LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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	6.875	637	644	654	rVB	954826	1641241	9.17%	1.915%
2	7.039	664	672	679	rBV	744386	1108264	6.19%	1.293%
3	7.234	698	705	714	rBV	1036757	1607648	8.99%	1.876%
4	7.698	777	784	792	rBV	758223	1164477	6.51%	1.359%
5	8.404	898	904	911	rBV	1214583	1937470	10.83%	2.261%
6	8.851	972	980	987	rBV	959279	1549057	8.66%	1.808%
7	9.569	1095	1102	1111	rBV	829773	1371417	7.67%	1.600%
8	10.104	1186	1193	1201	rBV	1255728	2055591	11.49%	2.399%
9	10.480	1250	1257	1265	rVB	900727	1561081	8.73%	1.822%
10	10.616	1273	1280	1289	rBV	1101739	1883969	10.53%	2.199%
11	13.751	1807	1813	1818	rBV	1981060	2892498	16.17%	3.375%
12	13.798	1818	1821	1828	rVB	649140	849563	4.75%	0.991%
13	14.033	1851	1861	1867	rBV	2327031	3548754	19.84%	4.141%
14	14.339	1906	1913	1927	rVB2	1317538	2007293	11.22%	2.342%
15	14.551	1943	1949	1957	rBV	895227	1355262	7.57%	1.582%
16	15.333	2074	2082	2090	rBV	2757649	4106599	22.95%	4.792%
17	15.462	2098	2104	2111	rBV	773827	1098844	6.14%	1.282%
18	17.086	2374	2380	2386	rBV2	1661500	2318911	12.96%	2.706%
19	17.186	2391	2397	2404	rVB	3078194	4356943	24.35%	5.084%
20	17.992	2529	2534	2543	rBV2	482117	668360	3.74%	0.780%
21	19.274	2748	2752	2759	rBV	360092	486304	2.72%	0.567%
22	19.486	2781	2788	2793	rBV	3471661	4873612	27.24%	5.687%
23	20.991	3040	3044	3051	rBV	257264	371053	2.07%	0.433%
24	21.274	3087	3092	3098	rBV	1995337	2511313	14.04%	2.931%
25	21.868	3190	3193	3200	rVB6	137050	226284	1.26%	0.264%
26	22.833	3354	3357	3362	rVB	250772	342559	1.91%	0.400%
27	23.368	3441	3448	3460	rVB	2537194	4858648	27.16%	5.670%
28	23.503	3465	3471	3479	rVB	1203787	2382329	13.32%	2.780%
29	24.044	3559	3563	3572	rVB2	393756	724869	4.05%	0.846%
30	26.732	4010	4020	4037	rVB7	1138569	3908965	21.85%	4.562%
31	27.468	4132	4145	4163	rVB2	5306316	17891307	100.00%	20.878%
32	27.820	4195	4205	4218	rBV5	1213766	4264049	23.83%	4.976%
33	27.956	4221	4228	4237	rVB6	753902	2367121	13.23%	2.762%
34	28.062	4242	4246	4260	rVB8	466232	1401078	7.83%	1.635%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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

Sum of corrected areas: 85692733

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
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Misc :
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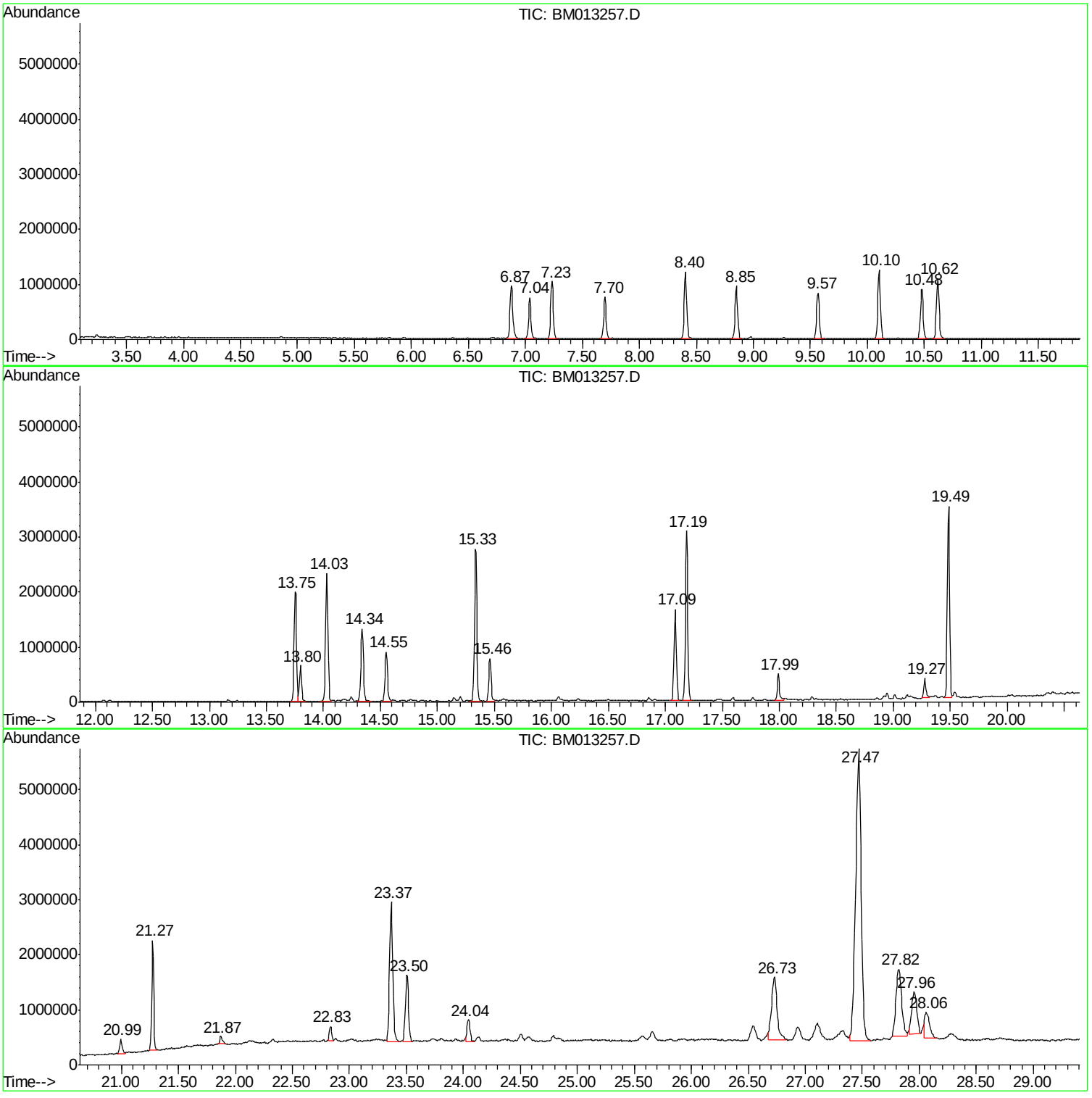
Instrument : BNA_M
ClientSampleId : JHPJ2

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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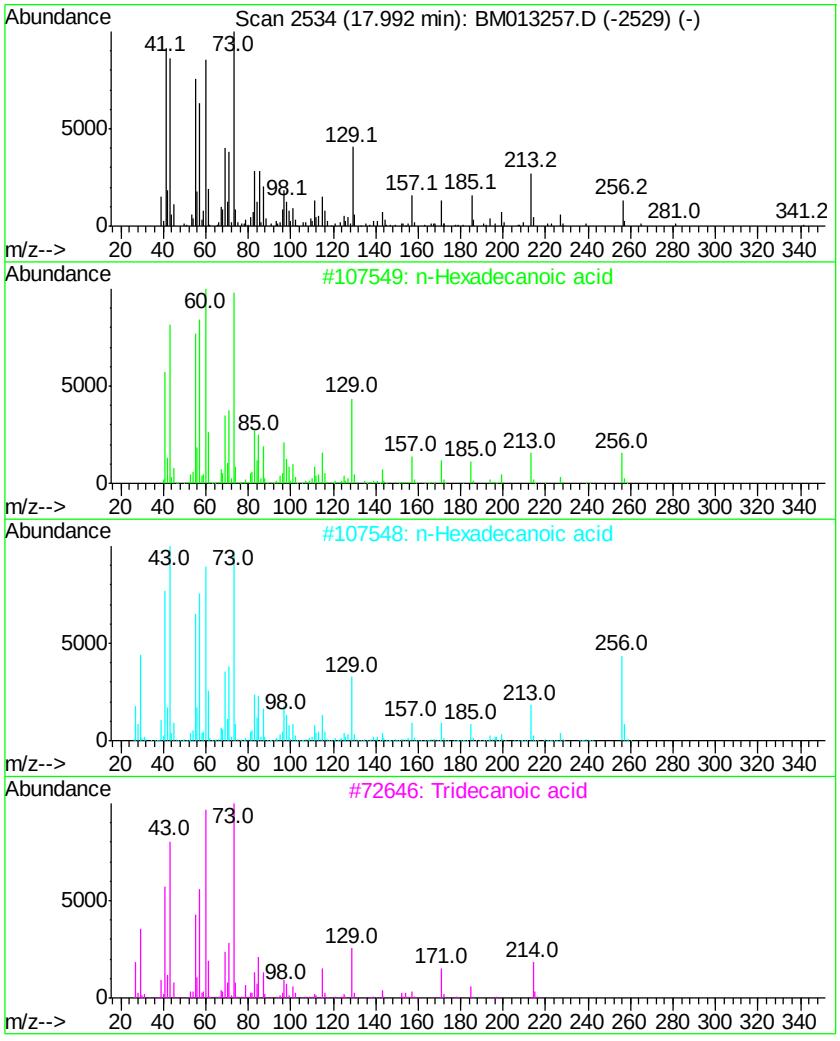
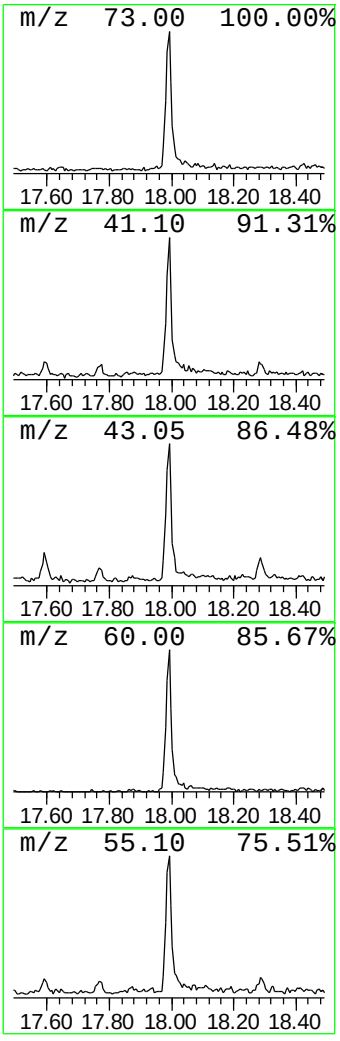
Peak Number 1 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	5.76 ng/ul	668360	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

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Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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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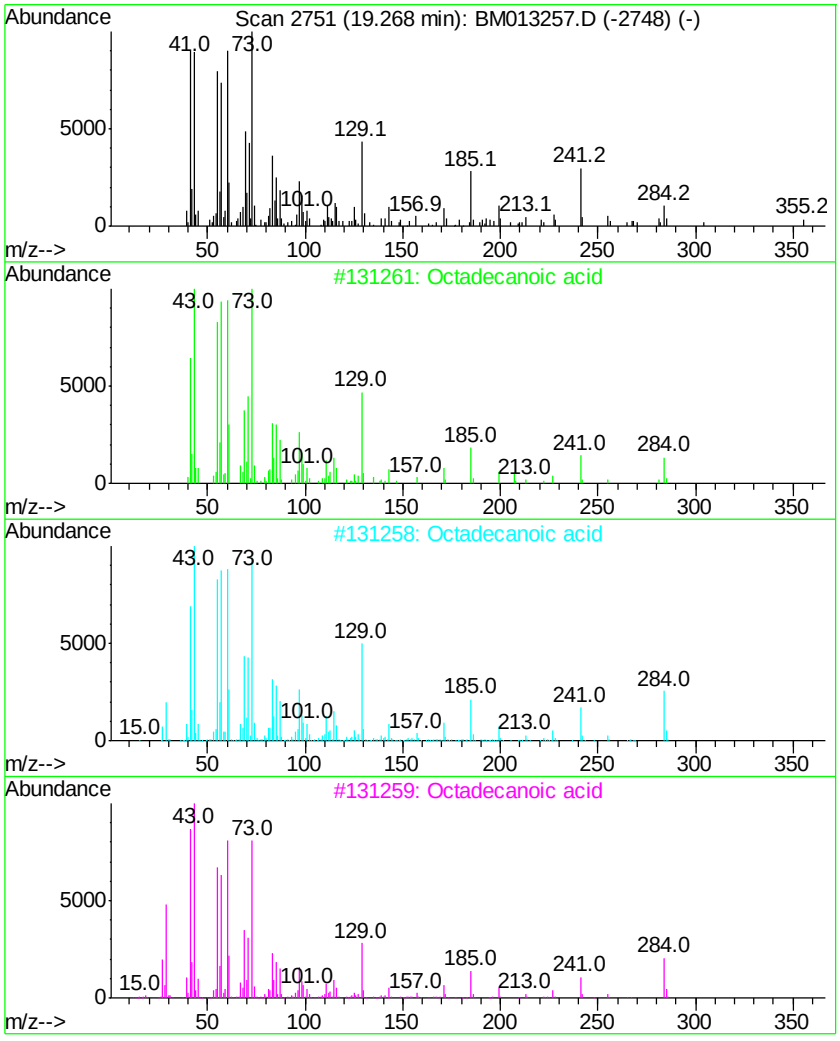
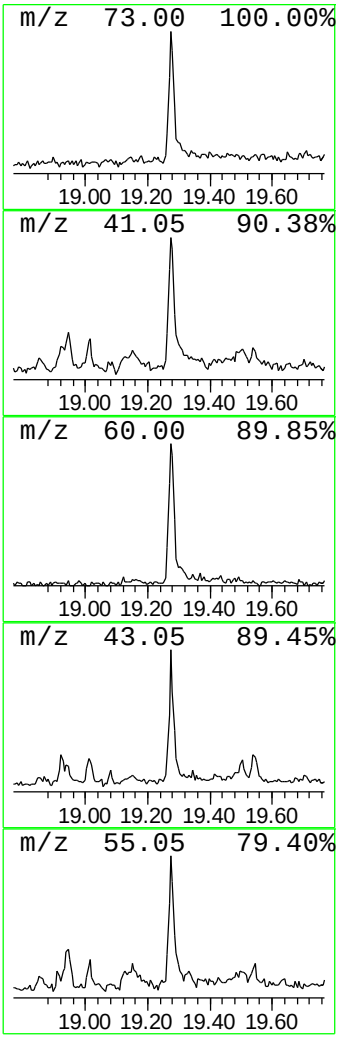
Peak Number 2 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.87 ng/ul	486304	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Data File : BM013257.D
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Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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

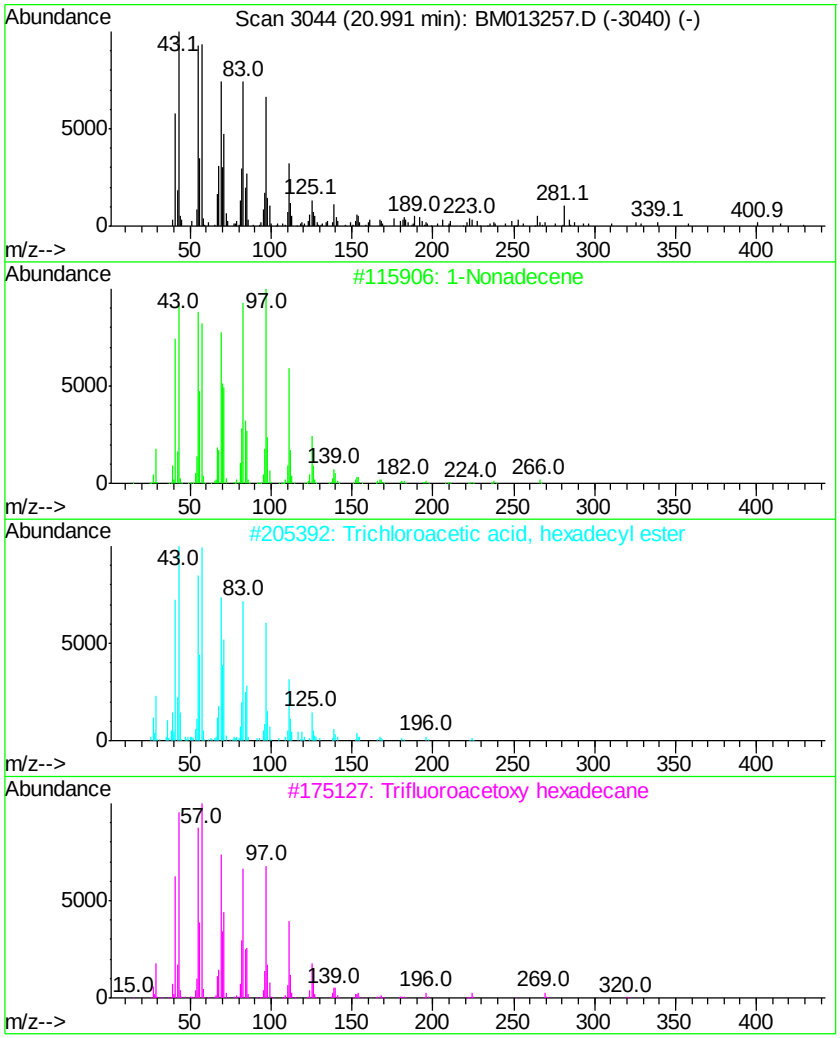
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

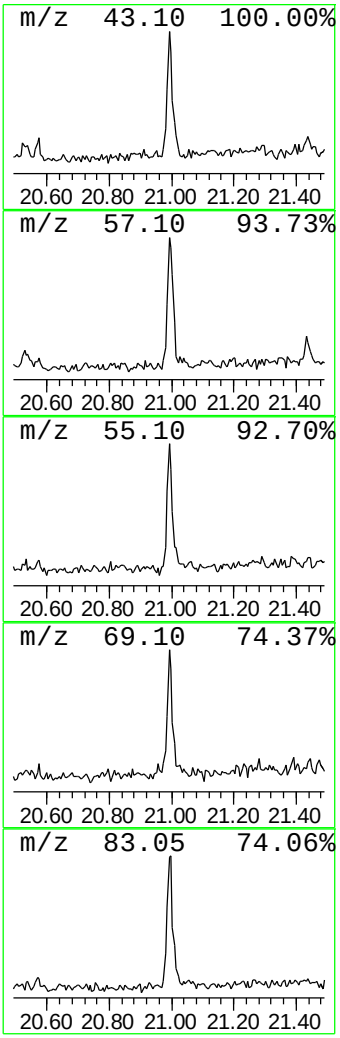
****

Peak Number 3 (DEL) Alkane: Cyclic20.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.96 ng/ul	371053	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93





Library Search Compound Report

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Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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

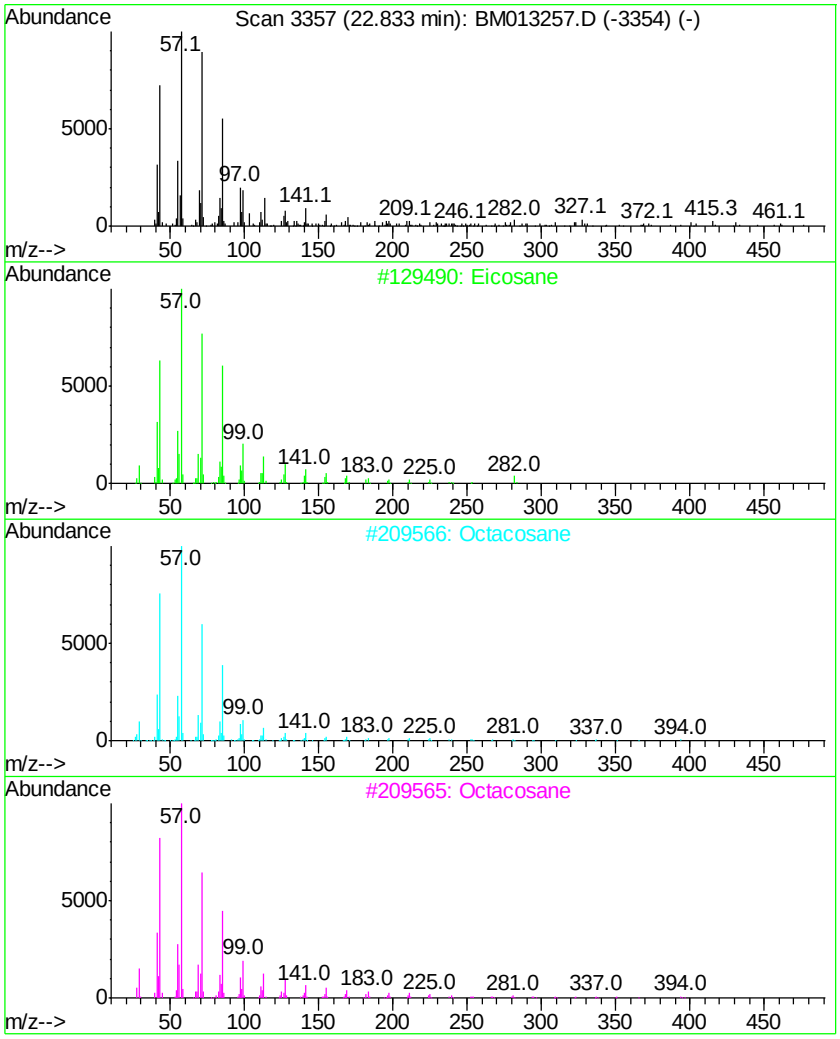
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

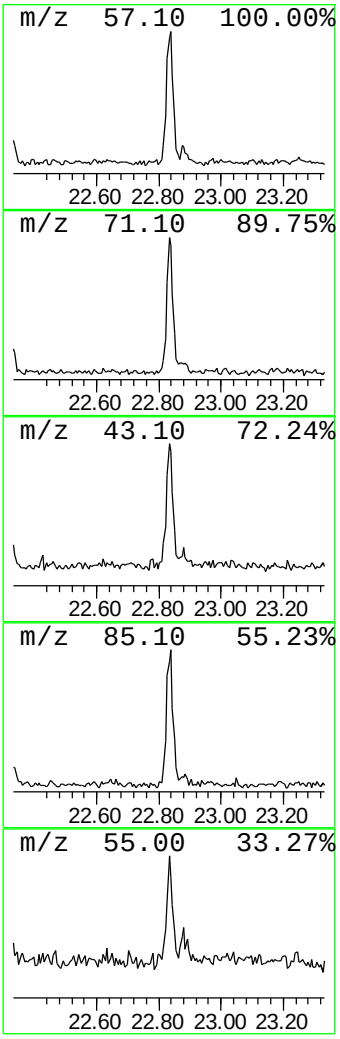
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.88 ng/ul	342559	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	94
3	Octacosane	394	C28H58	000630-02-4	94
4	Eicosane	282	C20H42	000112-95-8	93
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

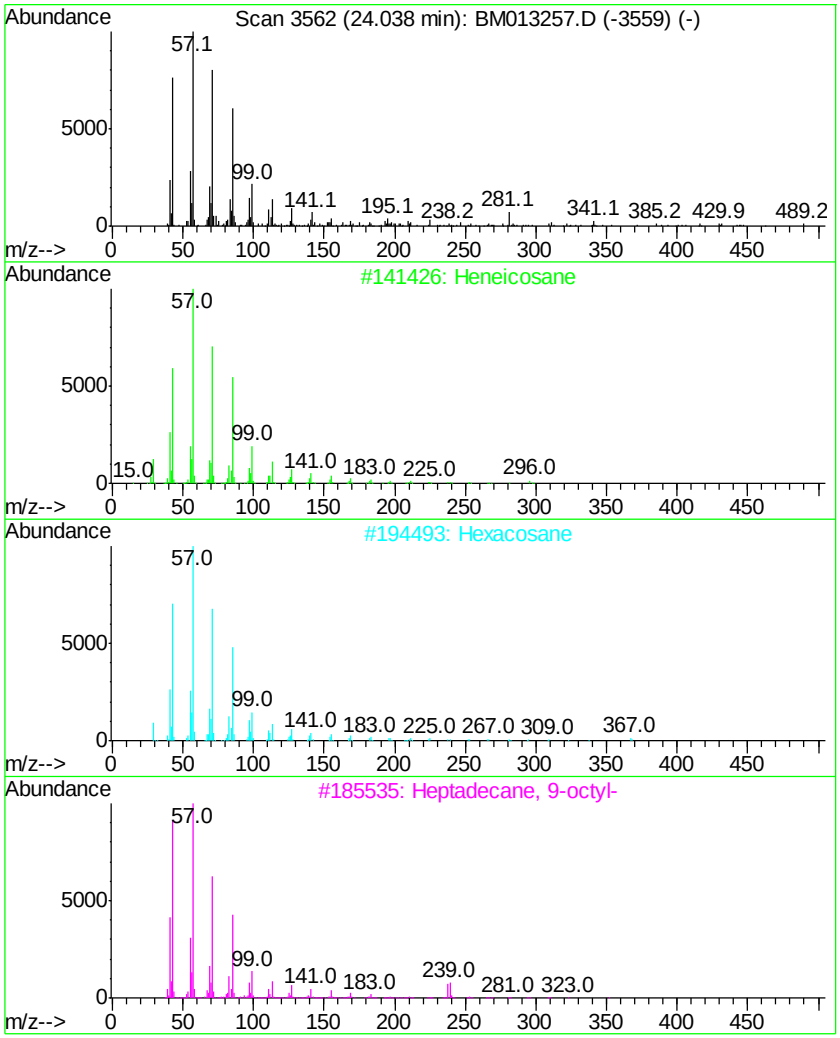
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

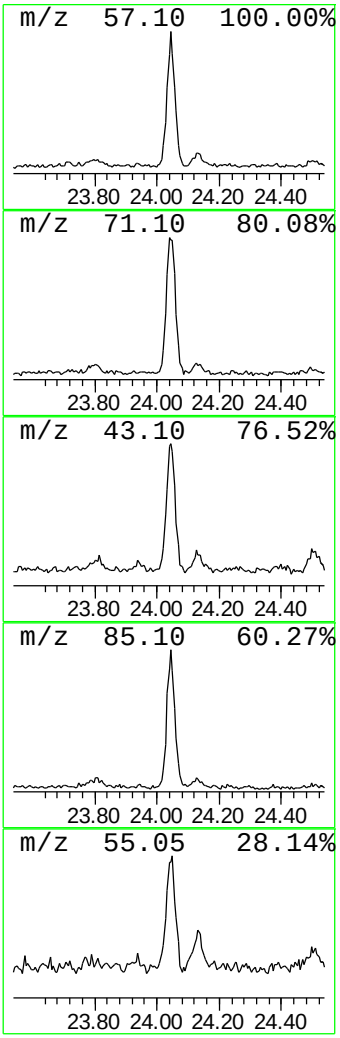
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	6.09 ng/ul	724869	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





Library Search Compound Report

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Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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

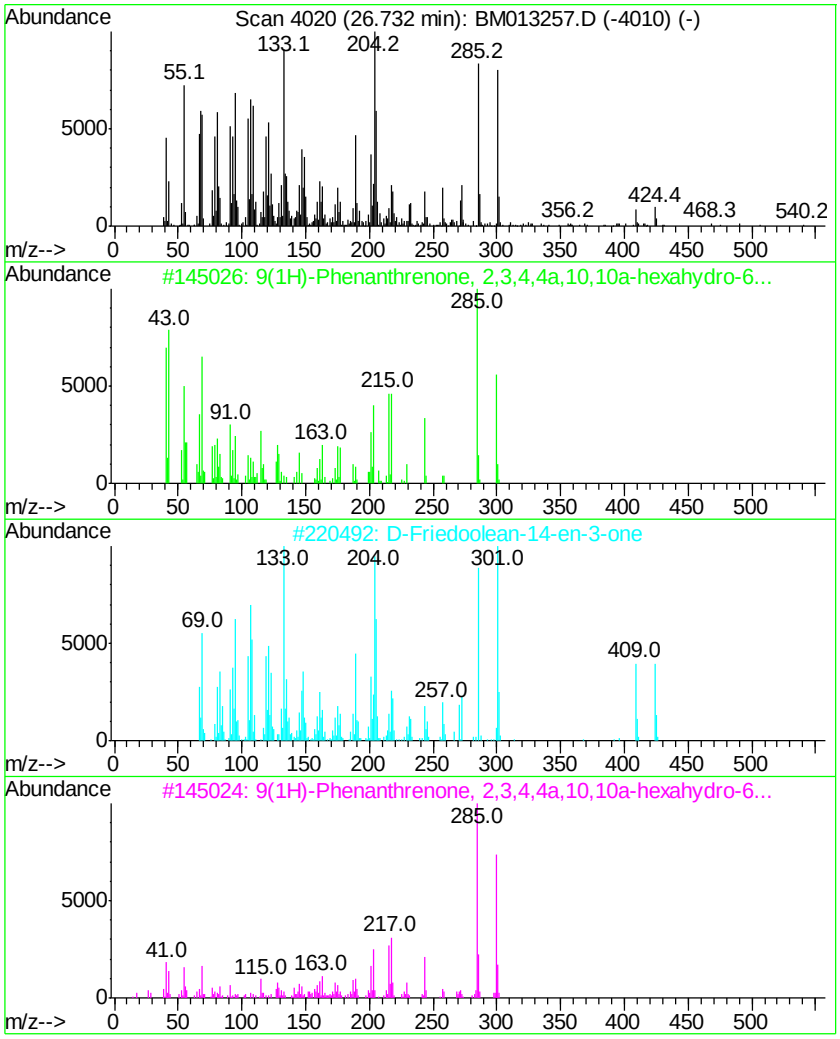
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

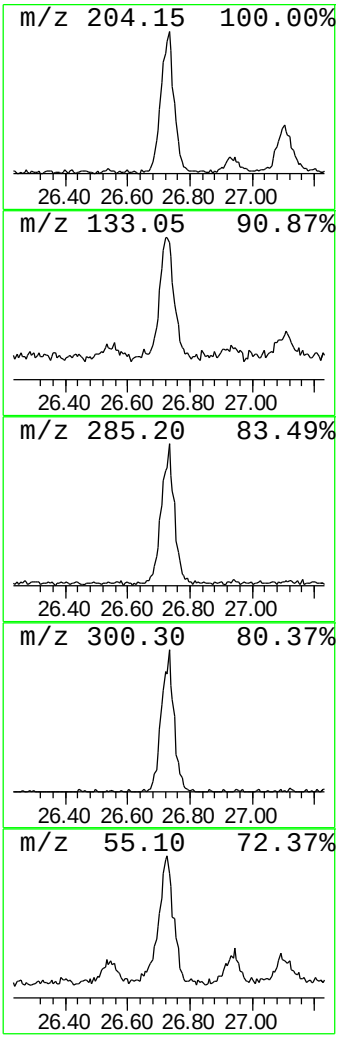
****

Peak Number 6 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	32.82 ng/ul	3908970	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	60
2	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	55
3	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	45
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38





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Misc :
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Instrument : BNA_M
ClientSampleId : JHPJ2

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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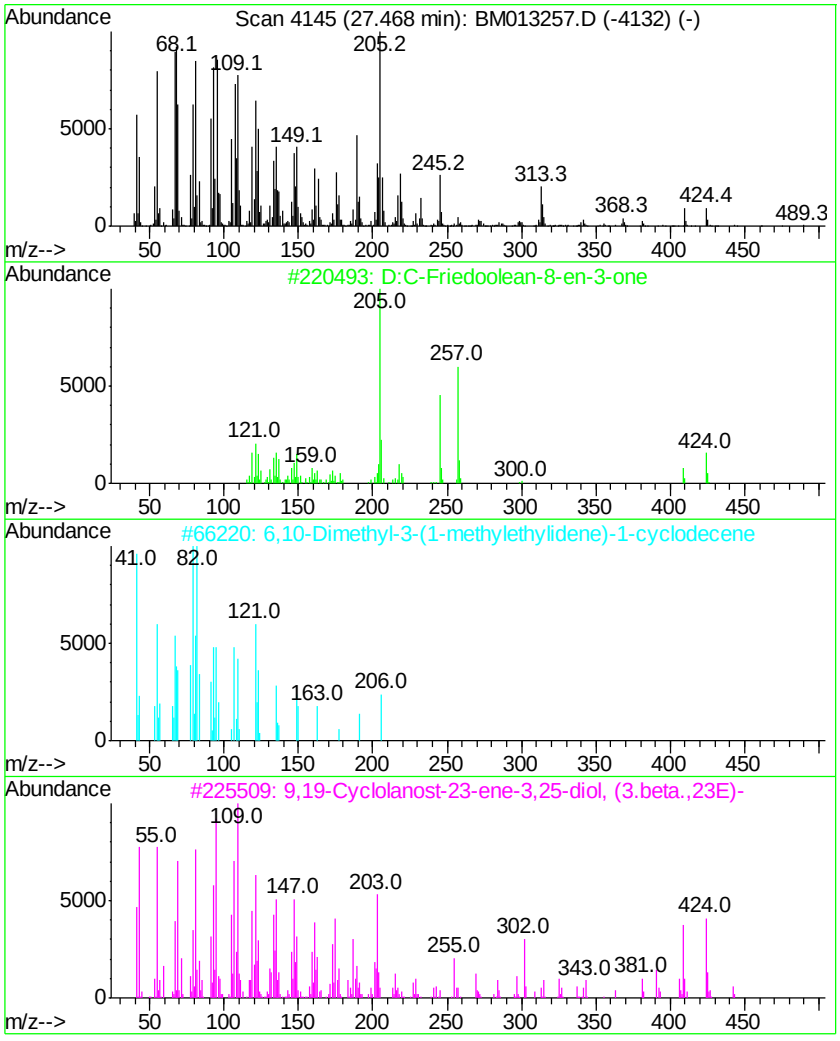
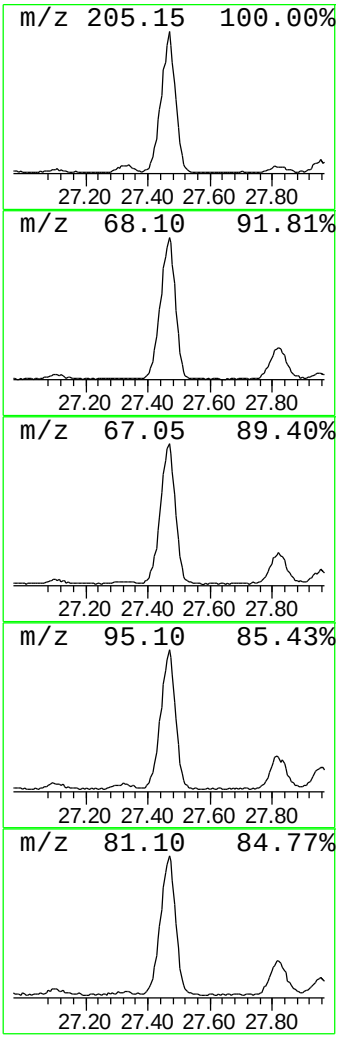
Peak Number 7 D:C-Friedoolean-8-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	150.20 ng/ul	17891300	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	76
2	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	55
3	9,19-Cyclolanost-23-ene-3,25-dio...	442	C30H50O2	054482-57-4	50
4	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	49
5	Guaia-9,11-diene	204	C15H24	1000374-19-8	45





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Quant Title : SVOA CALIBRATION

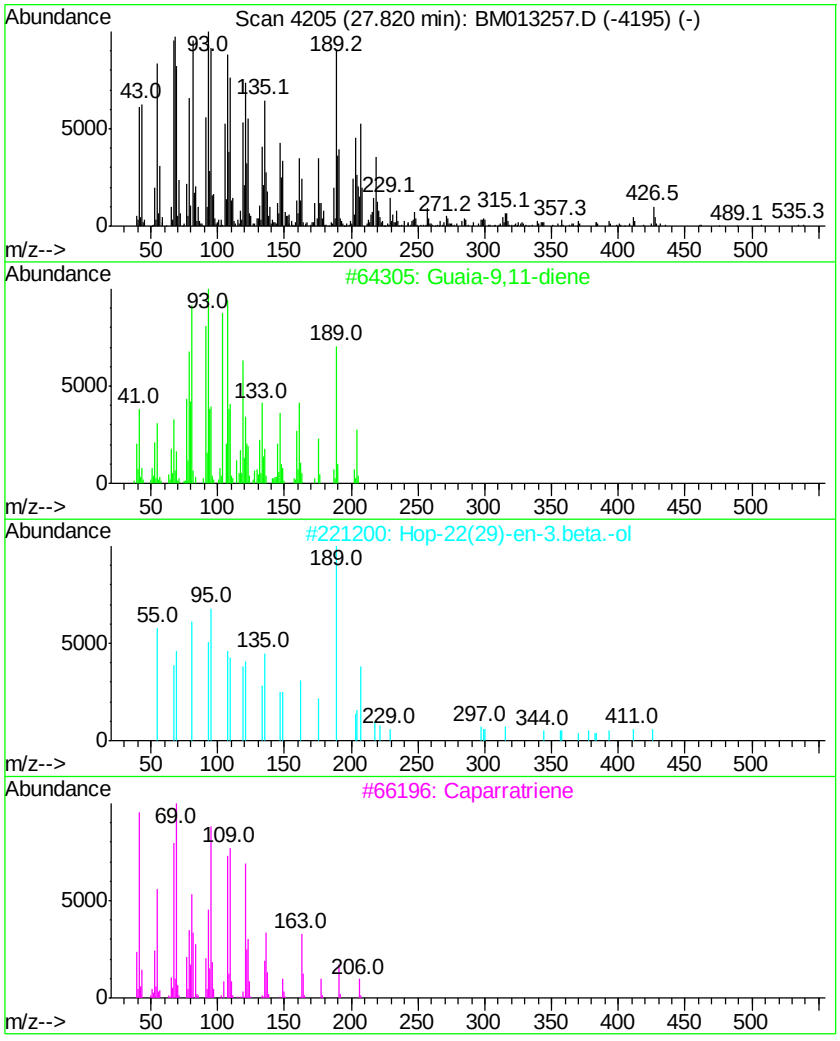
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

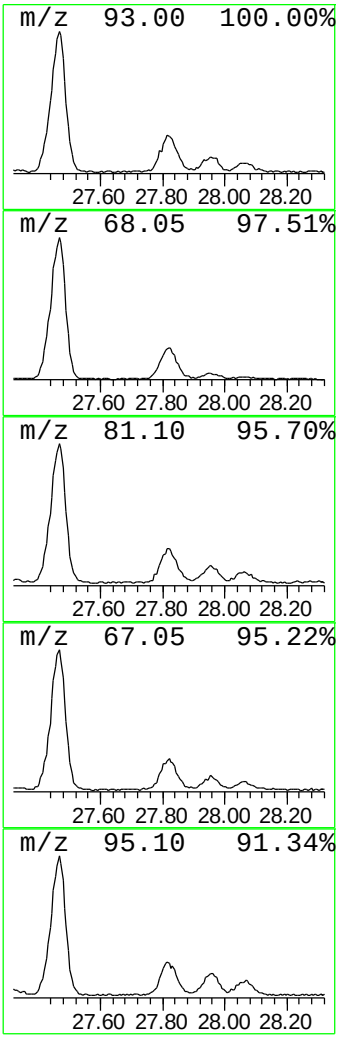
****

Peak Number 8 Guaia-9,11-diene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.82	35.80 ng/ul	4264050	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-9,11-diene	204	C15H24	1000374-19-8	60
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	50
3	Caparratriene	206	C15H26	1000374-08-7	50
4	Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	49
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	46





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
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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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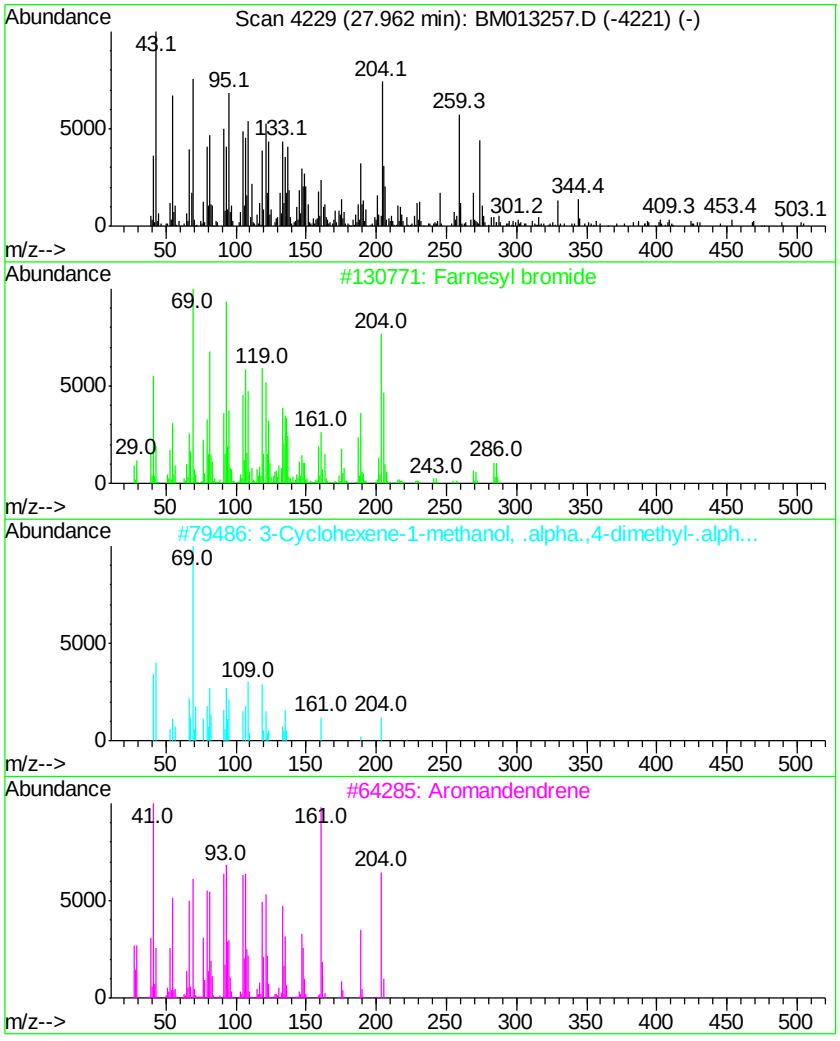
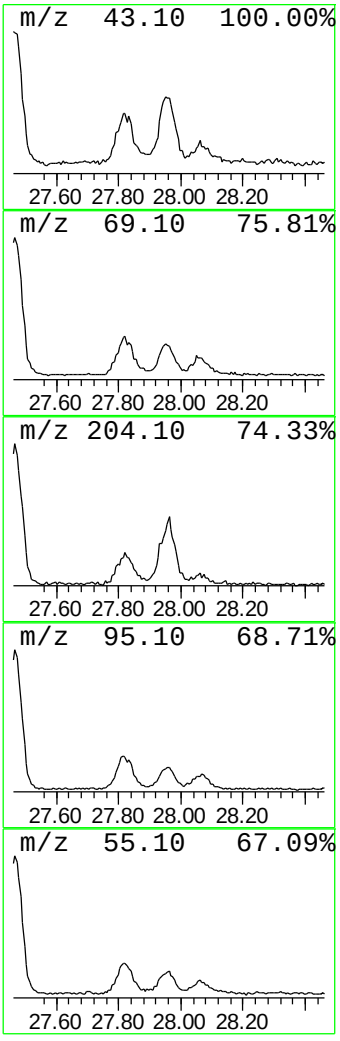
Peak Number 9 Farnesyl bromide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.96	19.87 ng/ul	2367120	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Farnesyl bromide	284	C15H25Br	006874-67-5	58
2	3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	45
3	Aromandendrene	204	C15H24	000489-39-4	42
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	35
5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	30





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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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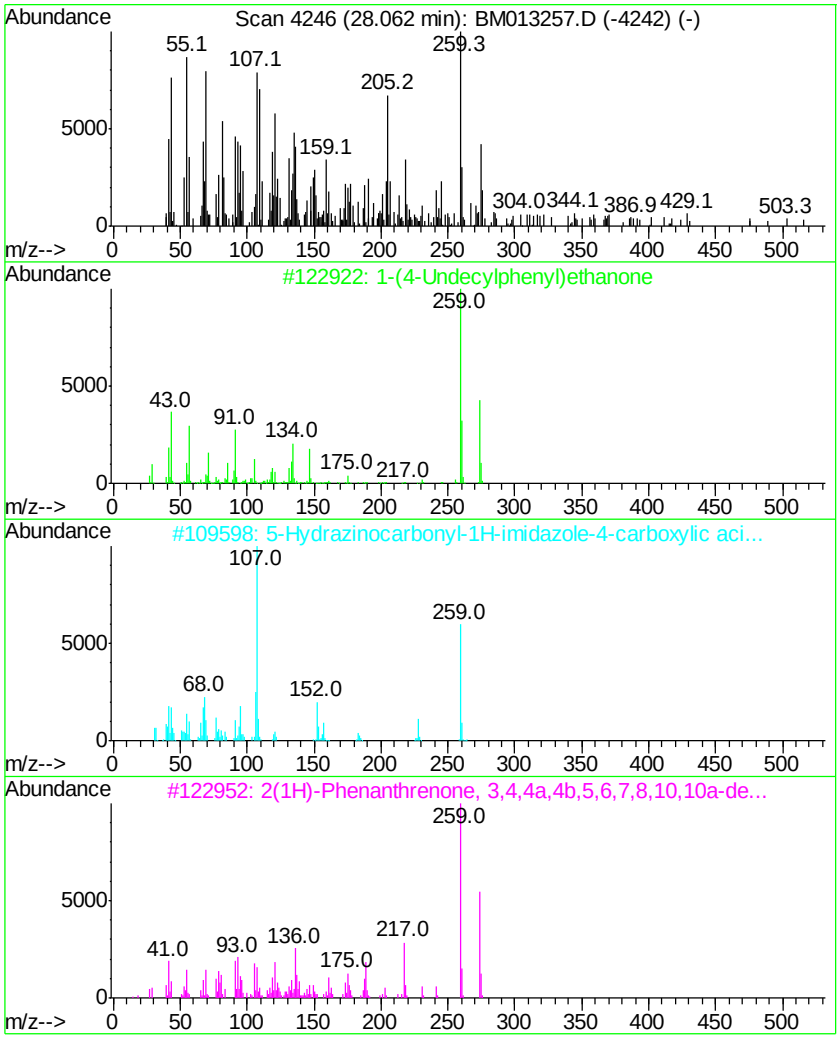
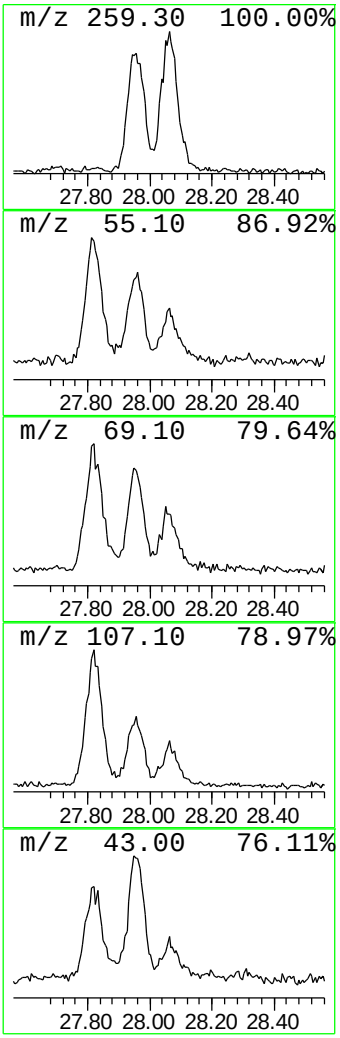
Peak Number 10 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.06	11.76 ng/ul	1401080	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Undecylphenyl)ethanone	274	C19H30O	1000185-92-4	38
2	5-Hydrazinocarbonyl-1H-imidazole...	259	C12H13N5O2	1000318-00-0	35
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	35
4	Naphthalene, 2-methyl-1-(3,4-dim...	274	C20H18O	1000269-03-0	30
5	Bi-1-cyclohexen-1-yl, 3,3,3',3',...	274	C20H34	076993-52-7	27





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM120717\
Data File : BM013257.D
Acq On : 07 Dec 2017 23:26
Operator : SJ/JU
Sample : I6719-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPJ2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	5.8	ng/ul	668360	4	17.09	2318910	20.0
Octadecanoic acid	19.27	3.9	ng/ul	486304	5	21.27	2511310	20.0
(DEL) Alkane: Cyc...	20.99	3.0	ng/ul	371053	5	21.27	2511310	20.0
(DEL) Alkane: Str...	22.83	2.9	ng/ul	342559	6	23.51	2382330	20.0
(DEL) Alkane: Str...	24.04	6.1	ng/ul	724869	6	23.51	2382330	20.0
9(1H)-Phenanthren...	26.73	32.8	ng/ul	3908970	6	23.51	2382330	20.0
D:C-Friedoolean-8...	27.47	150.2	ng/ul	17891300	6	23.51	2382330	20.0
Guaia-9,11-diene	27.82	35.8	ng/ul	4264050	6	23.51	2382330	20.0
Farnesyl bromide	27.96	19.9	ng/ul	2367120	6	23.51	2382330	20.0
unknown-01	28.06	11.8	ng/ul	1401080	6	23.51	2382330	20.0