LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013250.D
Acq On : 07 Dec 2017 19:16
Operator : SJ/JU
Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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	3.240	23	26	30	rVB2	50699	58682	1.36%	0.106%
2	6.393	553	562	570	rBV2	179973	291650	6.77%	0.529%
3	6.875	636	644	661	rVB	998029	1740532	40.42%	3.155%
4	7.040	661	672	679	rBV	775330	1186109	27.55%	2.150%
5	7.140	682	689	697	rVB	227893	367169	8.53%	0.666%
6	7.234	697	705	714	rBV	1094834	1674273	38.88%	3.035%
7	7.698	776	784	791	rBV	906826	1410963	32.77%	2.558%
8	8.404	897	904	912	rBV	1249437	2018190	46.87%	3.658%
9	8.851	972	980	988	rBV	991703	1590488	36.94%	2.883%
10	8.975	998	1001	1006	rBV3	36501	57990	1.35%	0.105%
11	9.569	1093	1102	1114	rBV	843623	1403736	32.60%	2.545%
12	10.104	1186	1193	1205	rBV	1256863	2080502	48.32%	3.771%
13	10.481	1249	1257	1263	rBV	1068381	1824443	42.37%	3.307%
14	10.539	1263	1267	1272	rVV3	74024	131484	3.05%	0.238%
15	10.622	1272	1281	1292	rVB	1077878	1848084	42.92%	3.350%
16	12.892	1661	1667	1672	rVB2	56386	87350	2.03%	0.158%
17	13.169	1708	1714	1717	rBV6	38047	52848	1.23%	0.096%
18	13.757	1807	1814	1818	rBV	1989723	2734221	63.50%	4.956%
19	13.804	1818	1822	1830	rVB	496240	700729	16.27%	1.270%
20	14.033	1852	1861	1868	rBV	2227023	3366356	78.18%	6.102%
21	14.186	1881	1887	1893	rBV4	59555	112752	2.62%	0.204%
22	14.245	1893	1897	1903	rVB	93086	129586	3.01%	0.235%
23	14.339	1905	1913	1922	rBV2	1394967	2127508	49.41%	3.857%
24	14.551	1943	1949	1961	rBV	765610	1227272	28.50%	2.225%
25	15.145	2047	2050	2054	rBV2	36808	47425	1.10%	0.086%
26	15.204	2056	2060	2064	rVB	97801	124907	2.90%	0.226%
27	15.339	2073	2083	2090	rBV	2715941	3792913	88.08%	6.875%
28	15.463	2098	2104	2115	rBV	597052	841022	19.53%	1.525%
29	15.574	2117	2123	2128	rBV4	42122	82386	1.91%	0.149%
30	16.068	2203	2207	2213	rBV2	79579	130774	3.04%	0.237%
31	16.857	2337	2341	2347	rBV3	62165	94430	2.19%	0.171%
32	17.092	2374	2381	2387	rBV	1631169	2327411	54.05%	4.219%
33	17.192	2391	2398	2407	rVB	2738955	4013358	93.20%	7.275%
34	17.992	2530	2534	2541	rBV2	324236	455106	10.57%	0.825%

LSC Area Percent Report

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Acq On : 07 Dec 2017 19:16
Operator : SJ/JU
Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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	18.856	2677	2681	2684	rBV5	79142	102558	2.38%	0.186%
36	18.898	2684	2688	2694	rVV	198392	294919	6.85%	0.535%
37	18.951	2694	2697	2704	rVB7	59166	91123	2.12%	0.165%
38	19.121	2722	2726	2729	rBV2	54169	74110	1.72%	0.134%
39	19.209	2736	2741	2745	rVB7	31781	53125	1.23%	0.096%
40	19.274	2748	2752	2758	rBV2	209835	282627	6.56%	0.512%
41	19.427	2773	2778	2781	rBV7	52356	73363	1.70%	0.133%
42	19.486	2782	2788	2794	rVV	3227526	4305977	100.00%	7.805%
43	19.539	2794	2797	2802	rVB4	81724	121857	2.83%	0.221%
44	20.145	2896	2900	2906	rBV	83744	141949	3.30%	0.257%
45	20.997	3041	3045	3050	rBV3	202571	265652	6.17%	0.482%
46	21.062	3053	3056	3059	rVV4	93466	118768	2.76%	0.215%
47	21.280	3088	3093	3098	rBV	1831633	2333320	54.19%	4.230%
48	21.415	3114	3116	3120	rVB5	125384	134862	3.13%	0.244%
49	23.368	3442	3448	3459	rVB2	2227334	4266061	99.07%	7.733%
50	23.509	3466	3472	3481	rVB	1286651	2373854	55.13%	4.303%

Sum of corrected areas: 55166774

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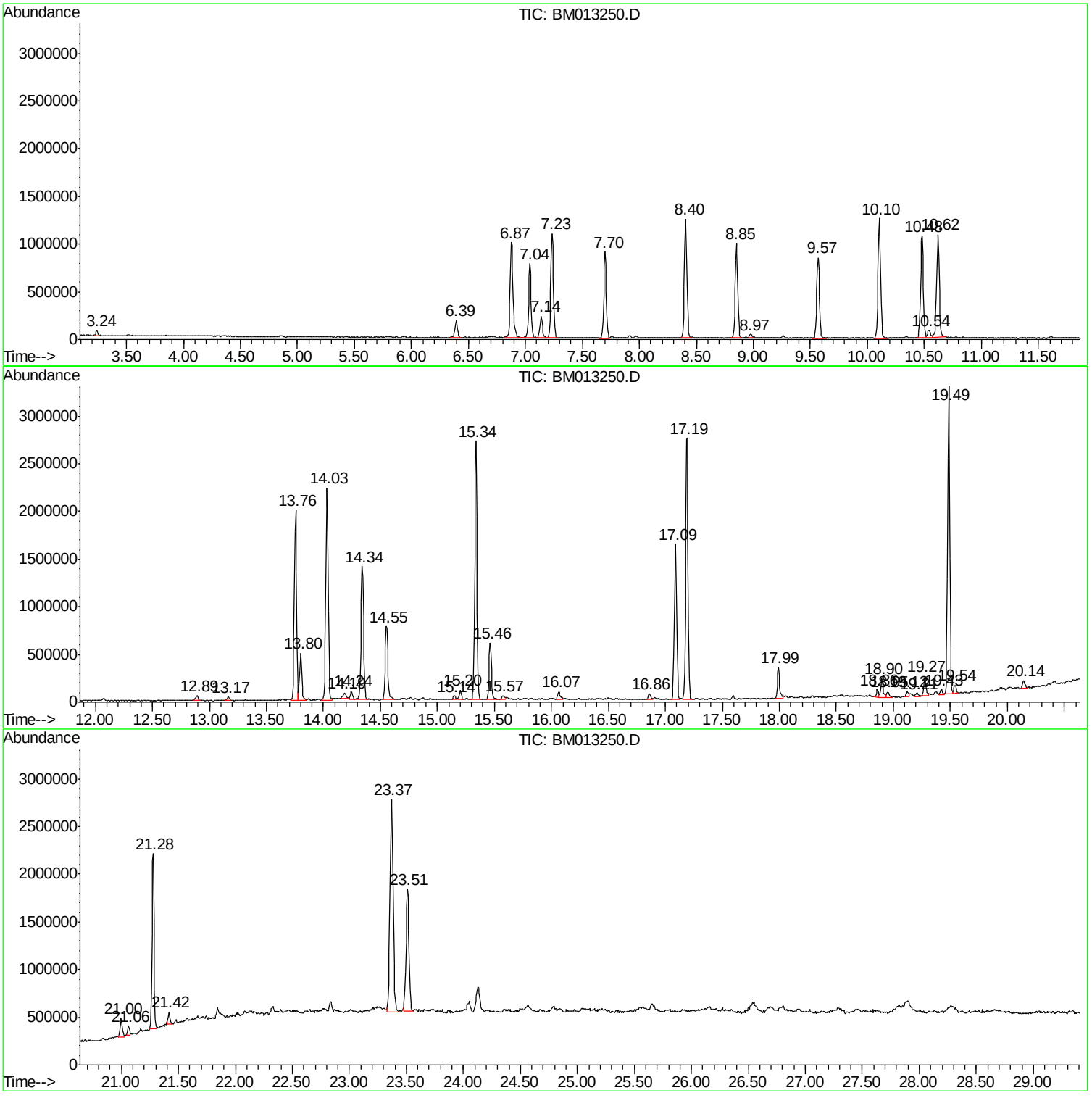
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHPG0

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013250.D
Acq On : 07 Dec 2017 19:16
Operator : SJ/JU
Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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

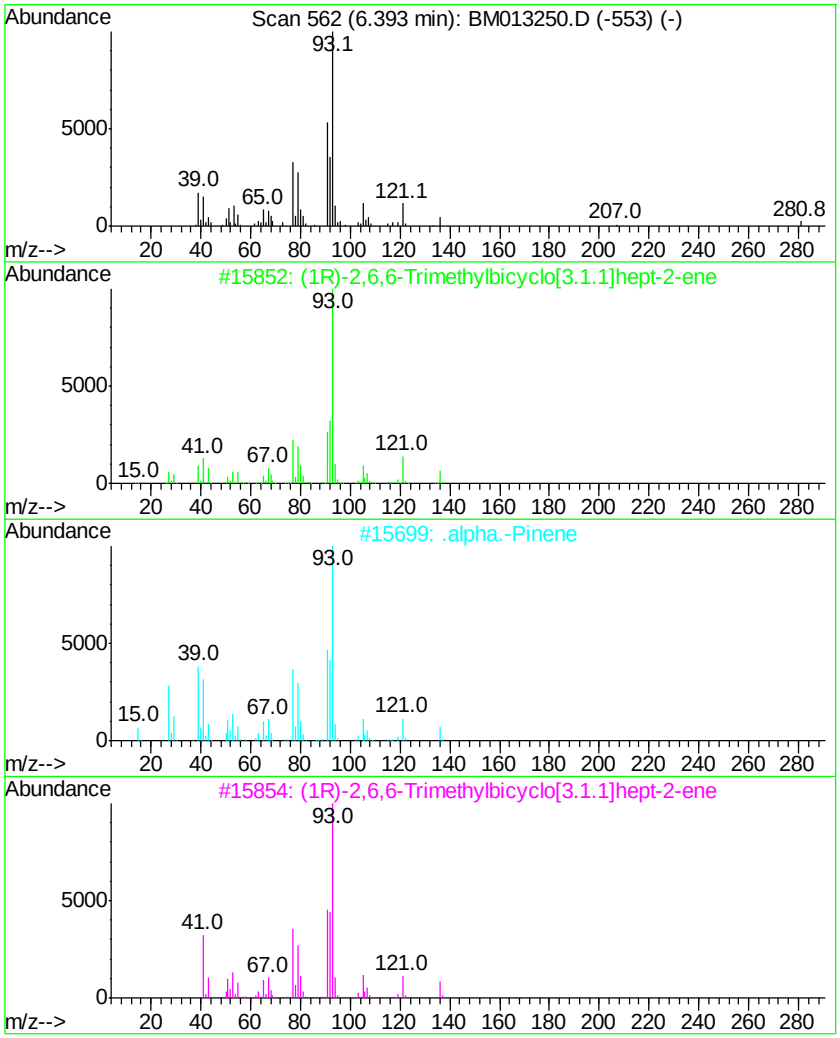
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

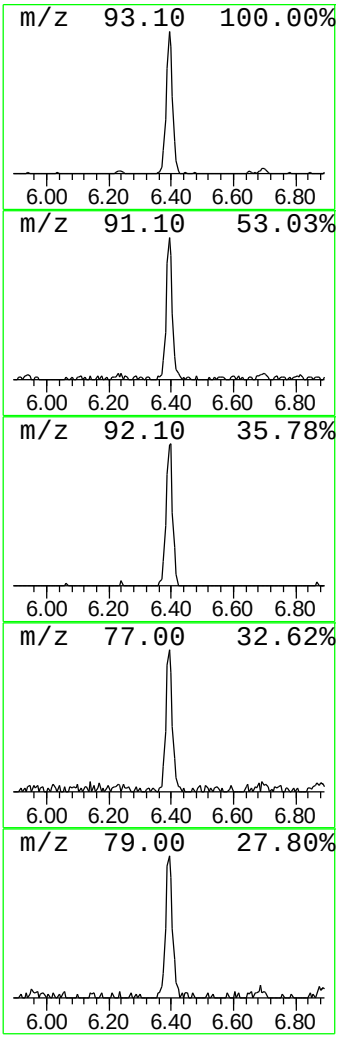
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.13 ng/ul	291650	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	94





Library Search Compound Report

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Data File : BM013250.D
Acq On : 07 Dec 2017 19:16
Operator : SJ/JU
Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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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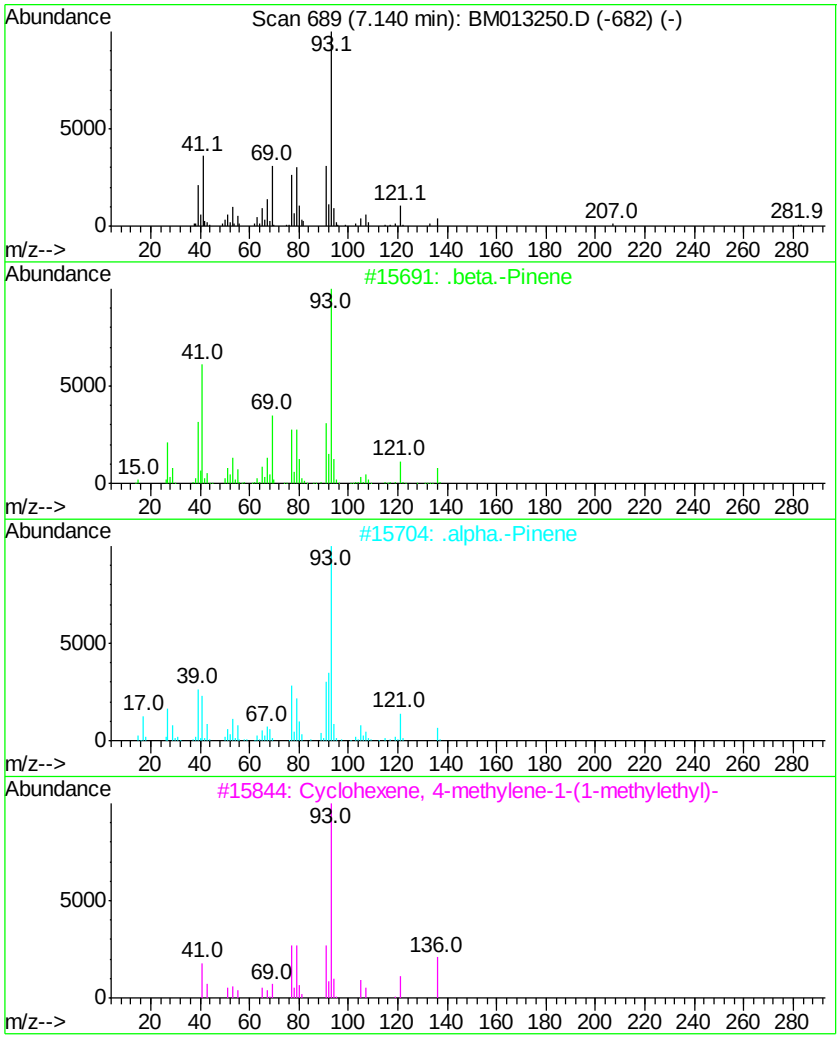
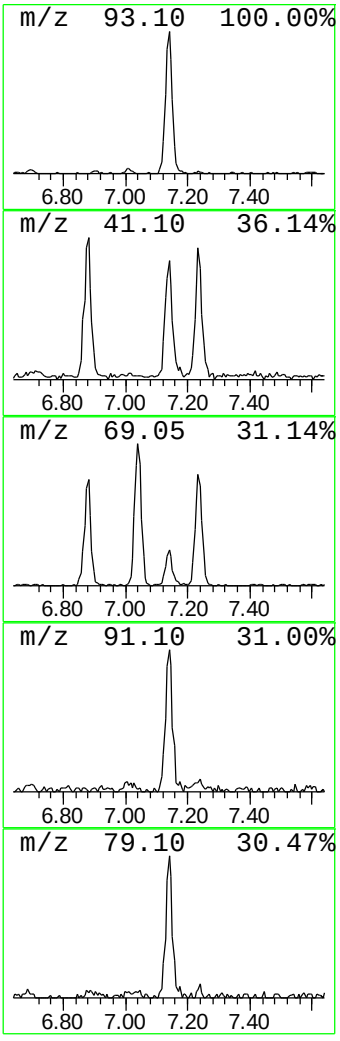
Peak Number 2 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.20 ng/ul	367169	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	91
2	.alpha.-Pinene	136	C10H16	000080-56-8	83
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	83
4	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	80
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	74





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Data File : BM013250.D
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Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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

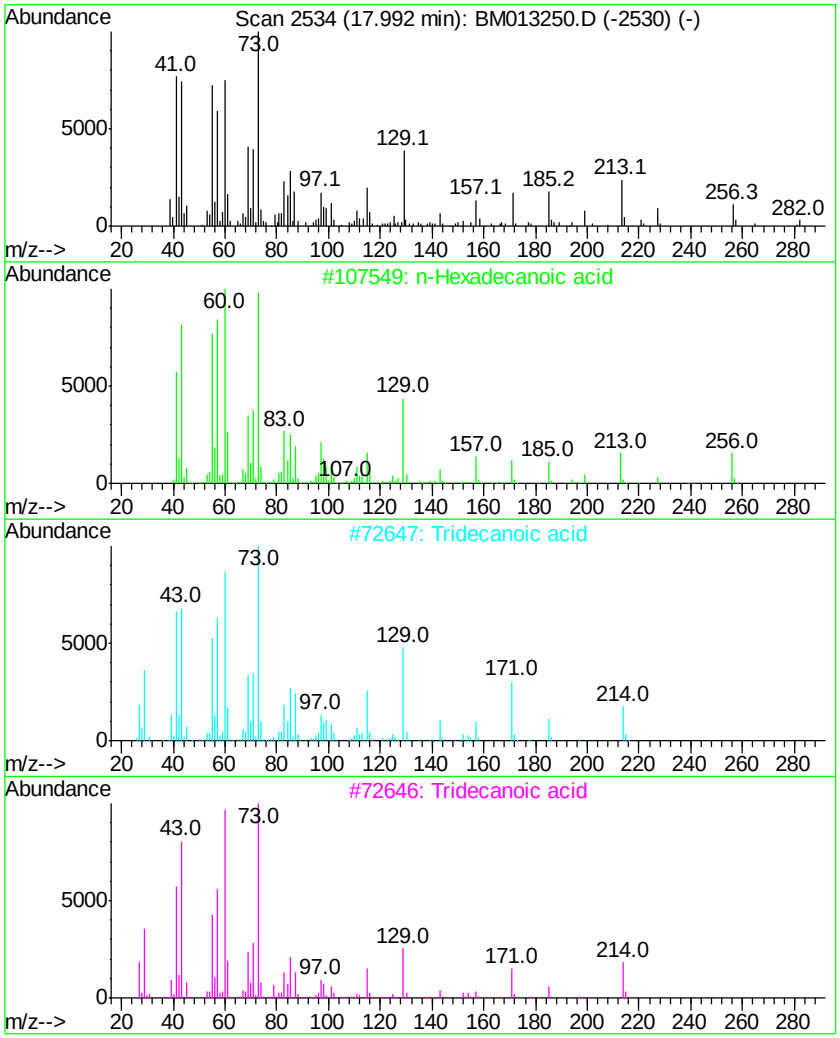
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

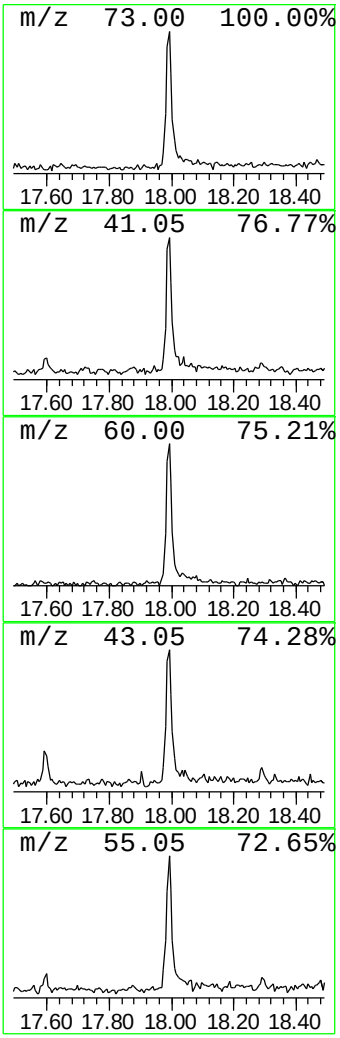
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.91 ng/ul	455106	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Operator : SJ/JU
Sample : I6719-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHPG0

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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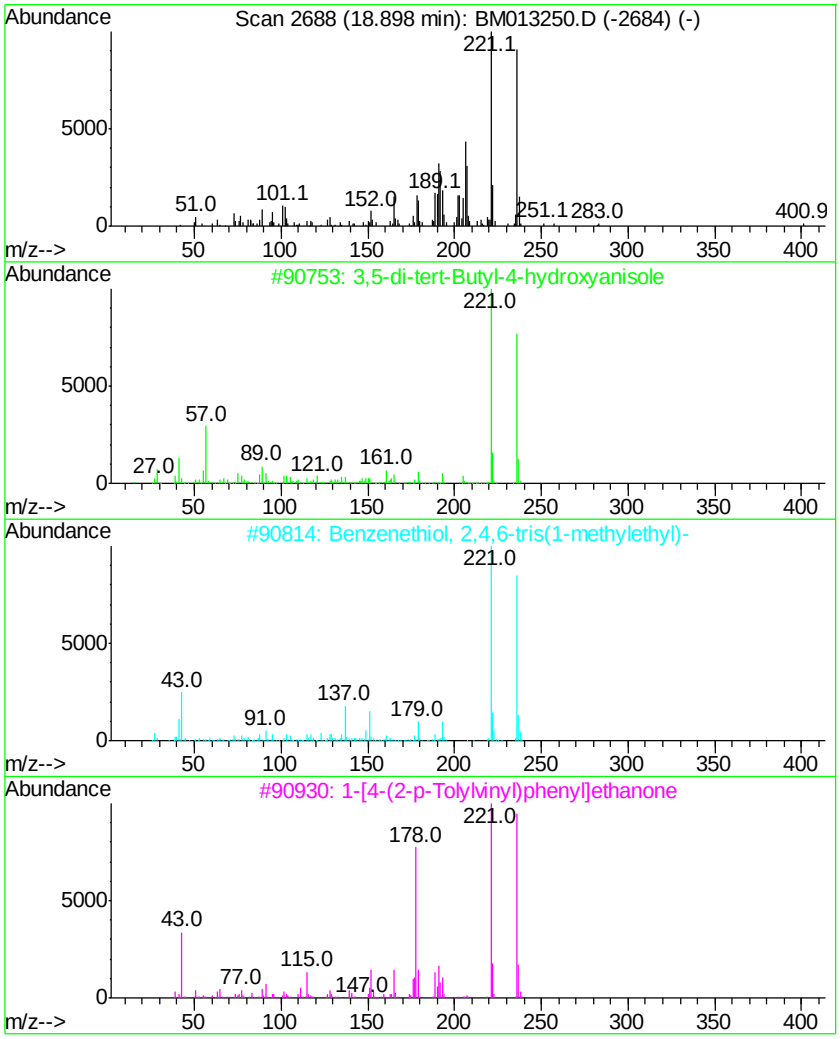
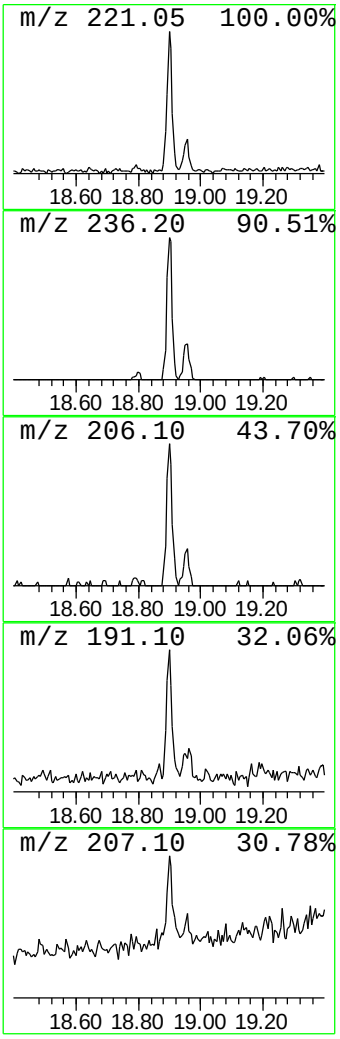
Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.53 ng/ul	294919	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyanisole	236	C15H24O2	000489-01-0	64
2	Benzenethiol, 2,4,6-tris(1-methy...	236	C15H24S	022693-41-0	58
3	1-[4-(2-p-Tolylvinyl)phenyl]etha...	236	C17H16O	1000202-13-4	52
4	Khellinone	236	C12H12O5	000484-51-5	52
5	3,5-di-tert-Butyl-4-hydroxyanisole	236	C15H24O2	000489-01-0	49





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Sample : I6719-06
Misc :
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Instrument : BNA_M
ClientSampleId : JHPG0

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

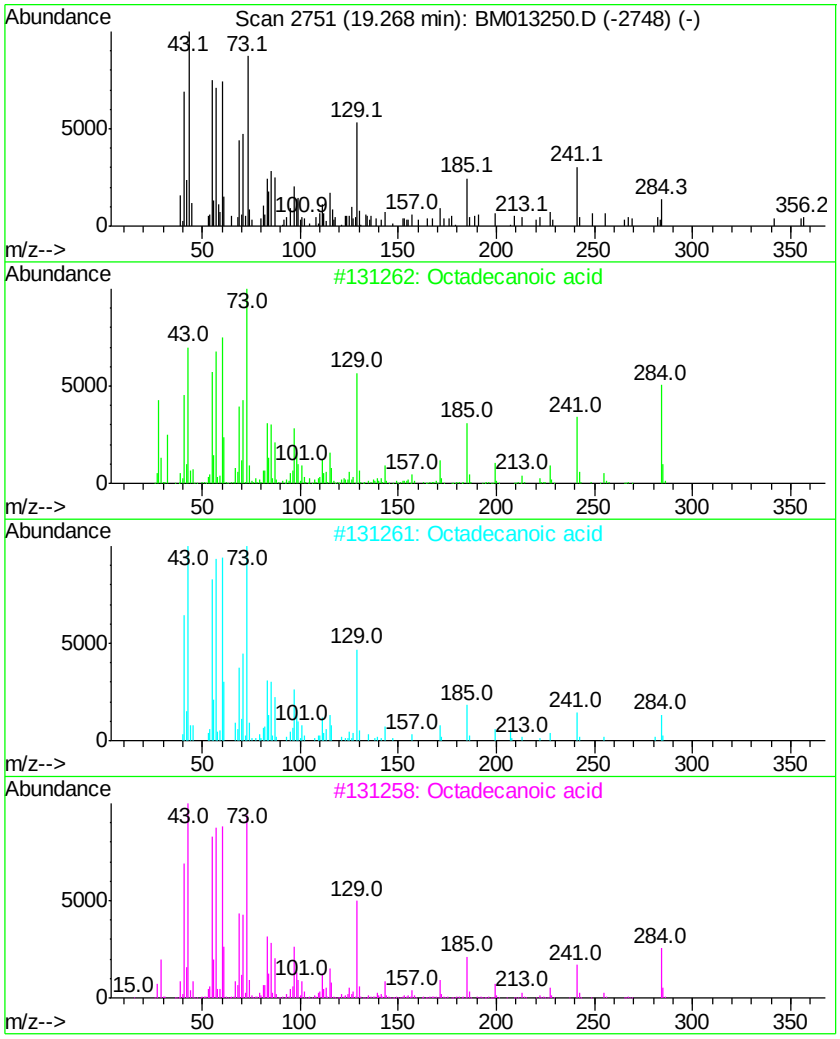
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

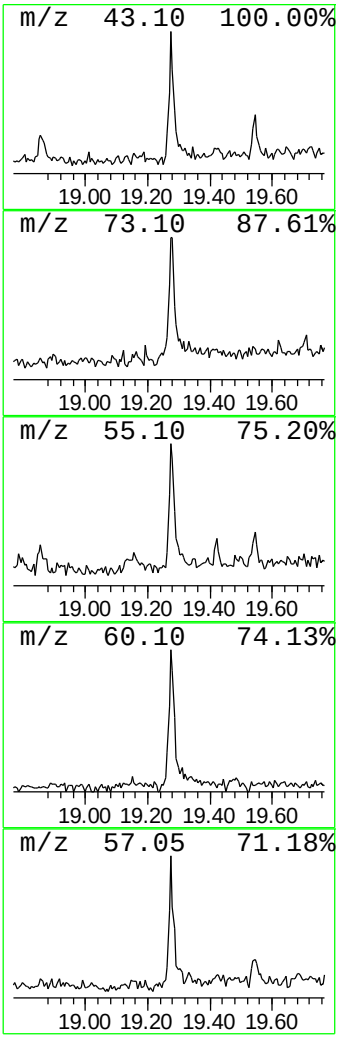
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.42 ng/ul	282627	Chrysene-d12	21.28

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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Quant Title : SVOA CALIBRATION

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

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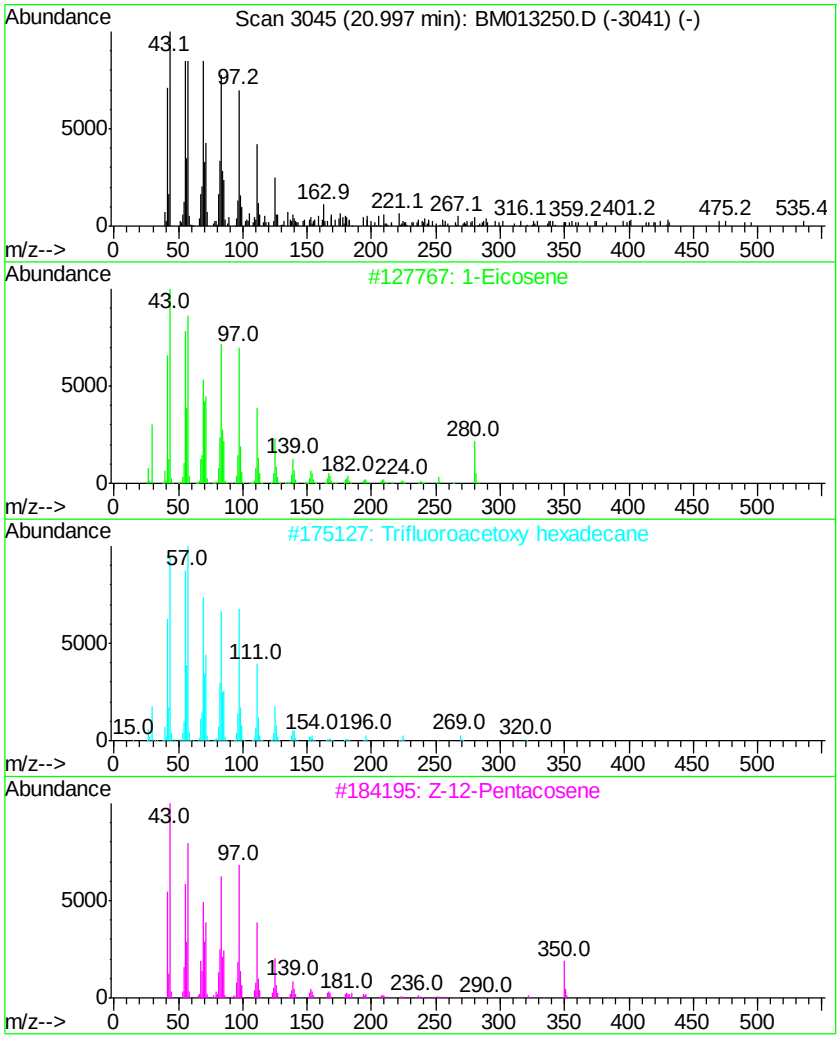
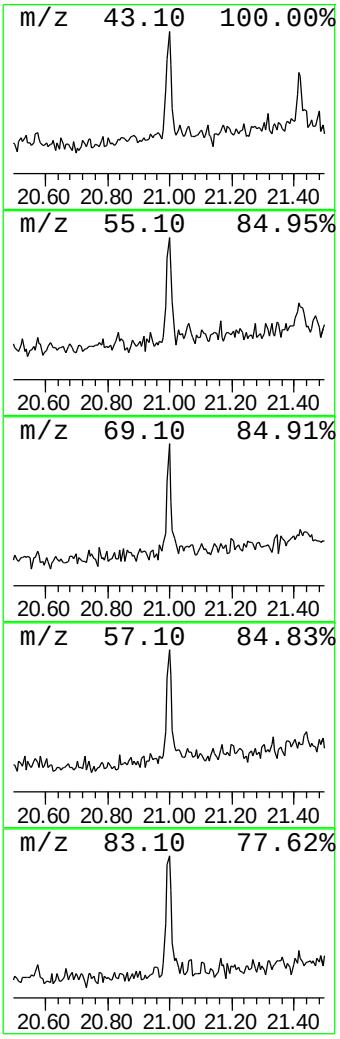
Peak Number 6 (DEL) Alkane: Cyclic21.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.28 ng/ul	265652	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Z-12-Pentacosene	350	C25H50	1000131-09-4	93
4	5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	90





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
(1R)-2,6,6-Trimet...	6.39	4.1	ng/ul	291650	1	7.70	1410960	20.0
.beta.-Pinene	7.14	5.2	ng/ul	367169	1	7.70	1410960	20.0
n-Hexadecanoic acid	17.99	3.9	ng/ul	455106	4	17.09	2327410	20.0
3,5-di-tert-Butyl...	18.90	2.5	ng/ul	294919	4	17.09	2327410	20.0
Octadecanoic acid	19.27	2.4	ng/ul	282627	5	21.28	2333320	20.0
(DEL) Alkane: Cyc...	21.00	2.3	ng/ul	265652	5	21.28	2333320	20.0