LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

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-BM062017.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	6.175	552	559	562	rBV3	17742	24400	1.25%	0.076%
2	6.469	603	609	614	rBV2	40385	55558	2.85%	0.173%
3	6.646	630	639	641	rBV	259875	390461	20.03%	1.213%
4	6.669	641	643	649	rVB	284737	388773	19.94%	1.208%
5	6.810	657	667	678	rBB	171301	255088	13.08%	0.792%
6	6.998	692	699	702	rVV	254301	431970	22.15%	1.342%
7	7.028	702	704	711	rVB	247529	320728	16.45%	0.996%
8	7.463	771	778	780	rBV	309767	481638	24.70%	1.496%
9	7.493	780	783	790	rVB	299475	461715	23.68%	1.434%
10	7.734	819	824	830	rBV	23348	34203	1.75%	0.106%
11	8.169	892	898	905	rVB	333527	513079	26.31%	1.594%
12	8.263	908	914	921	rBV	240648	350443	17.97%	1.089%
13	8.604	965	972	982	rBB	261941	405992	20.82%	1.261%
14	9.316	1087	1093	1100	rBB	252464	385856	19.79%	1.199%
15	9.463	1114	1118	1124	rVB3	13378	22920	1.18%	0.071%
16	9.845	1177	1183	1193	rBB	398338	618276	31.71%	1.920%
17	10.086	1218	1224	1232	rBB	448626	719812	36.92%	2.236%
18	10.222	1240	1247	1255	rBB	485672	767279	39.35%	2.383%
19	10.363	1263	1271	1280	rBV	281079	446605	22.91%	1.387%
20	11.516	1461	1467	1476	rVB	469554	708846	36.36%	2.202%
21	12.251	1588	1592	1597	rBV3	32957	46560	2.39%	0.145%
22	13.533	1804	1810	1814	rBV	747305	995683	51.07%	3.093%
23	13.580	1814	1818	1823	rVB	339749	438479	22.49%	1.362%
24	13.798	1848	1855	1863	rBV	761675	1066779	54.71%	3.314%
25	14.110	1902	1908	1914	rBV2	757334	1155706	59.27%	3.590%
26	14.174	1914	1919	1925	rVV	850895	1197447	61.41%	3.719%
27	14.222	1925	1927	1935	rVB5	40017	64485	3.31%	0.200%
28	14.333	1938	1946	1954	rBV2	536743	1015494	52.08%	3.154%
29	14.486	1966	1972	1977	rBV	495609	666195	34.17%	2.069%
30	14.998	2055	2059	2065	rVB2	17979	20459	1.05%	0.064%
31	15.110	2072	2078	2089	rBV	951555	1358765	69.69%	4.221%
32	15.233	2094	2099	2105	rVB	370320	500674	25.68%	1.555%
33	15.863	2203	2206	2209	rBV2	18498	23849	1.22%	0.074%
34	15.892	2209	2211	2217	rVB4	17612	23990	1.23%	0.075%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	16.127	2246	2251	2255	rBV2	18844	24309	1.25%	0.076%
36	16.515	2312	2317	2326	rBV	662983	908080	46.57%	2.821%
37	16.868	2371	2377	2383	rVB2	1060547	1482909	76.06%	4.606%
38	16.963	2387	2393	2401	rBV	1124471	1537417	78.85%	4.775%
39	17.792	2528	2534	2541	rBV	233034	312697	16.04%	0.971%
40	18.092	2582	2585	2592	rBV4	15306	25644	1.32%	0.080%
41	18.757	2695	2698	2705	rVB5	10627	21269	1.09%	0.066%
42	18.962	2730	2733	2746	rVB7	32287	75635	3.88%	0.235%
43	19.086	2750	2754	2763	rBV2	153272	205463	10.54%	0.638%
44	19.274	2777	2786	2789	rBV	1261131	1949784	100.00%	6.056%
45	19.304	2789	2791	2801	rVB	1406732	1577784	80.92%	4.901%
46	19.504	2822	2825	2832	rBV7	24356	41037	2.10%	0.127%
47	19.733	2860	2864	2868	rVB2	26266	33669	1.73%	0.105%
48	19.827	2876	2880	2885	rBV5	32827	55501	2.85%	0.172%
49	19.986	2903	2907	2916	rVB6	59087	83805	4.30%	0.260%
50	20.074	2918	2922	2926	rBV2	54685	69864	3.58%	0.217%
51	20.174	2936	2939	2945	rBV5	54703	71365	3.66%	0.222%
52	20.239	2945	2950	2952	rVV6	15737	24669	1.27%	0.077%
53	20.280	2953	2957	2962	rVV	58337	106178	5.45%	0.330%
54	20.327	2962	2965	2974	rVB	36976	59811	3.07%	0.186%
55	20.421	2979	2981	2988	rVB7	16343	27526	1.41%	0.086%
56	20.651	3016	3020	3028	rBV6	71507	124916	6.41%	0.388%
57	20.780	3036	3042	3045	rBV	408246	531316	27.25%	1.650%
58	20.815	3045	3048	3055	rVB	273488	346473	17.77%	1.076%
59	20.998	3076	3079	3082	rBV2	71649	83082	4.26%	0.258%
60	21.027	3082	3084	3088	rVV4	46649	54491	2.79%	0.169%
61	21.080	3088	3093	3098	rVV	1396935	1706557	87.53%	5.301%
62	21.121	3098	3100	3109	rVB3	96208	138055	7.08%	0.429%
63	21.415	3147	3150	3153	rBV4	32189	30812	1.58%	0.096%
64	21.698	3194	3198	3203	rVB4	96379	147036	7.54%	0.457%
65	21.997	3246	3249	3256	rVB8	57055	82111	4.21%	0.255%
66	22.245	3288	3291	3296	rBV2	40027	58310	2.99%	0.181%
67	22.609	3349	3353	3356	rBV4	69518	95081	4.88%	0.295%
68	23.086	3427	3434	3441	rBV2	763112	1348695	69.17%	4.189%
69	23.144	3441	3444	3449	rVV4	47483	69971	3.59%	0.217%
70	23.221	3451	3457	3466	rVB	696333	1253346	64.28%	3.893%
71	23.750	3543	3547	3554	rVB2	96655	173042	8.87%	0.537%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	23.827	3555	3560	3568	rVV3	127200	231506	11.87%	0.719%
73	26.085	3937	3944	3960	rVB9	222917	666720	34.19%	2.071%

Sum of corrected areas: 32194143

LSC Report - Integrated Chromatogram

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Data File : BM010703.D
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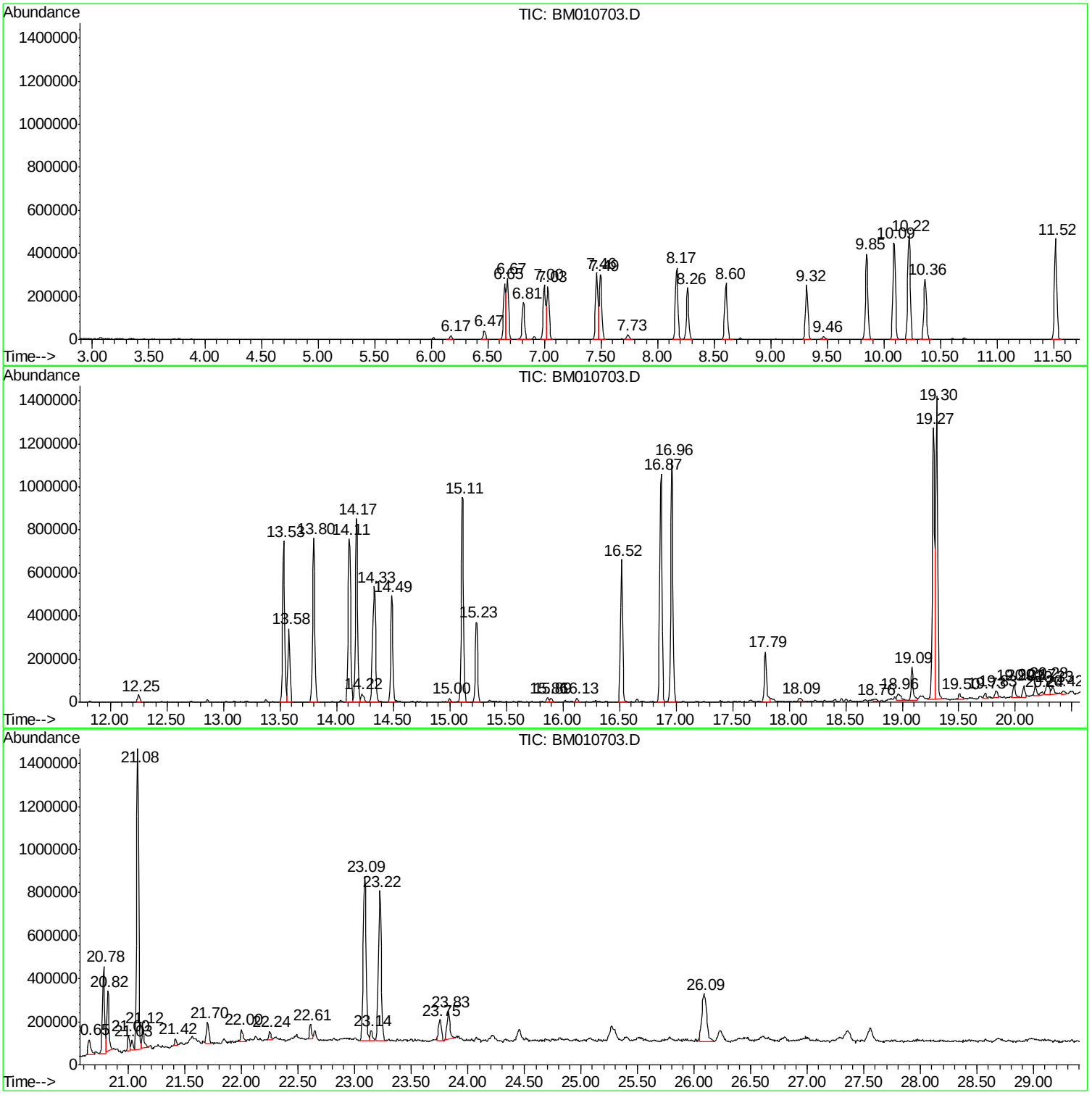
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

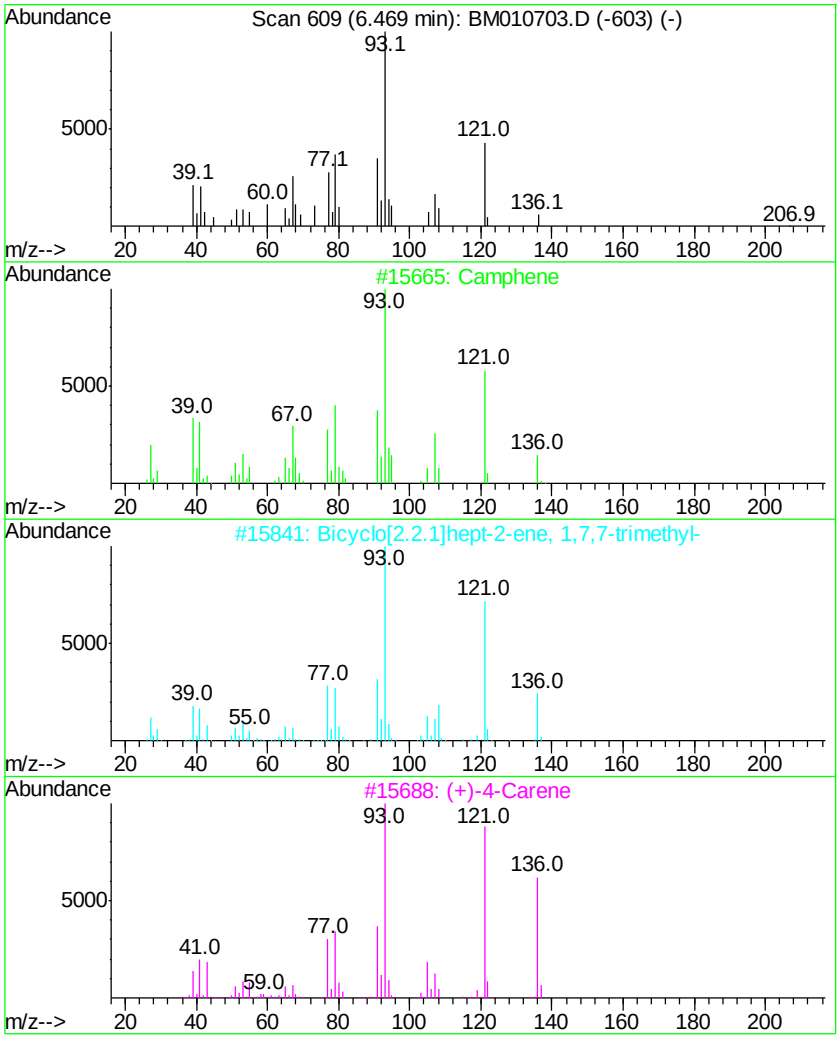
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

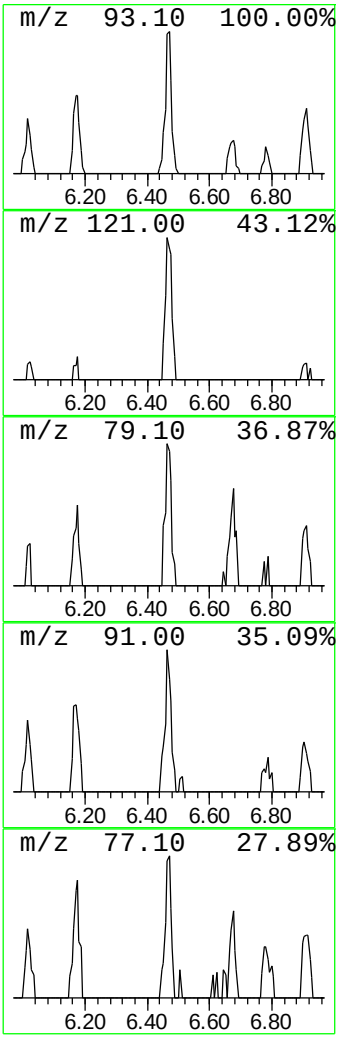
****

Peak Number 1 Camphene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.31 ng/ul	55558	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	96
2	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	87
3	(+)-4-Carene	136	C10H16	029050-33-7	87
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	80
5	Cyclopenta[c]pyran-1,3-dione, 4,...	180	C10H12O3	066407-26-9	80





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Sample : I3857-03MSD
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Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

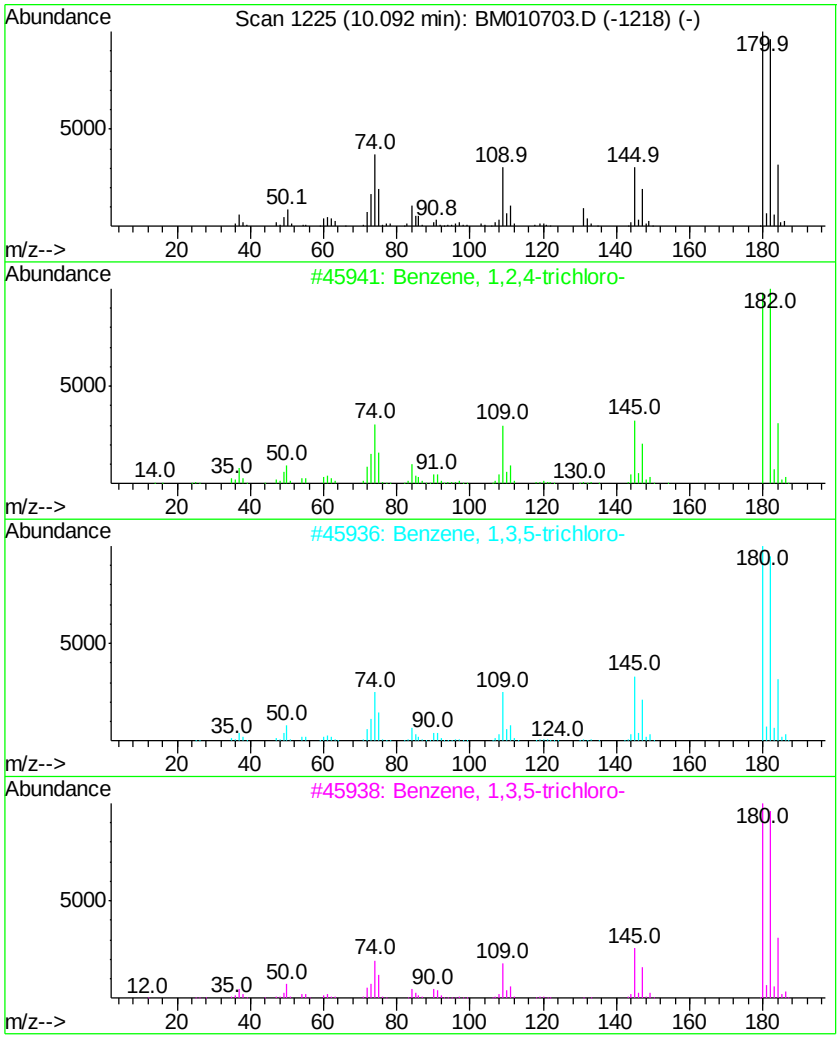
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

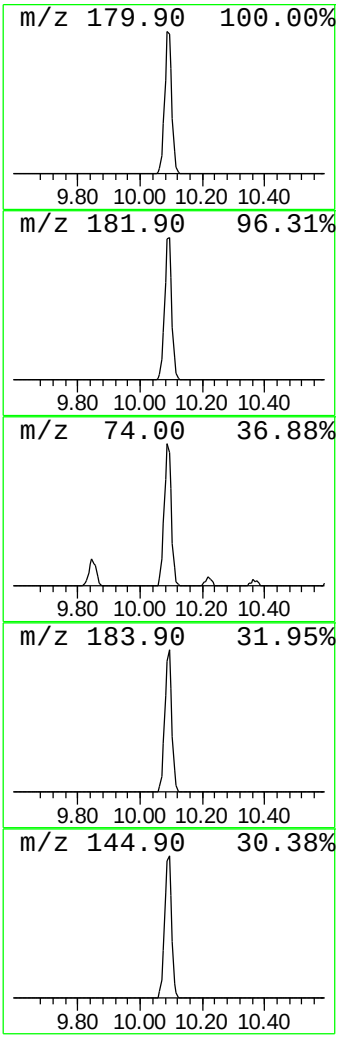
****

Peak Number 2 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	18.76 ng/ul	719812	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	94
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

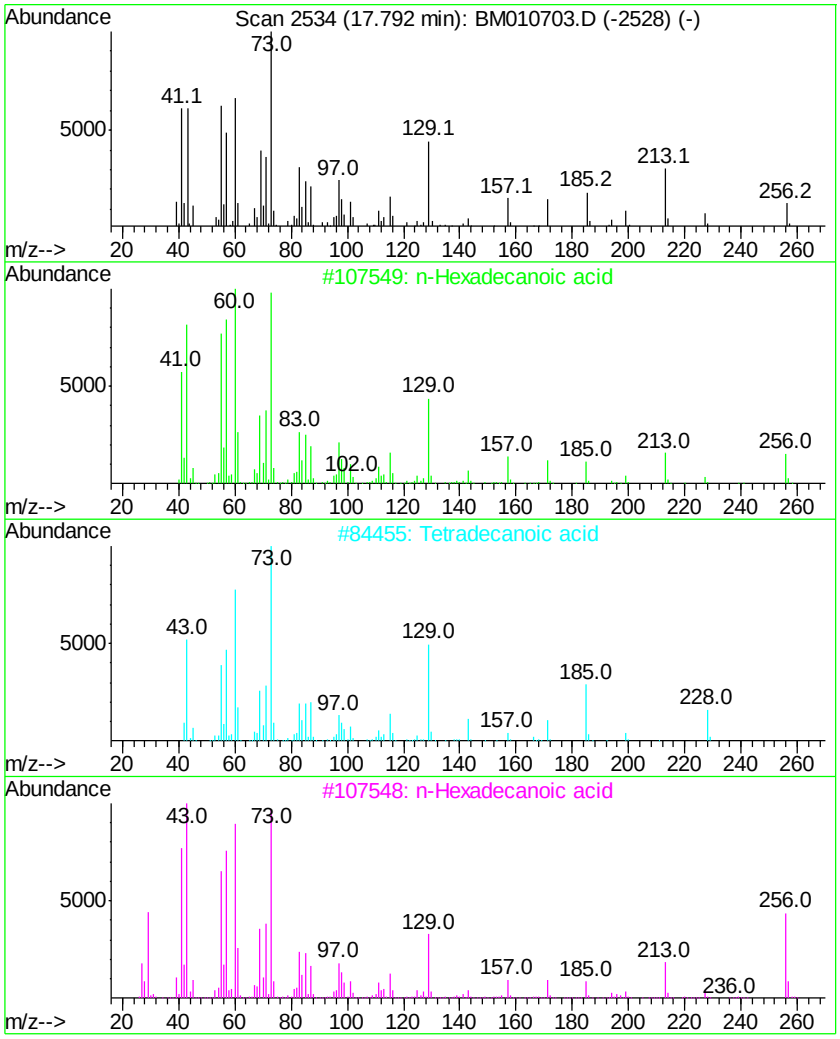
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

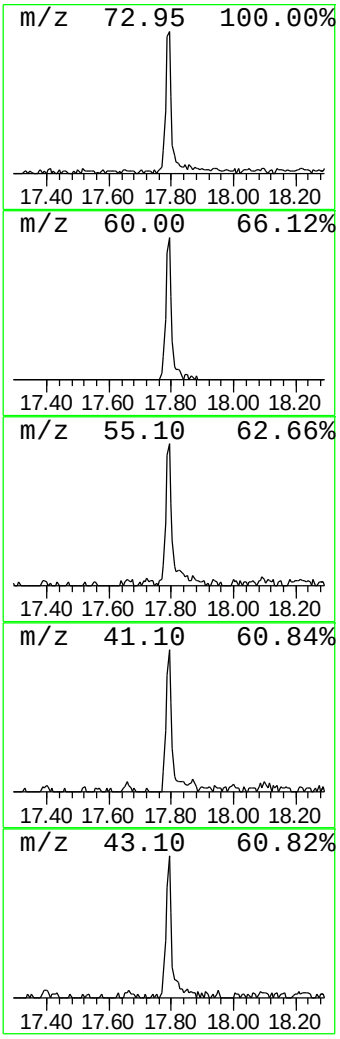
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.22 ng/ul	312697	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
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Misc :
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Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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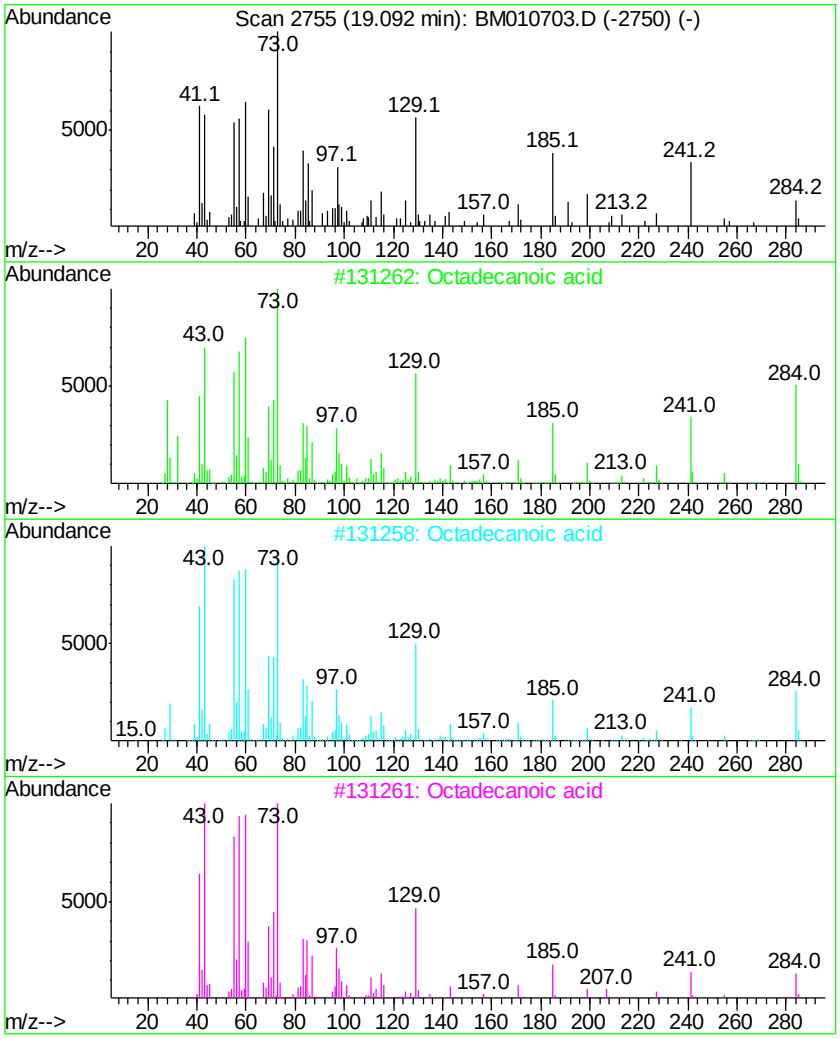
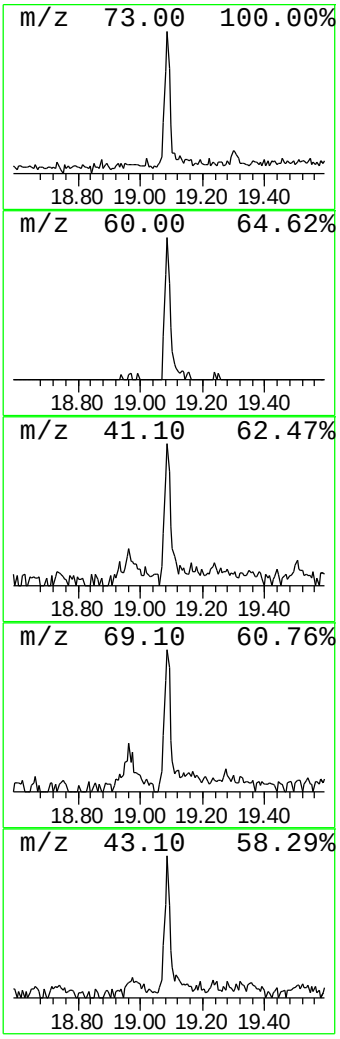
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.41 ng/ul	205463	Chrysene-d12	21.08

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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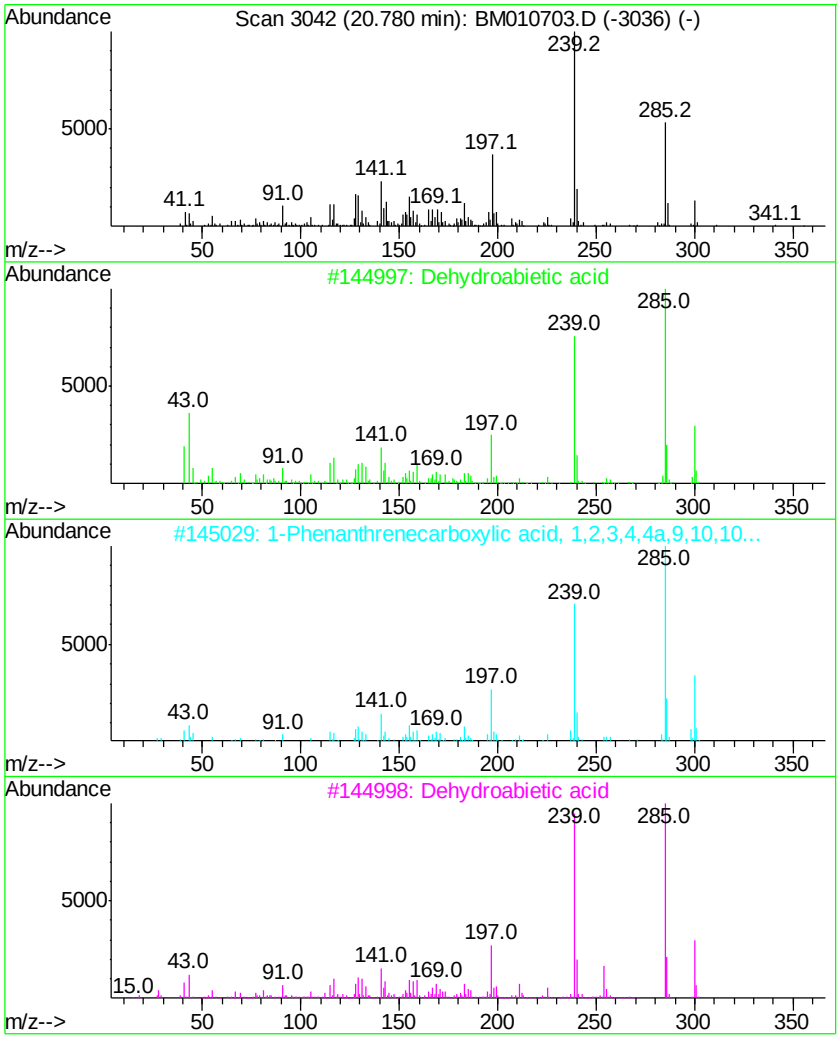
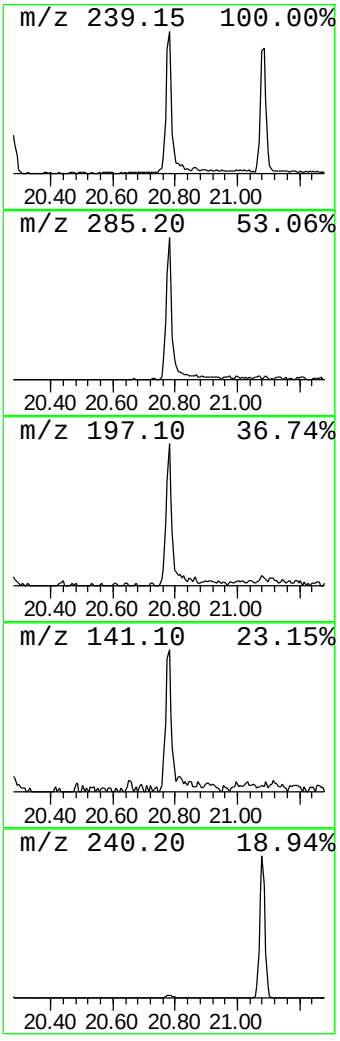
****

Peak Number 5 Dehydroabietic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	6.23 ng/ul	531316	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	86
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	58





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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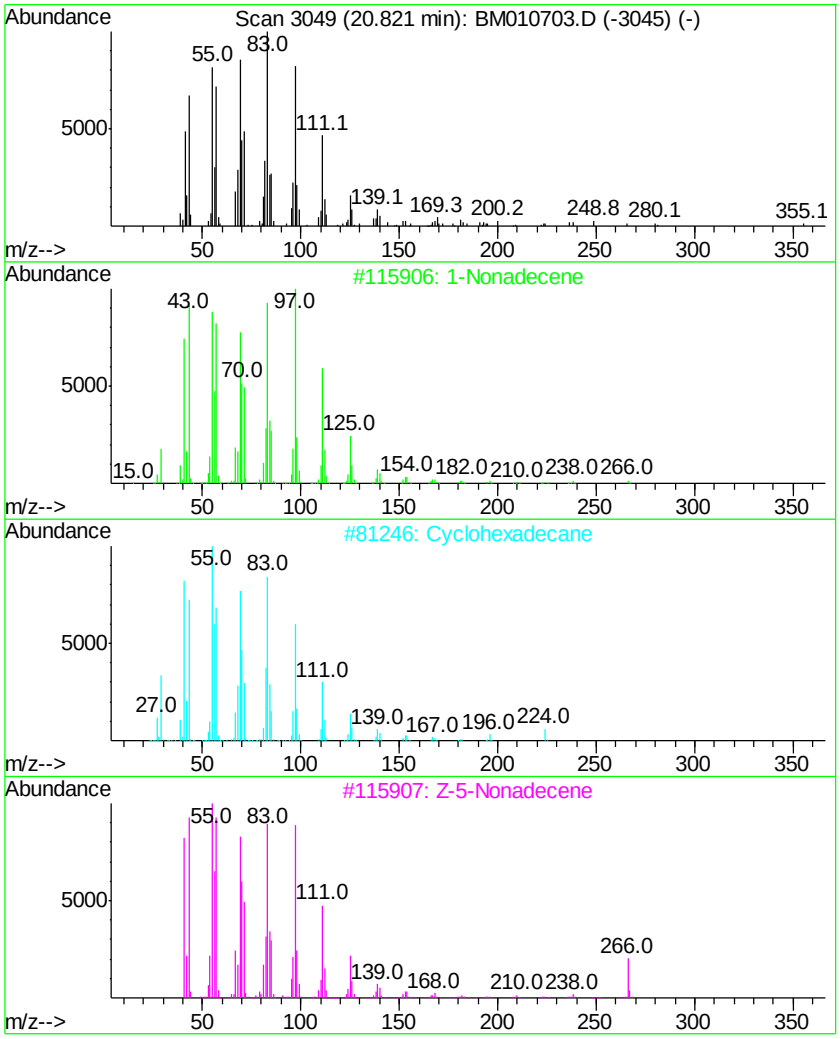
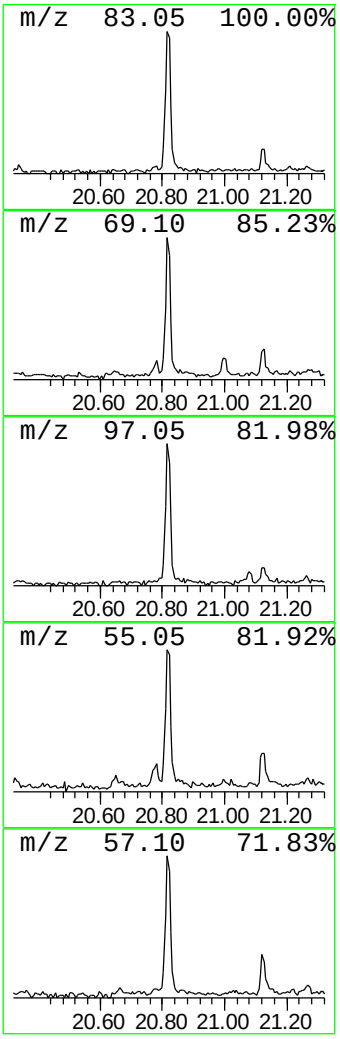
Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.06 ng/ul	346473	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Library Search Compound Report

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Operator : SJ/JU
Sample : I3857-03MSD
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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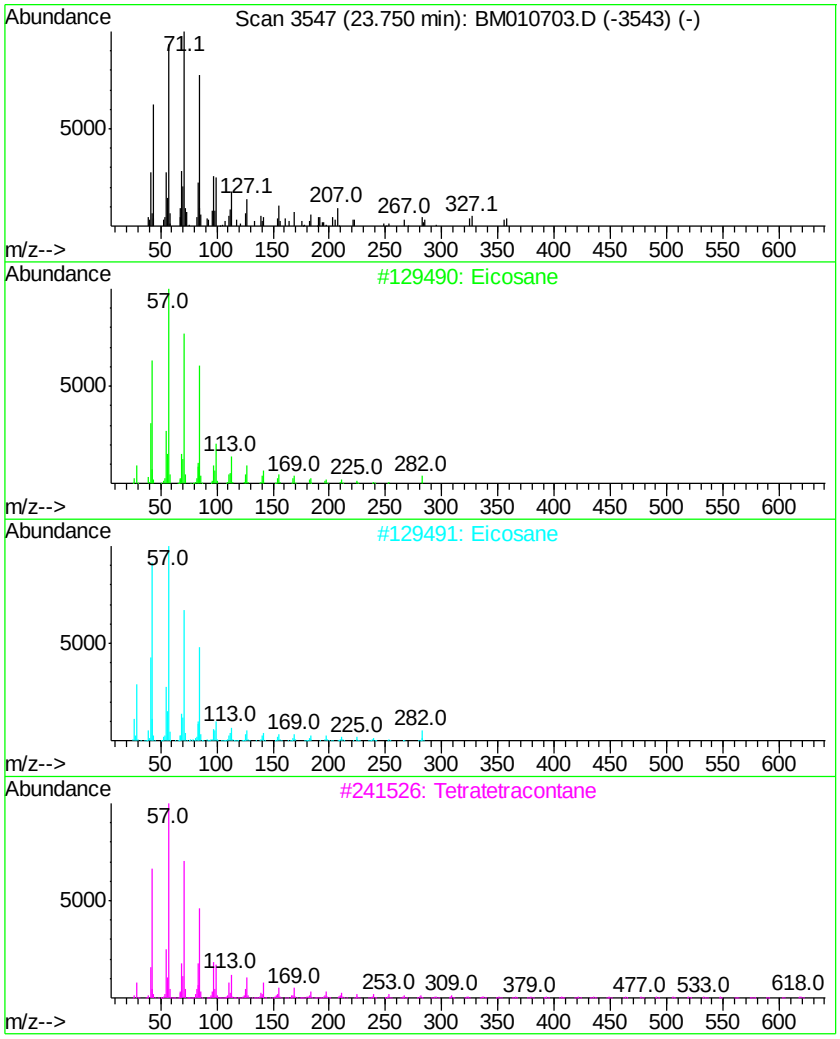
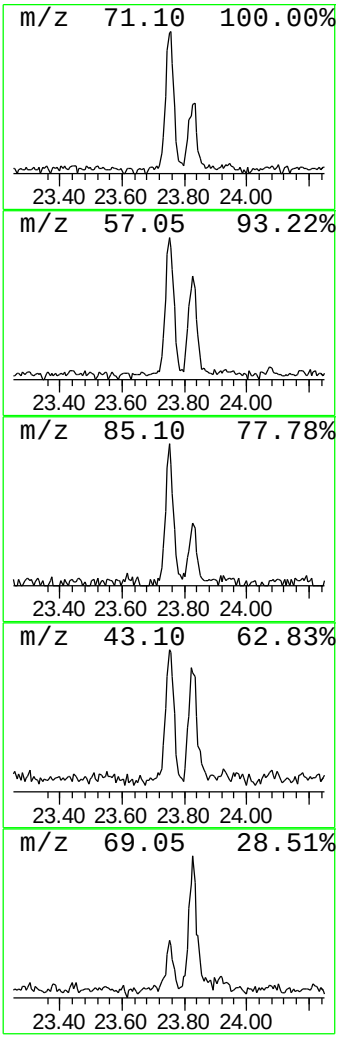
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.76 ng/ul	173042	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Triacontane	422	C30H62	000638-68-6	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

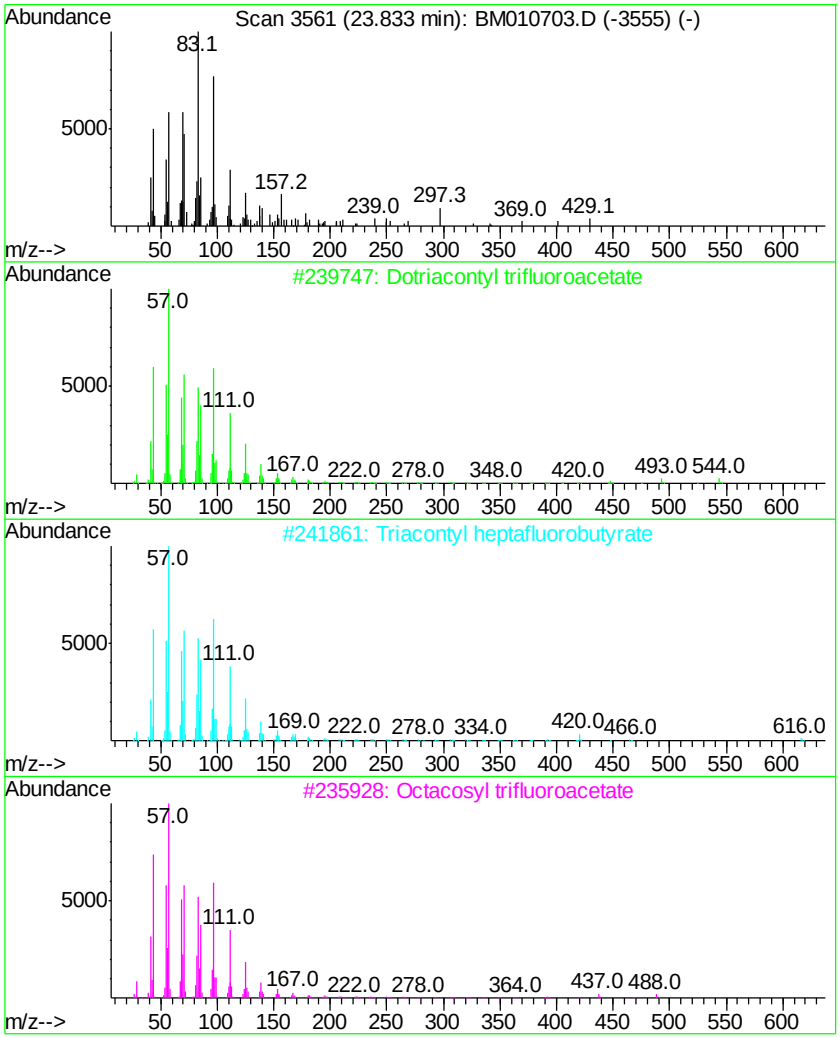
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

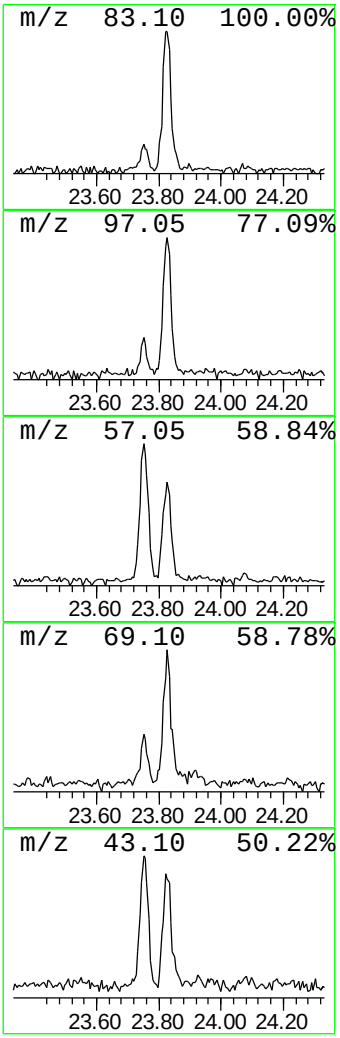
****

Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	3.69 ng/ul	231506	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	38
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	38
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	30
4	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	30
5	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

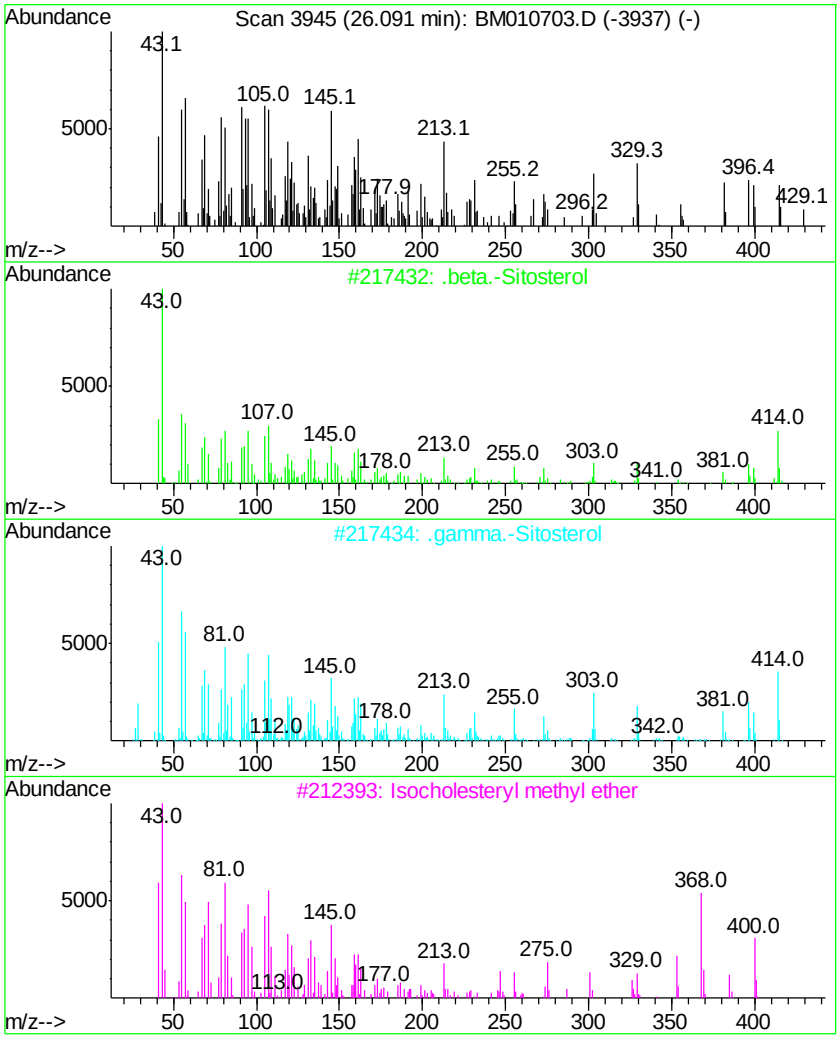
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

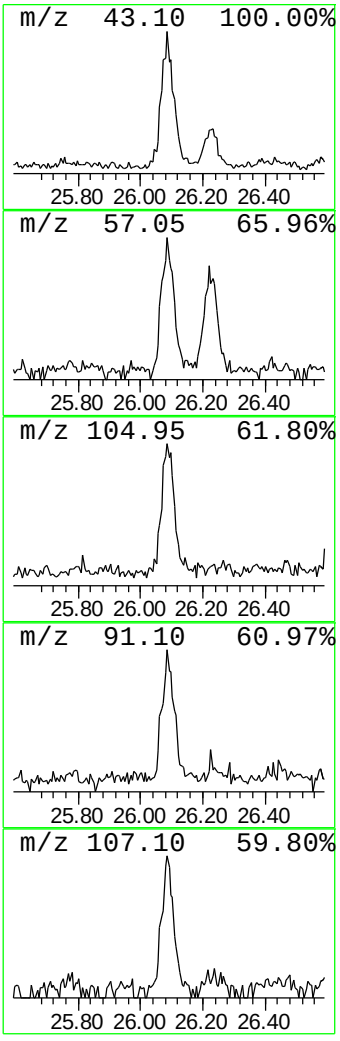
****

Peak Number 9 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	10.64 ng/ul	666720	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	94
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	89
3	Isocholesteryl methyl ether	400	C28H48O	029944-53-4	40
4	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	35
5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010703.D
Acq On : 23 Jun 2017 23:02
Operator : SJ/JU
Sample : I3857-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TR7MSD

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
Camphene	6.47	2.3	ng/ul	55558	1	7.46	481638	20.0
Benzene, 1,2,4-tr...	10.09	18.8	ng/ul	719812	2	10.22	767279	20.0
n-Hexadecanoic acid	17.79	4.2	ng/ul	312697	4	16.87	1482910	20.0
Octadecanoic acid	19.09	2.4	ng/ul	205463	5	21.08	1706560	20.0
Dehydroabietic acid	20.78	6.2	ng/ul	531316	5	21.08	1706560	20.0
1-Nonadecene	20.82	4.1	ng/ul	346473	5	21.08	1706560	20.0
Eicosane	23.75	2.8	ng/ul	173042	6	23.22	1253350	20.0
unknown-01	23.83	3.7	ng/ul	231506	6	23.22	1253350	20.0
.beta.-Sitosterol	26.09	10.6	ng/ul	666720	6	23.22	1253350	20.0