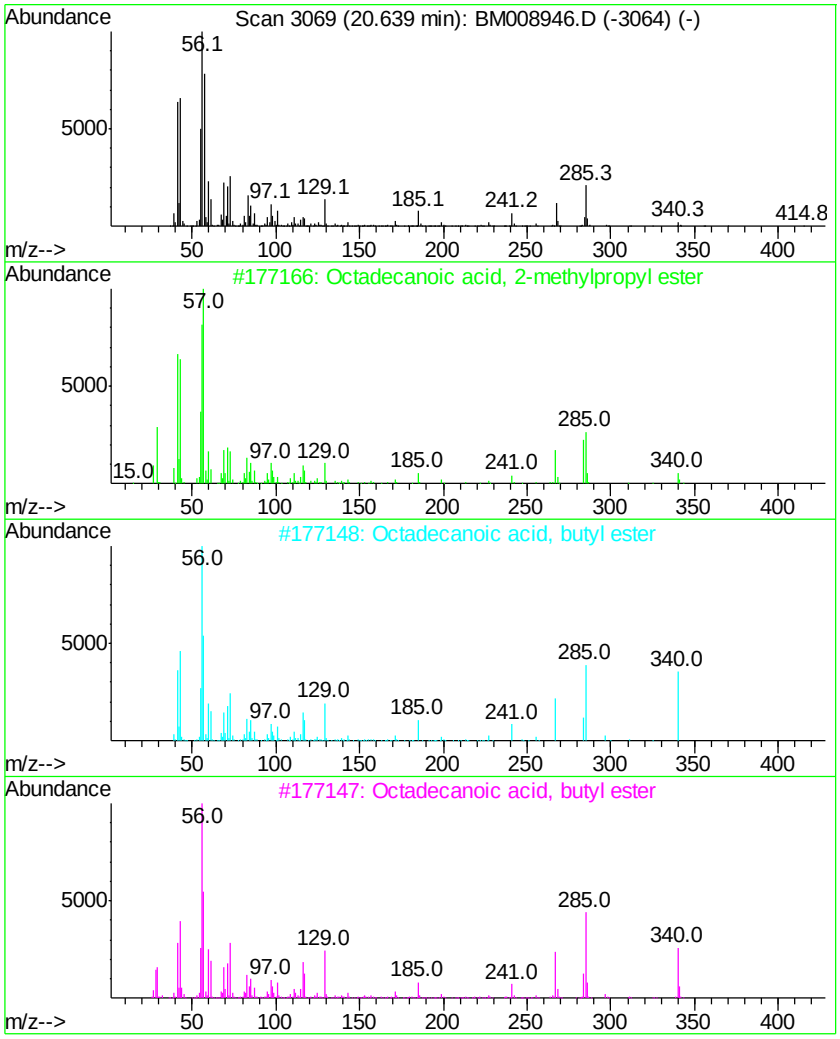
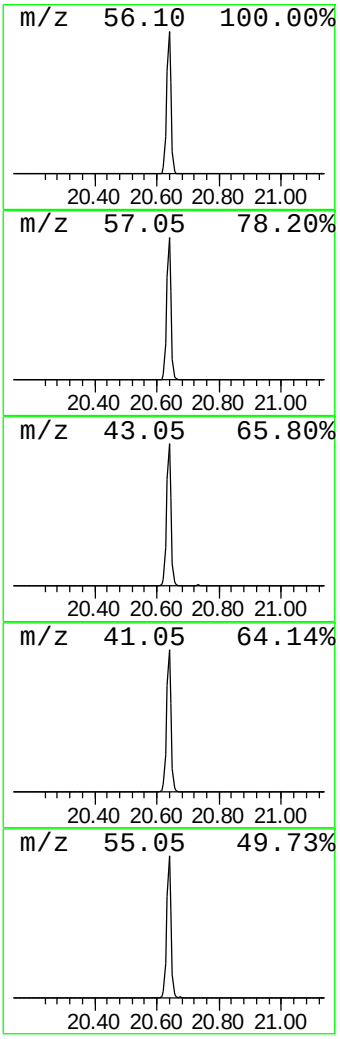
Peak Number 3 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	86.23 ng/ul	6689410	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	83
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	55
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
4	Docosanoic acid	340	C22H44O2	000112-85-6	42
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	38





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Sample : I1467-14
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Instrument : BNA_M
ClientSampleId : BDMW1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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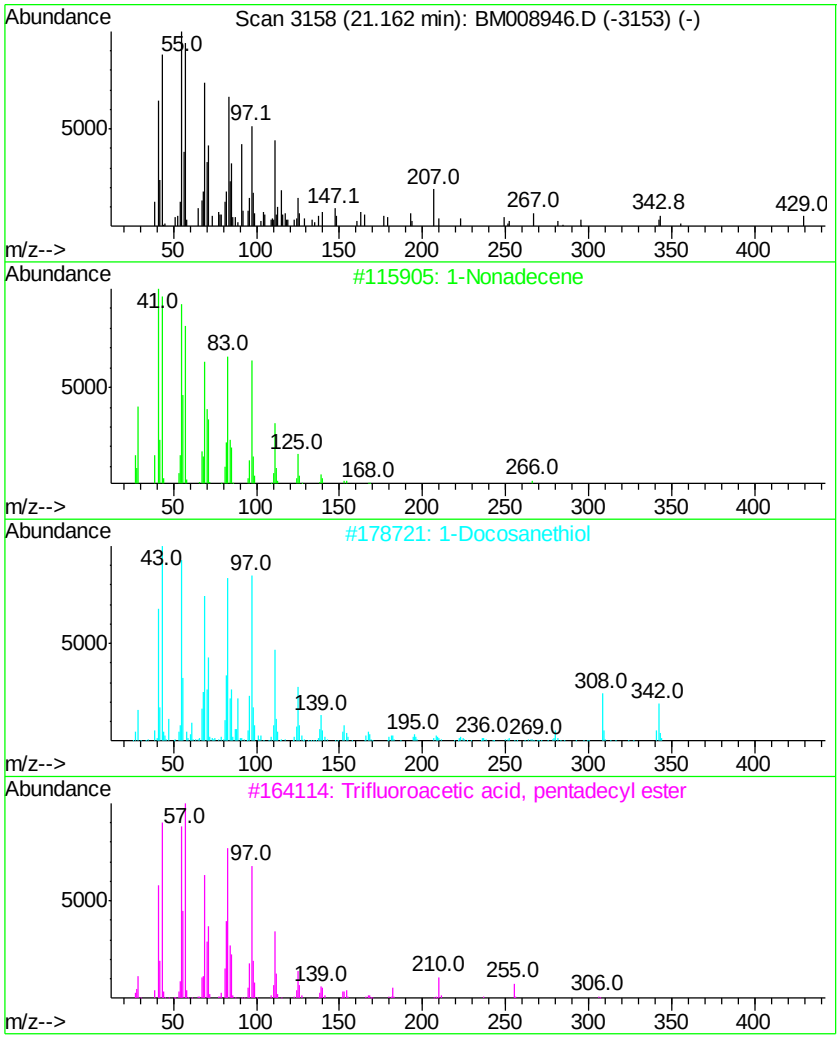
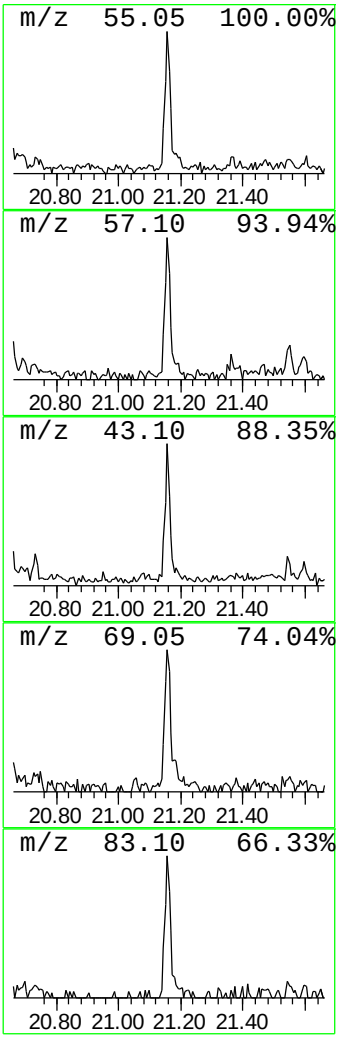
Peak Number 4 (DEL) Alkane: Cyclic21.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.33 ng/ul	181090	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Docosanethiol	342	C22H46S	007773-83-3	92
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	70
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
5	1-Heneicosanol	312	C21H44O	015594-90-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013117\
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Operator : SJ/MA
Sample : I1467-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDMW1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	18.17	2.4	ng/ul	133630	4	17.30	1094710	20.0
Hexadecanoic acid...	19.60	97.1	ng/ul	7534380	5	21.47	1551520	20.0
Octadecanoic acid...	20.64	86.2	ng/ul	6689410	5	21.47	1551520	20.0
(DEL) Alkane: Cyc...	21.16	2.3	ng/ul	181090	5	21.47	1551520	20.0