LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

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-BM060818MA.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	6.975	619	627	633	rBV	152610	248583	1.46%	0.307%
2	7.487	707	714	731	rBV	675898	1250959	7.36%	1.545%
3	7.657	737	743	751	rBV	502086	795257	4.68%	0.982%
4	7.863	772	778	792	rBV	661252	1114716	6.55%	1.377%
5	8.345	852	860	873	rVB	425613	745305	4.38%	0.921%
6	9.051	973	980	991	rBV	919856	1493267	8.78%	1.844%
7	9.528	1054	1061	1070	rBV	693863	1175132	6.91%	1.451%
8	10.251	1178	1184	1197	rBV	628307	1047525	6.16%	1.294%
9	10.792	1269	1276	1289	rBV	954545	1629567	9.58%	2.013%
10	11.175	1334	1341	1349	rBV	711426	1210055	7.12%	1.495%
11	11.310	1357	1364	1382	rBV	949083	1650190	9.70%	2.038%
12	14.274	1861	1868	1874	rBV	4034399	5810867	34.17%	7.177%
13	14.357	1876	1882	1886	rVV	2066274	2842124	16.71%	3.510%
14	14.404	1886	1890	1905	rVB	799348	1071468	6.30%	1.323%
15	14.657	1927	1933	1945	rBV	2214443	3252473	19.12%	4.017%
16	14.957	1978	1984	1990	rBV2	1128809	1795476	10.56%	2.218%
17	15.151	2011	2017	2029	rBV	955415	1714153	10.08%	2.117%
18	15.939	2144	2151	2161	rBV	2800378	4117289	24.21%	5.085%
19	16.063	2167	2172	2181	rBV	888724	1267757	7.45%	1.566%
20	16.398	2220	2229	2235	rBV2	102950	170260	1.00%	0.210%
21	17.680	2441	2447	2458	rBV2	1581719	2286719	13.45%	2.824%
22	17.780	2458	2464	2474	rBV	3225379	4527393	26.62%	5.592%
23	18.521	2584	2590	2602	rBV	718797	981744	5.77%	1.213%
24	19.762	2797	2801	2811	rBV	300844	443844	2.61%	0.548%
25	20.033	2841	2847	2856	rBV	4177381	5465236	32.14%	6.750%
26	20.809	2975	2979	2983	rBV	221852	266417	1.57%	0.329%
27	21.156	3034	3038	3042	rBV	438727	500400	2.94%	0.618%
28	21.321	3060	3066	3070	rBV	14984501	17006493	100.00%	21.005%
29	21.445	3083	3087	3096	rBV	1007149	1159600	6.82%	1.432%
30	21.786	3140	3145	3152	rVB	2336495	3029276	17.81%	3.742%
31	23.933	3502	3510	3517	rBV8	332358	1227021	7.22%	1.516%
32	24.050	3523	3530	3539	rVB	3315322	6424799	37.78%	7.935%
33	24.197	3548	3555	3565	rVB	1602532	3242059	19.06%	4.004%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

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-BM060818MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 80963424

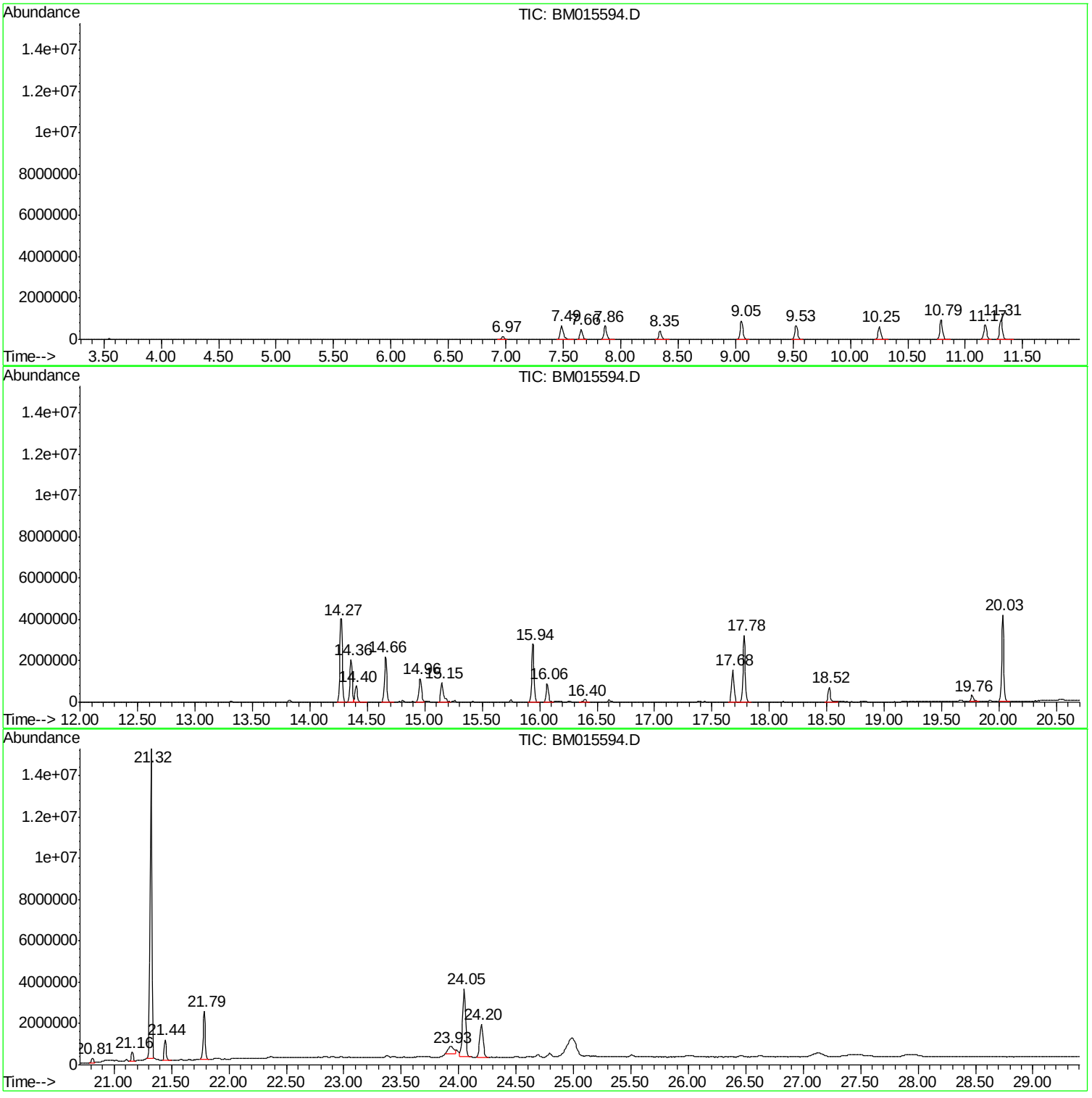
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

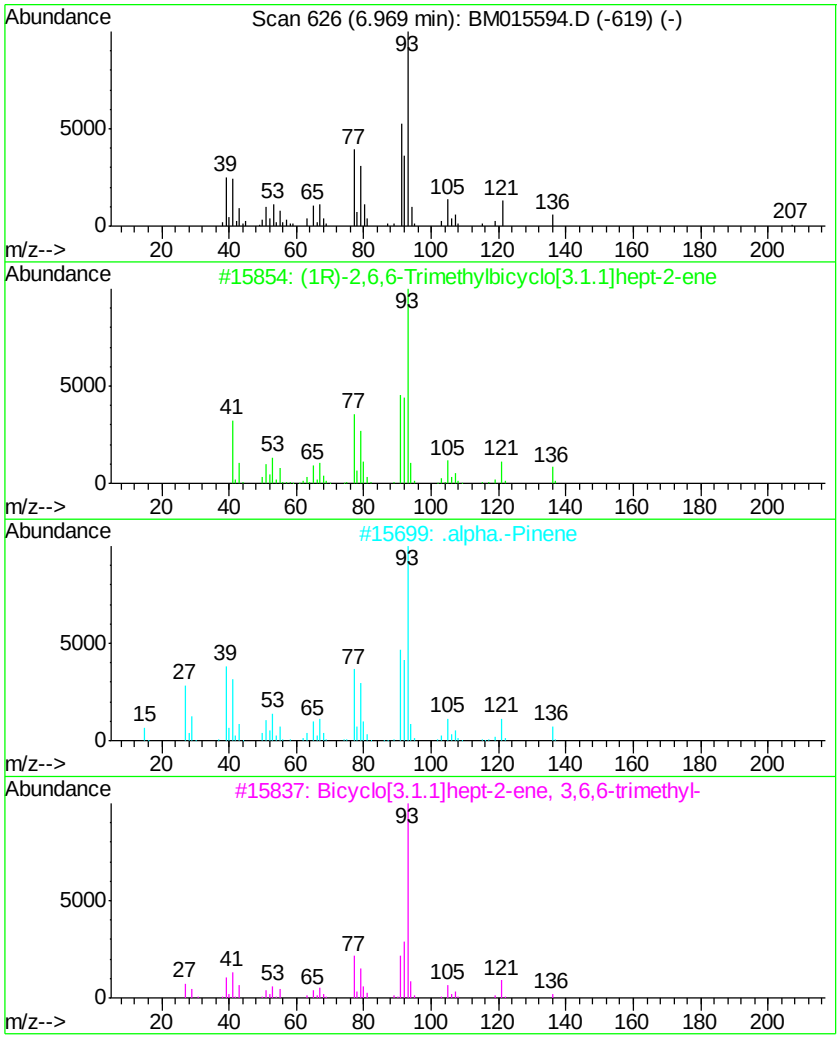
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

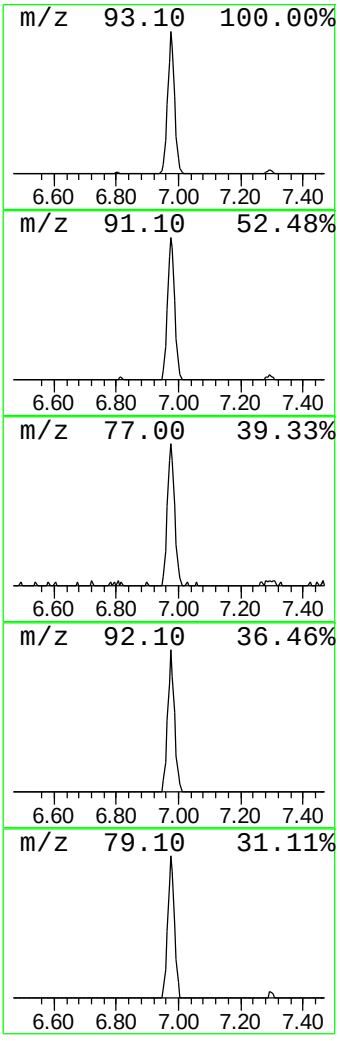
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	6.67 ng/ul	248583	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(+)-3-Carene	136	C10H16	000498-15-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

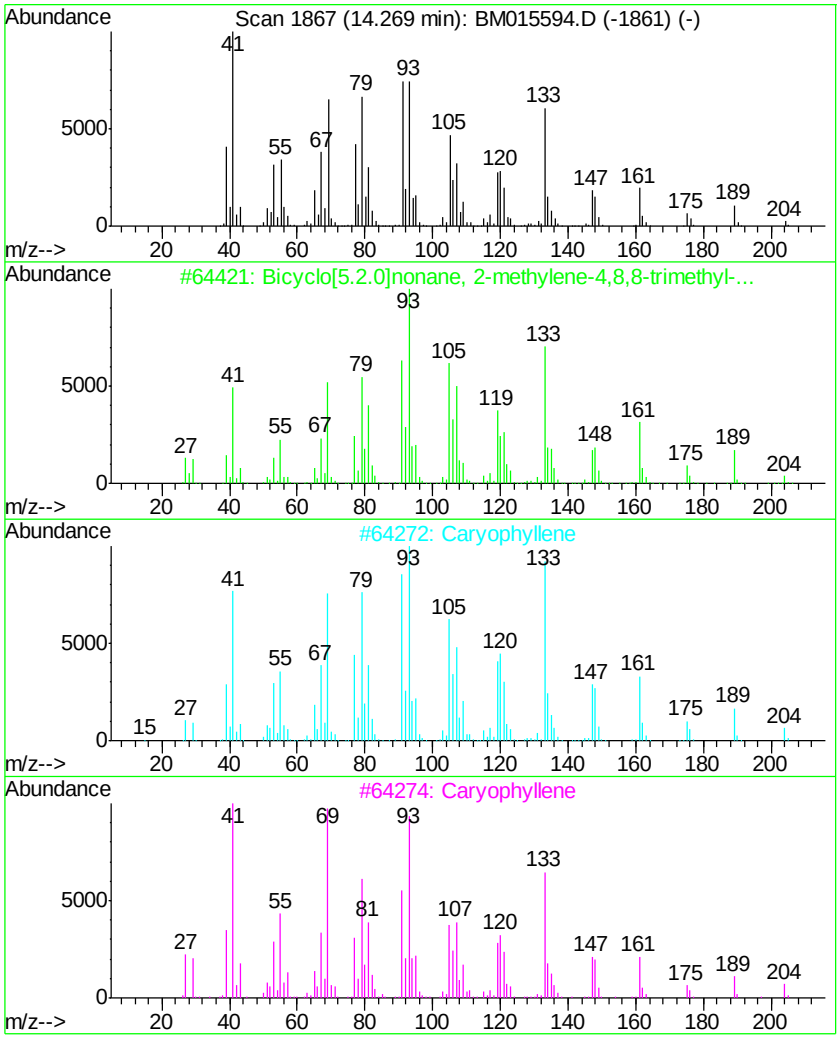
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

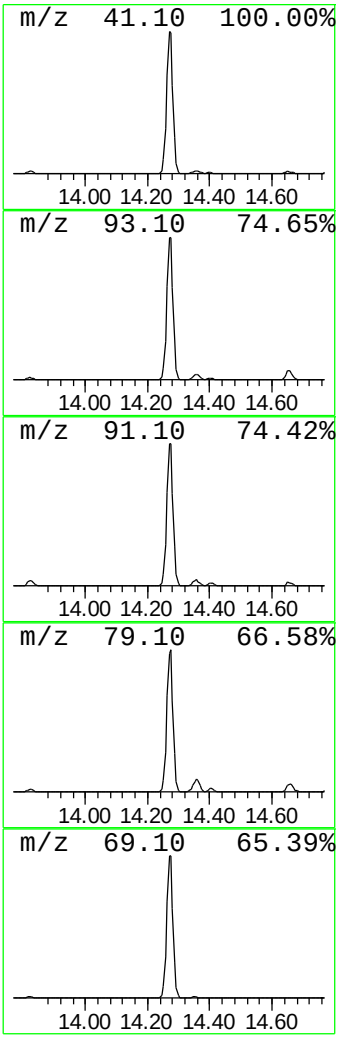
****

Peak Number 2 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	64.73 ng/ul	5810870	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	95
2	Caryophyllene	204	C15H24	000087-44-5	91
3	Caryophyllene	204	C15H24	000087-44-5	91
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90
5	Caryophyllene	204	C15H24	000087-44-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

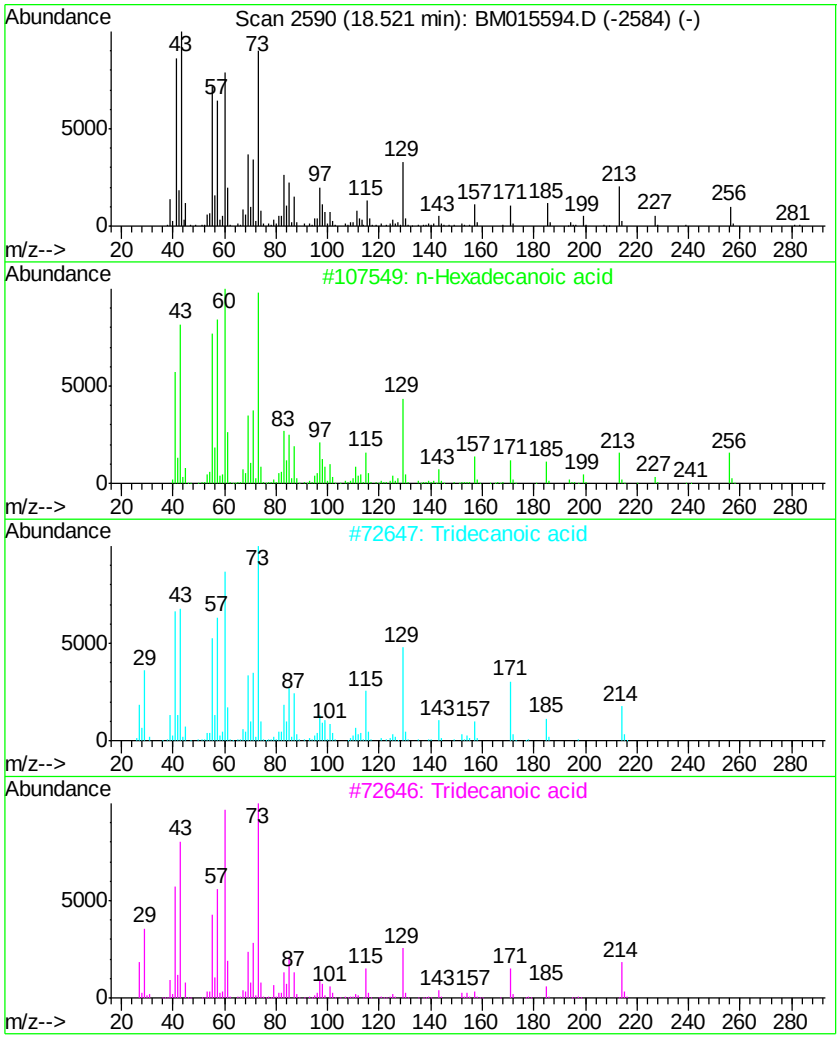
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

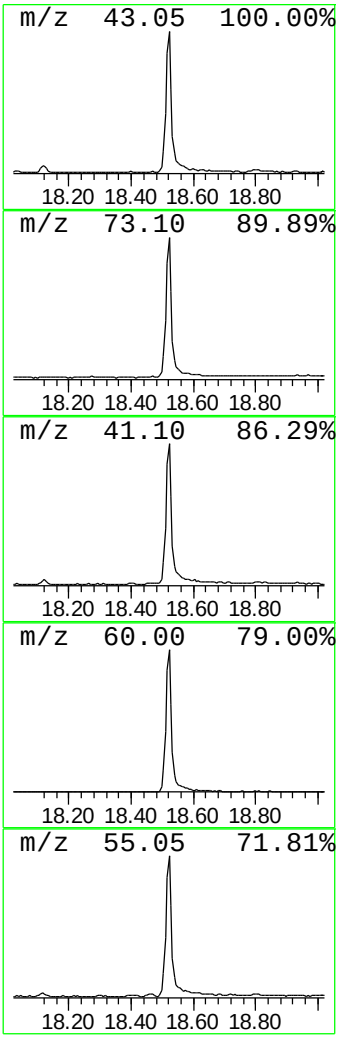
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	8.59 ng/ul	981744	Phenanthrene-d10	17.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

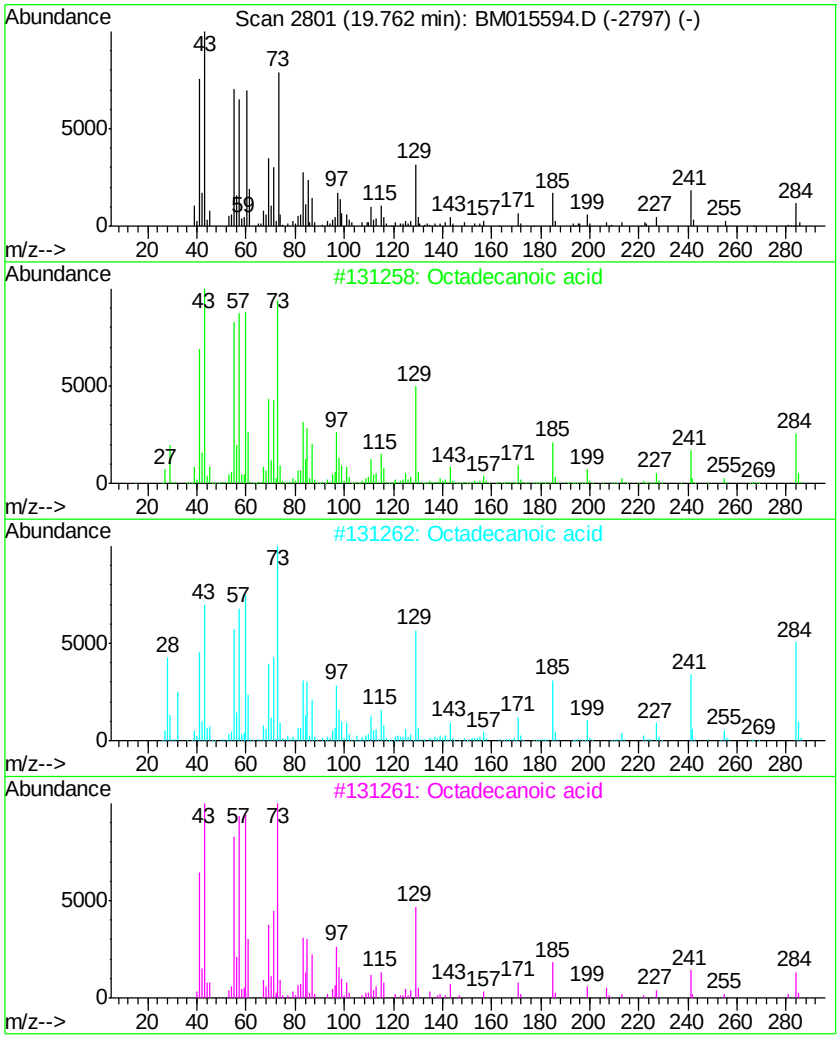
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

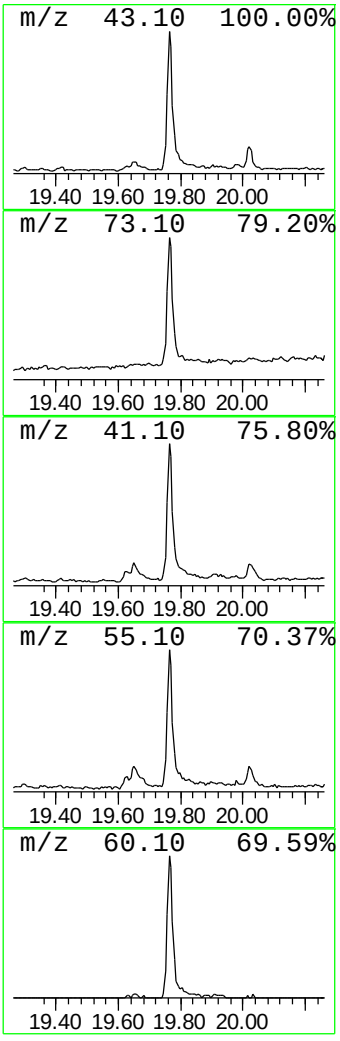
****

Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.93 ng/ul	443844	Chrysene-d12	21.79

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

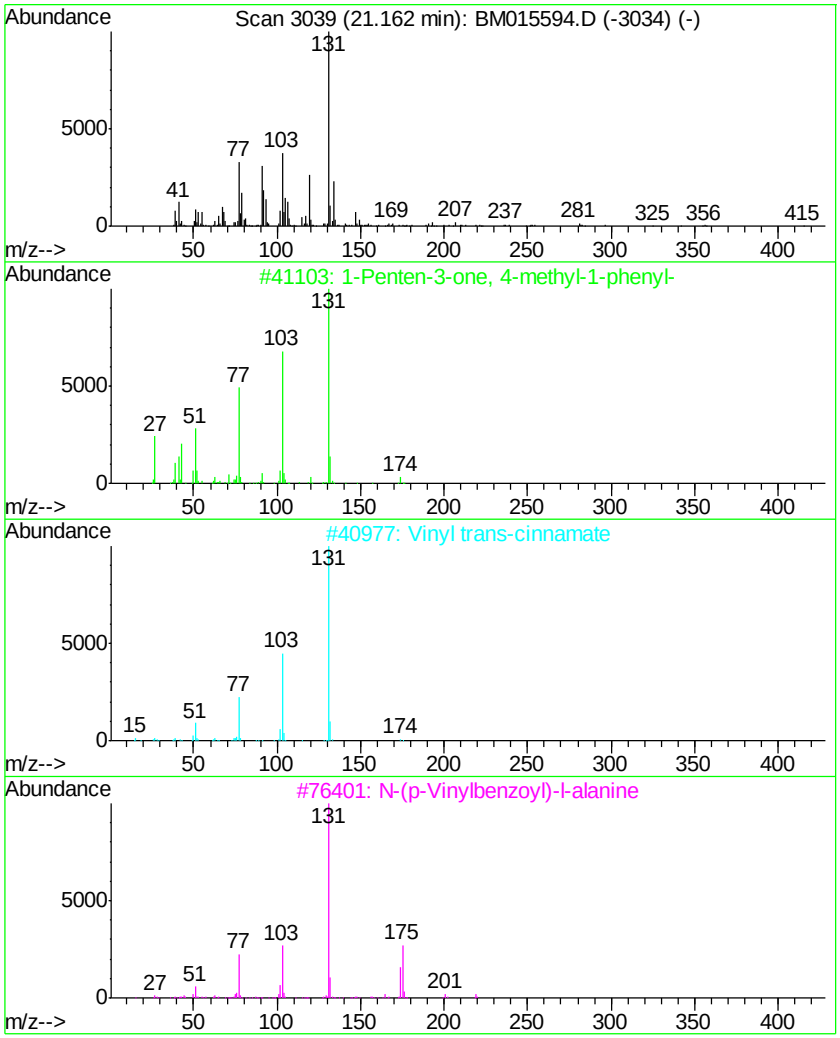
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

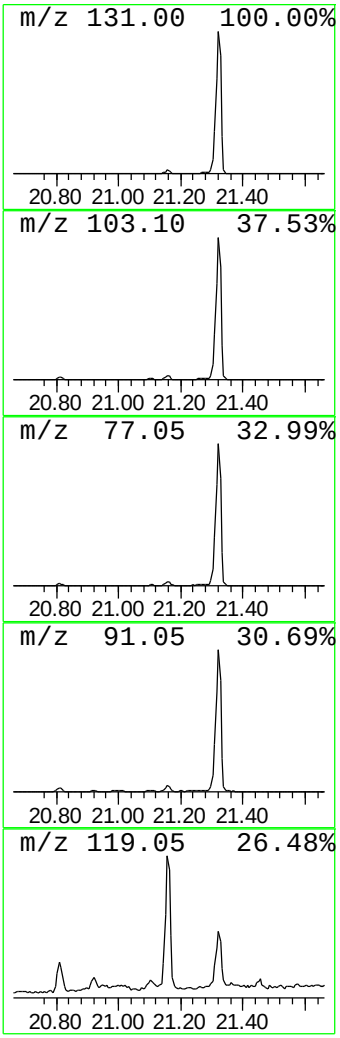
****

Peak Number 5 1-Penten-3-one, 4-methyl-1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.30 ng/ul	500400	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	50
2	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	50
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
4	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	50
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	50





Library Search Compound Report

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Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

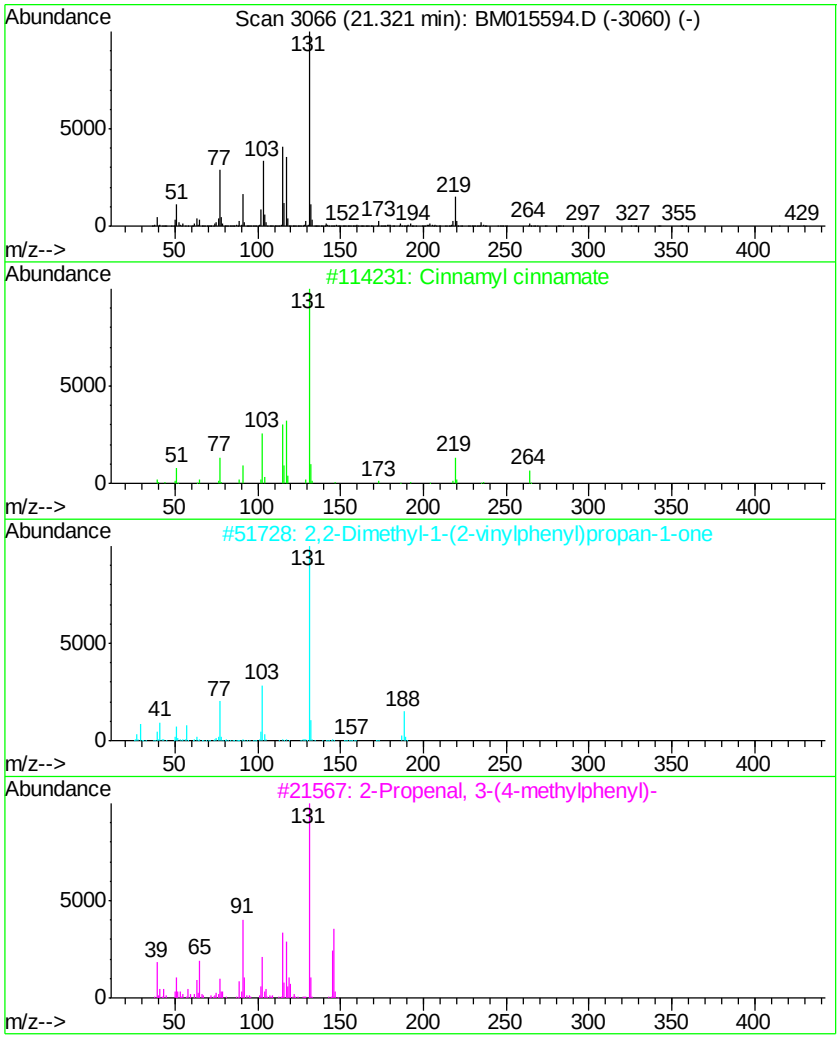
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

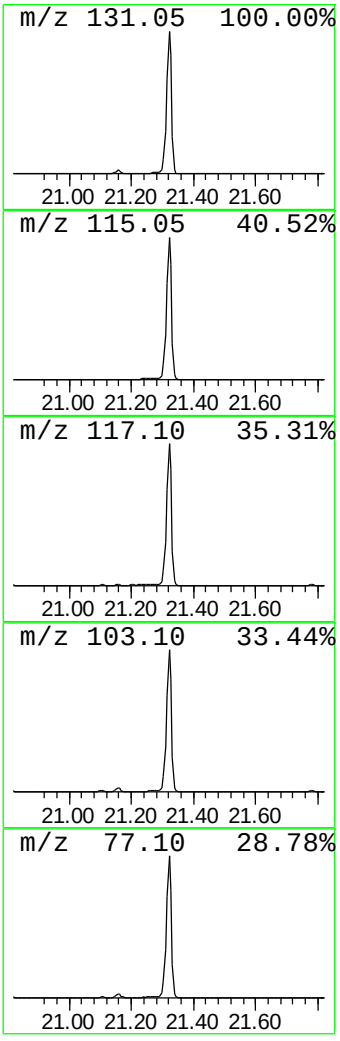
****

Peak Number 6 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	112.28 ng/ul	17006500	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	60
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
5	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

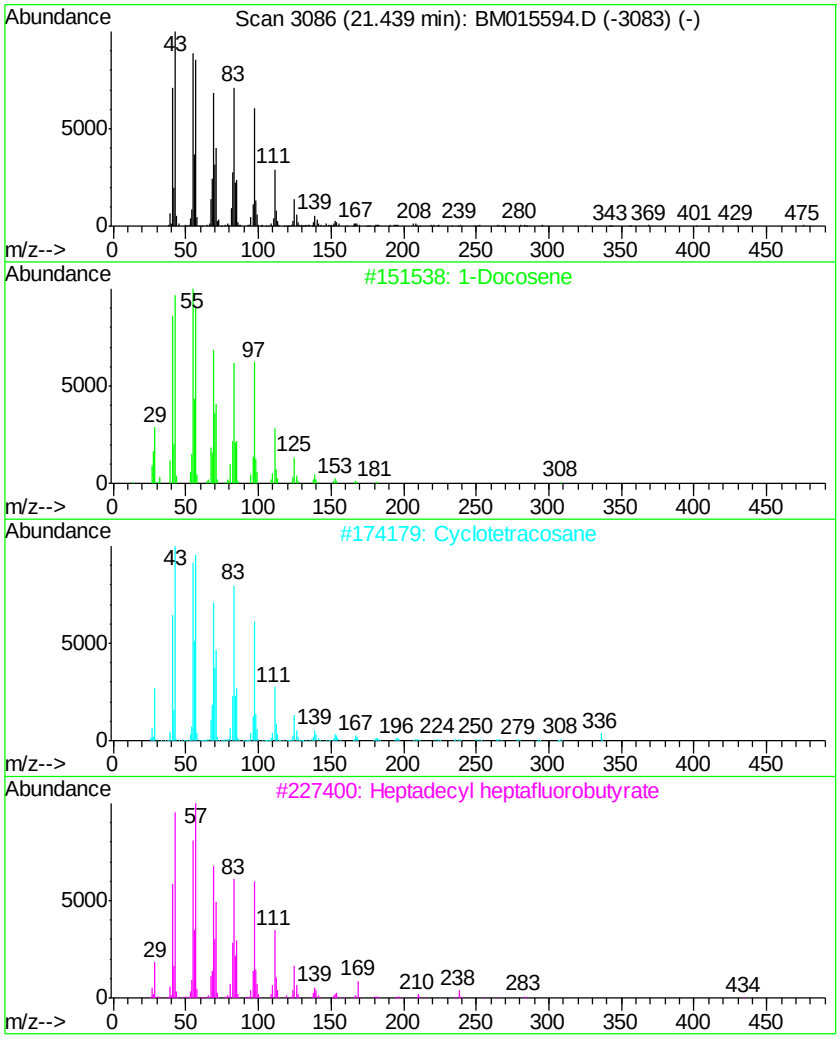
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

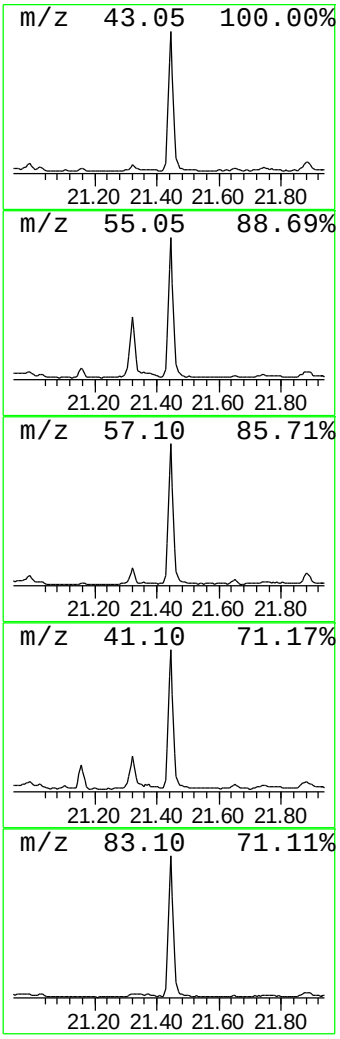
****

Peak Number 7 (DEL) Alkane: Cyclic21.44 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	7.66 ng/ul	1159600	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Library Search Compound Report

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

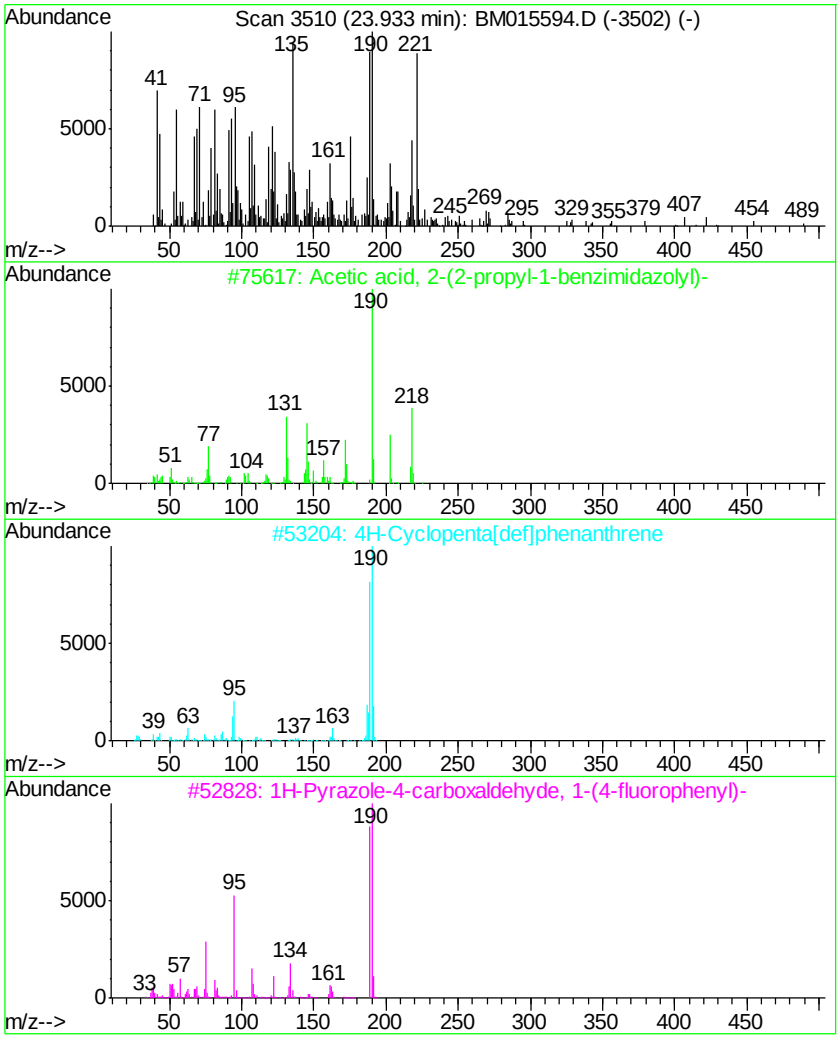
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

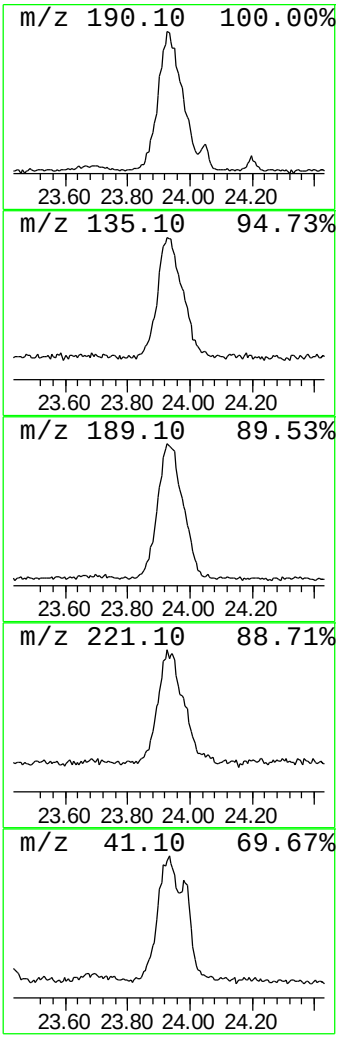
****

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	7.57 ng/ul	1227020	Perylene-d12	24.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-(2-propyl-1-benzi...	218	C12H14N2O2	331736-92-6	46
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	38
4	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	35
5	1,2-Pentanediol, 5-(6-bromodecah...	402	C20H35BrO3	115346-29-7	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060818\
Data File : BM015594.D
Acq On : 09 Jun 2018 09:57
Operator : SJ/JU
Sample : J3346-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXH3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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
(1R)-2,6,6-Trimet...	6.97	6.7	ng/ul	248583	1	8.35	745305	20.0
Bicyclo[5.2.0]non...	14.27	64.7	ng/ul	5810870	3	14.96	1795480	20.0
n-Hexadecanoic acid	18.52	8.6	ng/ul	981744	4	17.68	2286720	20.0
Octadecanoic acid	19.76	2.9	ng/ul	443844	5	21.79	3029280	20.0
1-Penten-3-one, 4...	21.16	3.3	ng/ul	500400	5	21.79	3029280	20.0
Cinnamyl cinnamate	21.32	112.3	ng/ul	17006500	5	21.79	3029280	20.0
(DEL) Alkane: Cyc...	21.44	7.7	ng/ul	1159600	5	21.79	3029280	20.0
unknown-01	23.93	7.6	ng/ul	1227020	6	24.20	3242060	20.0