LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM121217\
Data File : BM013346.D
Acq On : 12 Dec 2017 19:25
Operator : SJ/JU
Sample : I6775-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

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\SOM-EPA-BM113017.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	6.869	635	643	652	rBV2	1015408	1860811	24.58%	2.494%
2	7.028	662	670	679	rVB	810294	1252997	16.55%	1.679%
3	7.222	694	703	712	rBV	1096529	1720898	22.73%	2.306%
4	7.686	774	782	790	rBV	813404	1297096	17.13%	1.738%
5	8.392	895	902	912	rBV	1214230	1941385	25.64%	2.602%
6	8.839	971	978	986	rBV	1163861	1879258	24.82%	2.519%
7	9.557	1093	1100	1112	rBV2	1001137	1654840	21.85%	2.218%
8	10.092	1182	1191	1201	rBV	1513739	2518884	33.27%	3.376%
9	10.463	1247	1254	1261	rBV	1101337	1851249	24.45%	2.481%
10	10.610	1271	1279	1293	rBV	1328404	2266761	29.94%	3.038%
11	13.745	1805	1812	1816	rBV	3113341	4179373	55.20%	5.601%
12	13.792	1816	1820	1828	rVB	667852	922835	12.19%	1.237%
13	14.021	1852	1859	1866	rVB	3328440	4788539	63.24%	6.418%
14	14.233	1890	1895	1900	rBV	132574	168317	2.22%	0.226%
15	14.327	1903	1911	1918	rBV2	1685211	2566903	33.90%	3.440%
16	14.545	1939	1948	1965	rBV	1325246	2110374	27.87%	2.828%
17	15.192	2053	2058	2062	rVB	157737	195163	2.58%	0.262%
18	15.327	2073	2081	2088	rBV	4293720	5836364	77.08%	7.822%
19	15.451	2095	2102	2115	rBV	1225379	1707805	22.55%	2.289%
20	15.562	2117	2121	2126	rBV5	51318	97891	1.29%	0.131%
21	16.057	2200	2205	2213	rBV	113322	187419	2.48%	0.251%
22	16.733	2315	2320	2329	rVB2	113416	171819	2.27%	0.230%
23	17.080	2372	2379	2384	rBV2	2193947	3181035	42.01%	4.263%
24	17.180	2389	2396	2406	rVB2	4458668	6475616	85.52%	8.679%
25	17.986	2528	2533	2543	rBV	384985	561719	7.42%	0.753%
26	18.698	2649	2654	2660	rBV5	56303	86842	1.15%	0.116%
27	19.109	2717	2724	2726	rBV	68683	110965	1.47%	0.149%
28	19.139	2726	2729	2734	rVV	81536	111143	1.47%	0.149%
29	19.268	2746	2751	2760	rVV5	117516	171794	2.27%	0.230%
30	19.474	2780	2786	2794	rBV	5537033	7571957	100.00%	10.148%
31	19.921	2858	2862	2866	rVB	367517	449082	5.93%	0.602%
32	20.456	2948	2953	2959	rVB	772074	1073419	14.18%	1.439%
33	20.868	3020	3023	3029	rBV2	72904	104286	1.38%	0.140%
34	20.986	3039	3043	3053	rVB	959858	1152885	15.23%	1.545%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

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\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	21.268	3085	3091	3096	rBV	2663319	3336359	44.06%	4.472%
36	21.591	3142	3146	3150	rVB	287588	341438	4.51%	0.458%
37	23.356	3439	3446	3457	rVB2	3136417	5853740	77.31%	7.846%
38	23.491	3463	3469	3477	rVB	1350218	2536854	33.50%	3.400%
39	24.115	3571	3575	3583	rVB6	160533	315641	4.17%	0.423%

Sum of corrected areas: 74611756

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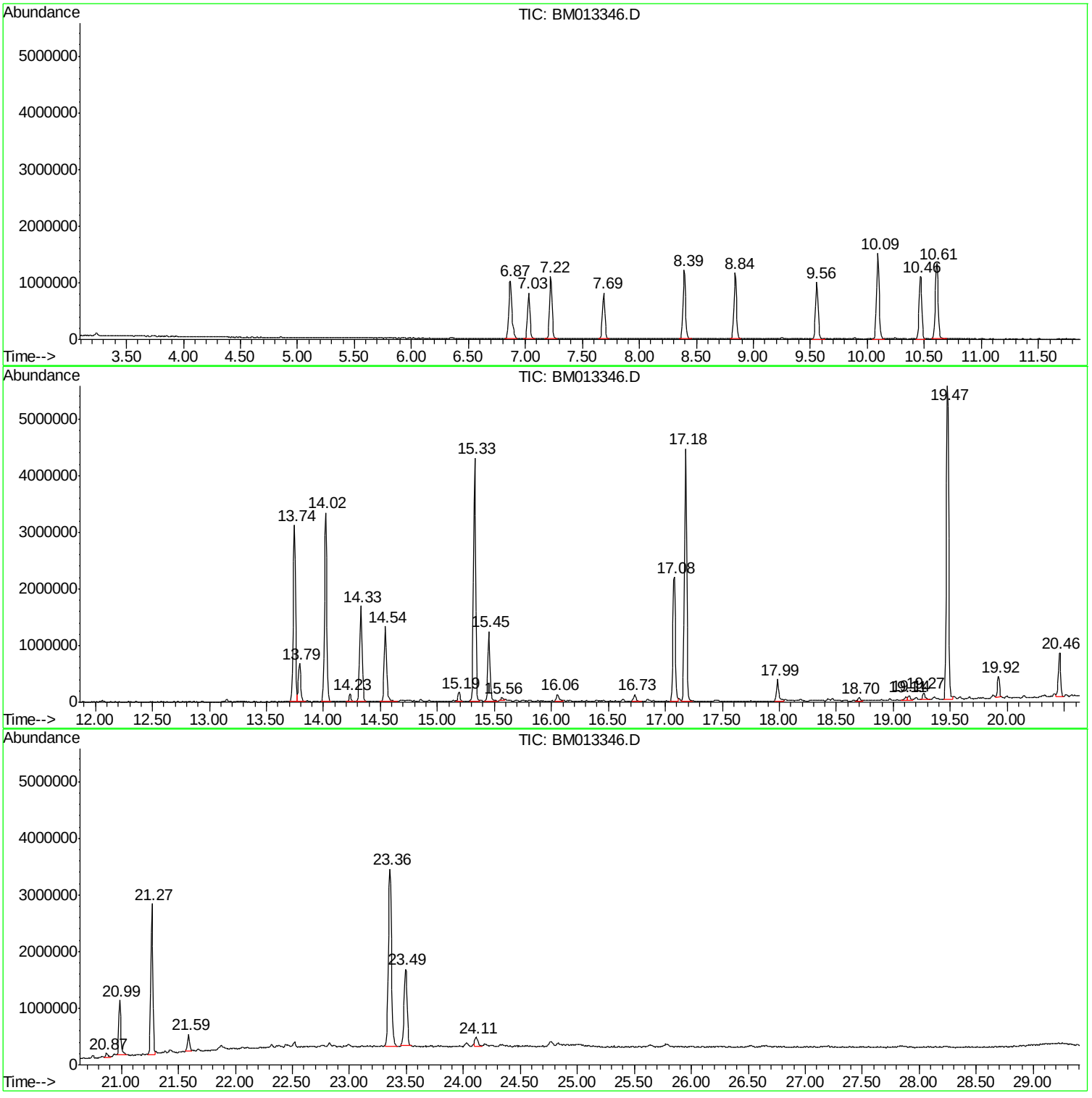
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/JU
Sample : I6775-04
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Instrument : BNA_M
ClientSampleId : F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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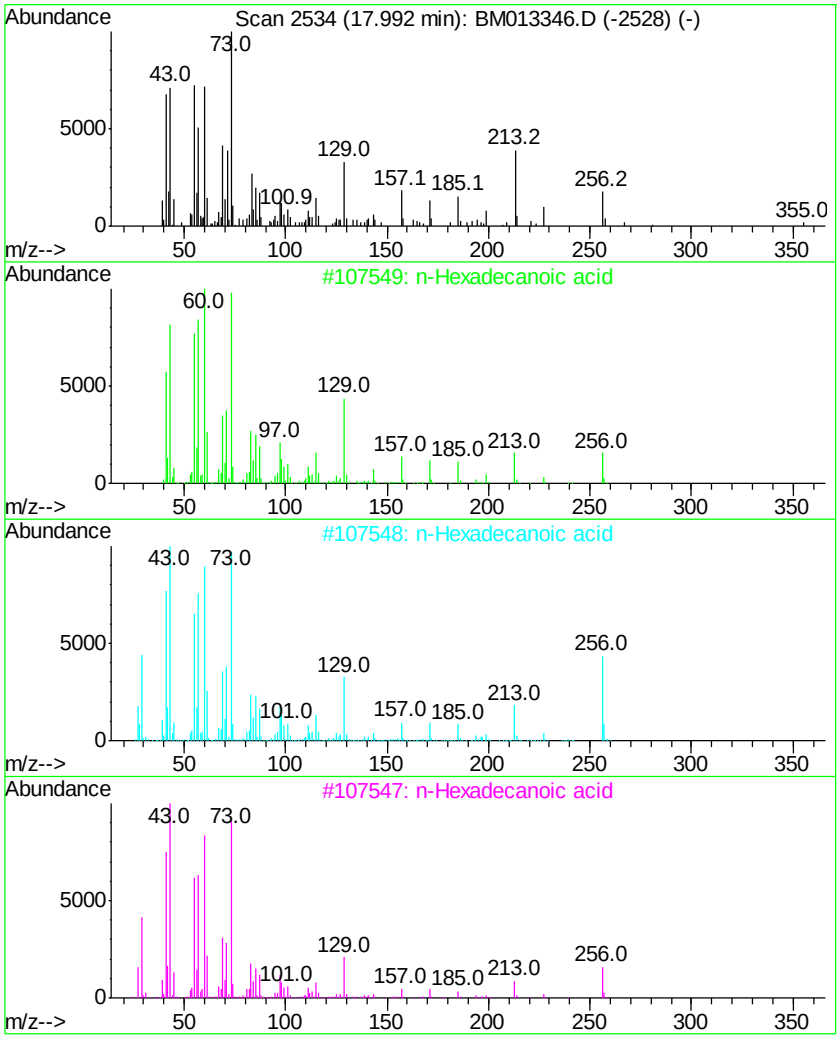
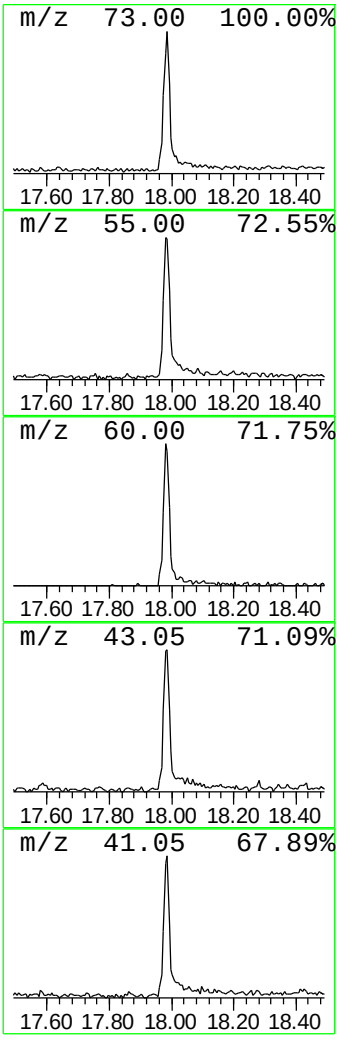
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.53 ng/ul	561719	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89





Library Search Compound Report

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Data File : BM013346.D
Acq On : 12 Dec 2017 19:25
Operator : SJ/JU
Sample : I6775-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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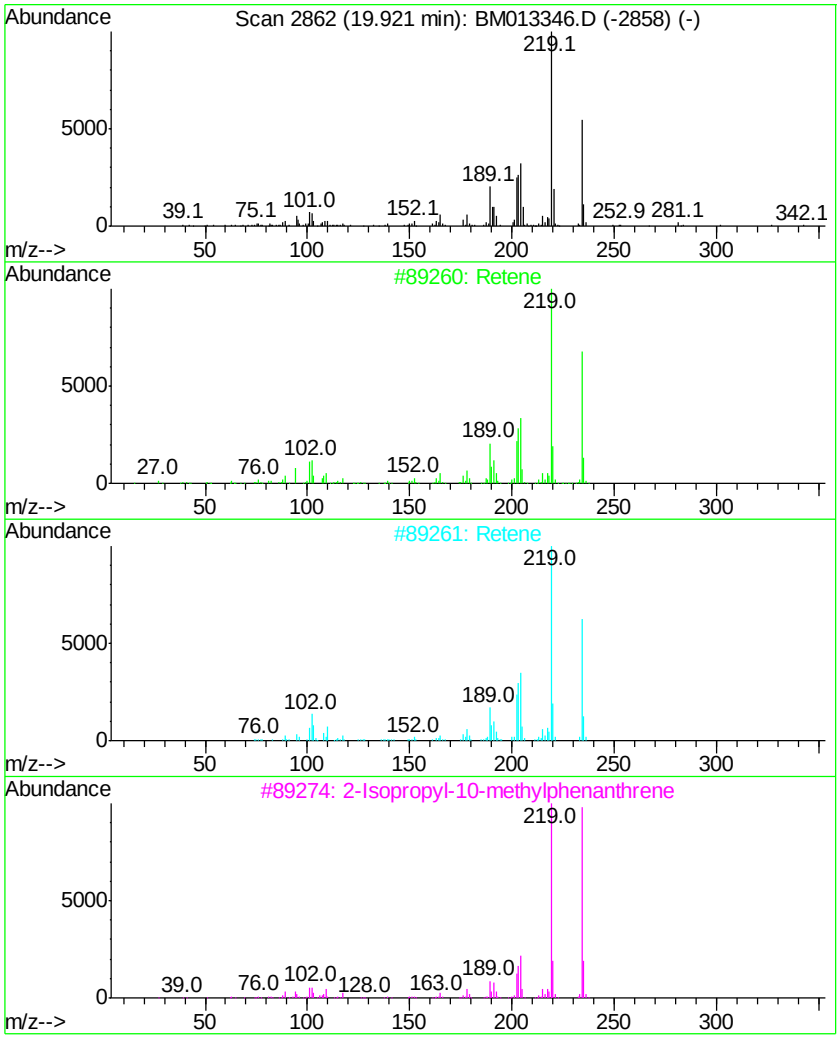
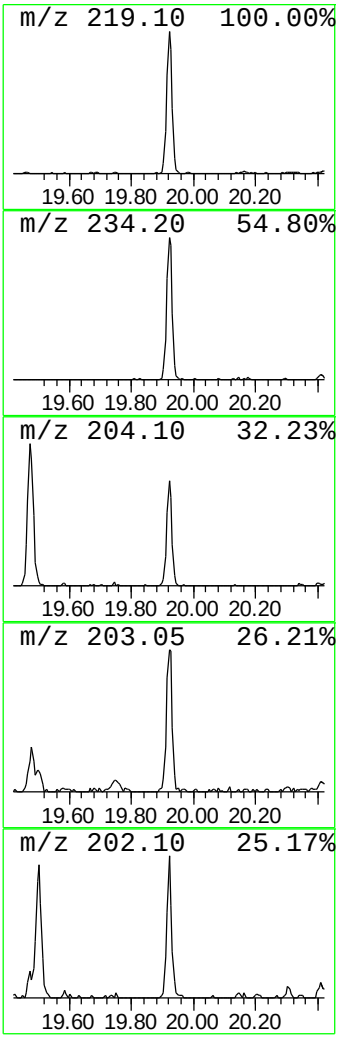
Peak Number 2 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.69 ng/ul	449082	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	95
2	Retene	234	C18H18	000483-65-8	94
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4	Retene	234	C18H18	000483-65-8	93
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89





Library Search Compound Report

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Sample : I6775-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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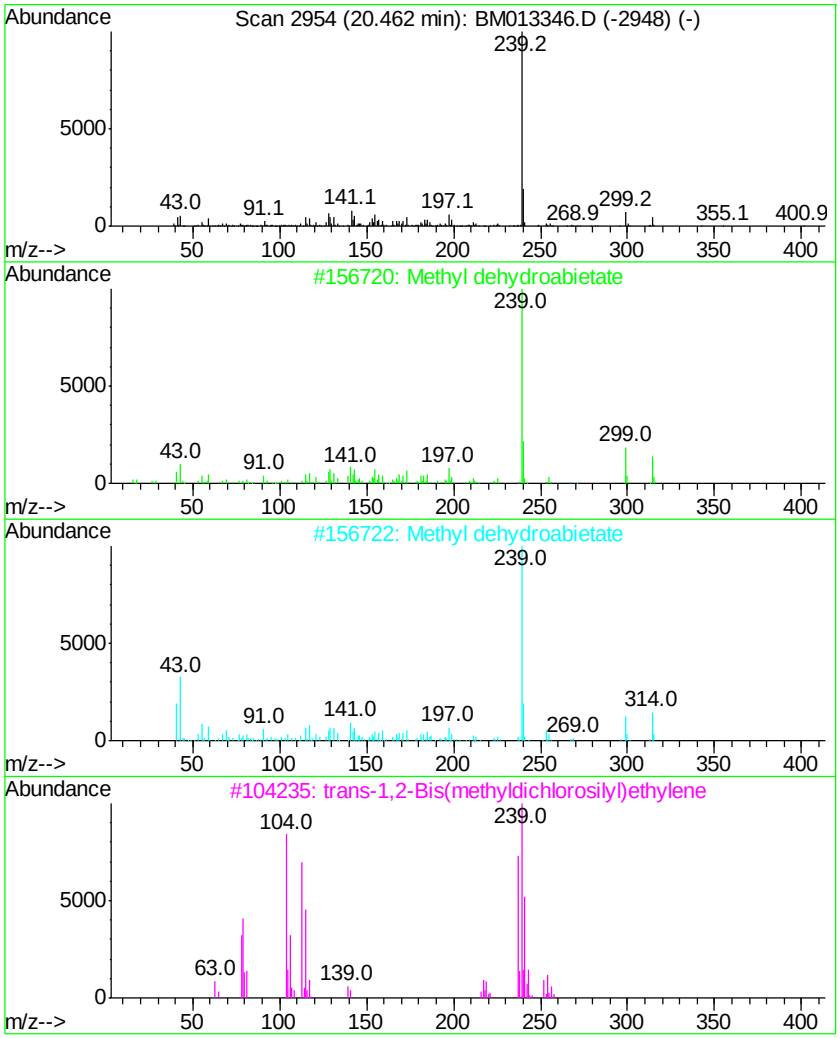
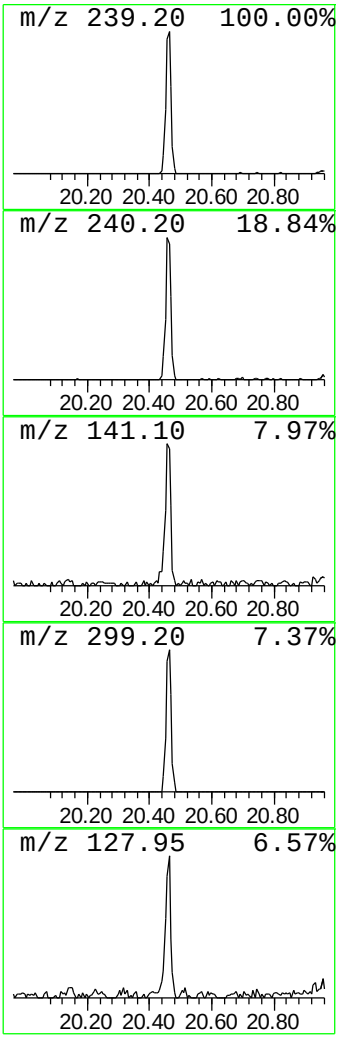
Peak Number 3 Methyl dehydroabietate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	6.43 ng/ul	1073420	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	98
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	94
3	trans-1,2-Bis(methyldichlorosilv...	252	C4H8Cl4Si2	065899-10-7	93
4	Cobalt, (.eta.5-2,4-cyclopentadi...	239	C14H12Co	088242-61-9	64
5	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	53





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Sample : I6775-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

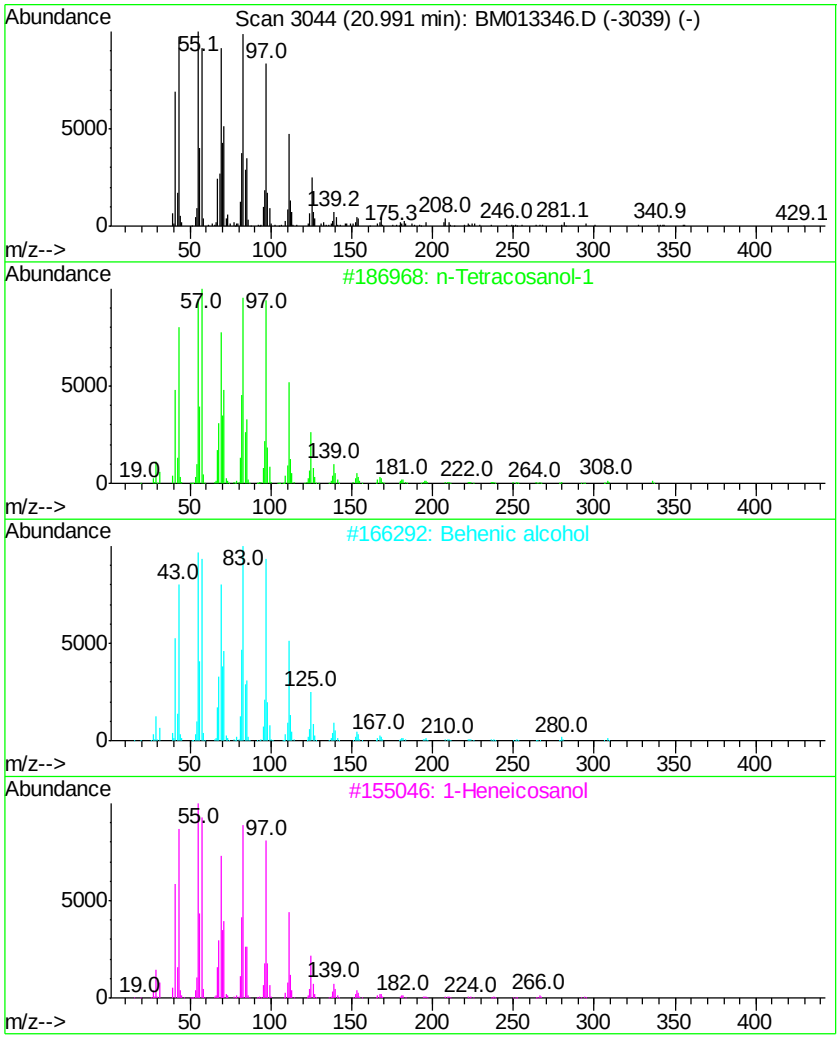
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

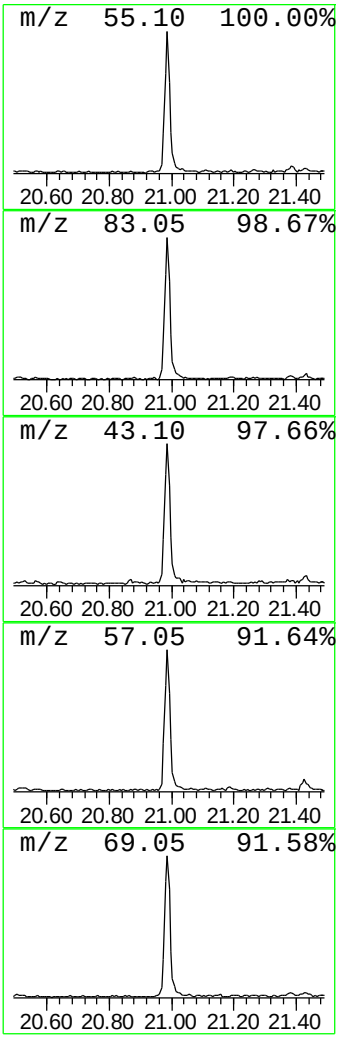
****

Peak Number 4 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	6.91 ng/ul	1152890	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Library Search Compound Report

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Sample : I6775-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A07

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

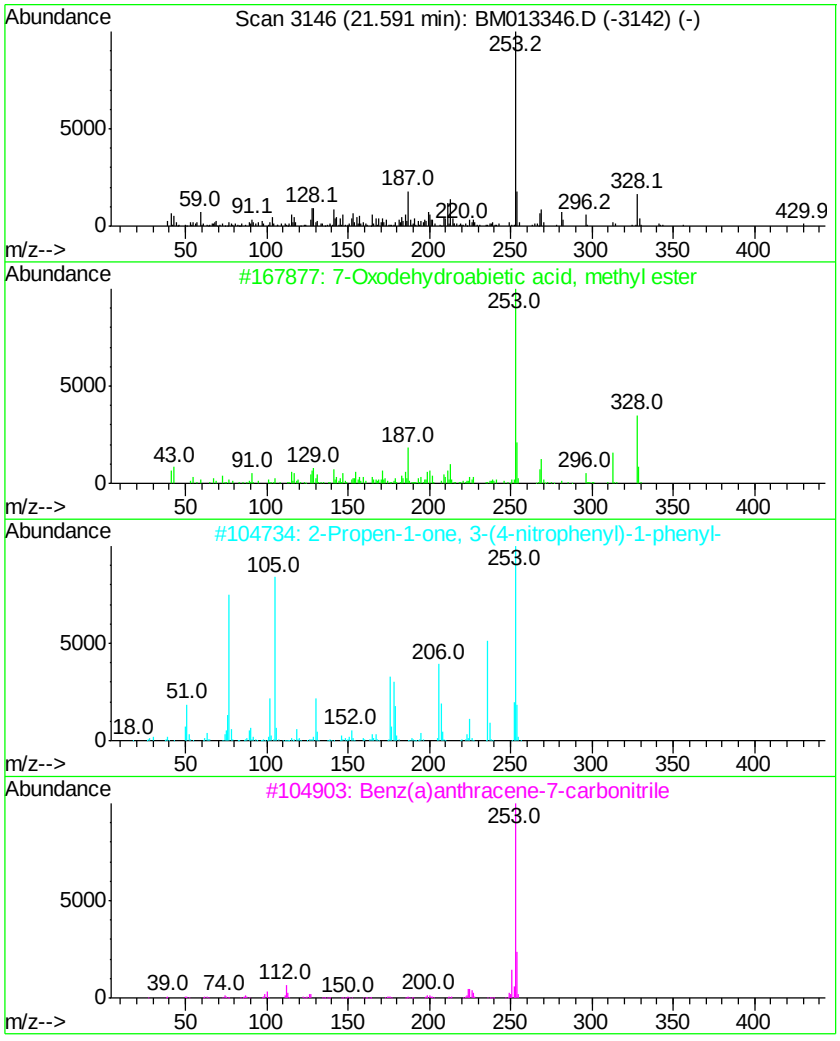
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

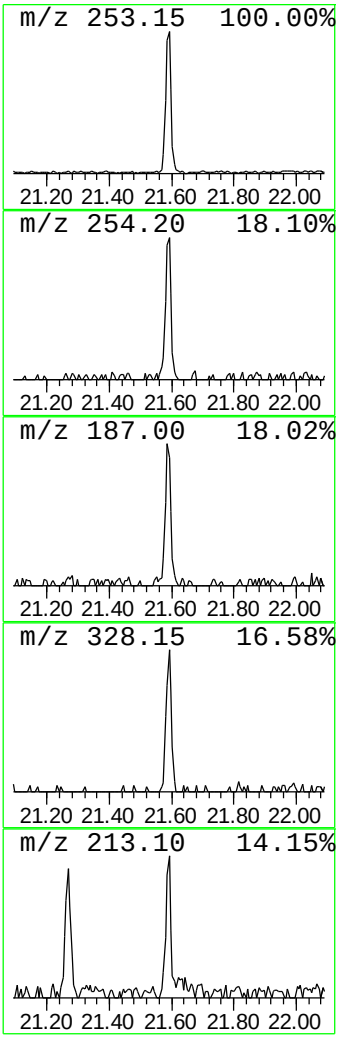
****

Peak Number 5 7-Oxodehydroabietic acid, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.05 ng/ul	341438	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxodehydroabietic acid, methyl...	328	C21H28O3	110936-78-2	72
2	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	64
3	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	52
4	4-Propyl-10H-acridine-9-thione	253	C16H15NS	1000211-07-8	50
5	Benzenesulfonamide, 3-(4,5-dihyd...	253	C10H11N3O3S	000089-29-2	50





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Quant Title : SVOA CALIBRATION

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

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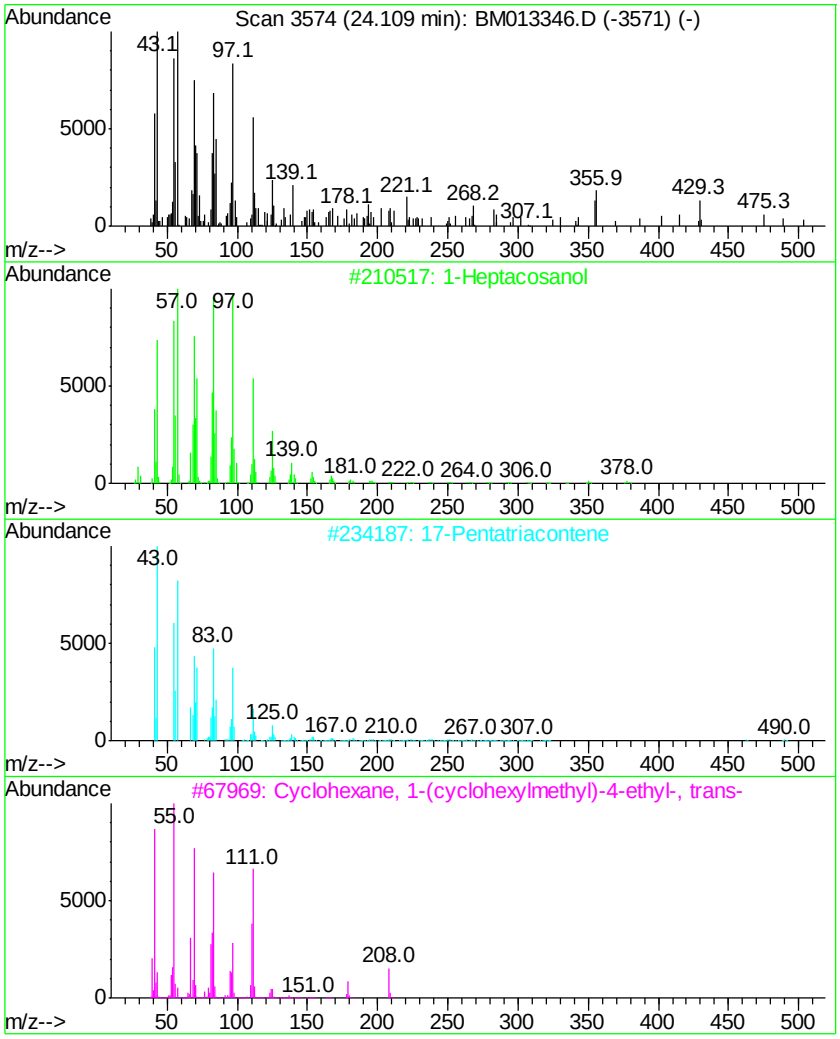
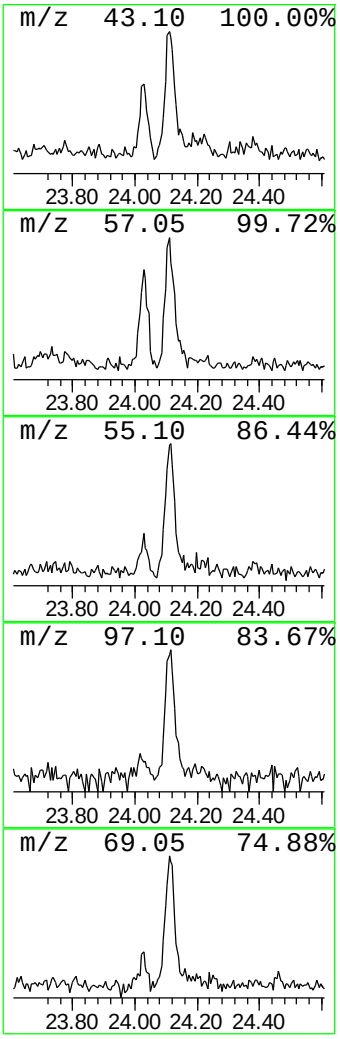
Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	2.49 ng/ul	315641	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	74
2	17-Pentatriacontene	491	C35H70	006971-40-0	72
3	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-94-0	60
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	53
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	53





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	17.99	3.5	ng/ul	561719	4	17.08	3181040	20.0
Retene	19.92	2.7	ng/ul	449082	5	21.27	3336360	20.0
Methyl dehydroabi...	20.46	6.4	ng/ul	1073420	5	21.27	3336360	20.0
n-Tetracosanol-1	20.99	6.9	ng/ul	1152890	5	21.27	3336360	20.0
7-Oxodehydroabiet...	21.59	2.0	ng/ul	341438	5	21.27	3336360	20.0
1-Heptacosanol	24.11	2.5	ng/ul	315641	6	23.49	2536850	20.0