LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008926.D
Acq On : 30 Jan 2017 23:43
Operator : SJ/MA
Sample : I1319-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP10

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	754	762	773	rBV3	400092	750075	9.85%	2.132%
2	7.245	784	792	799	rBV	241062	361806	4.75%	1.028%
3	7.445	819	826	834	rVB2	381761	598577	7.86%	1.701%
4	7.916	898	906	912	rBV2	327376	532426	6.99%	1.513%
5	8.610	1018	1024	1034	rVB2	399080	653115	8.58%	1.856%
6	9.080	1097	1104	1112	rBV	387661	631003	8.29%	1.793%
7	9.804	1218	1227	1234	rBV2	342301	560745	7.36%	1.594%
8	10.333	1310	1317	1327	rBV	436332	716247	9.41%	2.036%
9	10.722	1376	1383	1391	rVB2	383250	640856	8.42%	1.821%
10	10.857	1398	1406	1413	rBV2	341536	580278	7.62%	1.649%
11	13.963	1926	1934	1938	rBV	716965	995567	13.07%	2.829%
12	14.010	1938	1942	1947	rVB	114970	151764	1.99%	0.431%
13	14.251	1976	1983	1991	rVB	699129	1000753	13.14%	2.844%
14	14.557	2028	2035	2043	rBV	571605	811413	10.66%	2.306%
15	14.739	2057	2066	2074	rBV	446528	639065	8.39%	1.816%
16	15.551	2196	2204	2213	rBV	878262	1264265	16.60%	3.593%
17	15.662	2217	2223	2230	rVB	346443	490014	6.44%	1.393%
18	16.245	2318	2322	2331	rBV3	51470	90589	1.19%	0.257%
19	17.303	2495	2502	2508	rBV	735597	1012186	13.29%	2.877%
20	17.398	2512	2518	2525	rBV	1000974	1437763	18.88%	4.086%
21	18.174	2645	2650	2656	rBV2	205219	267402	3.51%	0.760%
22	19.450	2861	2867	2874	rBV2	137825	192931	2.53%	0.548%
23	19.597	2885	2892	2897	rBV	6967388	7614408	100.00%	21.641%
24	19.692	2902	2908	2916	rVB	1262750	1712637	22.49%	4.867%
25	20.639	3065	3069	3074	rBV	6064212	6541969	85.92%	18.593%
26	21.162	3154	3158	3163	rBV2	151785	184587	2.42%	0.525%
27	21.474	3205	3211	3216	rBV	1096272	1446522	19.00%	4.111%
28	22.538	3389	3392	3398	rVB4	110392	166491	2.19%	0.473%
29	23.680	3578	3586	3593	rBV2	919181	1852941	24.33%	5.266%
30	23.827	3604	3611	3618	rBV2	625731	1287019	16.90%	3.658%

Sum of corrected areas: 35185414

LSC Report - Integrated Chromatogram

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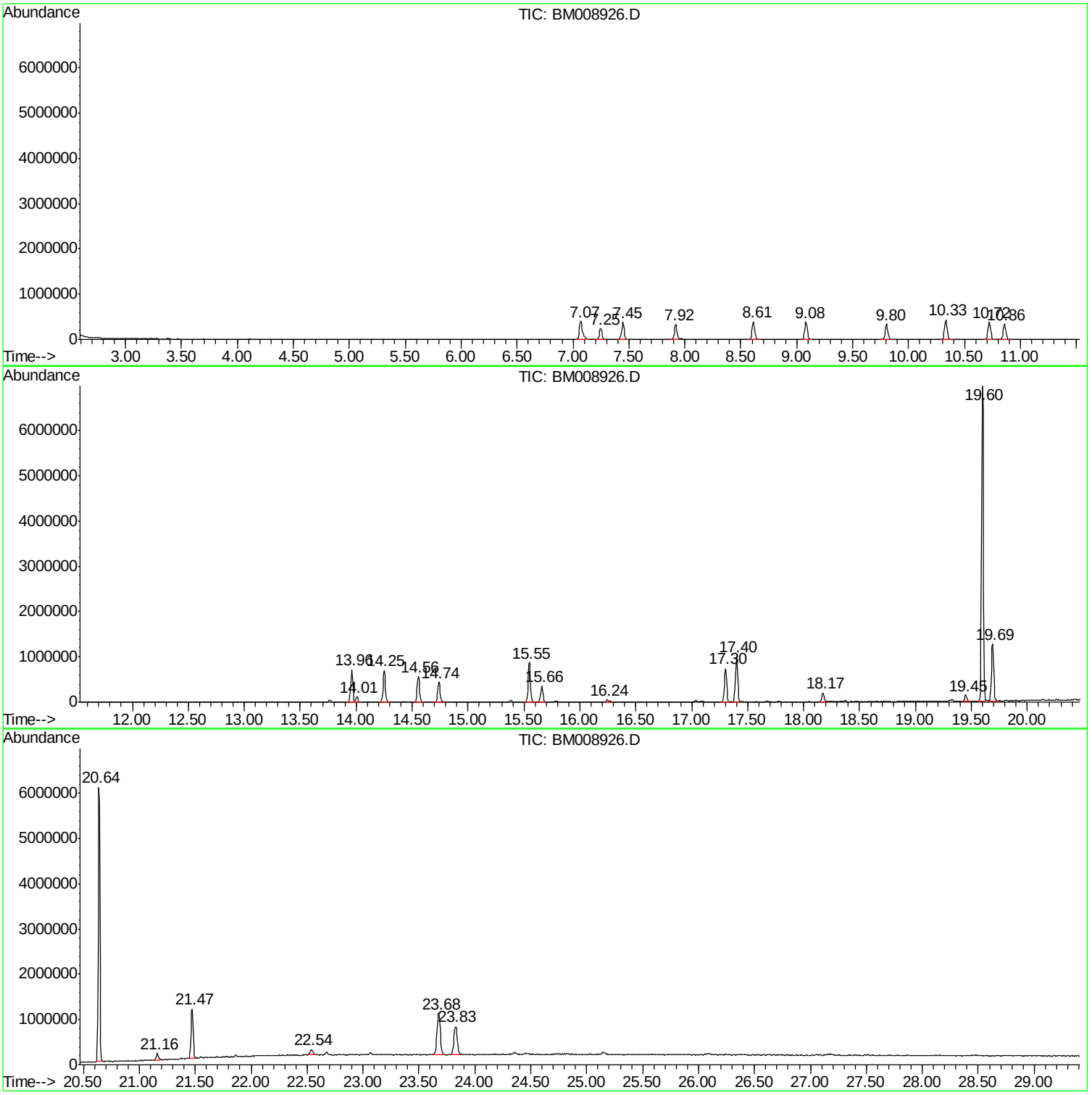
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP10

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 Title : SVOA CALIBRATION

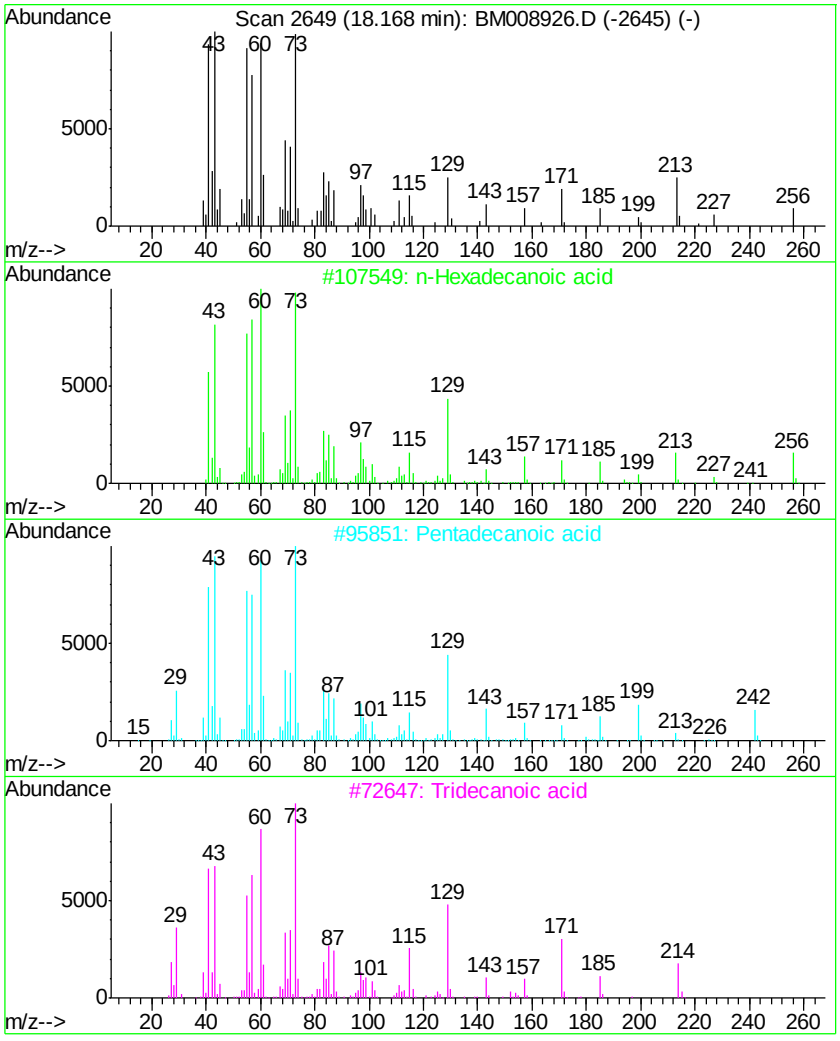
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

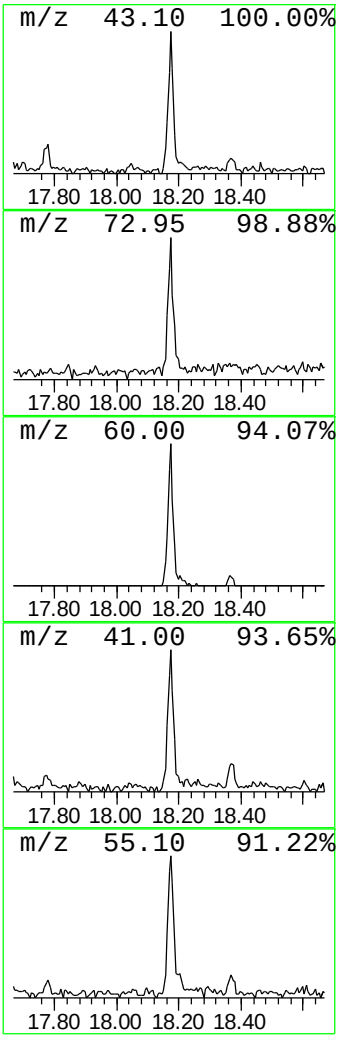
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.28 ng/ul	267402	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

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Operator : SJ/MA
Sample : I1319-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP10

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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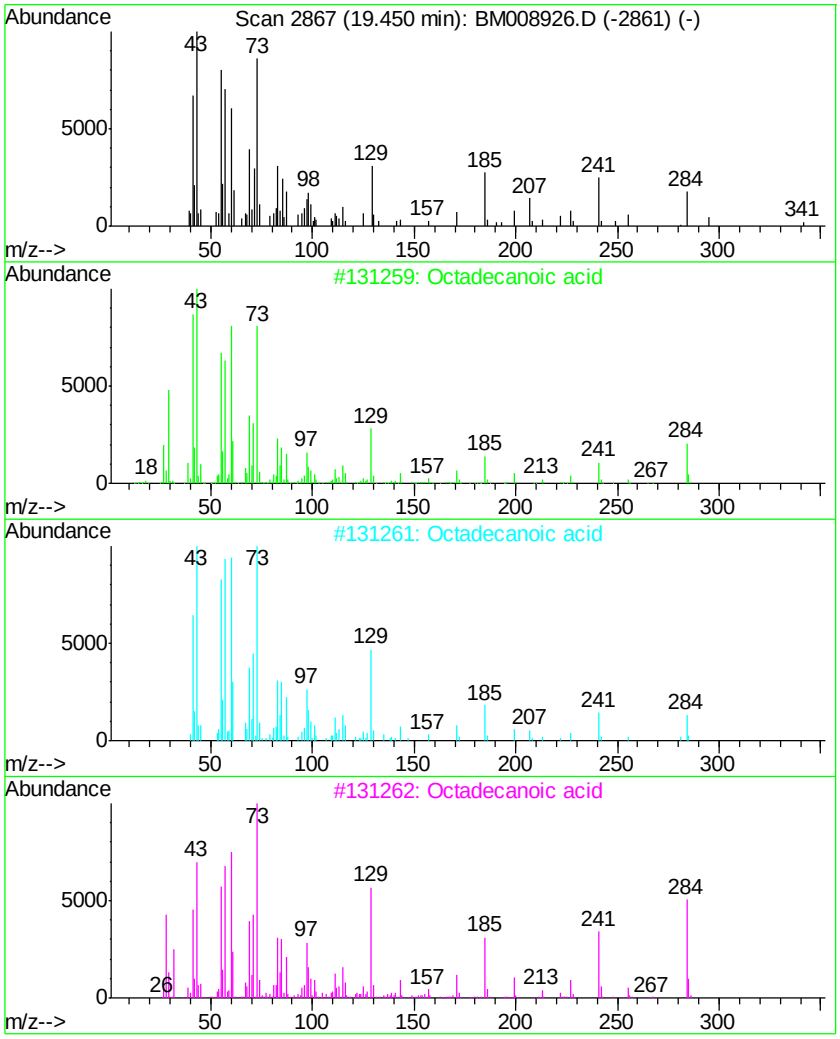
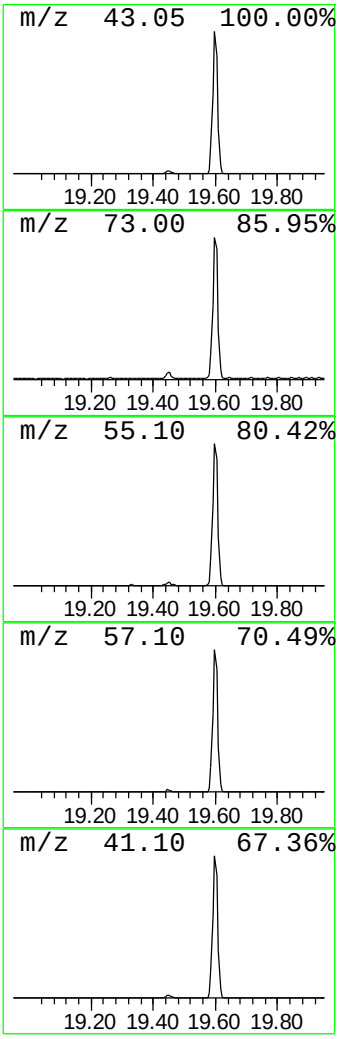
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	2.67 ng/ul	192931	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Library Search Compound Report

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Operator : SJ/MA
Sample : I1319-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP10

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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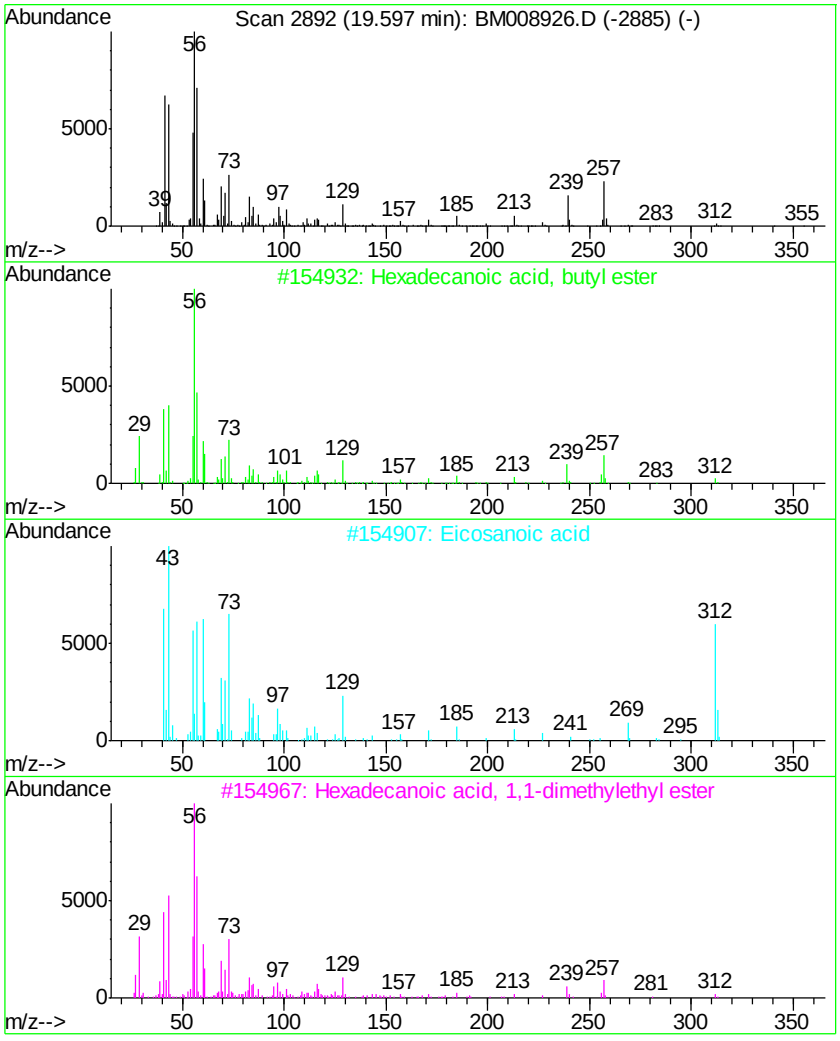
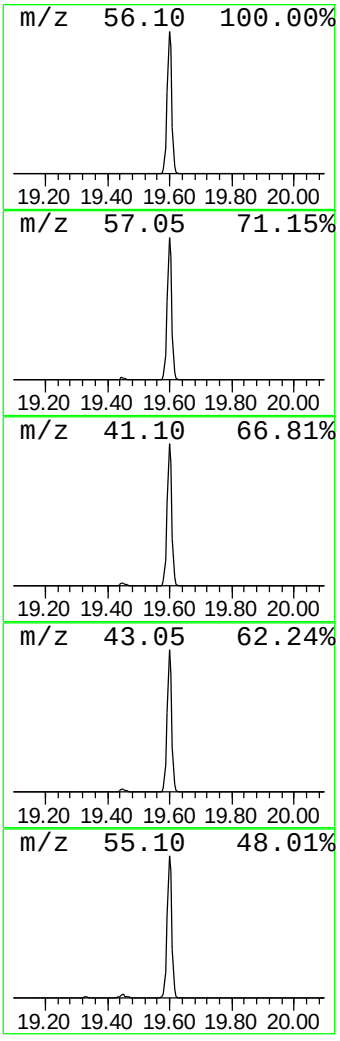
Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	105.28 ng/ul	7614410	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Eicosanoic acid	312	C20H40O2	000506-30-9	86
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	52
5	Eicosanoic acid	312	C20H40O2	000506-30-9	38





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BDP10

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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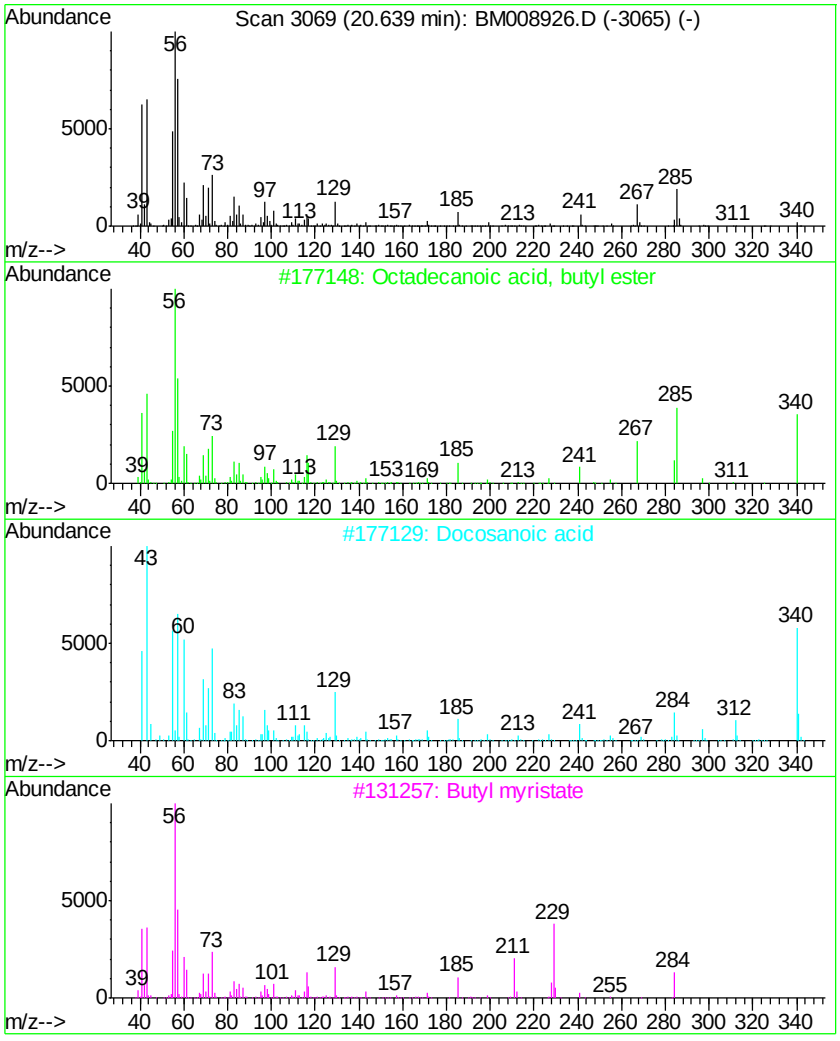
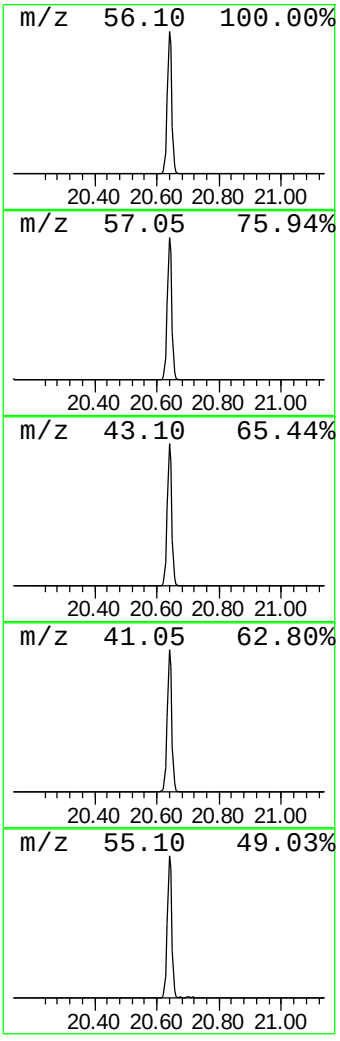
Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	90.45 ng/ul	6541970	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Docosanoic acid	340	C22H44O2	000112-85-6	80
3	Butyl myristate	284	C18H36O2	000110-36-1	64
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	38
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	38





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Sample : I1319-06
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP10

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

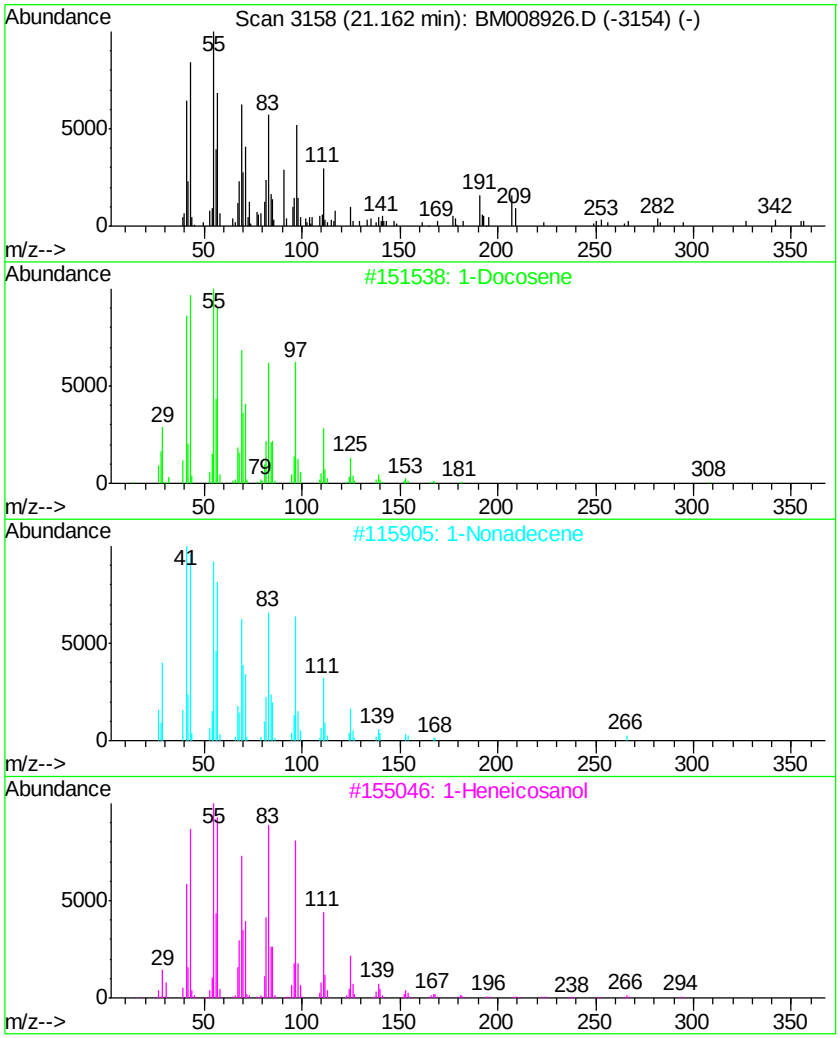
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

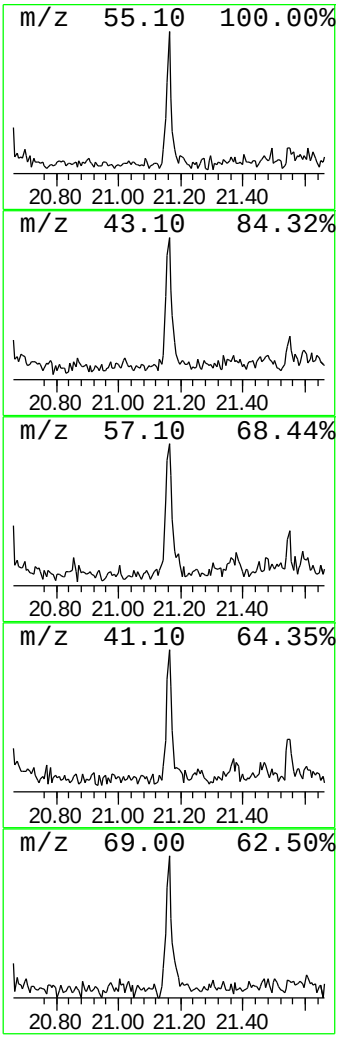
****

Peak Number 5 (DEL) Alkane: Cyclic21.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.55 ng/ul	184587	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	74
2	1-Nonadecene	266	C19H38	018435-45-5	68
3	1-Heneicosanol	312	C21H44O	015594-90-8	68
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	62





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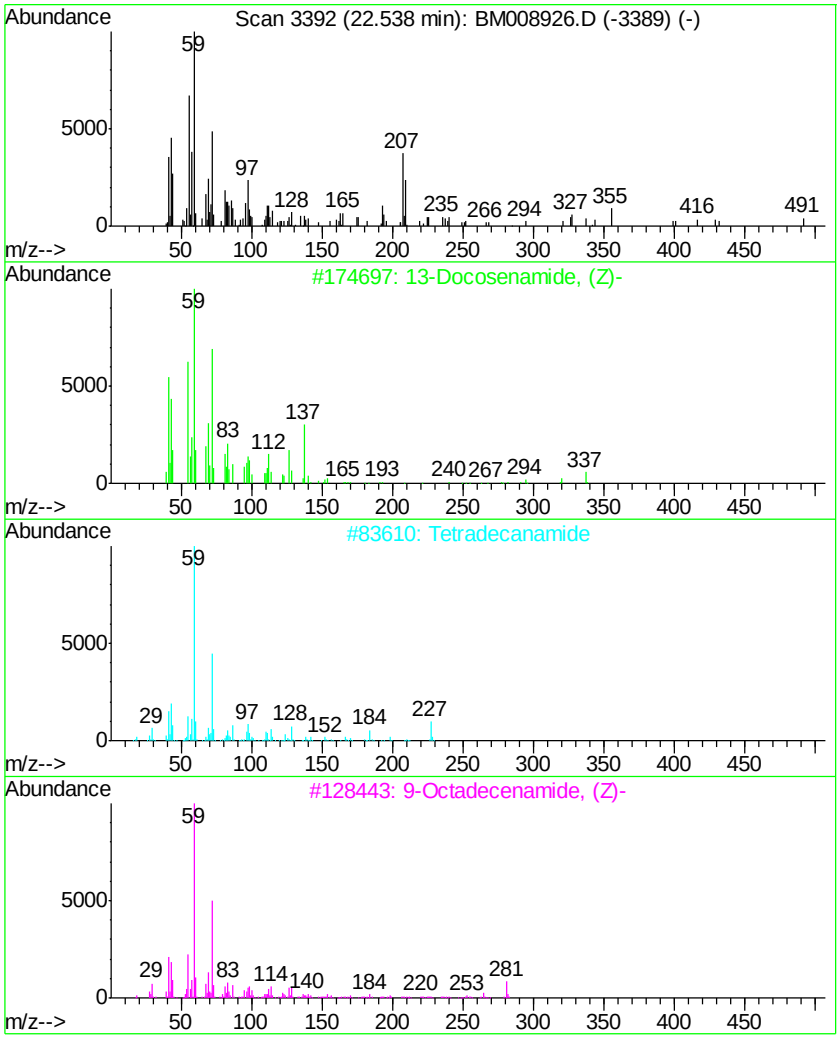
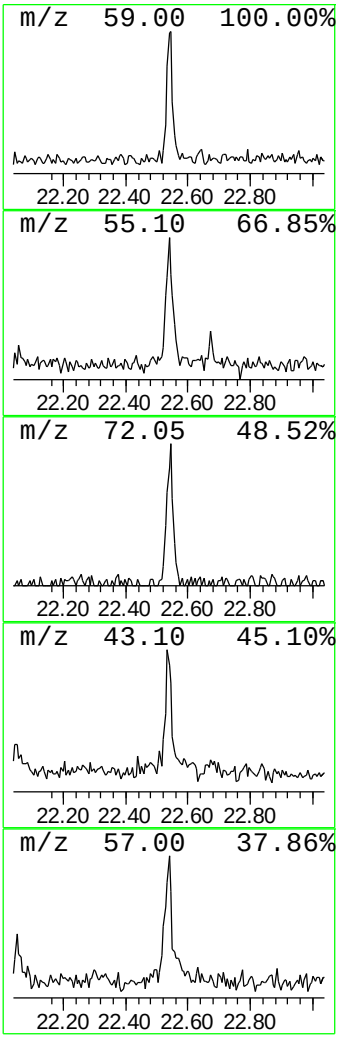
****

Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.30 ng/ul	166491	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	62
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
4	Dodecanamide	199	C12H25NO	001120-16-7	47
5	Decanamide-	171	C10H21NO	002319-29-1	47





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	18.17	5.3	ng/ul	267402	4	17.30	1012190	20.0
Octadecanoic acid	19.45	2.7	ng/ul	192931	5	21.47	1446520	20.0
Hexadecanoic acid...	19.60	105.3	ng/ul	7614410	5	21.47	1446520	20.0
Octadecanoic acid...	20.64	90.5	ng/ul	6541970	5	21.47	1446520	20.0
(DEL) Alkane: Cyc...	21.16	2.5	ng/ul	184587	5	21.47	1446520	20.0
13-Docosenamide, ...	22.54	2.3	ng/ul	166491	5	21.47	1446520	20.0