LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012273.D
Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

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-BM101217.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	6.751	618	623	632	rVB	108476	168561	1.48%	0.241%
2	6.957	653	658	671	rVB2	426599	892406	7.83%	1.274%
3	7.116	674	685	694	rBV	297268	573613	5.03%	0.819%
4	7.316	713	719	732	rVB	505809	871046	7.64%	1.244%
5	7.734	785	790	794	rBV	120816	158218	1.39%	0.226%
6	7.786	794	799	806	rVV	490873	787298	6.91%	1.124%
7	8.422	901	907	912	rBV4	77605	169219	1.48%	0.242%
8	8.504	915	921	933	rVB	404841	794599	6.97%	1.134%
9	8.875	979	984	991	rVB	459440	747906	6.56%	1.068%
10	8.957	991	998	1006	rBV3	382789	732135	6.42%	1.045%
11	9.116	1020	1025	1034	rVB5	82528	184918	1.62%	0.264%
12	9.404	1069	1074	1082	rBV	533709	818342	7.18%	1.168%
13	9.669	1108	1119	1128	rBV4	353580	904833	7.94%	1.292%
14	9.769	1128	1136	1141	rVV4	93052	246300	2.16%	0.352%
15	9.828	1141	1146	1156	rVB2	114557	304074	2.67%	0.434%
16	9.975	1165	1171	1178	rBV2	400599	732409	6.43%	1.046%
17	10.045	1178	1183	1190	rVV	130291	215849	1.89%	0.308%
18	10.157	1194	1202	1207	rBV2	129431	240632	2.11%	0.344%
19	10.222	1207	1213	1218	rVV	448166	900740	7.90%	1.286%
20	10.275	1218	1222	1230	rVB	299704	515252	4.52%	0.736%
21	10.586	1266	1275	1278	rBV	764031	1438937	12.62%	2.054%
22	10.733	1294	1300	1305	rBV2	309310	597557	5.24%	0.853%
23	10.786	1305	1309	1317	rVB	243044	415473	3.64%	0.593%
24	11.492	1421	1429	1435	rVB	93213	175621	1.54%	0.251%
25	11.910	1495	1500	1506	rBV	122413	197968	1.74%	0.283%
26	12.410	1577	1585	1592	rBV2	63985	222067	1.95%	0.317%
27	13.027	1685	1690	1697	rVB3	117642	192378	1.69%	0.275%
28	13.757	1808	1814	1819	rVB7	72994	148456	1.30%	0.212%
29	13.845	1824	1829	1833	rVV	1101493	1525906	13.39%	2.178%
30	13.892	1833	1837	1843	rVB	500679	723411	6.35%	1.033%
31	14.133	1872	1878	1888	rBV	1146554	1848211	16.21%	2.639%
32	14.251	1894	1898	1903	rVB2	123852	175185	1.54%	0.250%
33	14.339	1904	1913	1916	rBV9	50280	140720	1.23%	0.201%
34	14.439	1924	1930	1936	rVB2	1347941	2074599	18.20%	2.962%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5664-14
Misc :
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Instrument : BNA_M
ClientSampleId : C0B77

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-BM101217.M
Title : SVOA CALIBRATION

35	14.674	1961	1970	1977	rBV3	205130	507662	4.45%	0.725%
36	15.210	2057	2061	2065	rBV3	150705	250986	2.20%	0.358%
37	15.251	2065	2068	2074	rVB	166809	250375	2.20%	0.357%
38	15.433	2093	2099	2104	rBV	1585152	2256733	19.80%	3.222%
39	15.580	2121	2124	2131	rBV3	111716	170817	1.50%	0.244%
40	15.674	2136	2140	2146	rVB	235803	393780	3.45%	0.562%
41	15.798	2158	2161	2165	rVB	120833	135911	1.19%	0.194%
42	16.151	2215	2221	2226	rBV	765570	1216042	10.67%	1.736%
43	16.974	2356	2361	2365	rBV	1016858	1507044	13.22%	2.152%
44	17.186	2392	2397	2402	rBV2	2544447	3671347	32.21%	5.241%
45	17.286	2410	2414	2421	rVB2	2236616	3190127	27.99%	4.554%
46	18.068	2544	2547	2551	rBV2	867345	1054249	9.25%	1.505%
47	19.292	2751	2755	2760	rBV	2794688	3646007	31.98%	5.205%
48	19.586	2801	2805	2809	rBV	2430733	3292589	28.88%	4.701%
49	20.497	2957	2960	2965	rVB	2817514	3304150	28.99%	4.717%
50	21.239	3083	3086	3087	rBV	3145584	3121972	27.39%	4.457%
51	21.268	3087	3091	3099	rVB	7863051	11399126	100.00%	16.274%
52	21.374	3106	3109	3113	rVB	2989531	3647809	32.00%	5.208%
53	22.980	3379	3382	3389	rVB2	1835447	2830736	24.83%	4.041%
54	23.680	3497	3501	3508	rVB2	1563037	2877615	25.24%	4.108%
55	26.326	3949	3951	3953	rBV	516406	485777	4.26%	0.694%

Sum of corrected areas: 70045693

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Misc :
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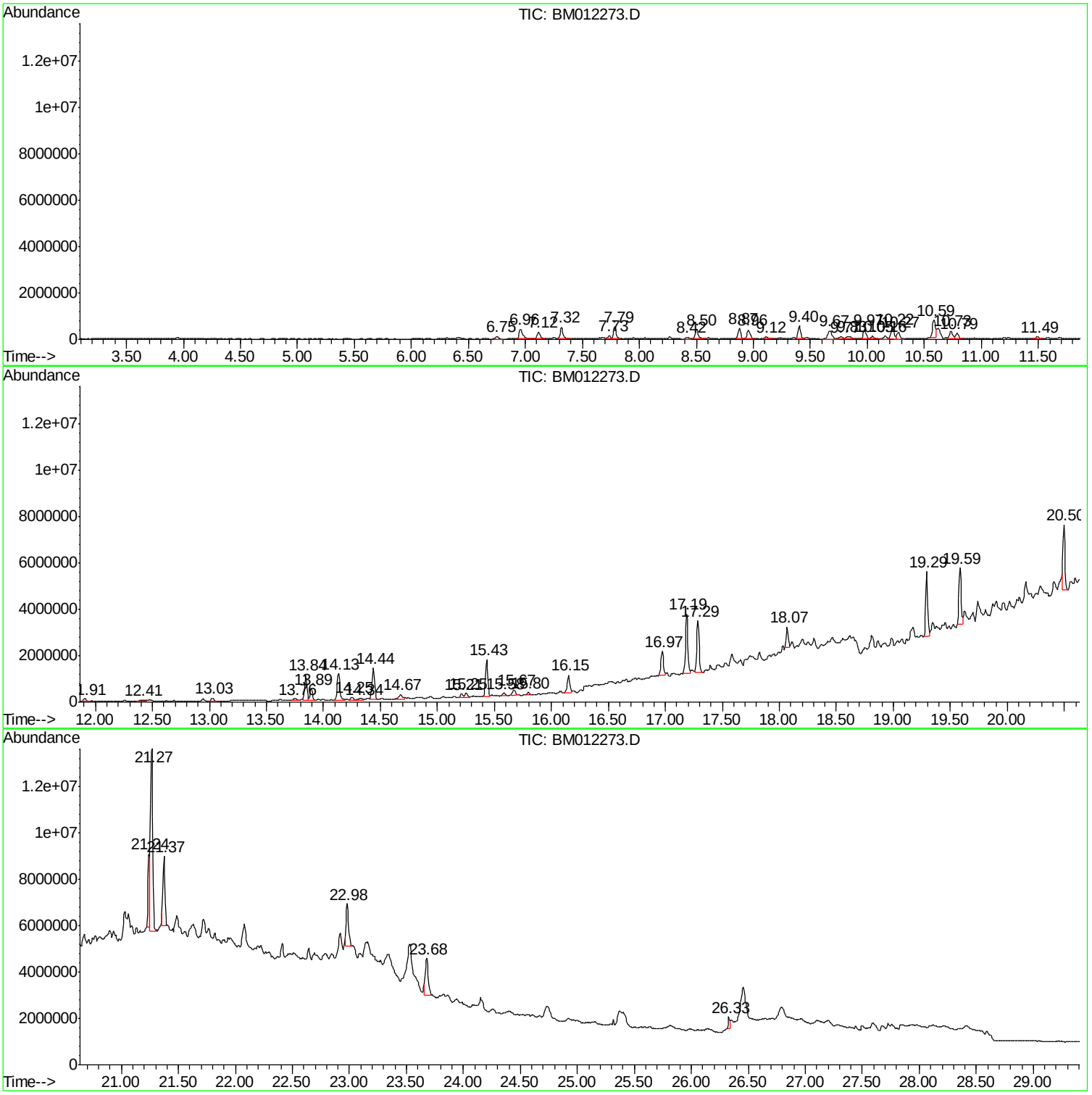
Instrument :
BNA_M
ClientSampleId :
C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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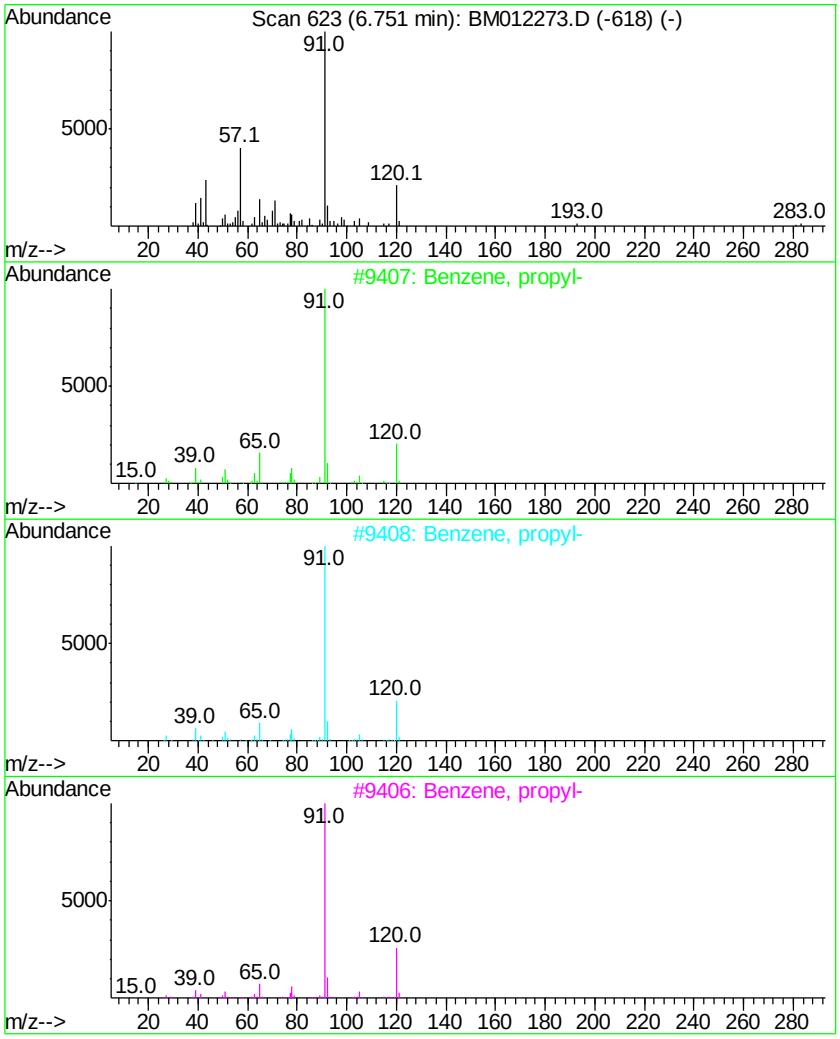
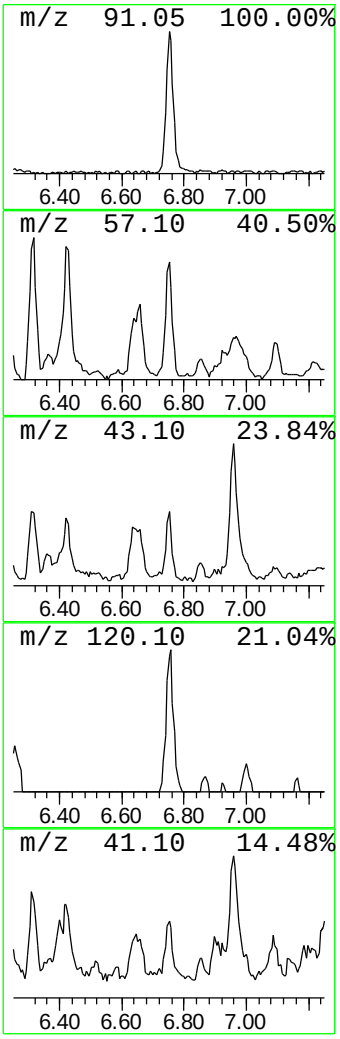
****

Peak Number 1 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	4.28 ng/ul	168561	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	64
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Benzene, propyl-	120	C9H12	000103-65-1	52
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	2,6-Lutidine-4-[benzyloxy]-3,5-d...	281	C14H13Cl2NO	1000252-12-5	38





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Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

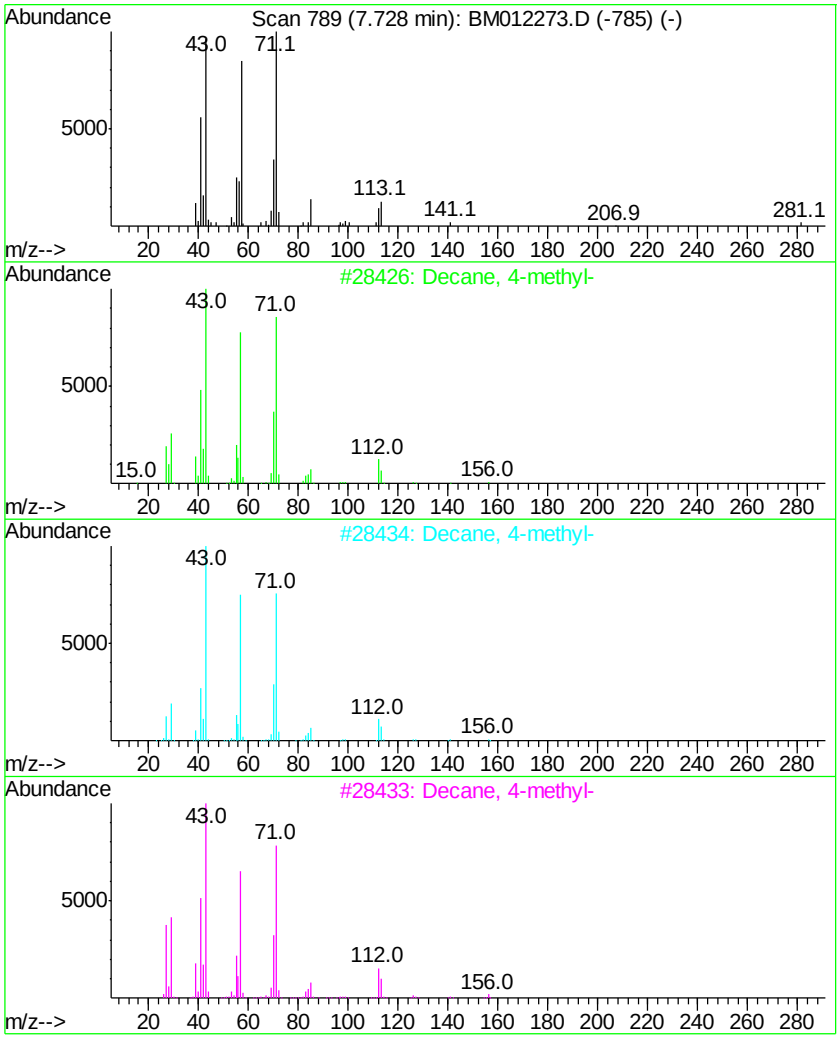
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

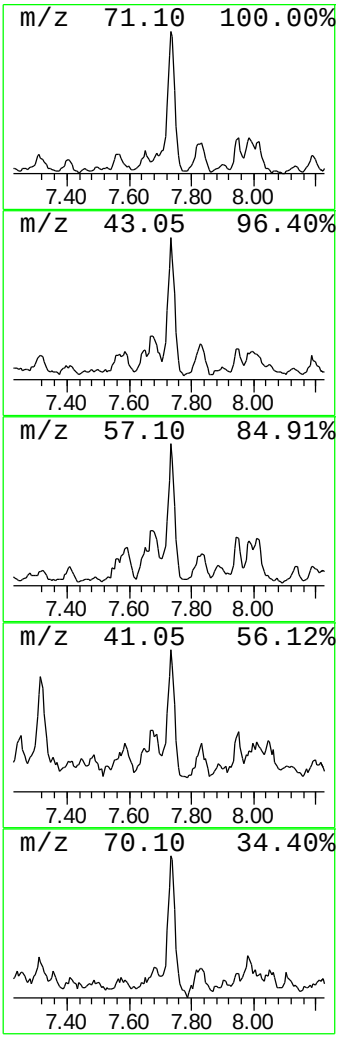
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.02 ng/ul	158218	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Decane, 4-methyl-	156	C11H24	002847-72-5	81
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72





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Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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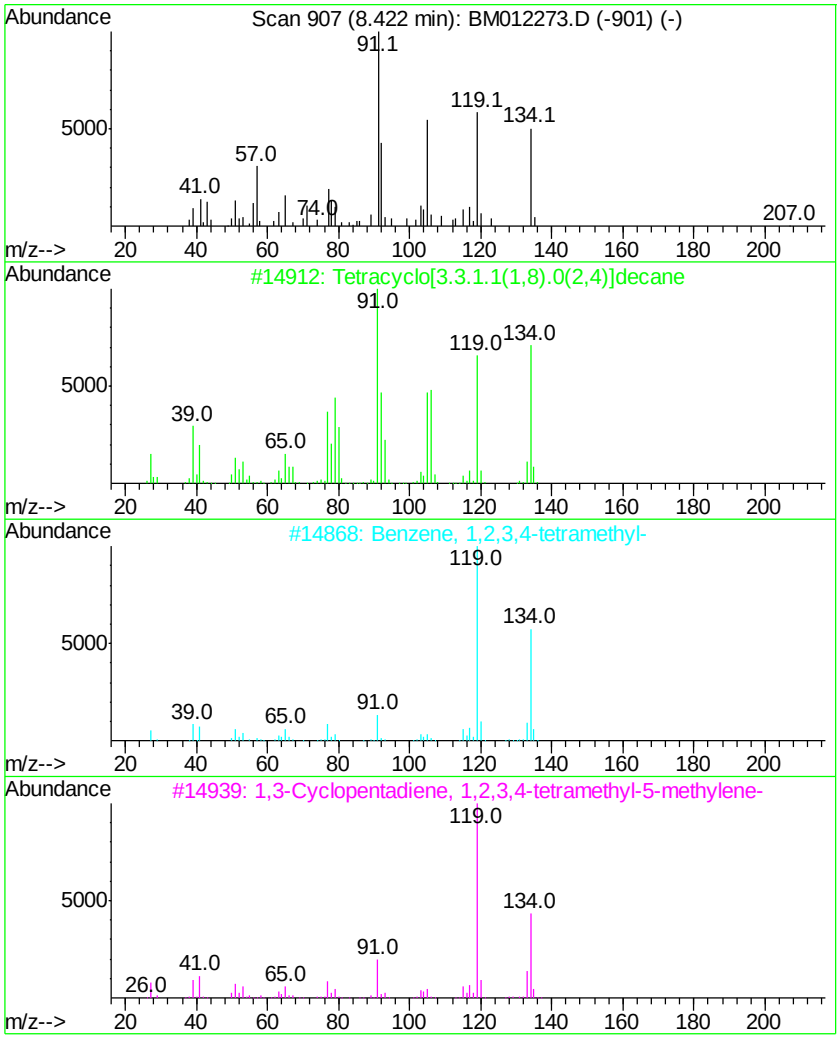
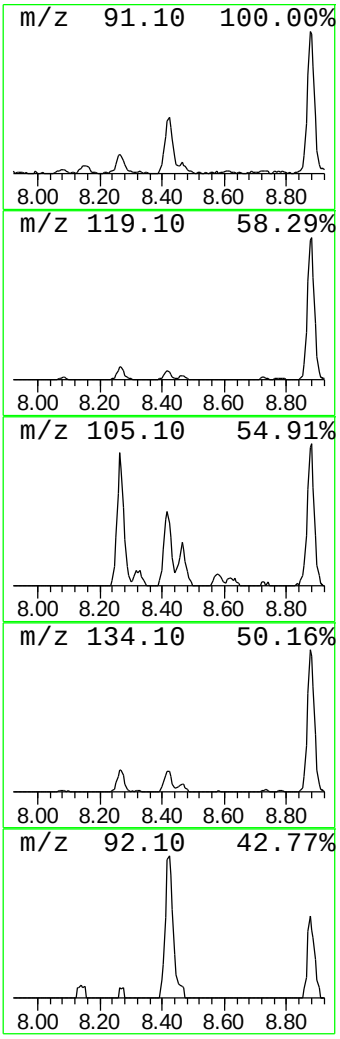
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetracyclo[3.3.1.1(1,8).0(2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	4.30 ng/ul	169219	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	68
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	68
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





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Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

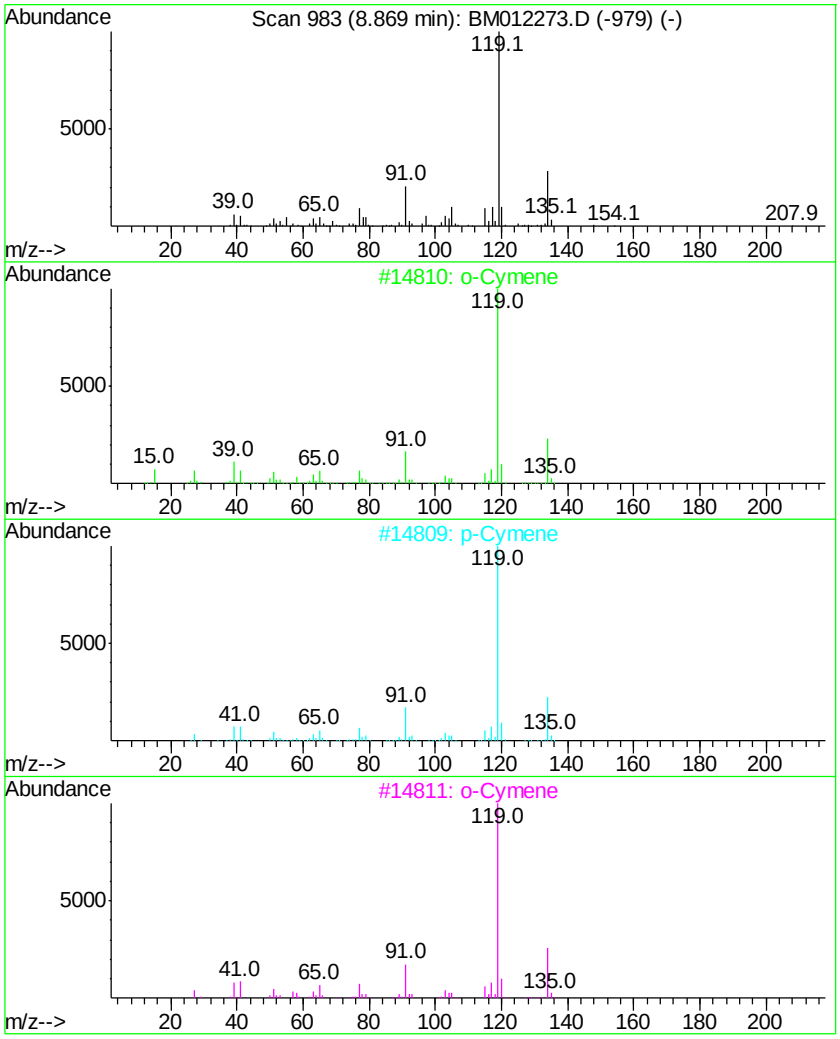
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

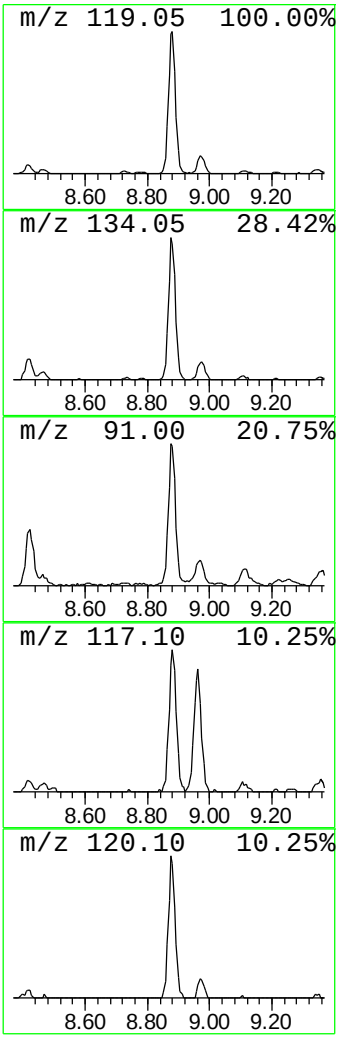
****

Peak Number 4 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	19.00 ng/ul	747906	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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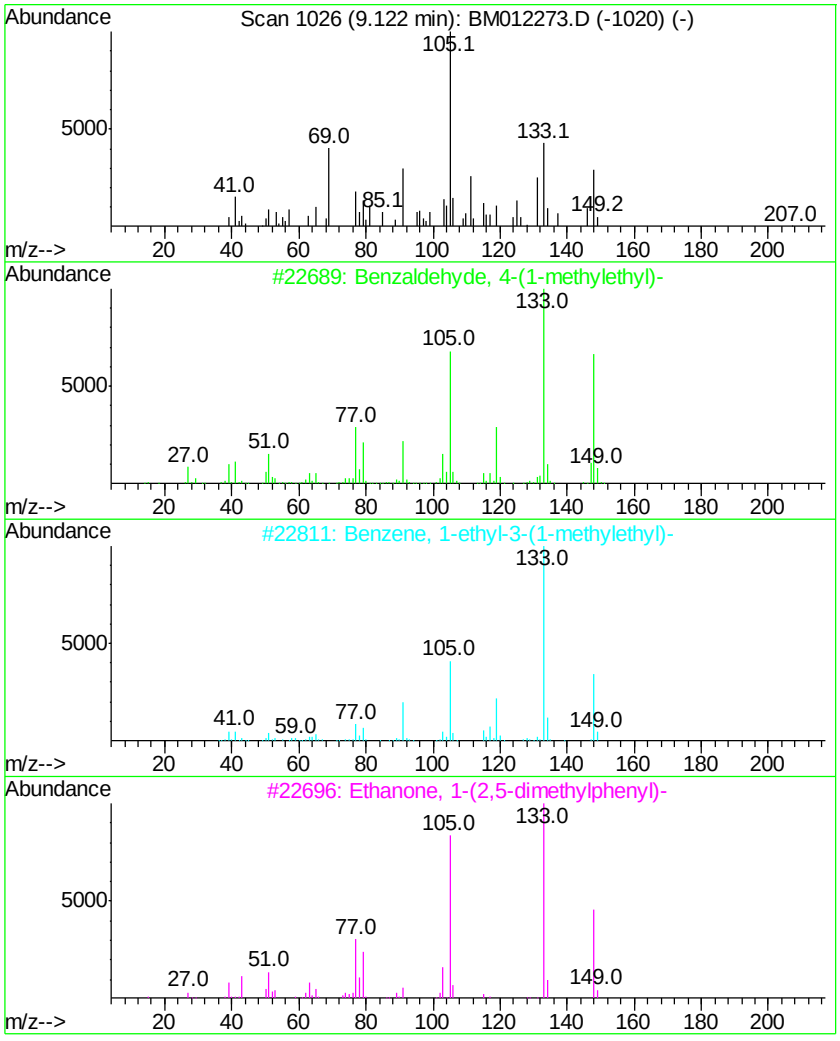
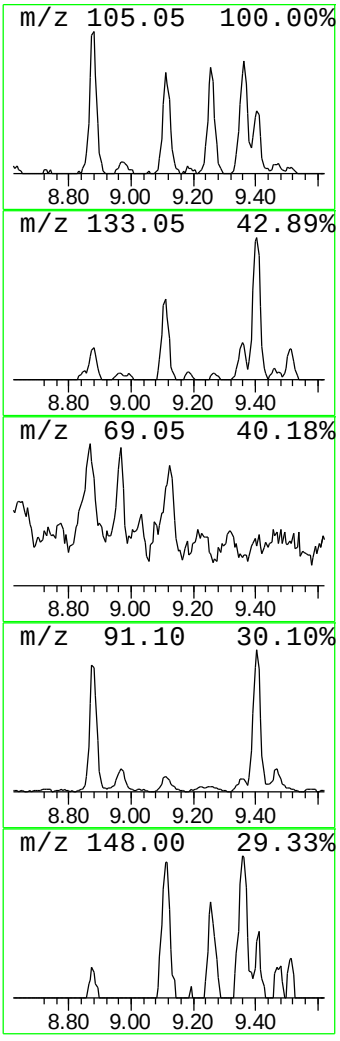
****

Peak Number 5 Benzaldehyde, 4-(1-methylet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	4.70 ng/ul	184918	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	76
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	76
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	70
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	68
5	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	58





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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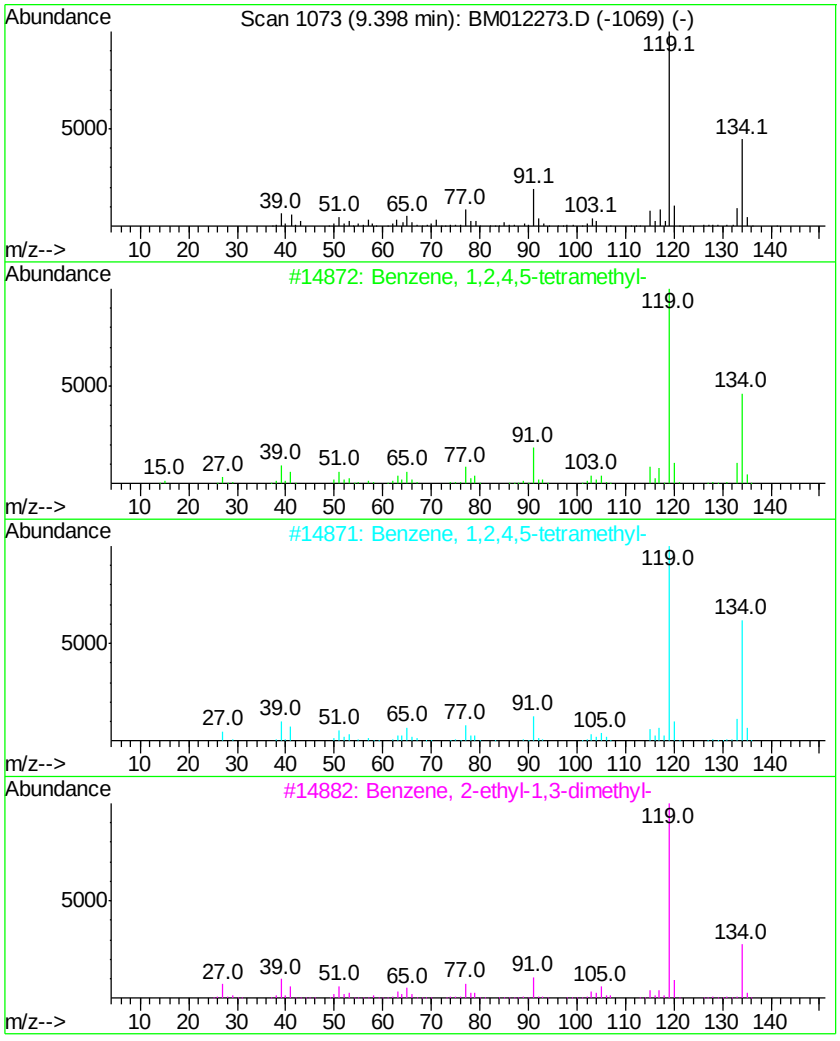
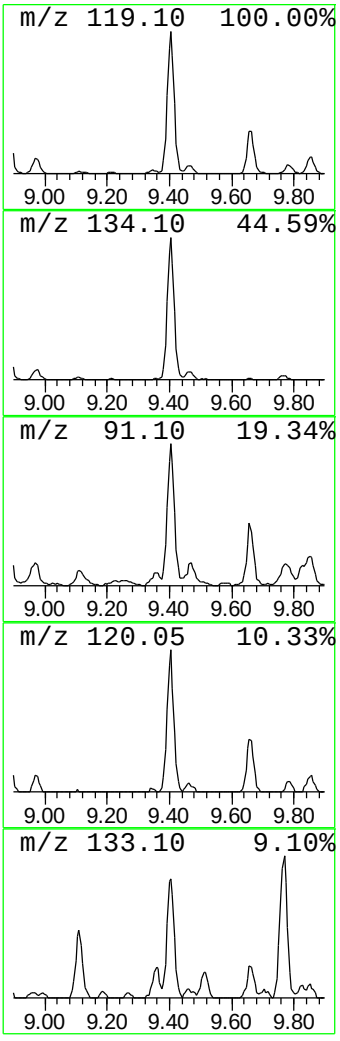
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	11.37 ng/ul	818342	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Quant Title : SVOA CALIBRATION

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

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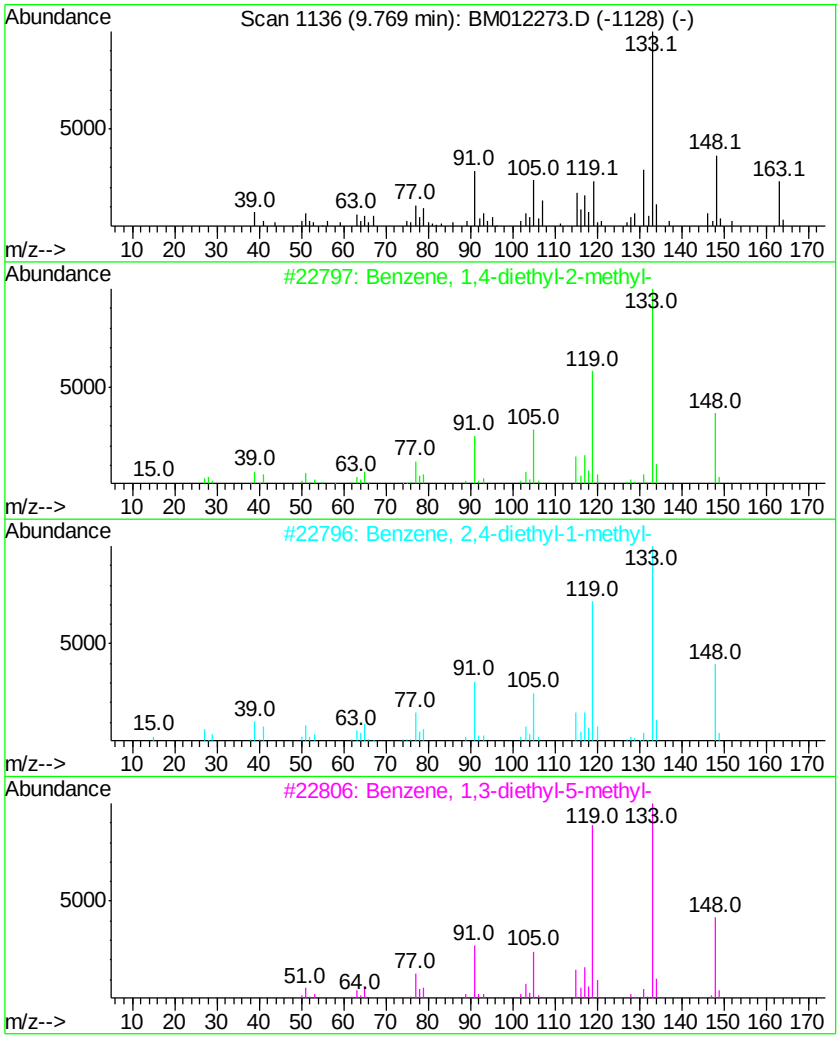
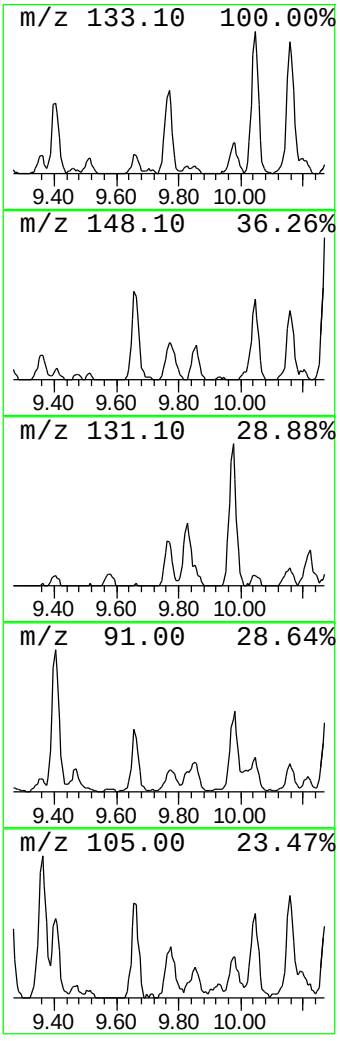
Peak Number 7 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.42 ng/ul	246300	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	86
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	76
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64





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Misc :
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Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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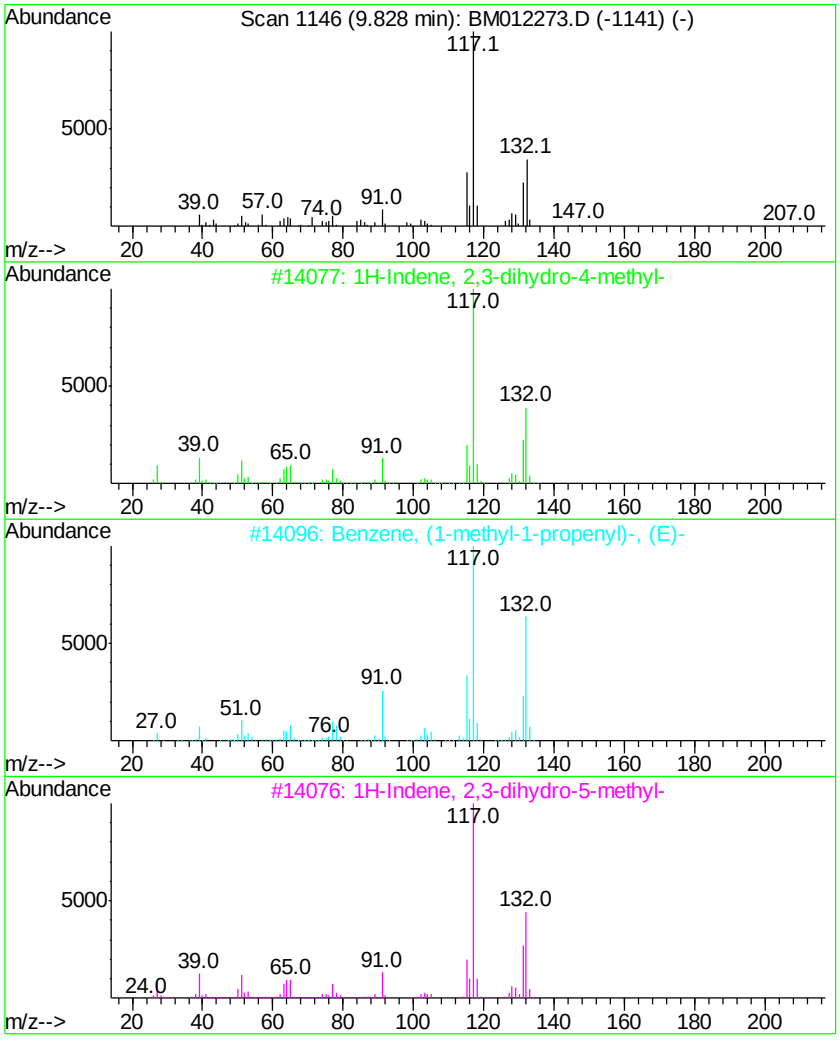
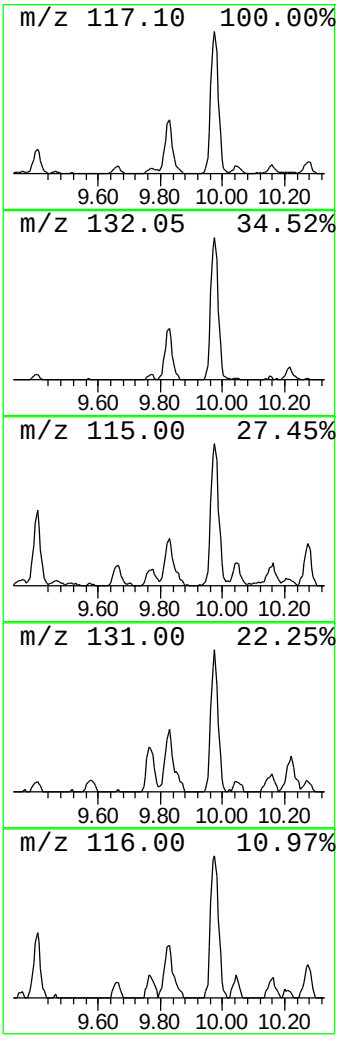
****

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.23 ng/ul	304074	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	80





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Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

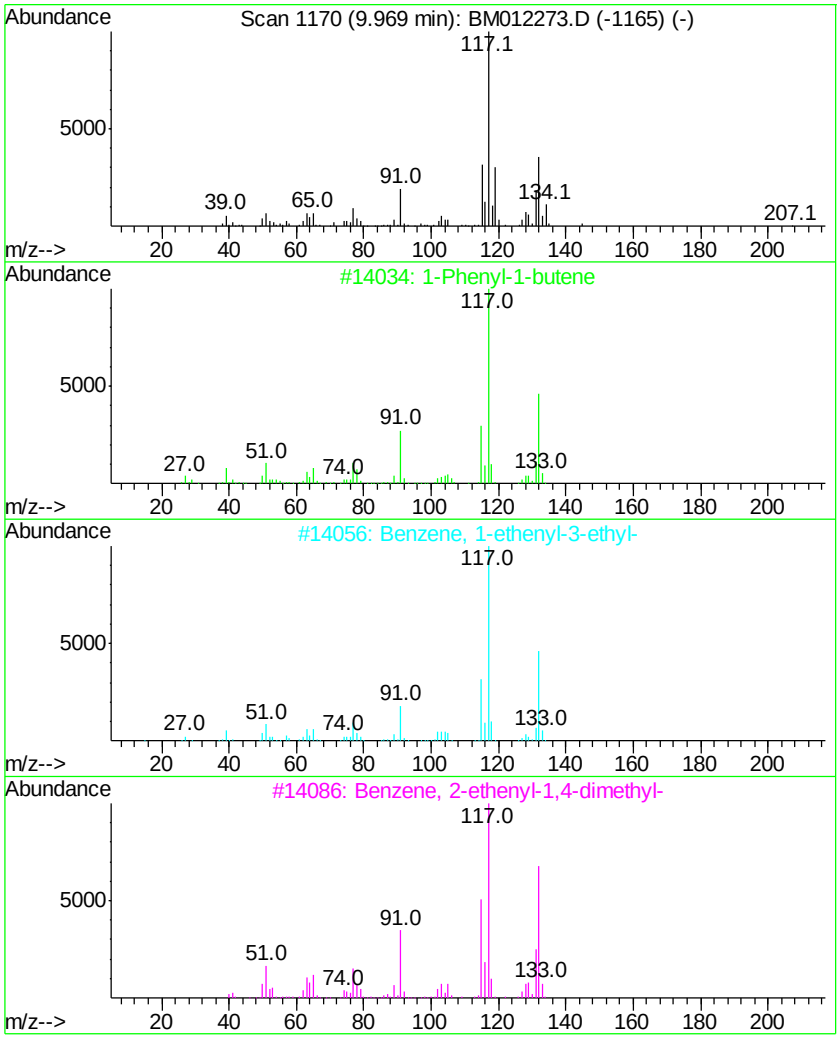
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

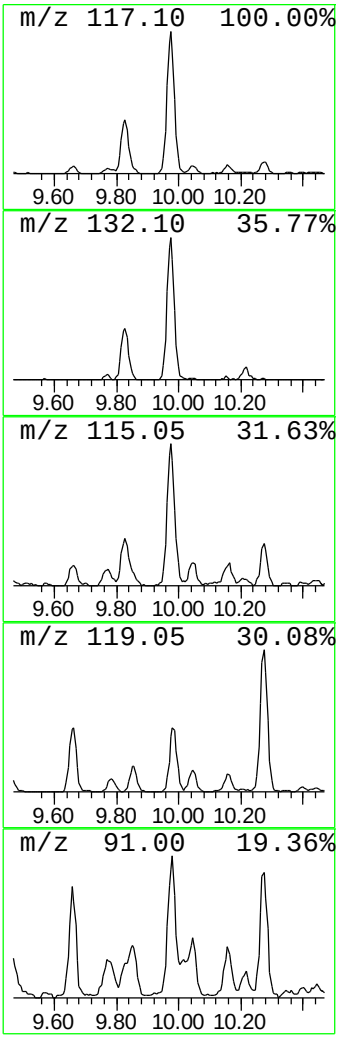
****

Peak Number 9 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	10.18 ng/ul	732409	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

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Quant Title : SVOA CALIBRATION

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

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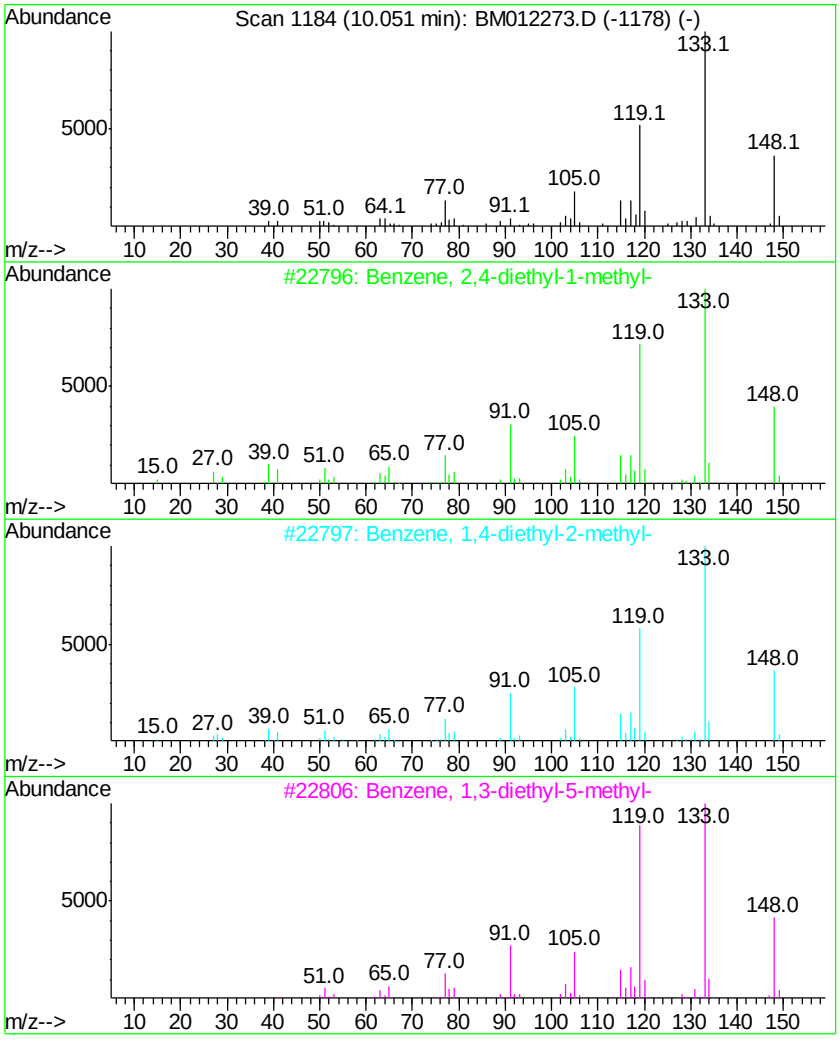
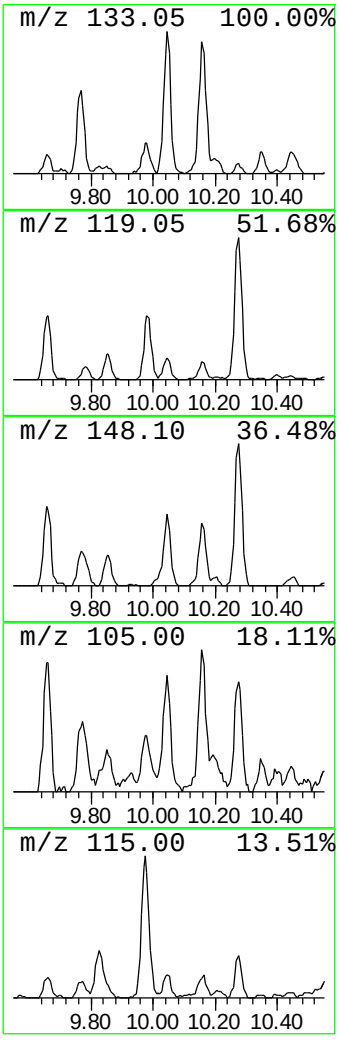
Peak Number 10 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.00 ng/ul	215849	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	97
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	96
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	74
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	74





Library Search Compound Report

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Sample : I5664-14
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ClientSampleId : C0B77

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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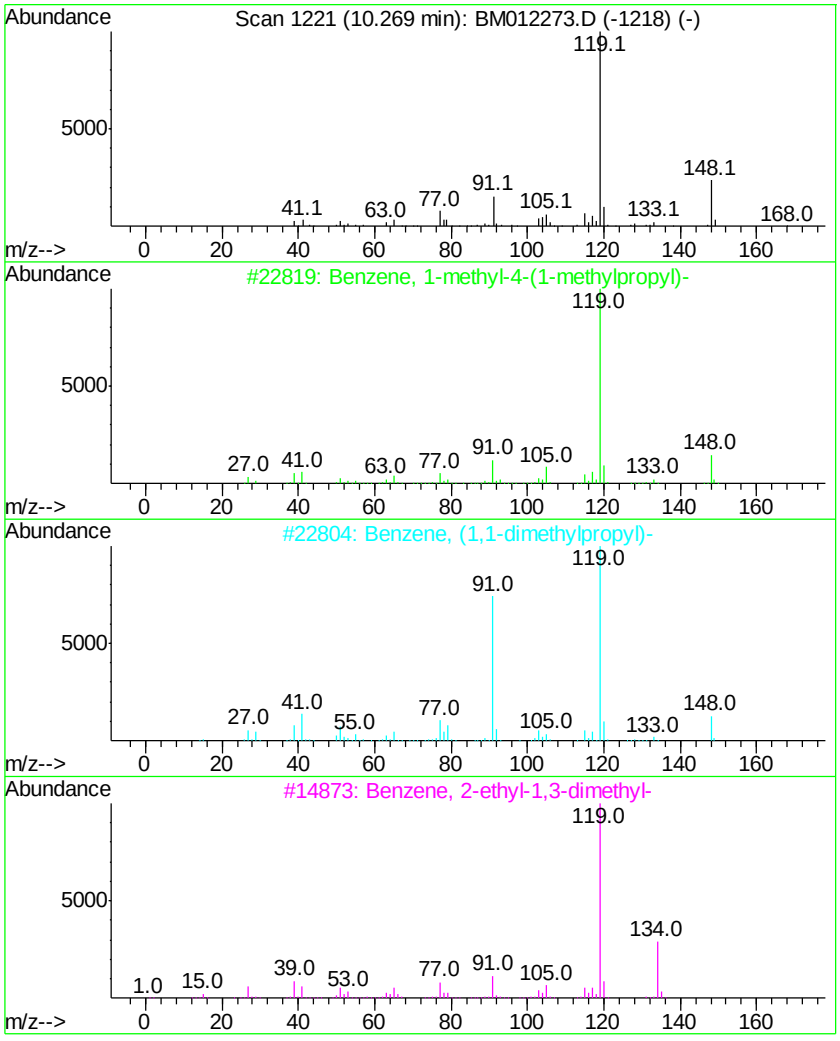
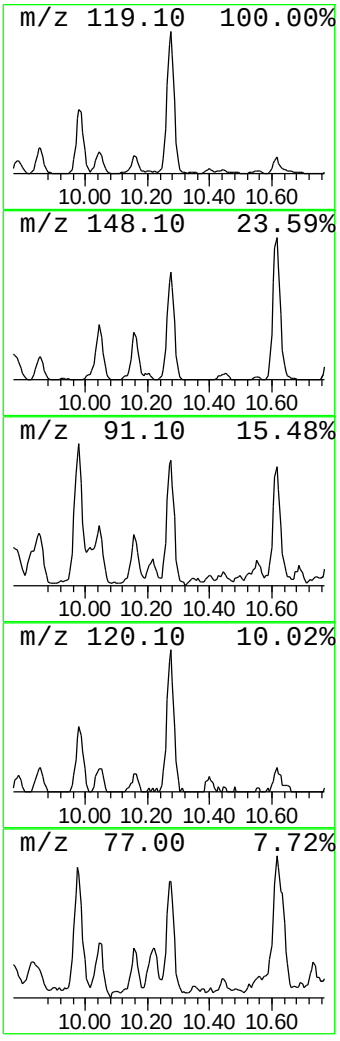
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	7.16 ng/ul	515252	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Library Search Compound Report

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Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

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Quant Title : SVOA CALIBRATION

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

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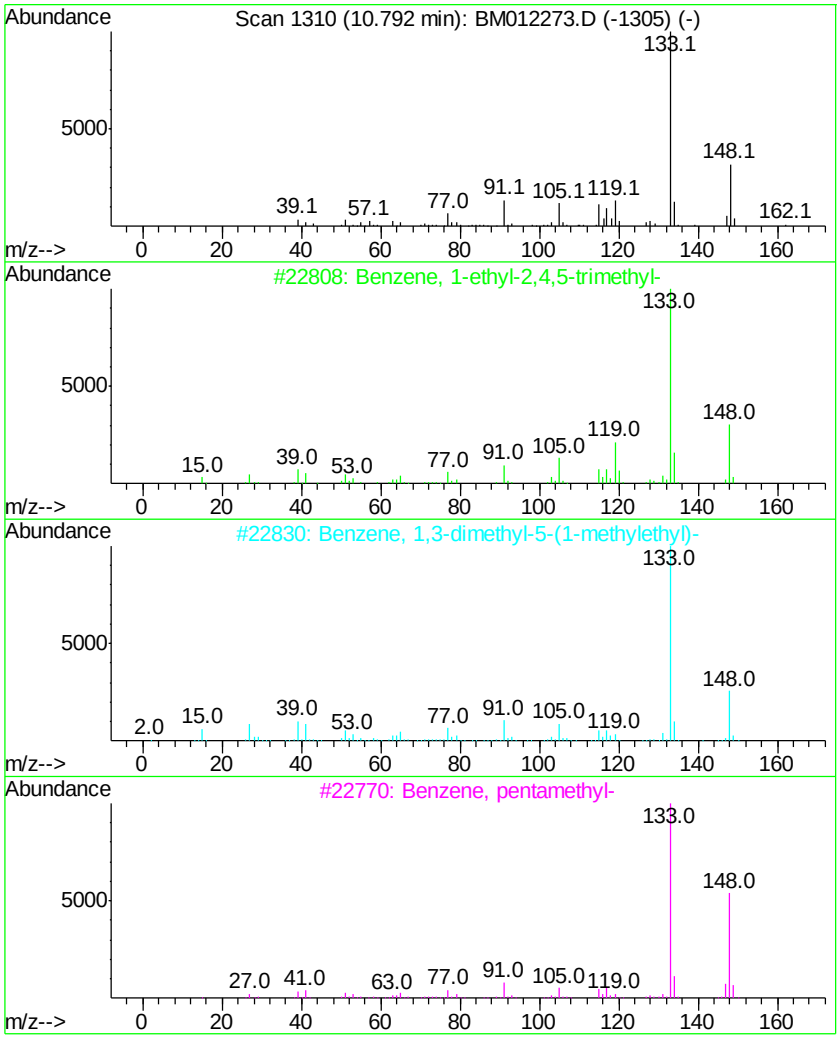
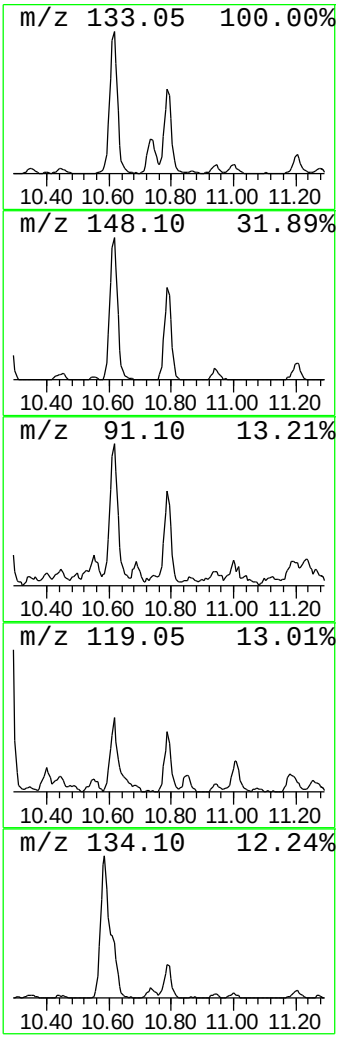
Peak Number 13 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	5.77 ng/ul	415473	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	93
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

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Quant Title : SVOA CALIBRATION

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

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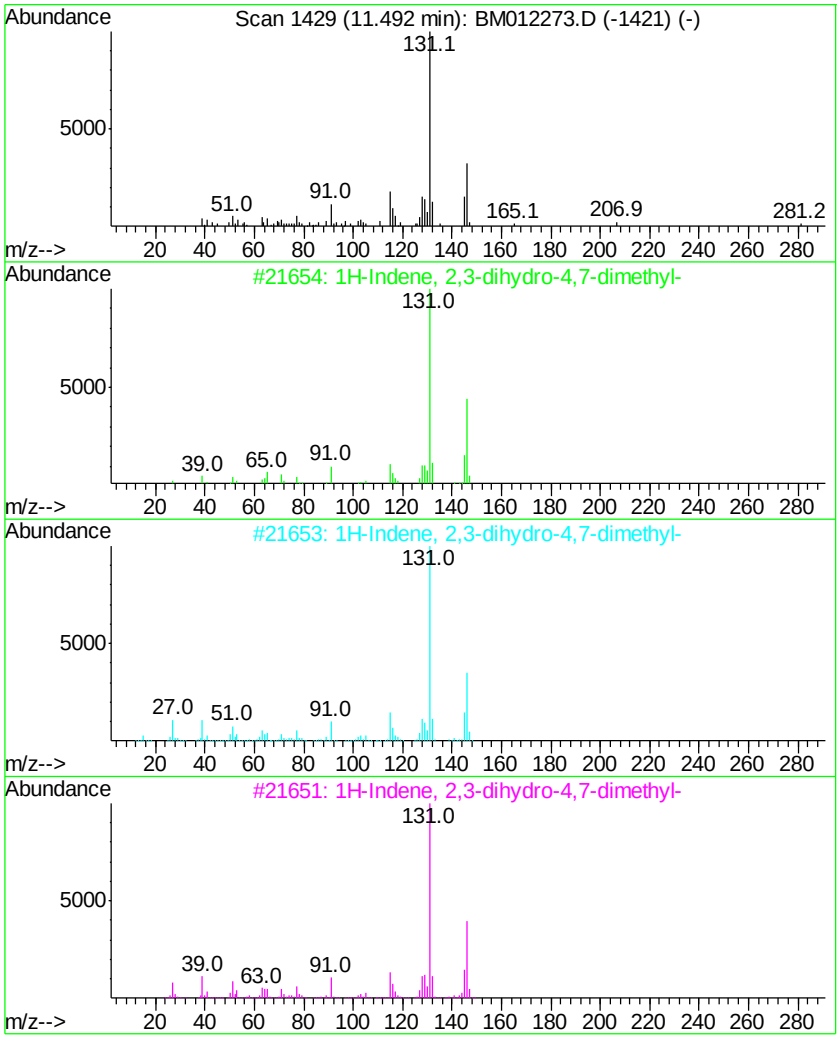
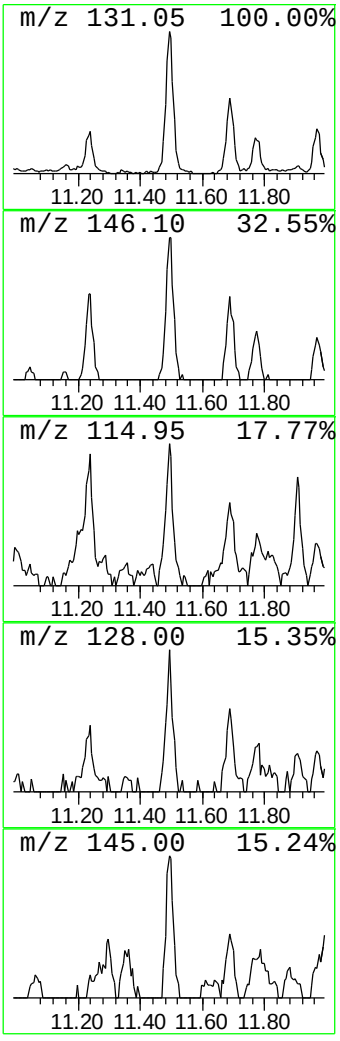
Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.44 ng/ul	175621	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





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Quant Title : SVOA CALIBRATION

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

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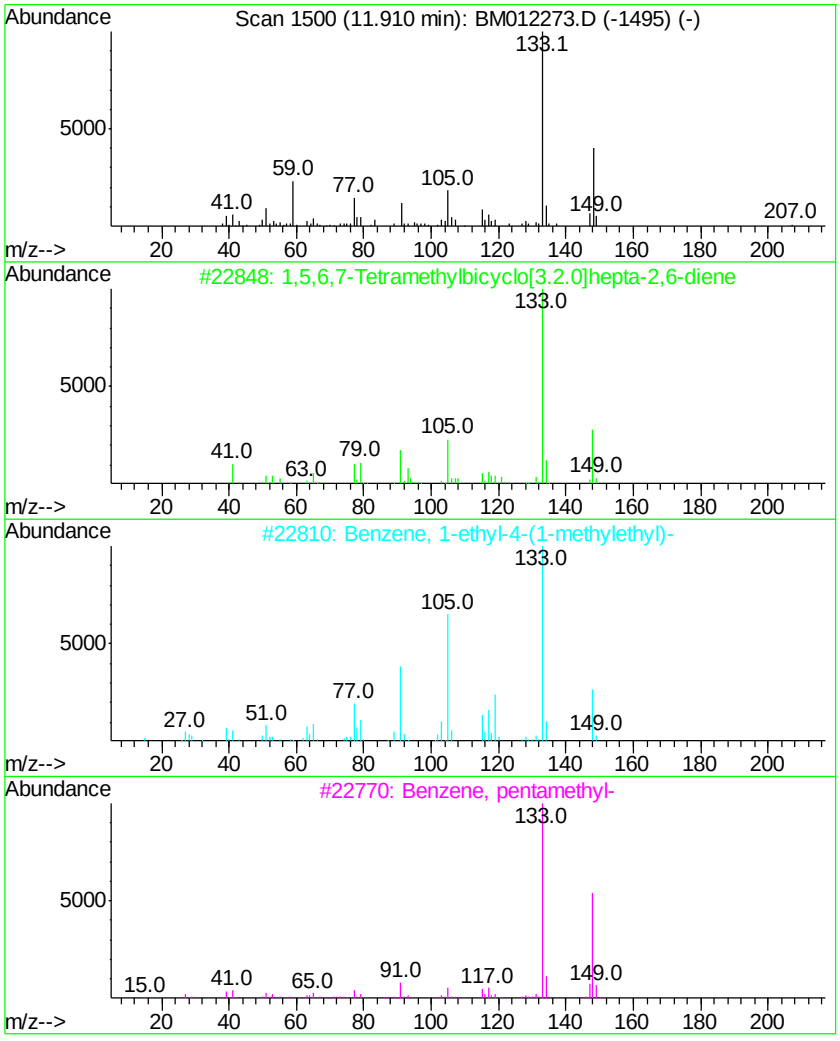
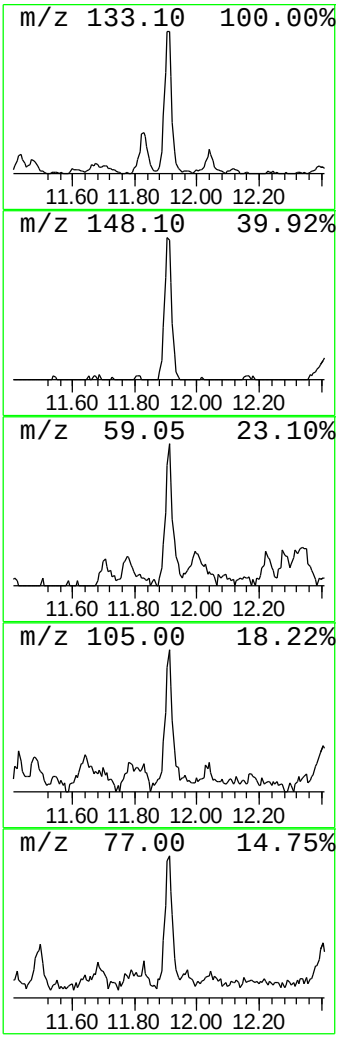
Peak Number 15 1,5,6,7-Tetramethylbicyclo[... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.75 ng/ul	197968	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	81
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	81





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Quant Title : SVOA CALIBRATION

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

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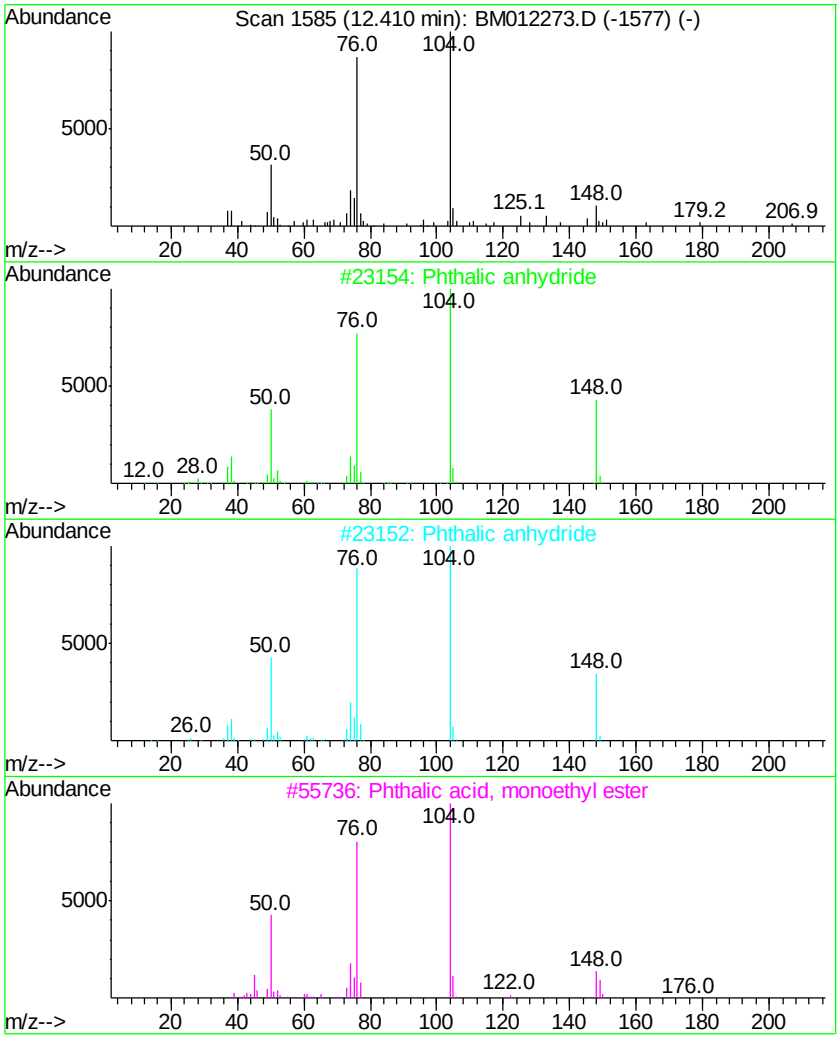
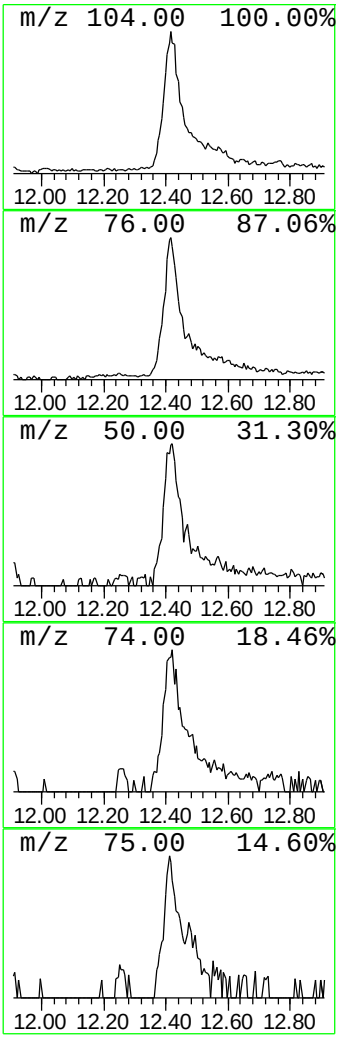
Peak Number 16 Phthalic anhydride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	3.09 ng/ul	222067	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2	Phthalic anhydride	148	C8H4O3	000085-44-9	91
3	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4	Ninhydrin	178	C9H6O4	000485-47-2	90
5	Phthalamic acid	165	C8H7NO3	000088-97-1	83





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ClientSampleId : C0B77

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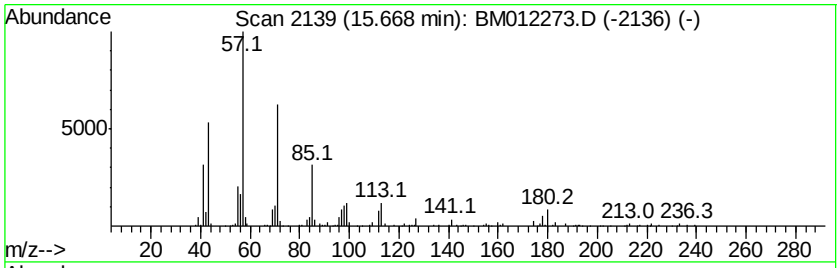
Quant Title : SVOA CALIBRATION

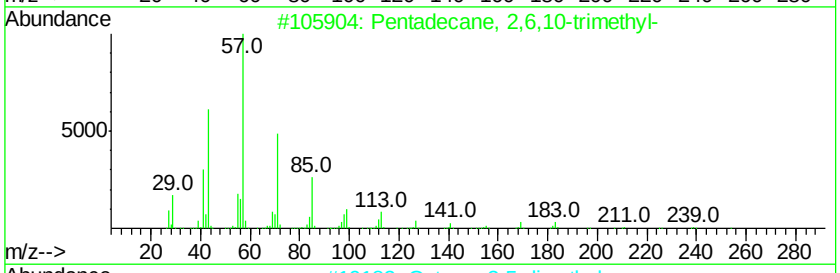
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

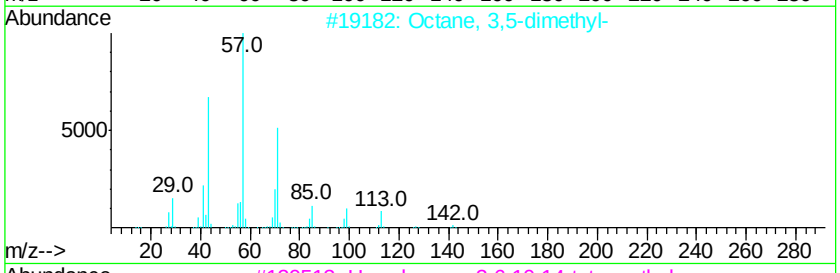
****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

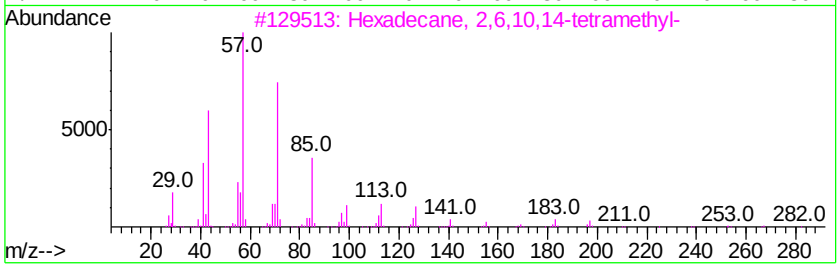
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.80 ng/ul	393780	Acenaphthene-d10	14.44

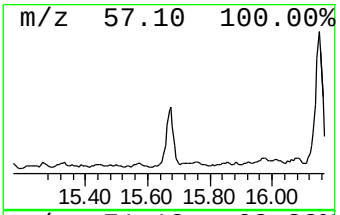
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4	Decane, 2-methyl-	156	C11H24	006975-98-0	74
5	Heptacosane	380	C27H56	000593-49-7	72

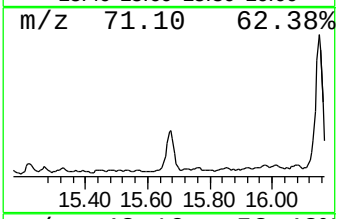


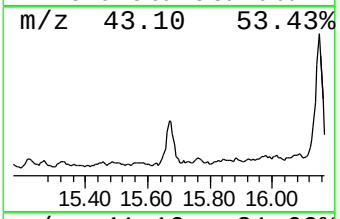


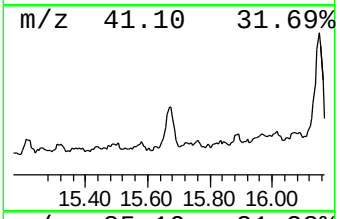


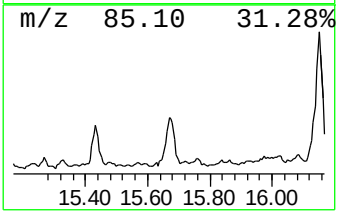












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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
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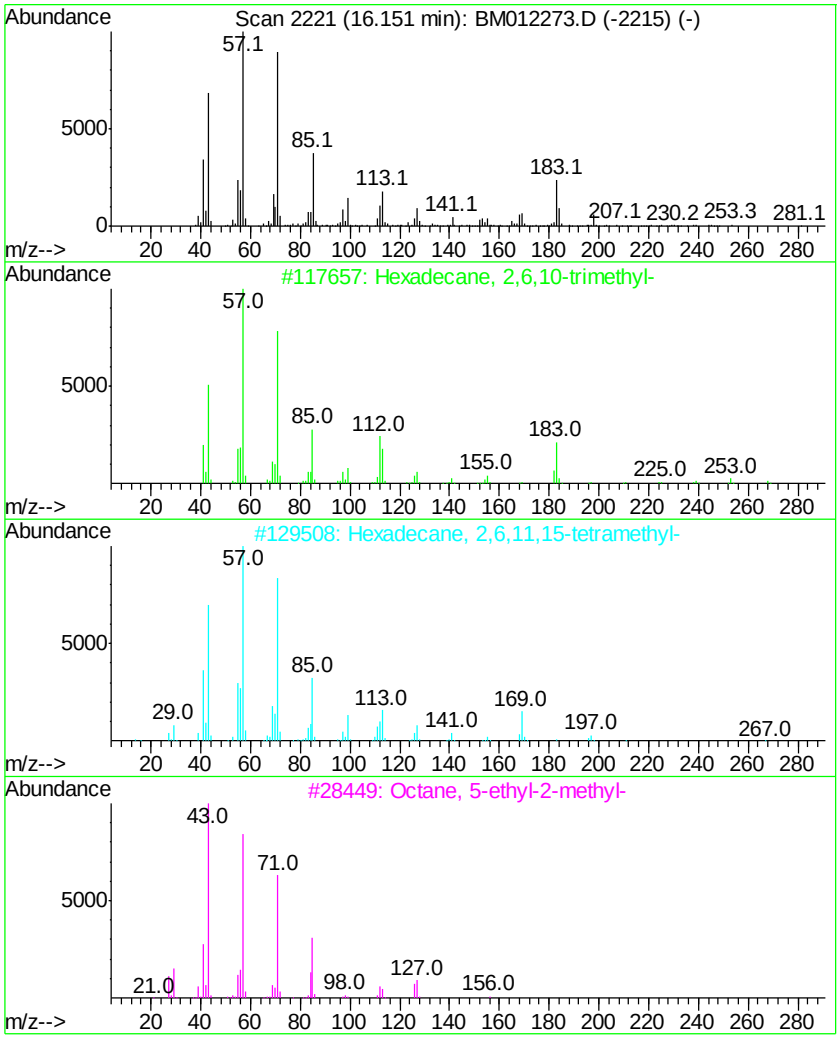
Quant Title : SVOA CALIBRATION

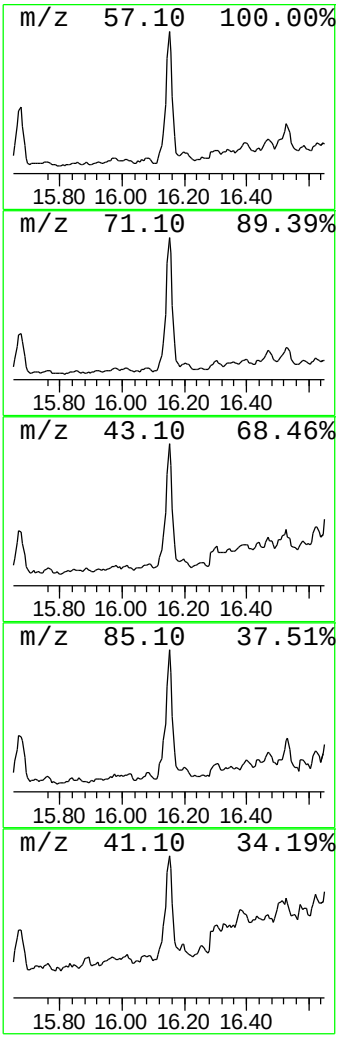
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	6.62 ng/ul	1216040	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	58





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Misc :
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Quant Title : SVOA CALIBRATION

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

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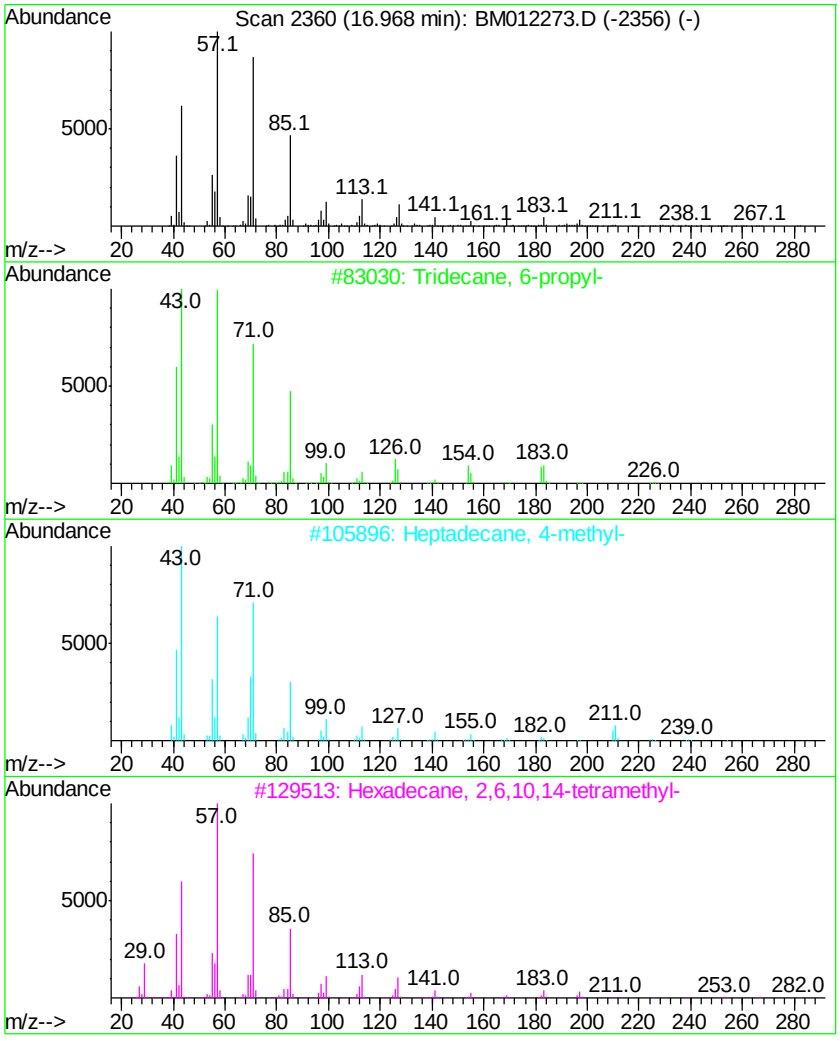
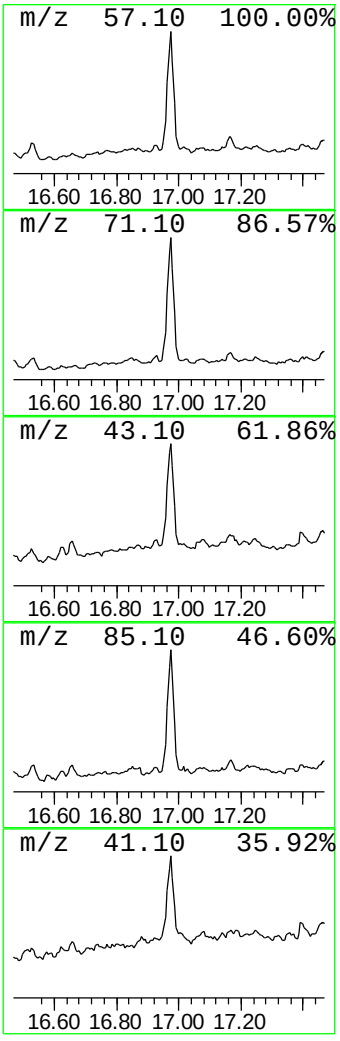
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	8.21 ng/ul	1507040	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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Data File : BM012273.D
Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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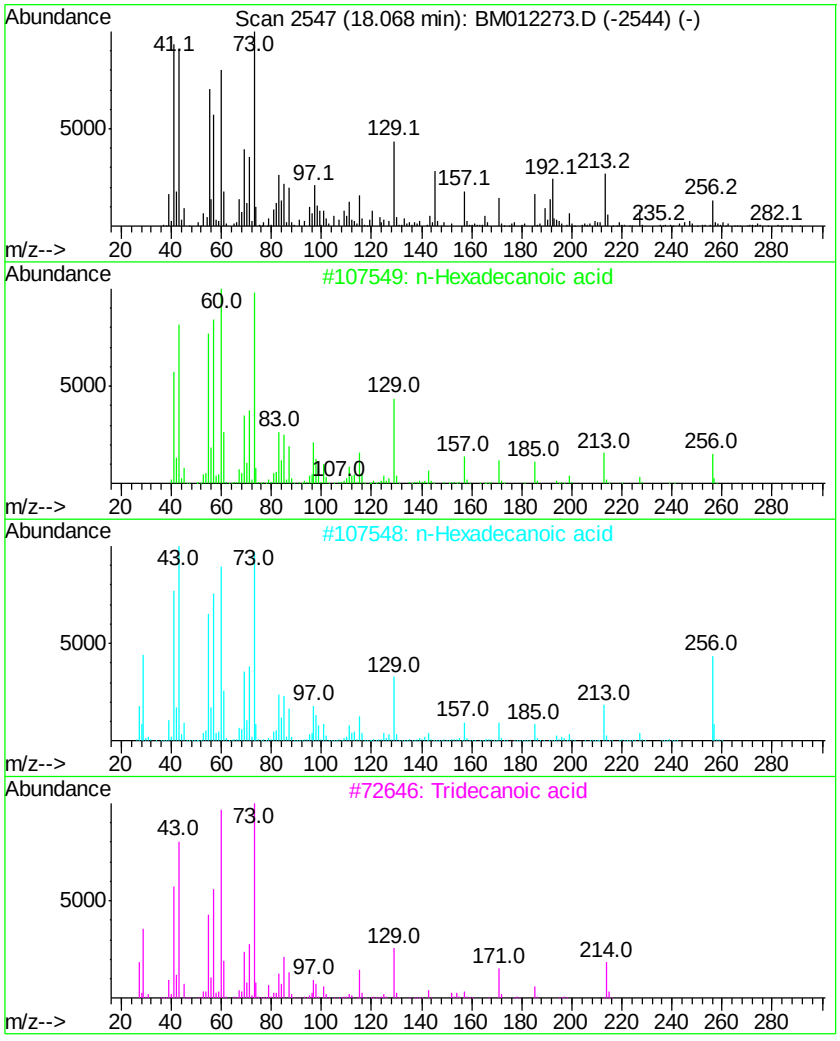
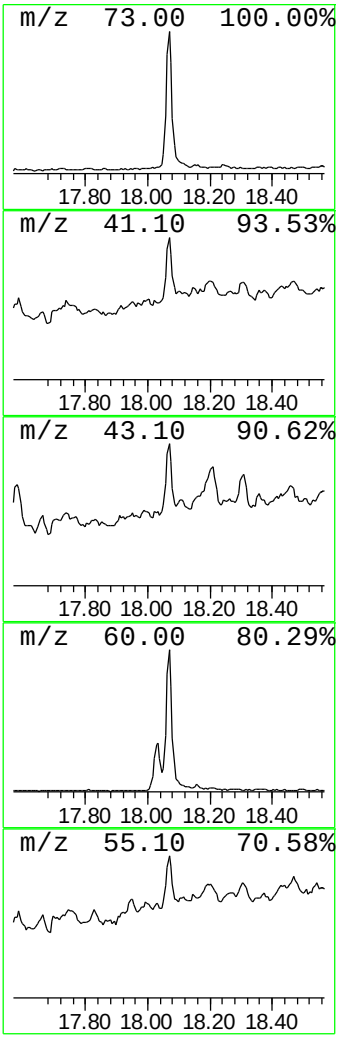
Peak Number 20 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.74 ng/ul	1054250	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
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TIC Integration Parameters: LSCINT.P

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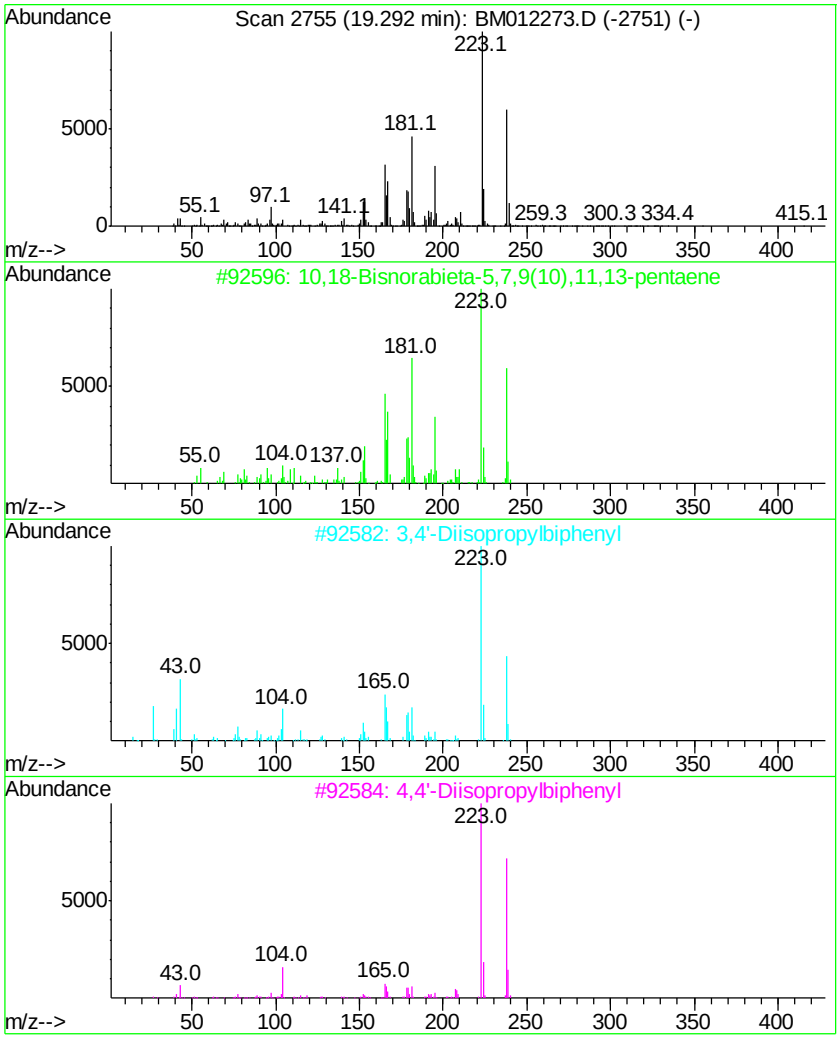
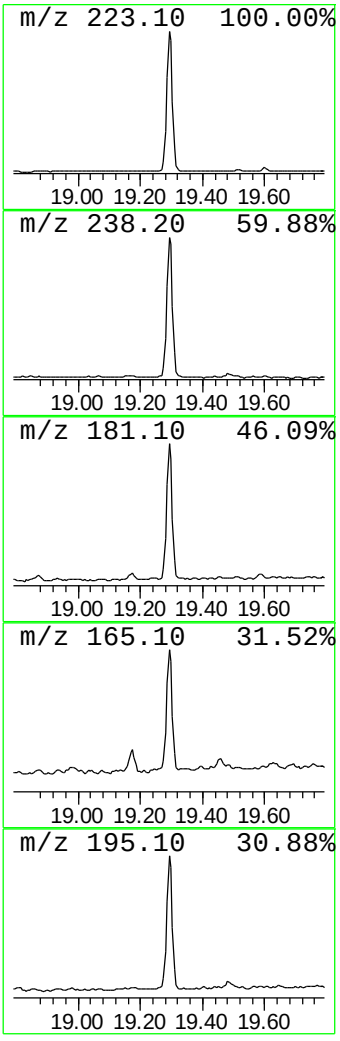
Peak Number 21 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	19.99 ng/ul	3646010	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	89
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5	Benzene, 1,1'-(1,2-ethynediyl)bi...	238	C16H14O2	002132-62-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012273.D
Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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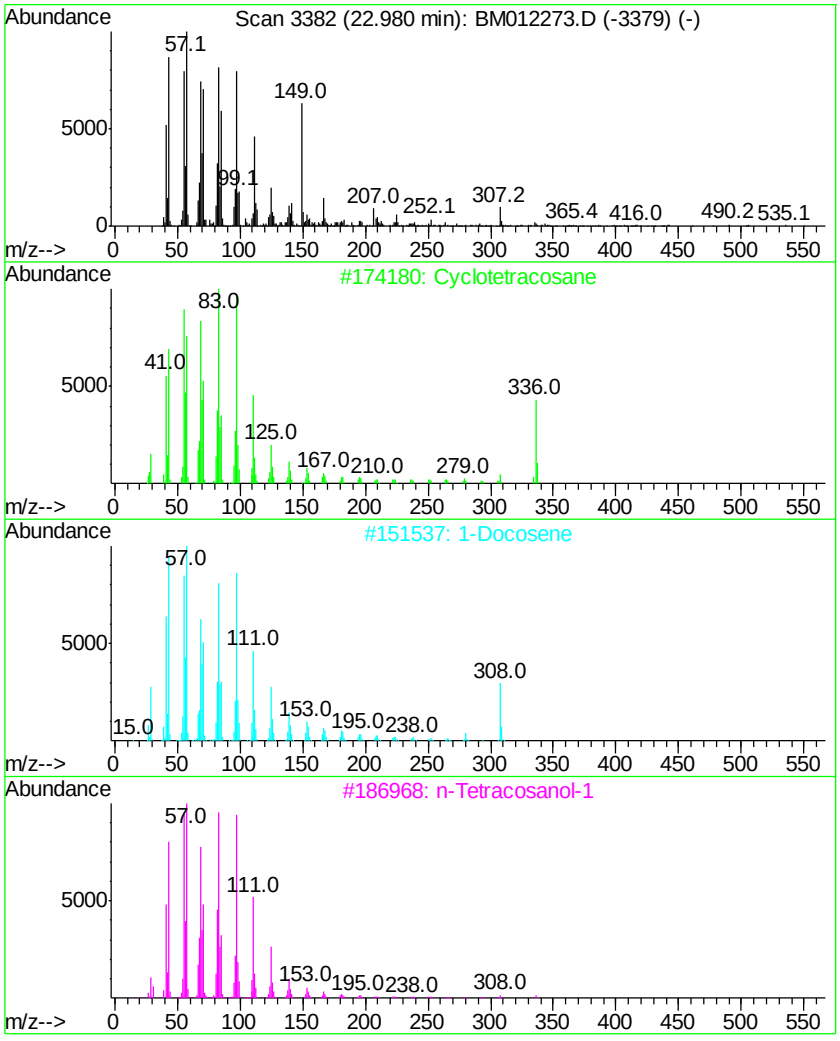
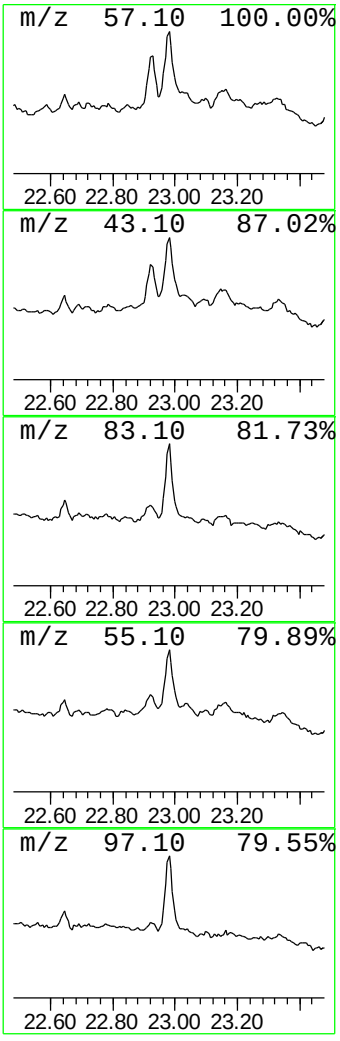
Peak Number 22 (DEL) Alkane: Cyclic22.98 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	19.67 ng/ul	2830740	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Docosene	308	C22H44	001599-67-3	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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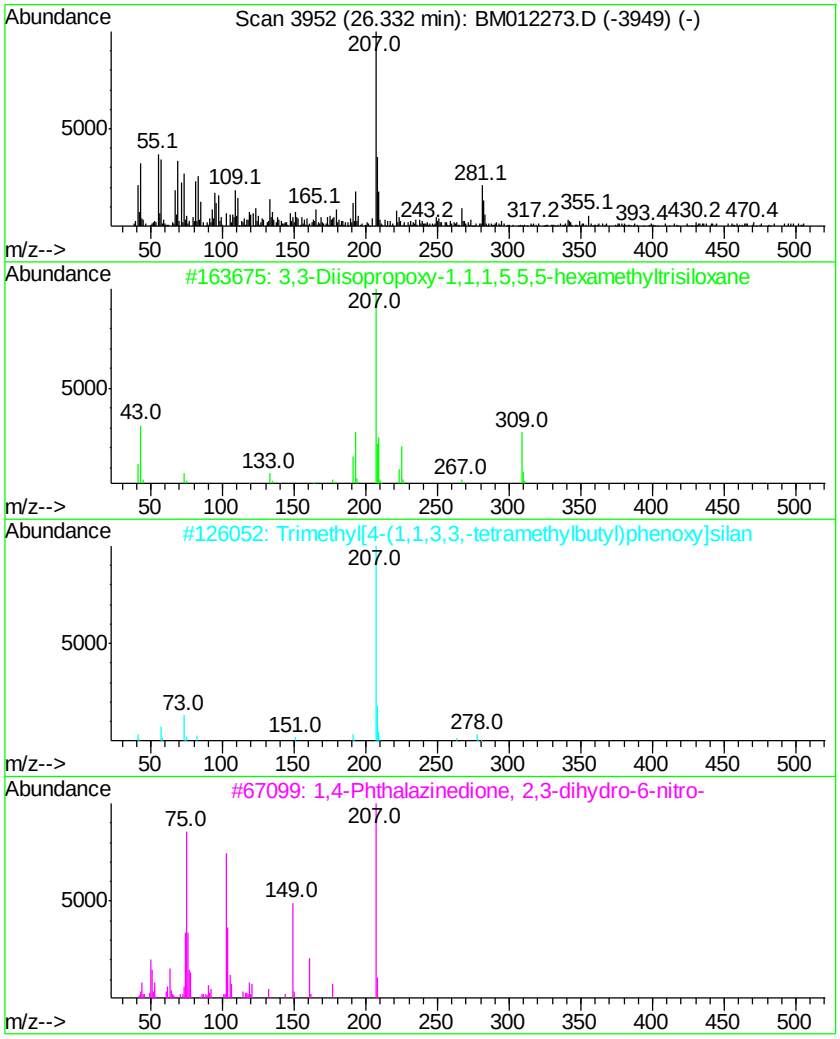
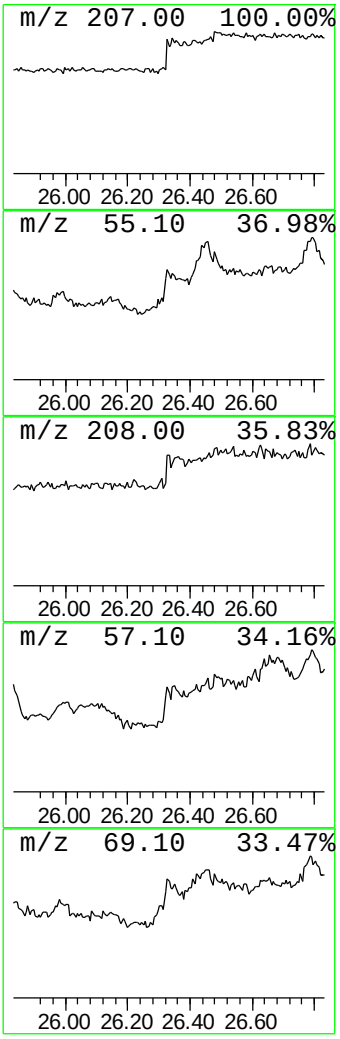
Peak Number 23 3,3-Diisopropoxy-1,1,1,5,5,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	3.38 ng/ul	485777	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Diisopropoxy-1,1,1,5,5,5-hex...	324	C12H32O4Si3	018082-56-9	53
2	Trimethyl[4-(1,1,3,3,-tetramethy...	278	C17H30OSi	078721-87-6	53
3	1,4-Phthalazinedione, 2,3-dihydr...	207	C8H5N3O4	003682-19-7	50
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	46
5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101717\
Data File : BM012273.D
Acq On : 18 Oct 2017 05:57
Operator : SJ/JU
Sample : I5664-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B77

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Benzene, propyl-	6.75	4.3	ng/ul	168561	1	7.79	787298	20.0
(DEL) Alkane: Str...	7.73	4.0	ng/ul	158218	1	7.79	787298	20.0
Tetracyclo[3.3.1....	8.42	4.3	ng/ul	169219	1	7.79	787298	20.0
o-Cymene	8.87	19.0	ng/ul	747906	1	7.79	787298	20.0
Benzaldehyde, 4-(...	9.12	4.7	ng/ul	184918	1	7.79	787298	20.0
Benzene, 1,2,4,5-...	9.40	11.4	ng/ul	818342	2	10.59	1438940	20.0
Benzene, 1,4-diet...	9.77	3.4	ng/ul	246300	2	10.59	1438940	20.0
1H-Indene, 2,3-di...	9.83	4.2	ng/ul	304074	2	10.59	1438940	20.0
1-Phenyl-1-butene	9.97	10.2	ng/ul	732409	2	10.59	1438940	20.0
Benzene, 2,4-diet...	10.05	3.0	ng/ul	215849	2	10.59	1438940	20.0
Benzene, 1-methyl...	10.27	7.2	ng/ul	515252	2	10.59	1438940	20.0
Benzene, 1-ethyl-...	10.79	5.8	ng/ul	415473	2	10.59	1438940	20.0
1H-Indene, 2,3-di...	11.49	2.4	ng/ul	175621	2	10.59	1438940	20.0
1,5,6,7-Tetrameth...	11.91	2.8	ng/ul	197968	2	10.59	1438940	20.0
Phthalic anhydride	12.41	3.1	ng/ul	222067	2	10.59	1438940	20.0
(DEL) Alkane: Str...	15.67	3.8	ng/ul	393780	3	14.44	2074600	20.0
(DEL) Alkane: Str...	16.15	6.6	ng/ul	1216040	4	17.19	3671350	20.0
(DEL) Alkane: Str...	16.97	8.2	ng/ul	1507040	4	17.19	3671350	20.0
n-Hexadecanoic acid	18.07	5.7	ng/ul	1054250	4	17.19	3671350	20.0
10,18-Bisnorabiet...	19.29	20.0	ng/ul	3646010	5	21.37	3647810	20.0
(DEL) Alkane: Cyc...	22.98	19.7	ng/ul	2830740	6	23.68	2877620	20.0
3,3-Diisopropoxy-...	26.33	3.4	ng/ul	485777	6	23.68	2877620	20.0