LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

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-BM041918.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	6.987	618	629	638	rBV6	105729	281730	1.49%	0.115%
2	7.645	735	741	751	rBV2	608853	1147818	6.06%	0.470%
3	7.828	766	772	779	rBV	1721155	2680077	14.16%	1.096%
4	8.045	795	809	815	rBV	1837144	3129296	16.53%	1.280%
5	8.528	882	891	906	rVB	1500641	2700476	14.26%	1.105%
6	8.657	906	913	920	rBV2	258642	443802	2.34%	0.182%
7	9.075	979	984	992	rVB	172859	299859	1.58%	0.123%
8	9.163	992	999	1004	rBV	524914	917559	4.85%	0.375%
9	9.222	1004	1009	1017	rVB	1482409	2378992	12.57%	0.973%
10	9.339	1022	1029	1033	rBV	231908	384432	2.03%	0.157%
11	9.486	1048	1054	1058	rBV	328350	513801	2.71%	0.210%
12	9.539	1058	1063	1070	rVB	438163	715321	3.78%	0.293%
13	9.639	1070	1080	1086	rBV	929808	1529556	8.08%	0.626%
14	9.710	1086	1092	1101	rVB	2088526	3678185	19.43%	1.505%
15	9.892	1112	1123	1129	rBV3	388984	892693	4.72%	0.365%
16	9.981	1133	1138	1142	rVV	239694	399300	2.11%	0.163%
17	10.028	1142	1146	1157	rVB3	175226	369812	1.95%	0.151%
18	10.128	1157	1163	1166	rBV4	131411	264556	1.40%	0.108%
19	10.169	1166	1170	1176	rVV	826729	1350896	7.14%	0.553%
20	10.234	1176	1181	1187	rVB	1062006	1665951	8.80%	0.682%
21	10.434	1205	1215	1220	rBV2	2443462	4583038	24.21%	1.875%
22	10.545	1227	1234	1240	rBV2	866265	1667811	8.81%	0.682%
23	10.622	1240	1247	1255	rVB2	380918	936635	4.95%	0.383%
24	10.698	1255	1260	1262	rBV	305287	490693	2.59%	0.201%
25	10.757	1266	1270	1274	rVV	835981	1393393	7.36%	0.570%
26	10.816	1274	1280	1288	rVB2	996790	1745493	9.22%	0.714%
27	10.904	1288	1295	1297	rBV	521025	864258	4.57%	0.354%
28	10.933	1297	1300	1303	rVV	659266	1040737	5.50%	0.426%
29	10.975	1303	1307	1314	rVV	2426423	4221445	22.30%	1.727%
30	11.051	1314	1320	1327	rVB	845746	1387923	7.33%	0.568%
31	11.228	1343	1350	1356	rBV3	370499	763803	4.03%	0.312%
32	11.375	1369	1375	1380	rBV2	1871101	3486780	18.42%	1.426%
33	11.422	1380	1383	1388	rVB2	839867	1259301	6.65%	0.515%
34	11.475	1388	1392	1401	rVB3	141353	351307	1.86%	0.144%

LSC Area Percent Report

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Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

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-BM041918.M
Title : SVOA CALIBRATION

35	11.563	1401	1407	1413	rVB	286468	471120	2.49%	0.193%
36	12.016	1480	1484	1493	rVV	136267	261171	1.38%	0.107%
37	12.263	1520	1526	1535	rVB	127289	259754	1.37%	0.106%
38	12.722	1598	1604	1614	rVB	301666	528094	2.79%	0.216%
39	12.992	1645	1650	1660	rVB	1482996	2342857	12.38%	0.958%
40	13.133	1660	1674	1678	rBV4	104069	260002	1.37%	0.106%
41	13.210	1678	1687	1694	rVV2	1519810	2647403	13.98%	1.083%
42	13.974	1811	1817	1824	rVB	837230	1252809	6.62%	0.513%
43	14.169	1845	1850	1860	rVB	595310	1113473	5.88%	0.456%
44	14.298	1862	1872	1882	rVB	881729	2394691	12.65%	0.980%
45	14.451	1891	1898	1903	rBV	1686009	2976582	15.72%	1.218%
46	14.521	1903	1910	1914	rVV	4334797	7083426	37.42%	2.898%
47	14.563	1914	1917	1924	rVB	322500	479110	2.53%	0.196%
48	14.686	1933	1938	1942	rBV	606545	940247	4.97%	0.385%
49	14.721	1942	1944	1950	rVB	319278	376202	1.99%	0.154%
50	14.827	1955	1962	1975	rBV	4885056	8193156	43.28%	3.352%
51	15.086	2001	2006	2009	rBV	337515	494943	2.61%	0.202%
52	15.127	2009	2013	2019	rVV2	2587630	4128321	21.81%	1.689%
53	15.198	2019	2025	2031	rVB	12563706	18872326	99.69%	7.721%
54	15.280	2031	2039	2043	rBV3	405714	685190	3.62%	0.280%
55	15.433	2055	2065	2073	rBV	549839	1041092	5.50%	0.426%
56	15.521	2073	2080	2086	rVV	8377378	12436814	65.70%	5.088%
57	15.586	2086	2091	2100	rVB3	169823	265883	1.40%	0.109%
58	15.721	2106	2114	2120	rBV2	223796	423572	2.24%	0.173%
59	15.921	2145	2148	2153	rVB3	220805	340564	1.80%	0.139%
60	16.104	2169	2179	2184	rBV2	5797286	10022442	52.94%	4.100%
61	16.163	2184	2189	2193	rVV	12778202	18279774	96.56%	7.478%
62	16.204	2193	2196	2201	rVV	1787365	2401791	12.69%	0.983%
63	16.251	2201	2204	2206	rVV	384485	523563	2.77%	0.214%
64	16.280	2206	2209	2212	rVV2	581138	932839	4.93%	0.382%
65	16.321	2212	2216	2221	rVV2	842011	1481972	7.83%	0.606%
66	16.368	2221	2224	2227	rVV	259300	381512	2.02%	0.156%
67	16.410	2227	2231	2233	rVV	519862	749612	3.96%	0.307%
68	16.445	2233	2237	2247	rVB	1085981	1575189	8.32%	0.644%
69	16.592	2255	2262	2270	rVV	1064765	2186087	11.55%	0.894%
70	16.768	2287	2292	2295	rBV	191003	271968	1.44%	0.111%
71	16.827	2295	2302	2308	rVB3	1004636	1810403	9.56%	0.741%

LSC Area Percent Report

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Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

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-BM041918.M
Title : SVOA CALIBRATION

72	16.939	2316	2321	2330	rVB	655805	931715	4.92%	0.381%
73	17.145	2345	2356	2361	rBV	526118	1056653	5.58%	0.432%
74	17.298	2376	2382	2386	rVB	239924	370635	1.96%	0.152%
75	17.457	2404	2409	2412	rBV	219166	323923	1.71%	0.133%
76	17.492	2412	2415	2421	rVB	160221	262466	1.39%	0.107%
77	17.557	2421	2426	2431	rBV2	165022	310243	1.64%	0.127%
78	17.662	2438	2444	2454	rVB	1734142	2555615	13.50%	1.046%
79	17.839	2469	2474	2478	rBV	2829350	4609162	24.35%	1.886%
80	17.886	2478	2482	2487	rVV	13501153	18930815	100.00%	7.745%
81	17.939	2487	2491	2495	rVV	5969131	8622314	45.55%	3.527%
82	17.974	2495	2497	2502	rVV	1002063	1125732	5.95%	0.461%
83	18.027	2502	2506	2513	rVB	249410	373093	1.97%	0.153%
84	18.227	2536	2540	2546	rVB	392642	547470	2.89%	0.224%
85	18.668	2610	2615	2617	rBV2	485090	633873	3.35%	0.259%
86	18.698	2617	2620	2624	rVV	341961	482624	2.55%	0.197%
87	18.745	2624	2628	2634	rVB2	577483	899485	4.75%	0.368%
88	18.898	2646	2654	2661	rBV2	1554107	2714795	14.34%	1.111%
89	19.174	2696	2701	2705	rBV	251901	354738	1.87%	0.145%
90	19.221	2705	2709	2715	rVB	329689	451113	2.38%	0.185%
91	19.721	2790	2794	2800	rBV2	215152	331088	1.75%	0.135%
92	19.845	2810	2815	2820	rVB	3935802	5394113	28.49%	2.207%
93	19.903	2820	2825	2828	rBV	533336	749249	3.96%	0.307%
94	19.939	2828	2831	2835	rVB	376192	483898	2.56%	0.198%
95	20.062	2847	2852	2860	rVB3	356158	690474	3.65%	0.282%
96	20.174	2865	2871	2875	rBV	6799744	10722052	56.64%	4.386%
97	21.580	3106	3110	3118	rBV3	769907	998049	5.27%	0.408%
98	21.927	3163	3169	3174	rBV	3601505	4947120	26.13%	2.024%
99	24.256	3558	3565	3579	rVB2	4198940	9188165	48.54%	3.759%
100	24.421	3586	3593	3605	rVB	2159996	4551229	24.04%	1.862%

Sum of corrected areas: 244434584

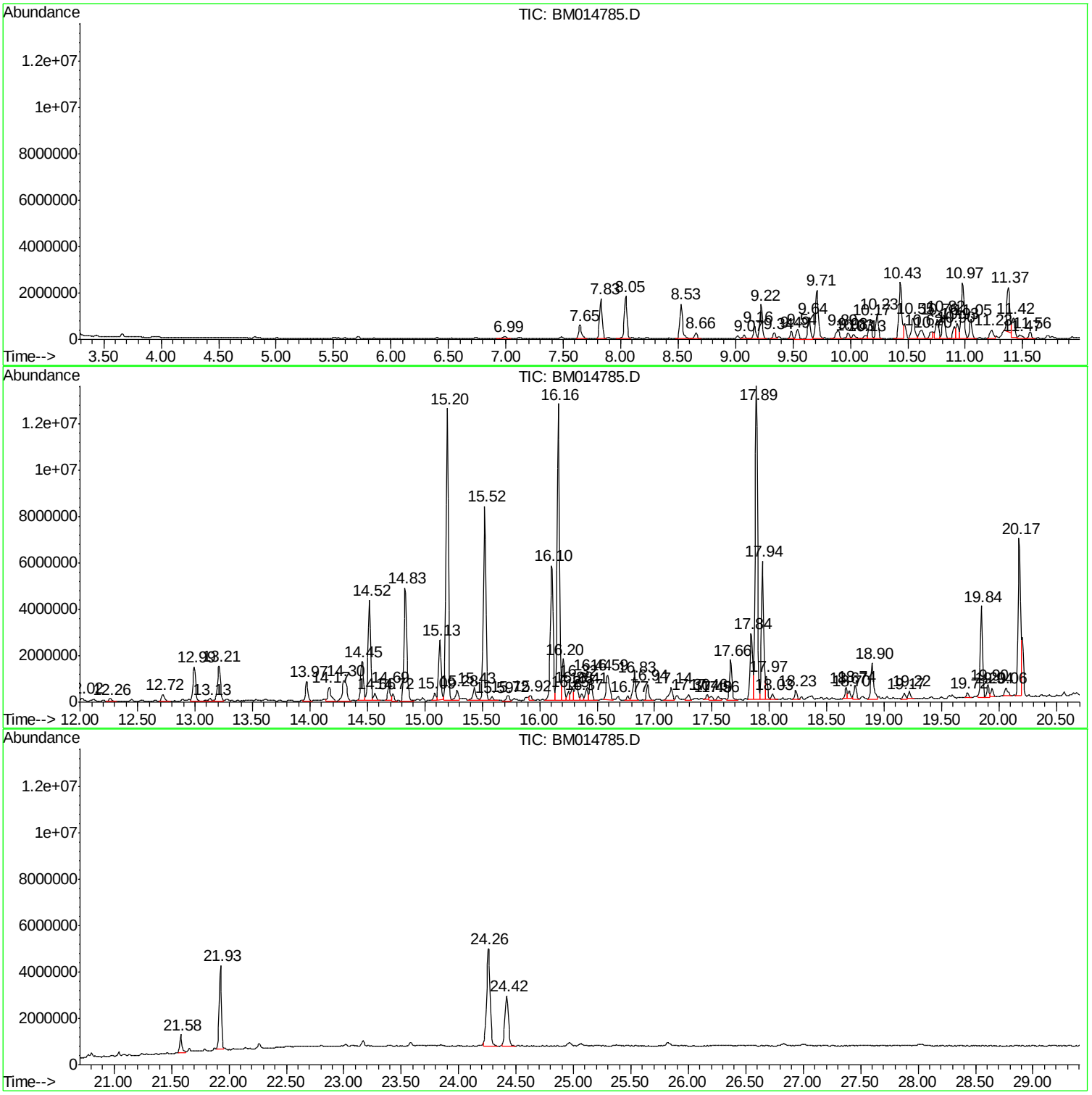
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

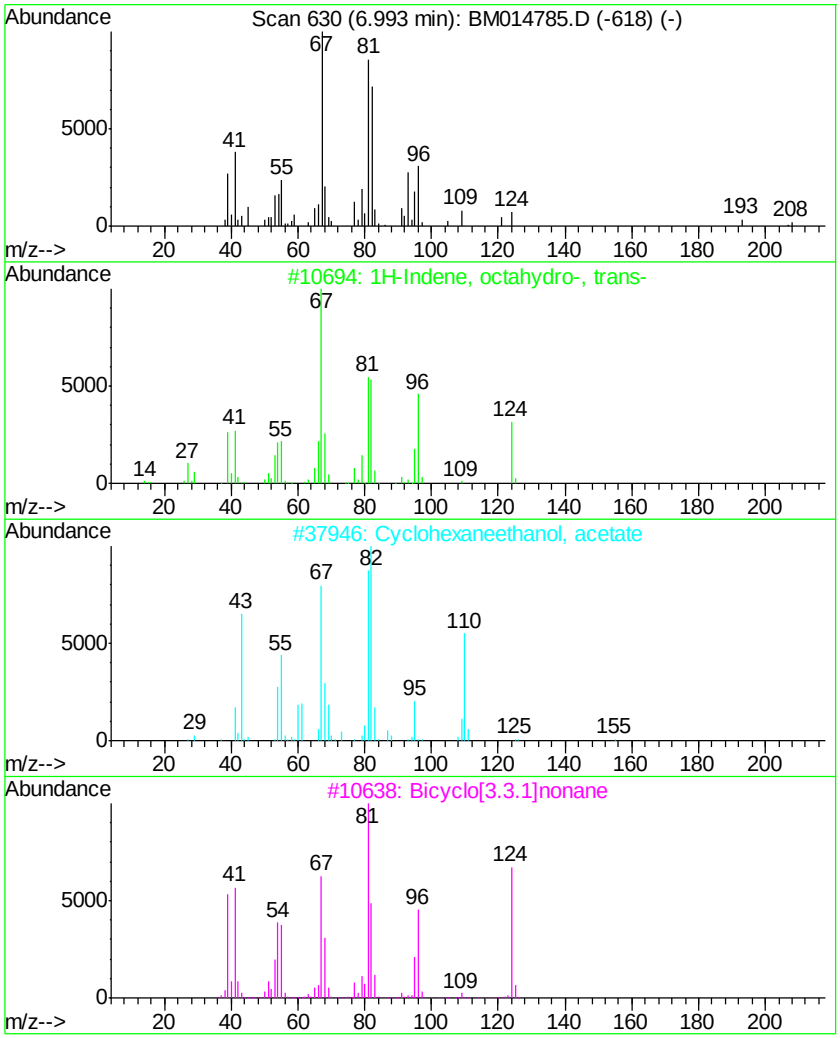
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

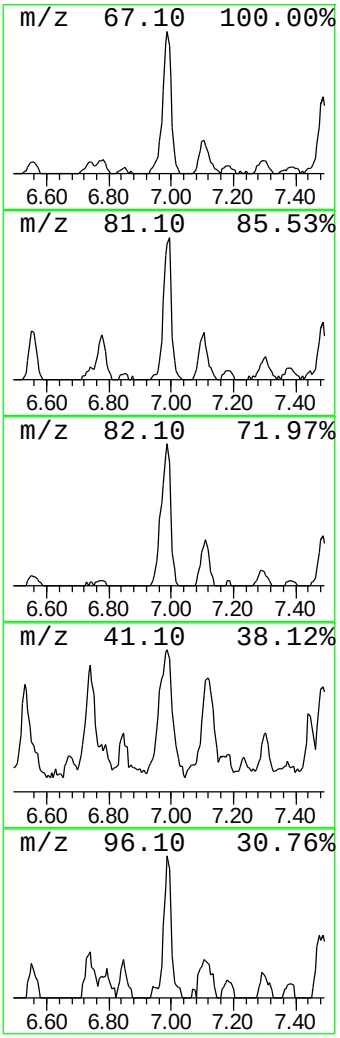
****

Peak Number 1 1H-Indene, octahydro-, trans- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.09 ng/ul	281730	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	87
2	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	59
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	52
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

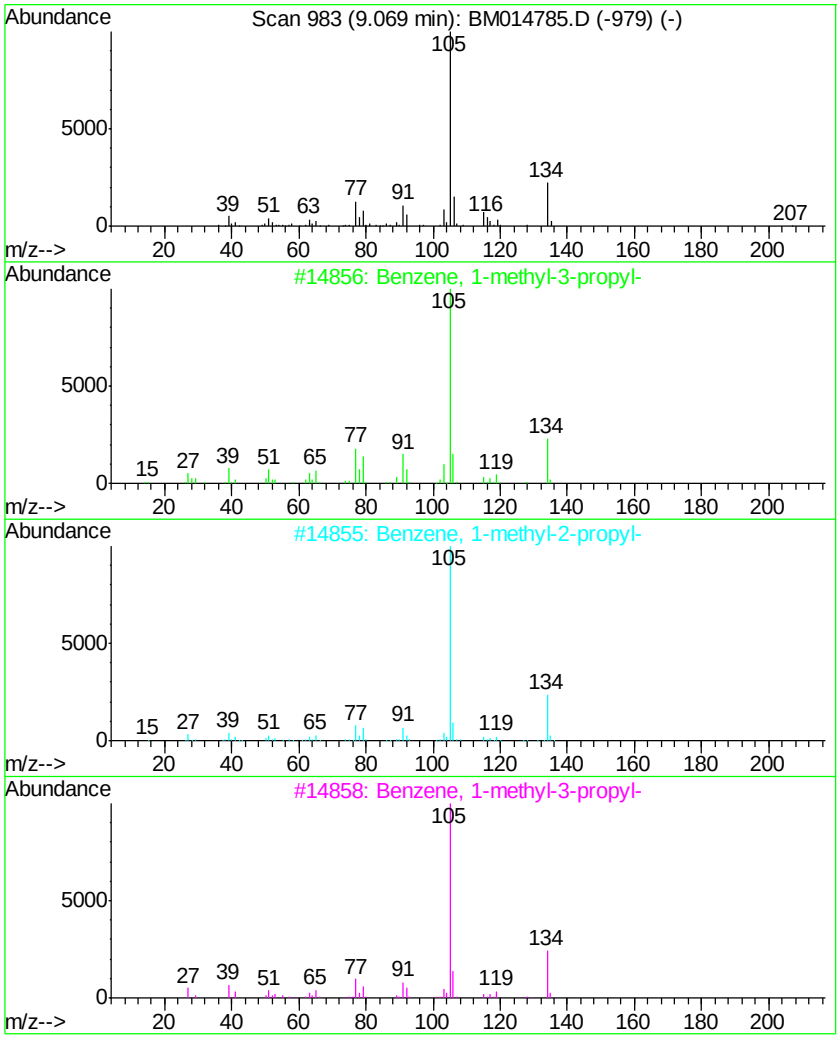
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

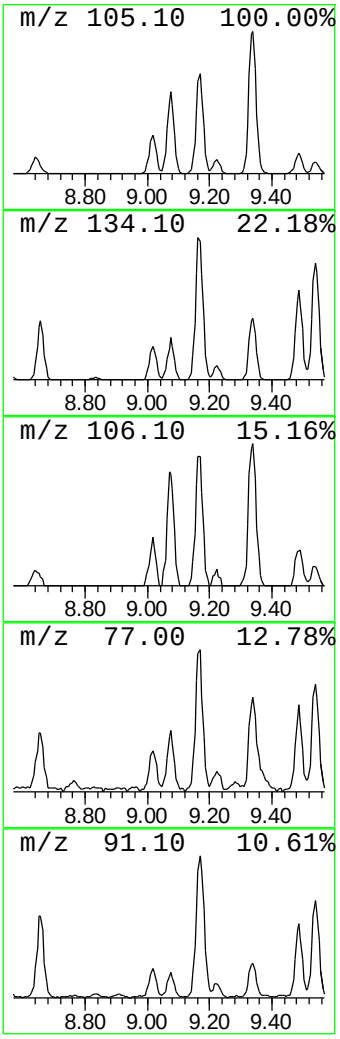
****

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.22 ng/ul	299859	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

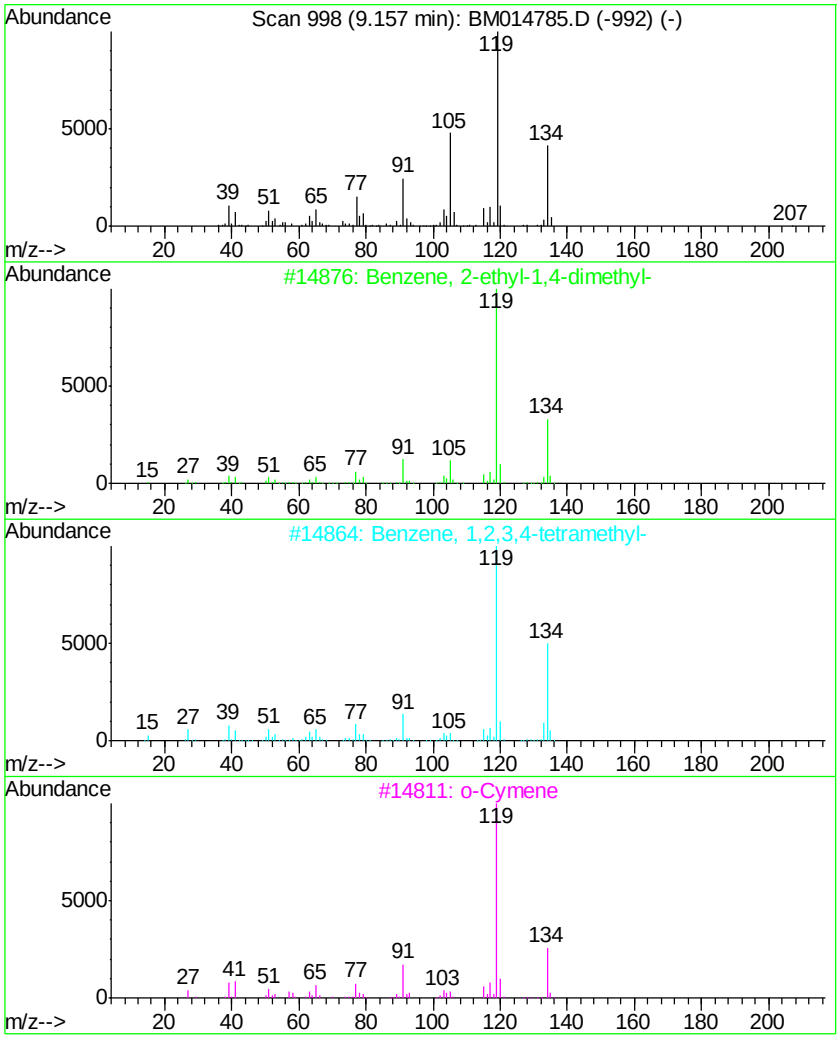
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

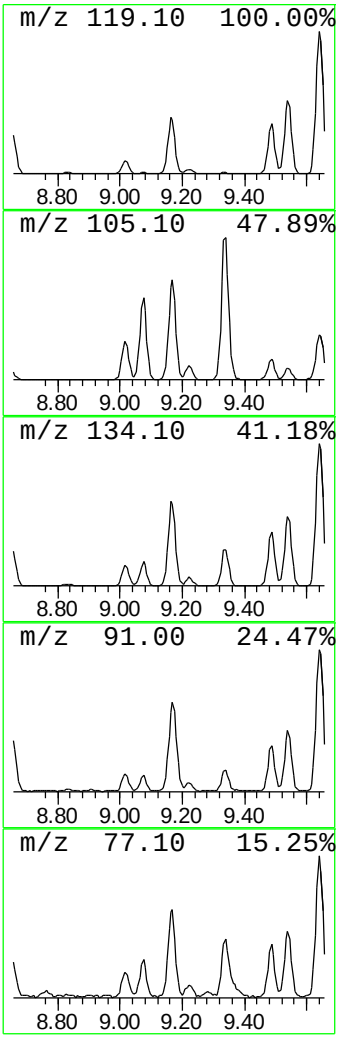
****

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	6.80 ng/ul	917559	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

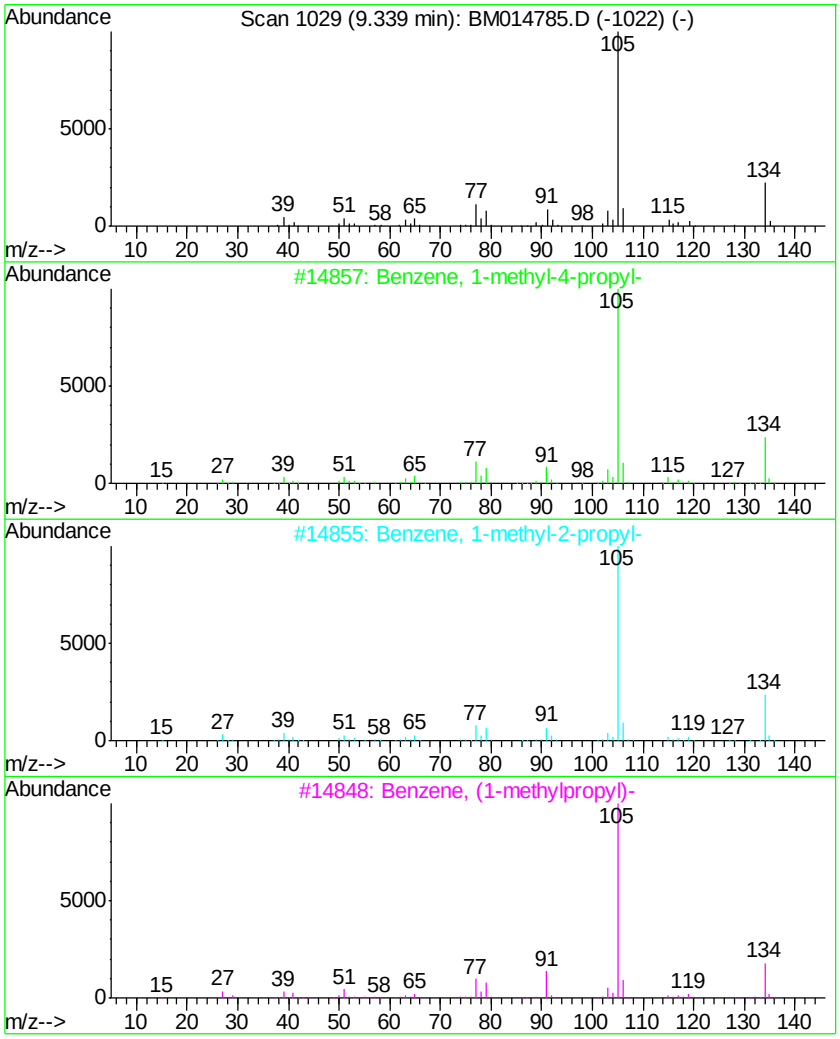
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

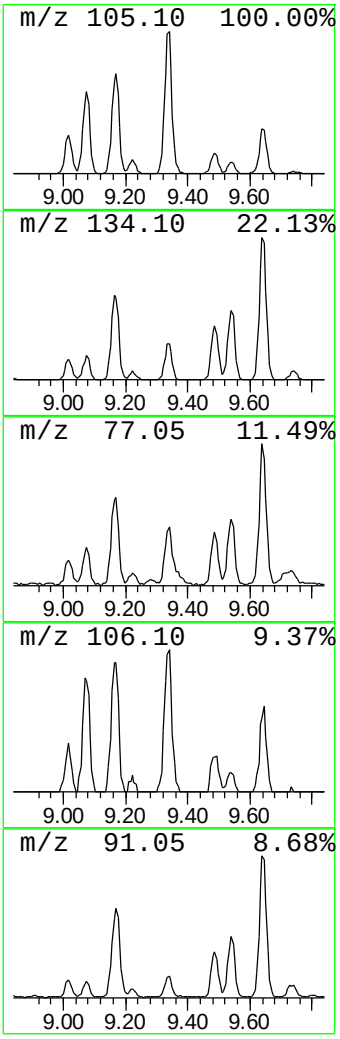
****

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.85 ng/ul	384432	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

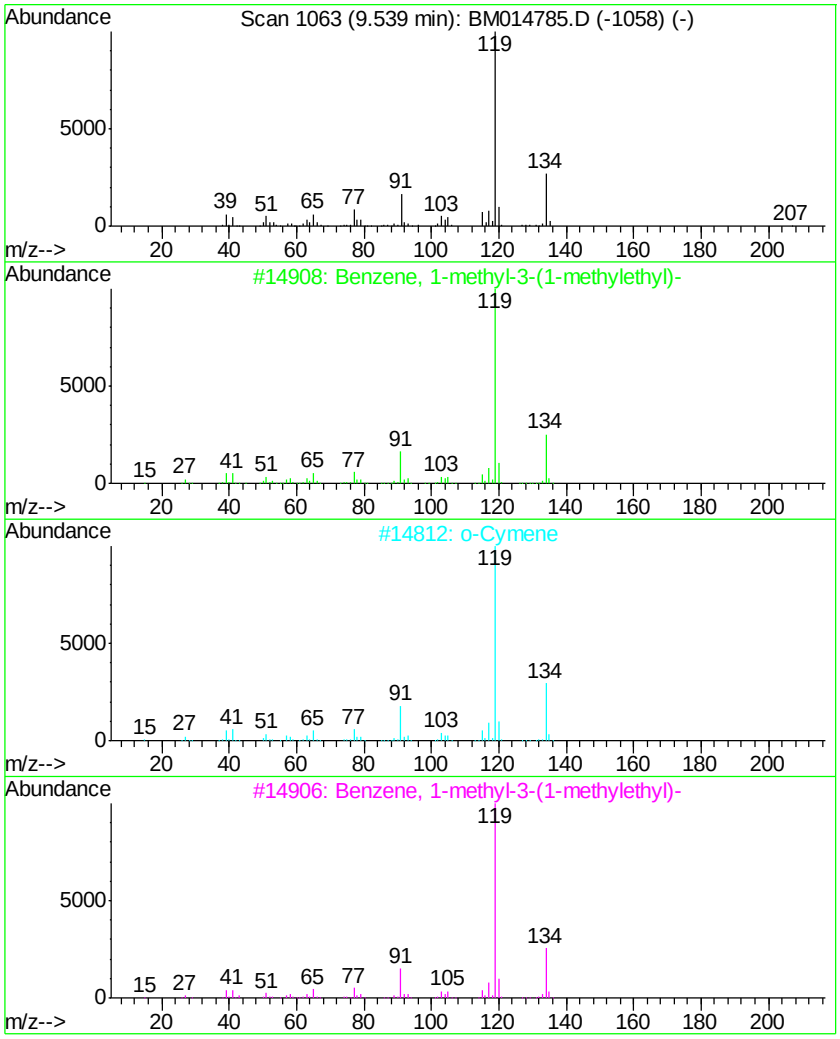
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

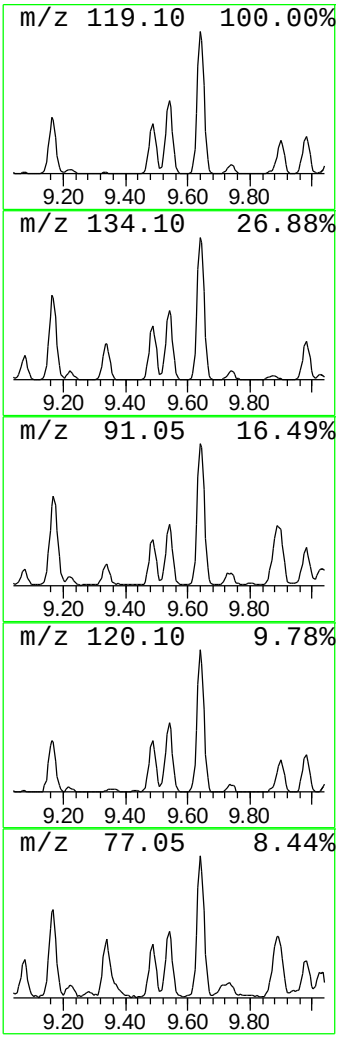
****

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.30 ng/ul	715321	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





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Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
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Instrument : BNA_M
ClientSampleId : DASN6

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Quant Title : SVOA CALIBRATION

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

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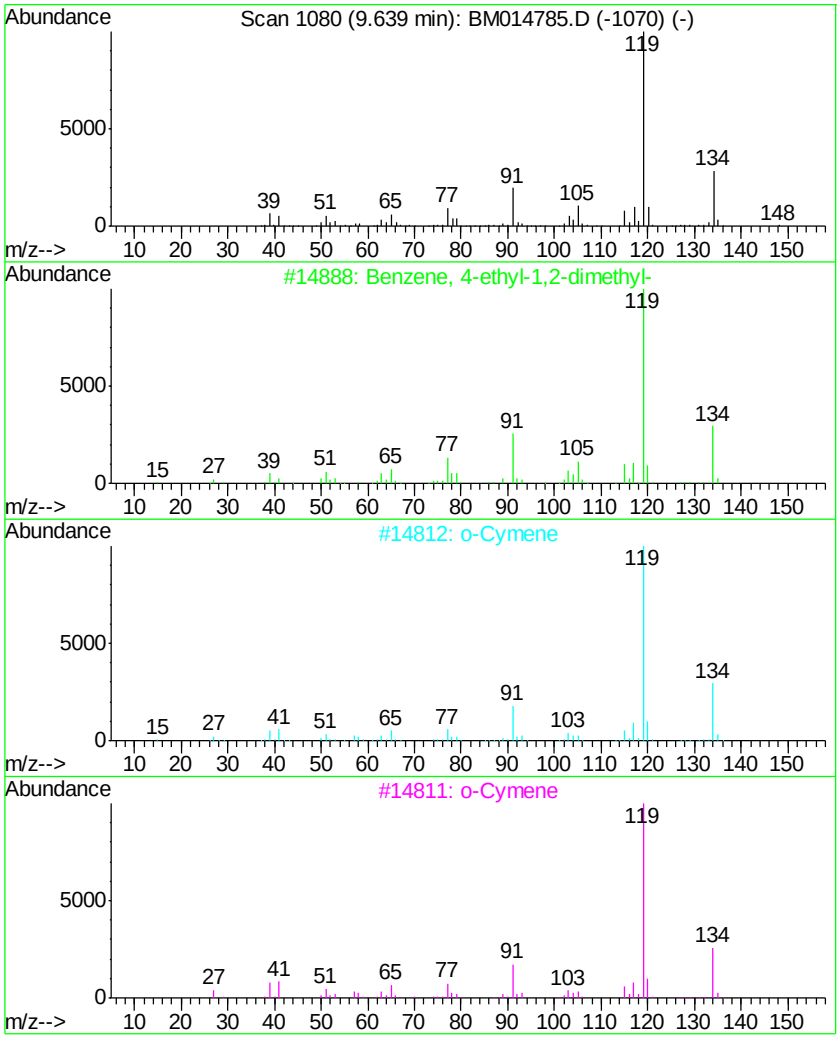
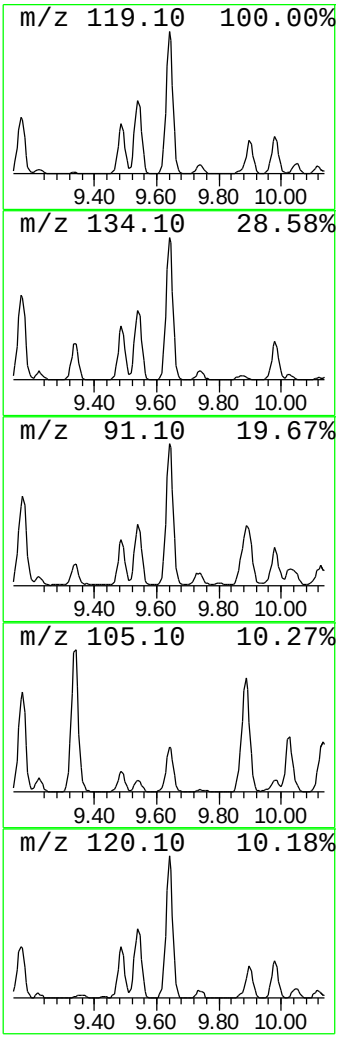
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	11.33 ng/ul	1529560	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Instrument : BNA_M
ClientSampleId : DASN6

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Quant Title : SVOA CALIBRATION

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

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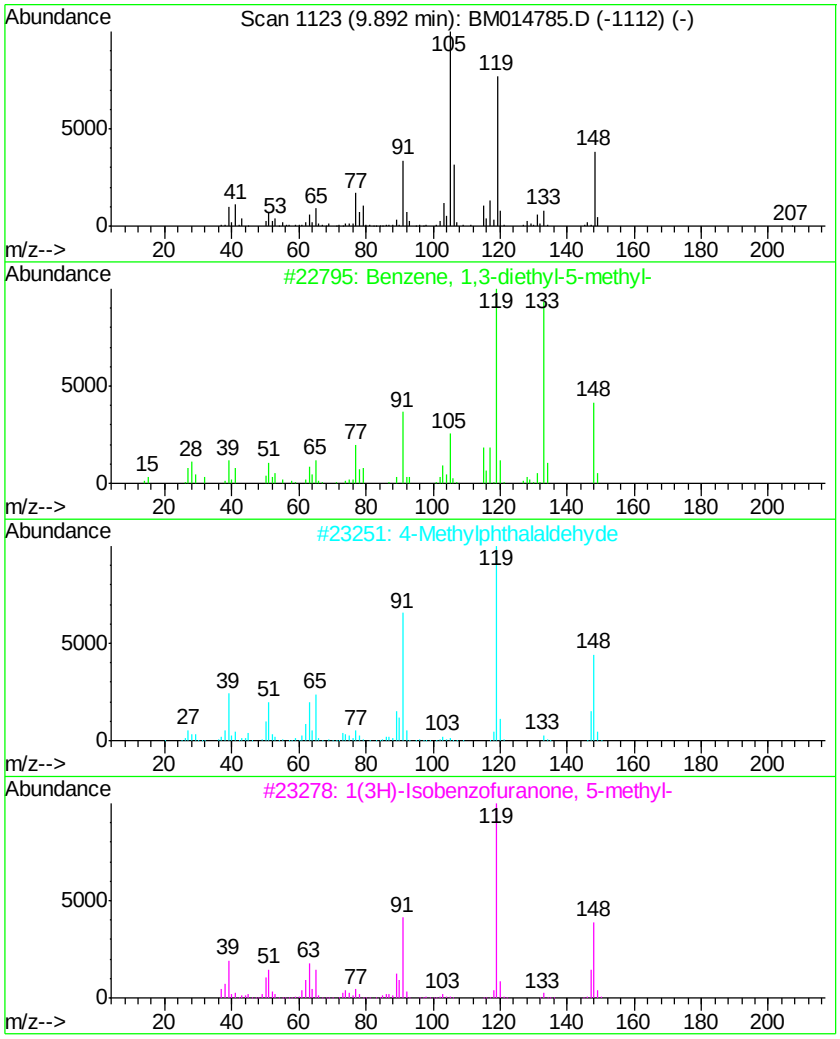
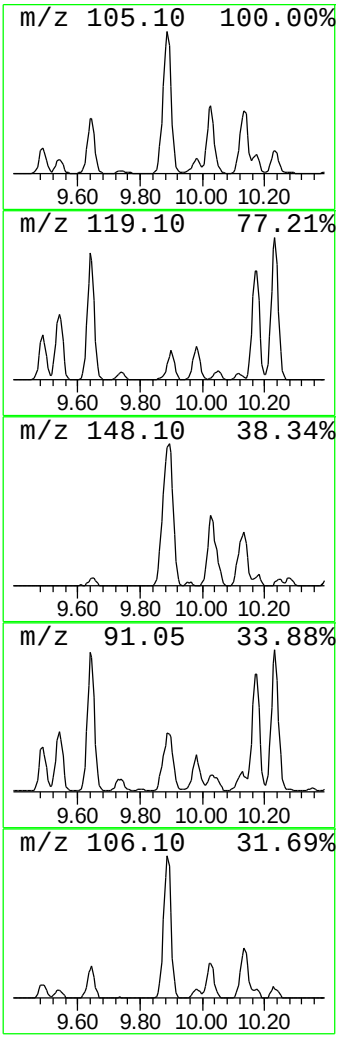
Peak Number 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.61 ng/ul	892693	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	50
3	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	50
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	47
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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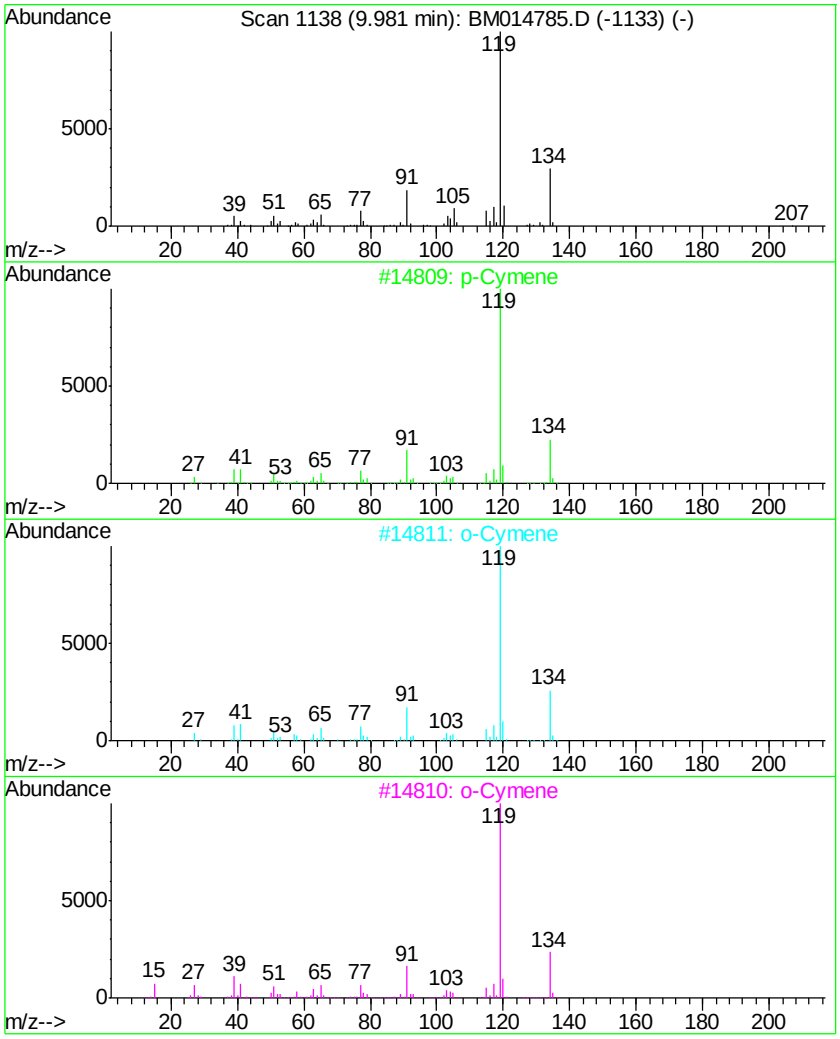
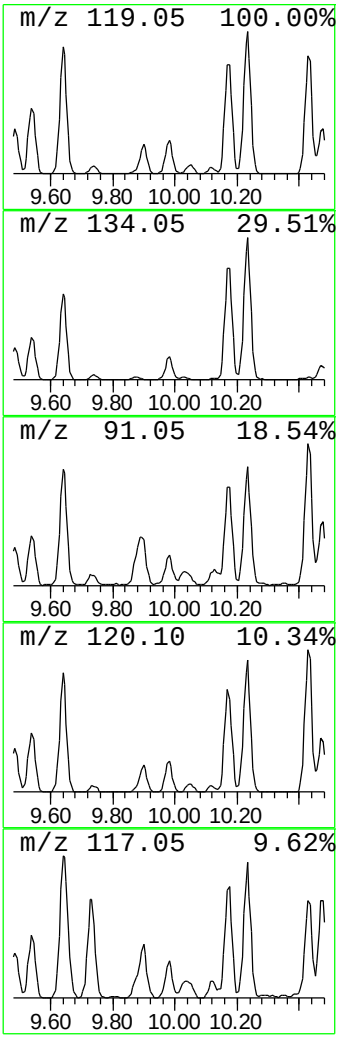
Peak Number 10 p-Cymene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.29 ng/ul	399300	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Instrument : BNA_M
ClientSampleId : DASN6

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Quant Title : SVOA CALIBRATION

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

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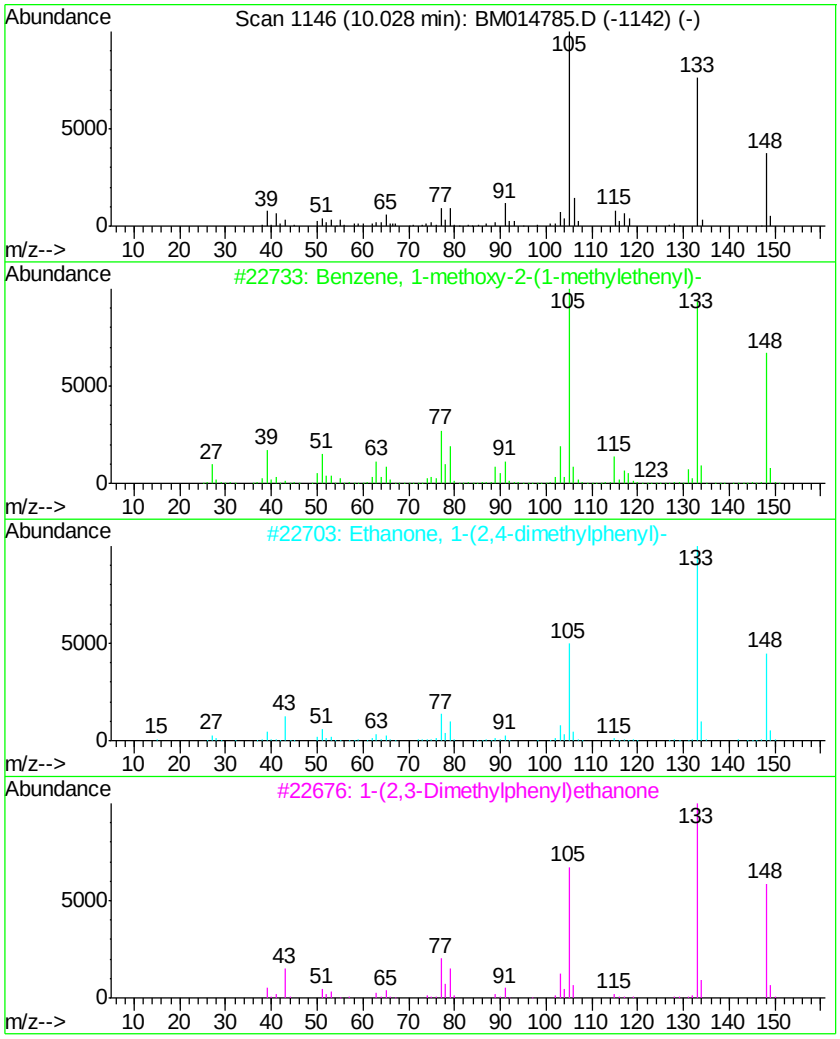
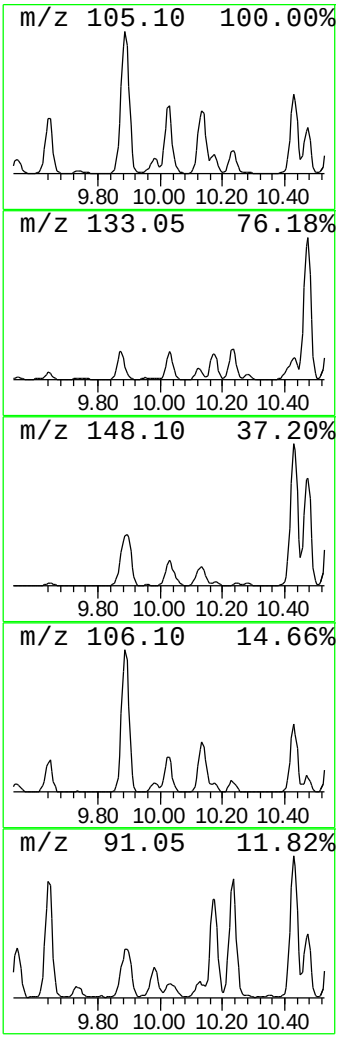
Peak Number 11 Benzene, 1-methoxy-2-(1-met... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.12 ng/ul	369812	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	87
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	74
3	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	74
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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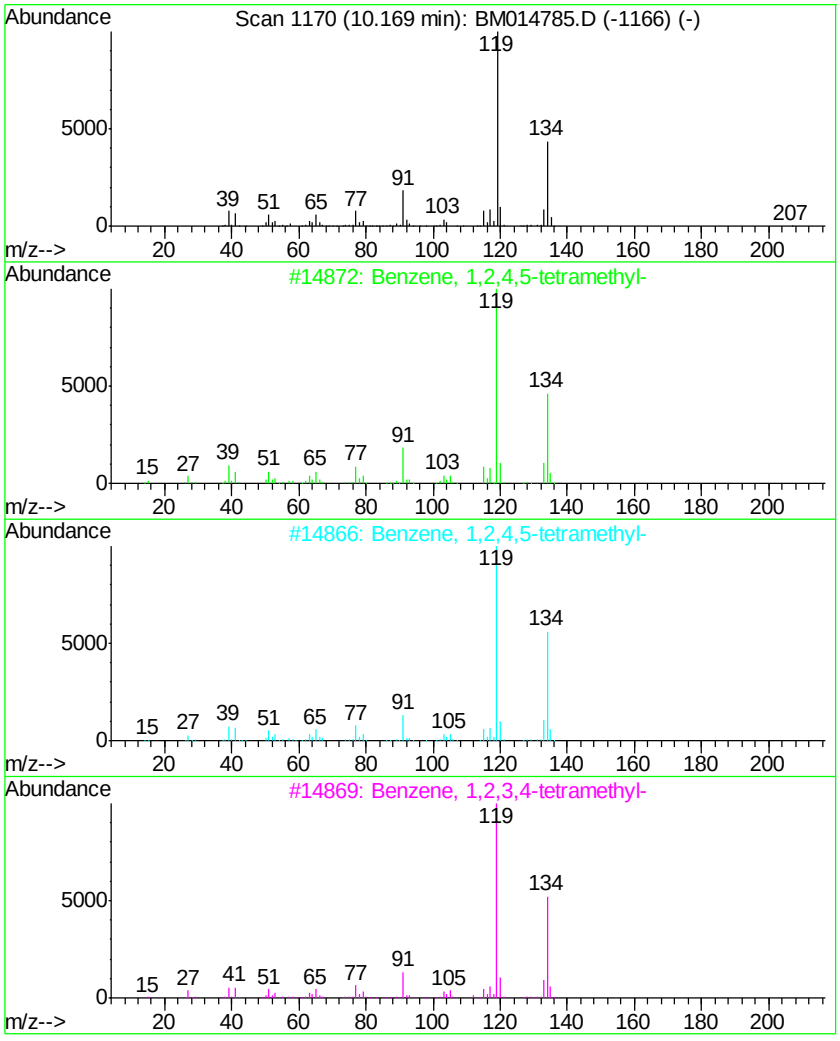
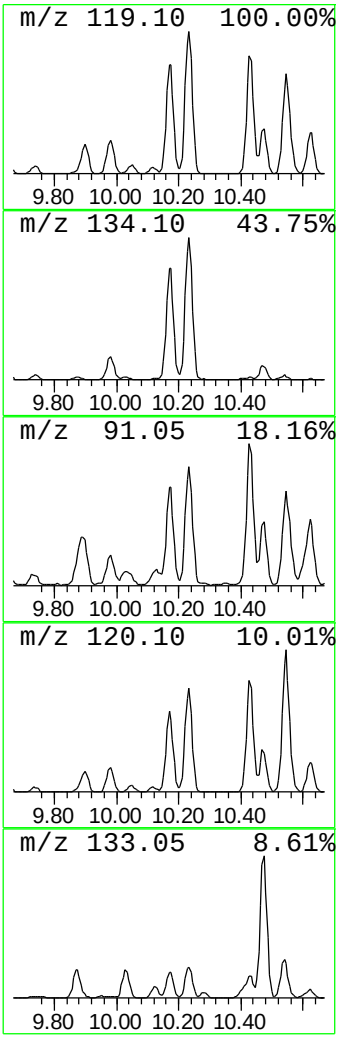
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.75 ng/ul	1350900	Naphthalene-d8	11.37

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	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Quant Title : SVOA CALIBRATION

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

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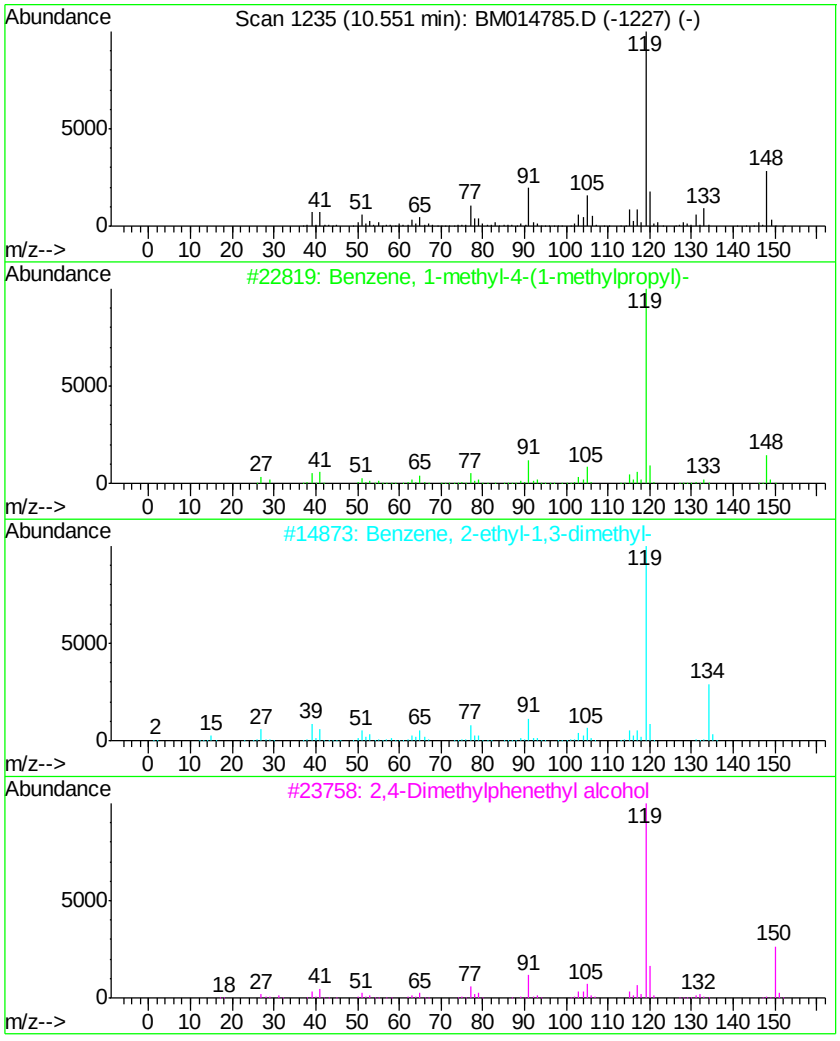
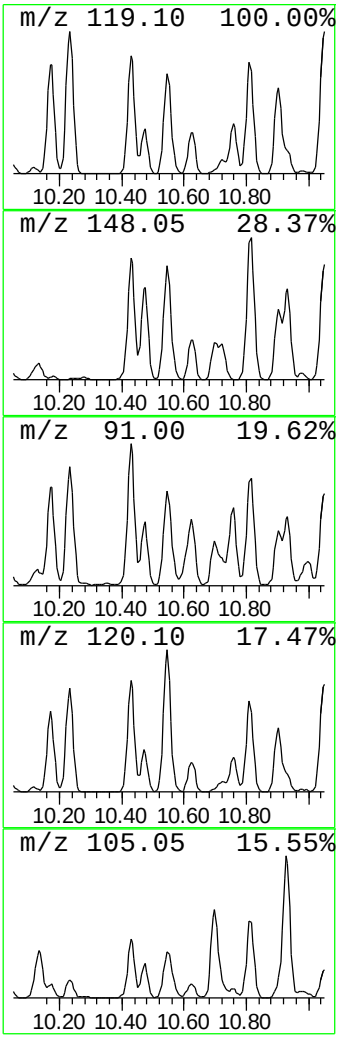
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	9.57 ng/ul	1667810	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	62
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59





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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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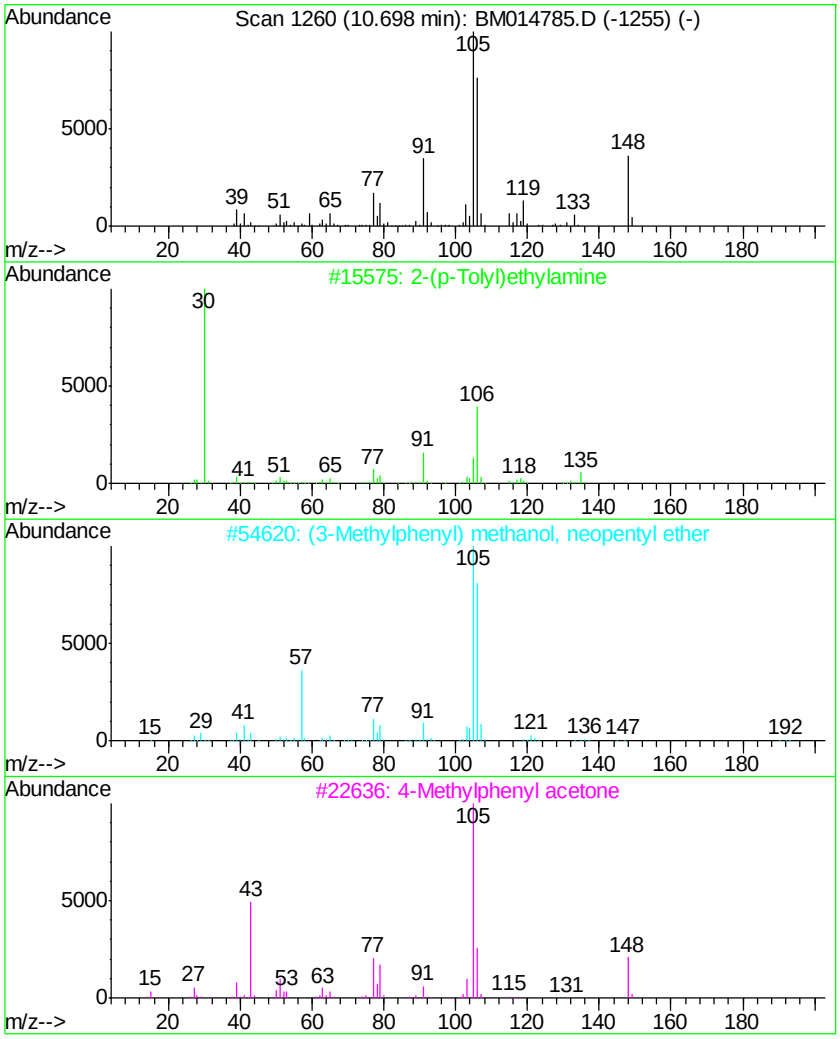
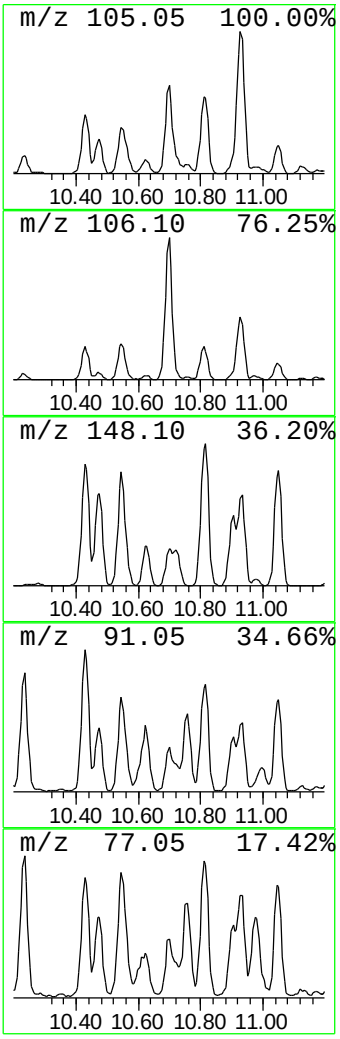
Peak Number 16 2-(p-Tolyl)ethylamine Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.81 ng/ul	490693	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	59
2	(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	53
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	46
4	Benzeneacetic acid, .alpha.-amin...	151	C8H9NO2	002935-35-5	43
5	Ethanol, 2-(phenylamino)-	137	C8H11NO	000122-98-5	43





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Quant Title : SVOA CALIBRATION

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

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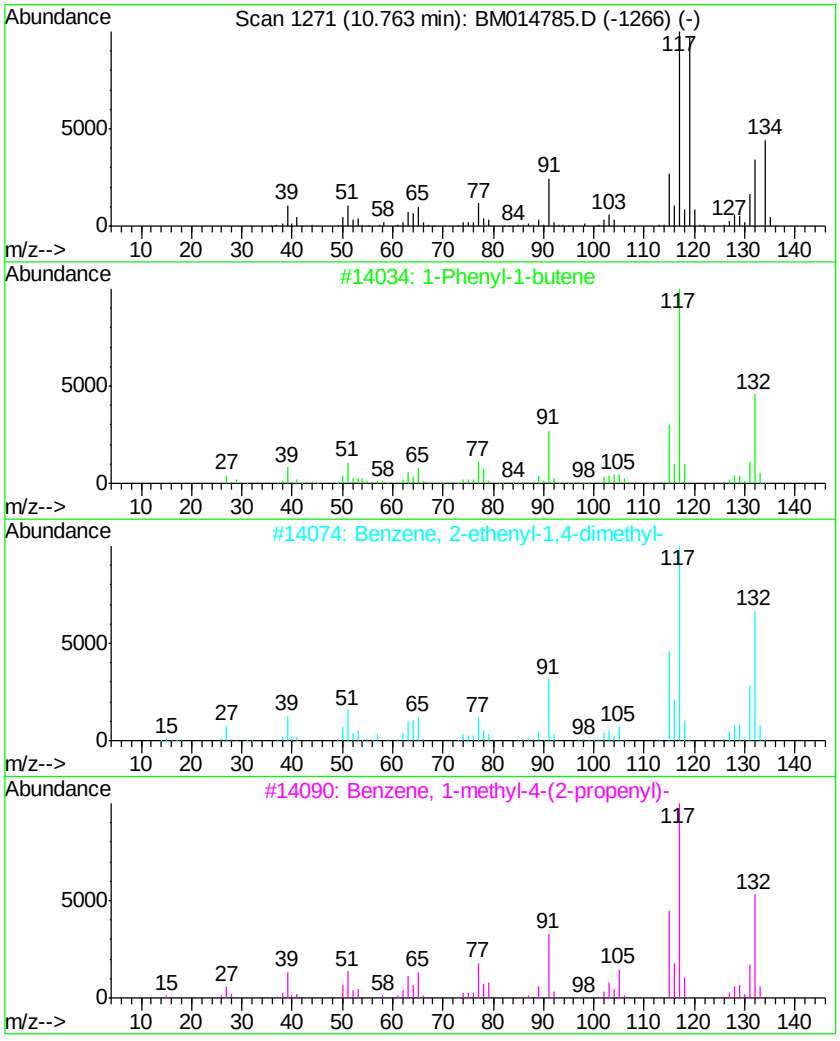
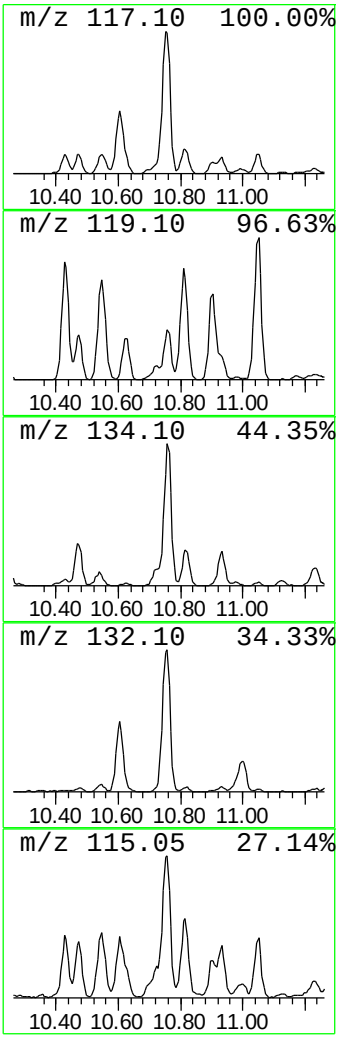
Peak Number 17 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.99 ng/ul	1393390	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60





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Quant Title : SVOA CALIBRATION

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

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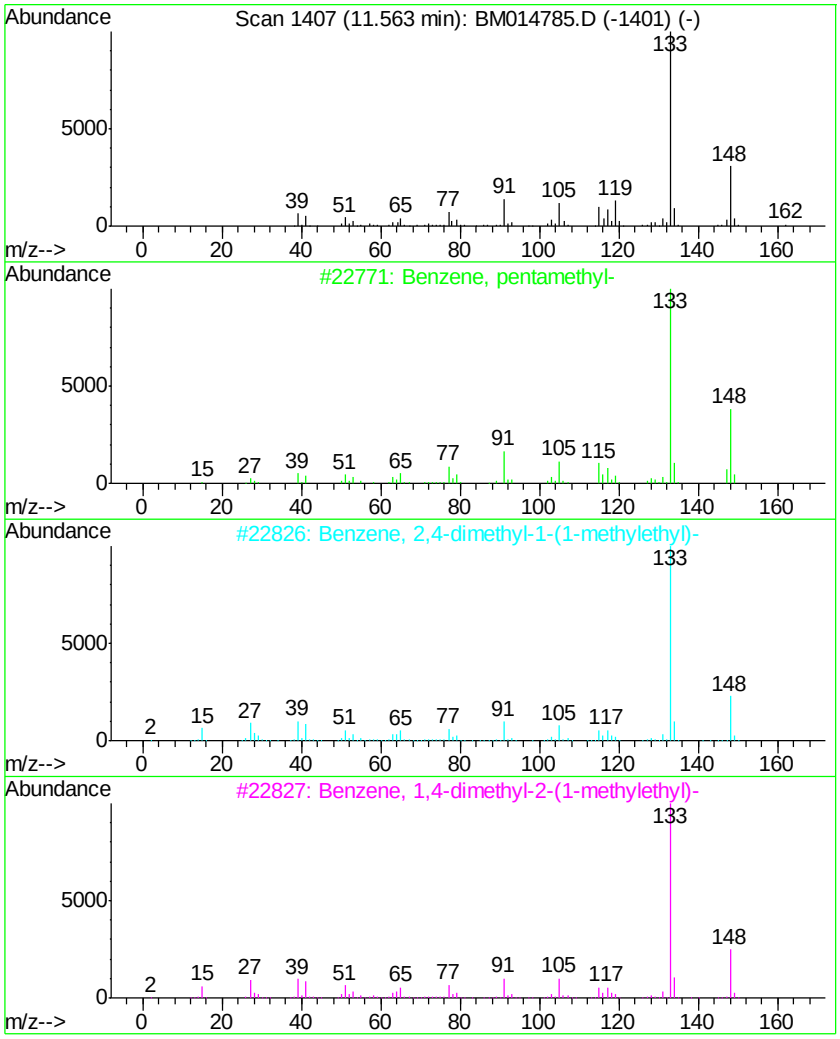
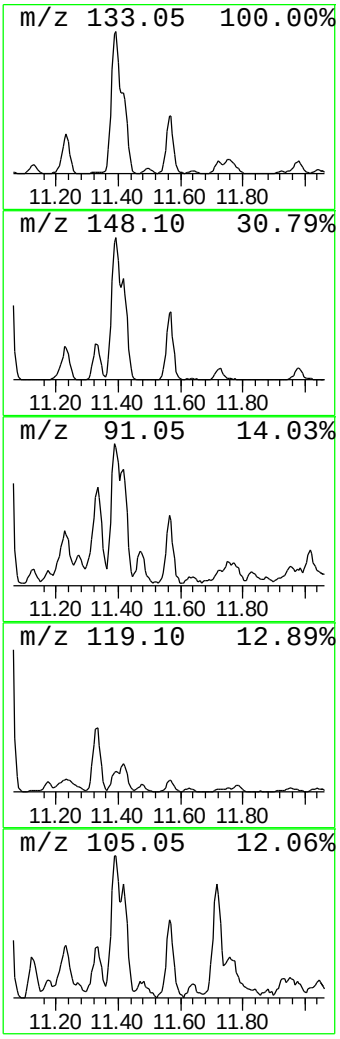
Peak Number 22 Benzene, pentamethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.70 ng/ul	471120	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	94
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	91





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Quant Title : SVOA CALIBRATION

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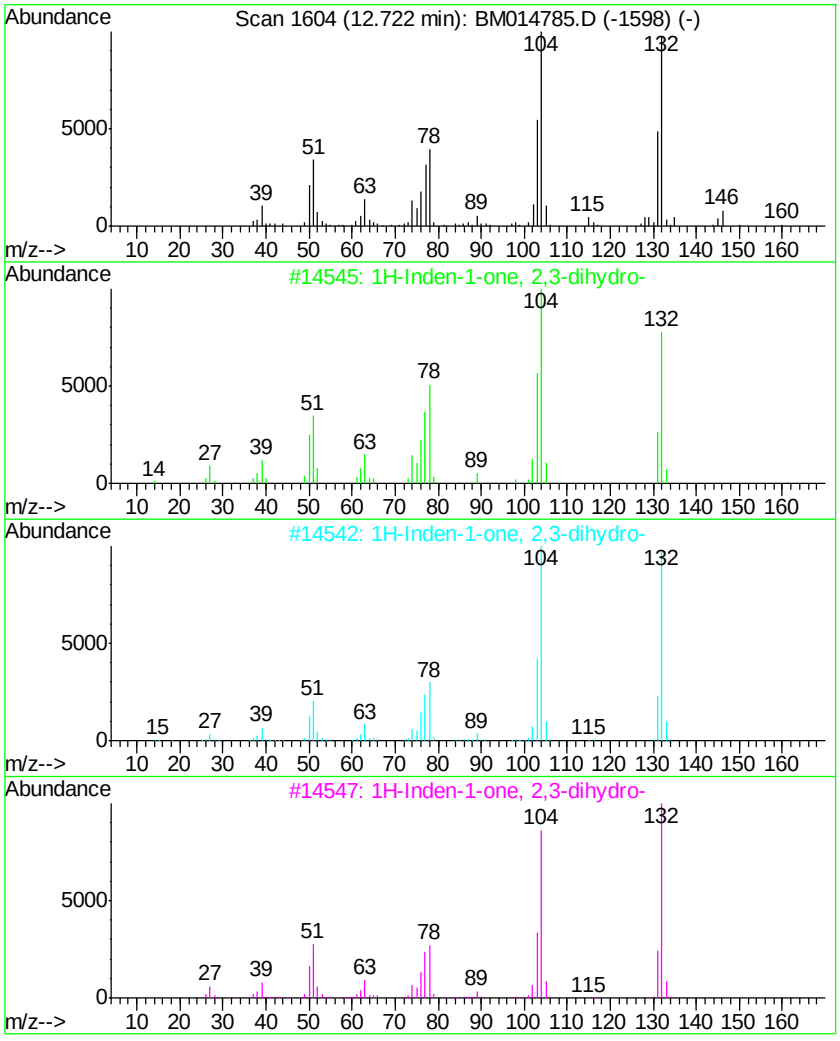
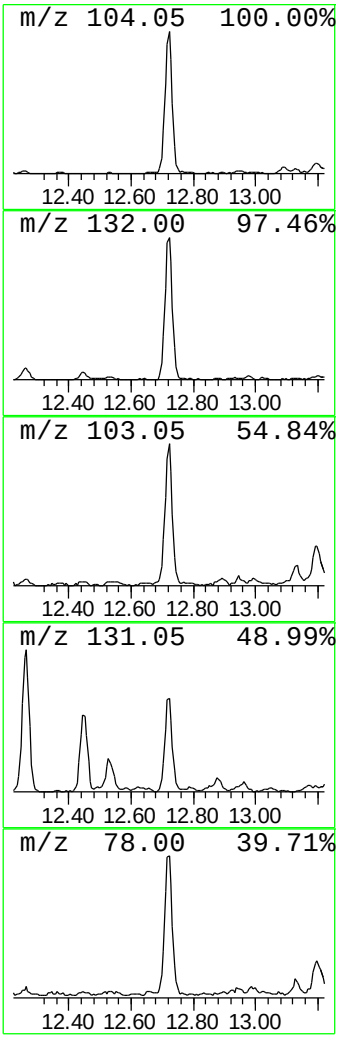
Peak Number 23 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.03 ng/ul	528094	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	Styrene	104	C8H8	000100-42-5	60





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Quant Title : SVOA CALIBRATION

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

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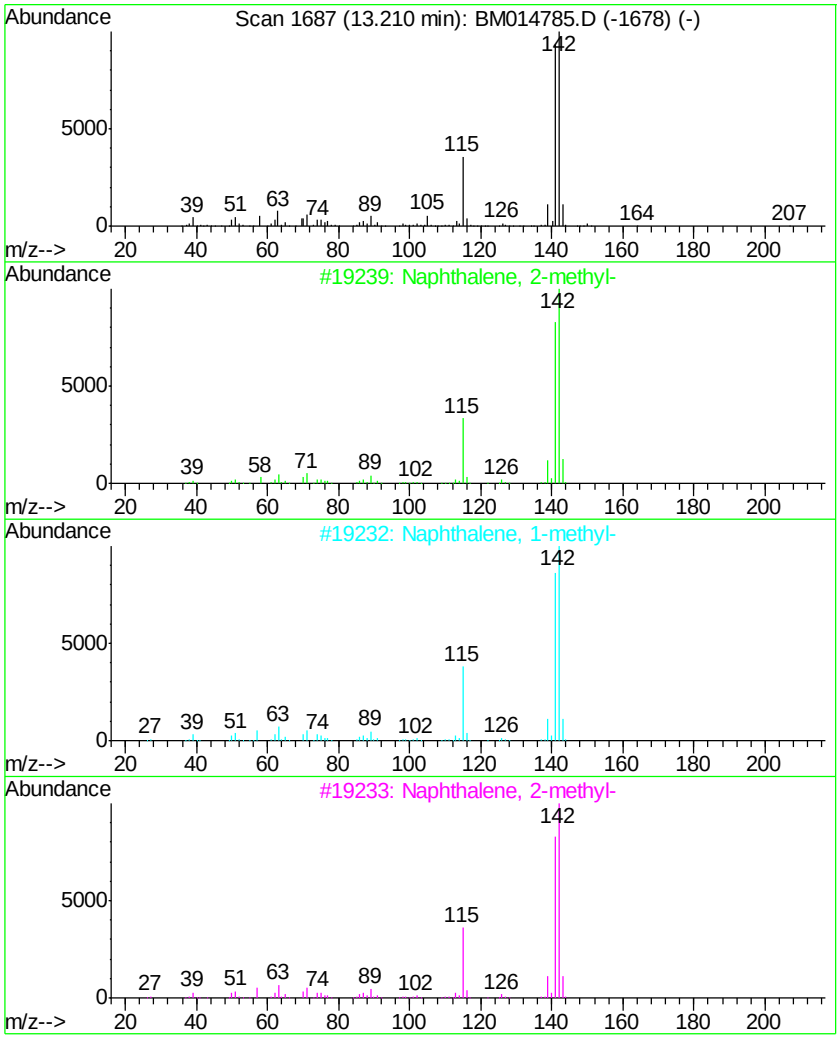
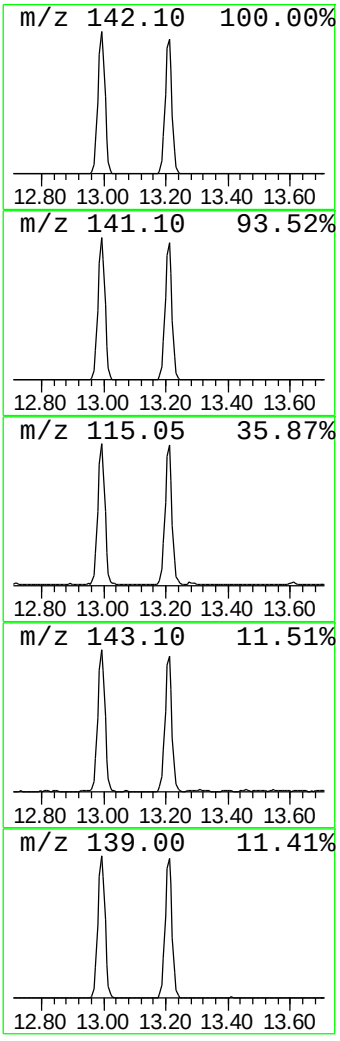
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	15.19 ng/ul	2647400	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

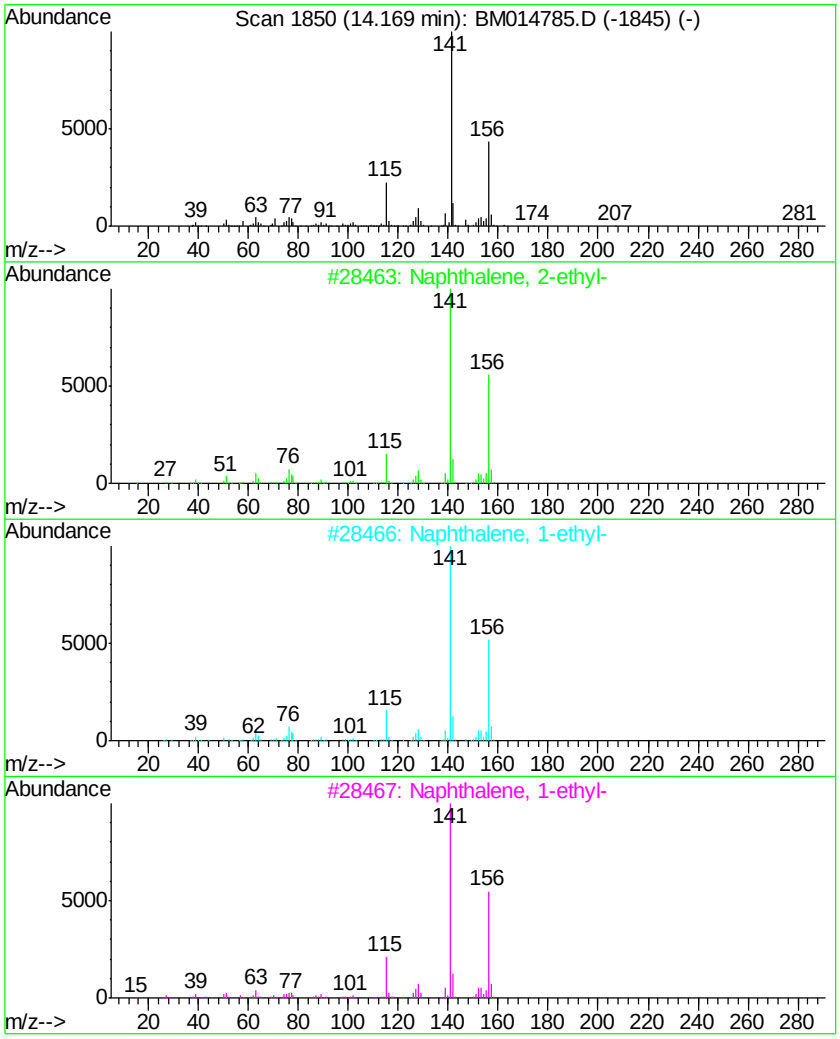
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

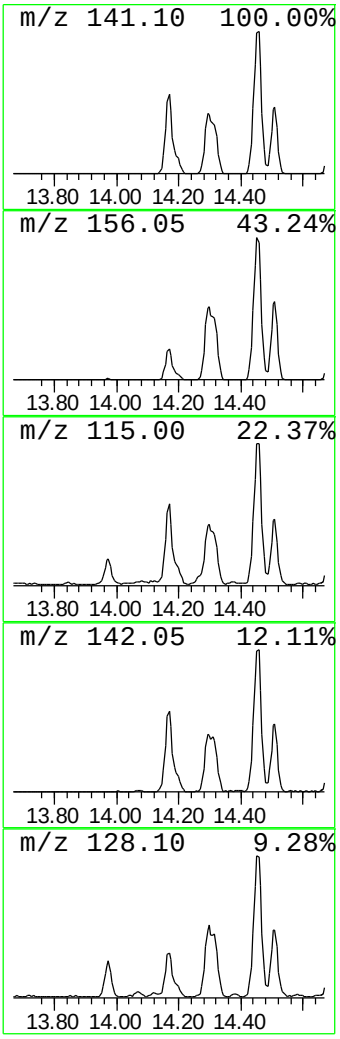
****

Peak Number 25 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.39 ng/ul	1113470	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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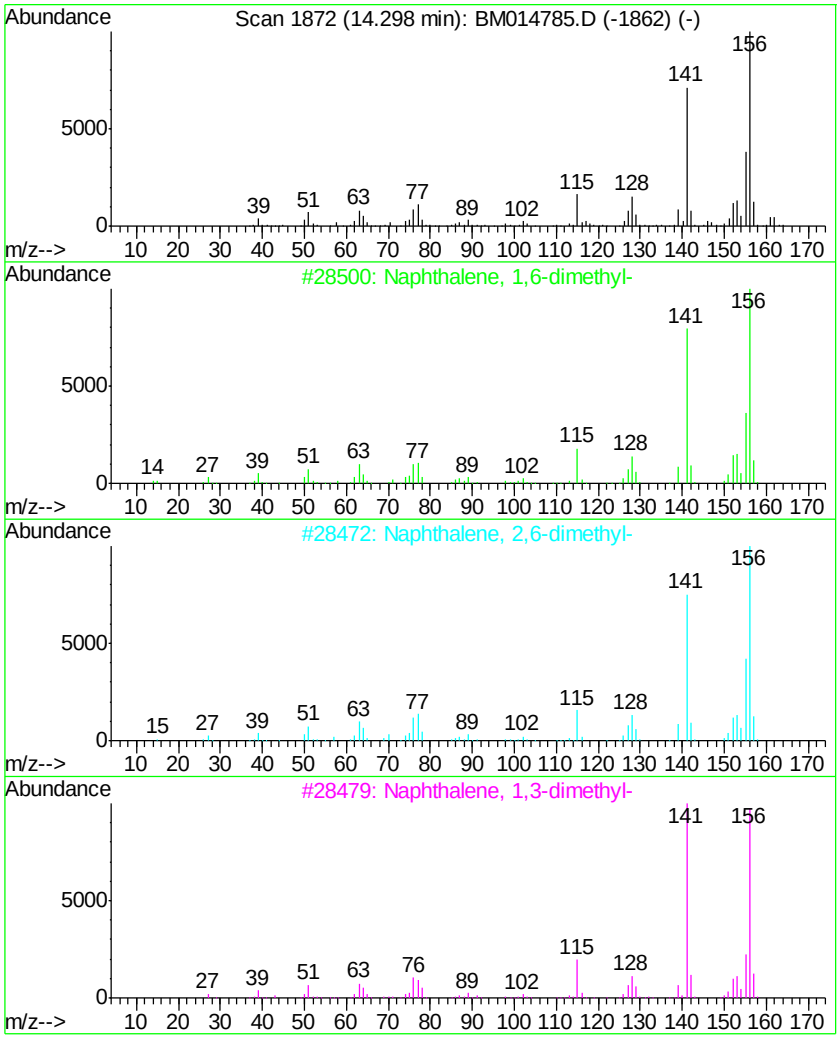
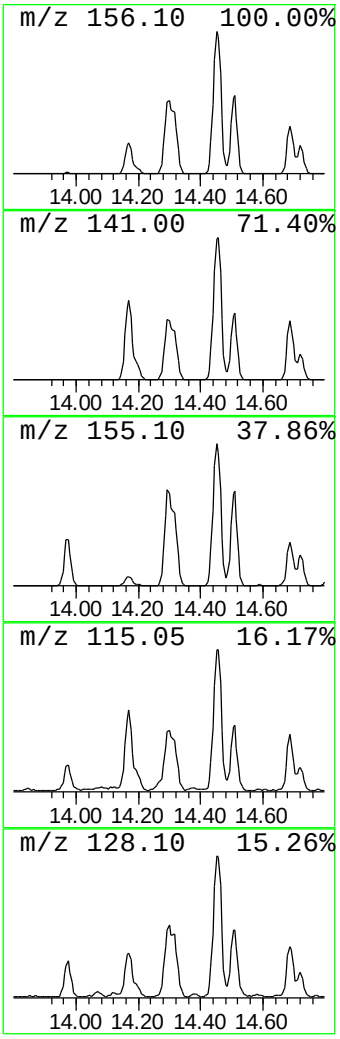
Peak Number 26 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	11.60 ng/ul	2394690	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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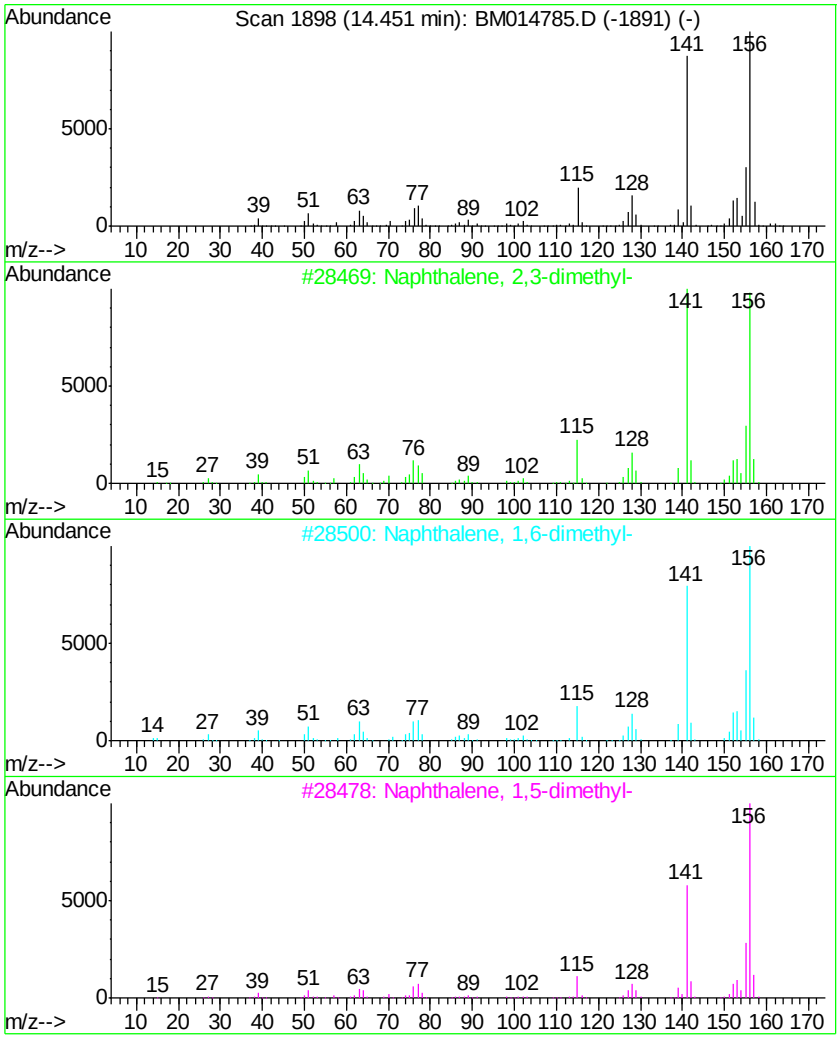
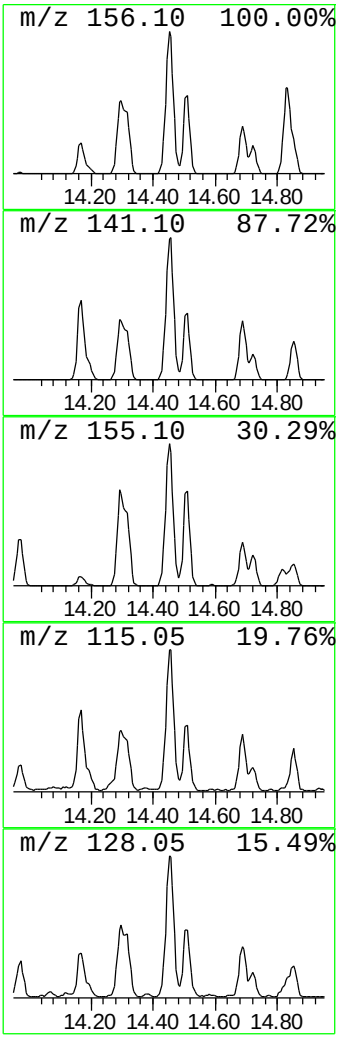
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	14.42 ng/ul	2976580	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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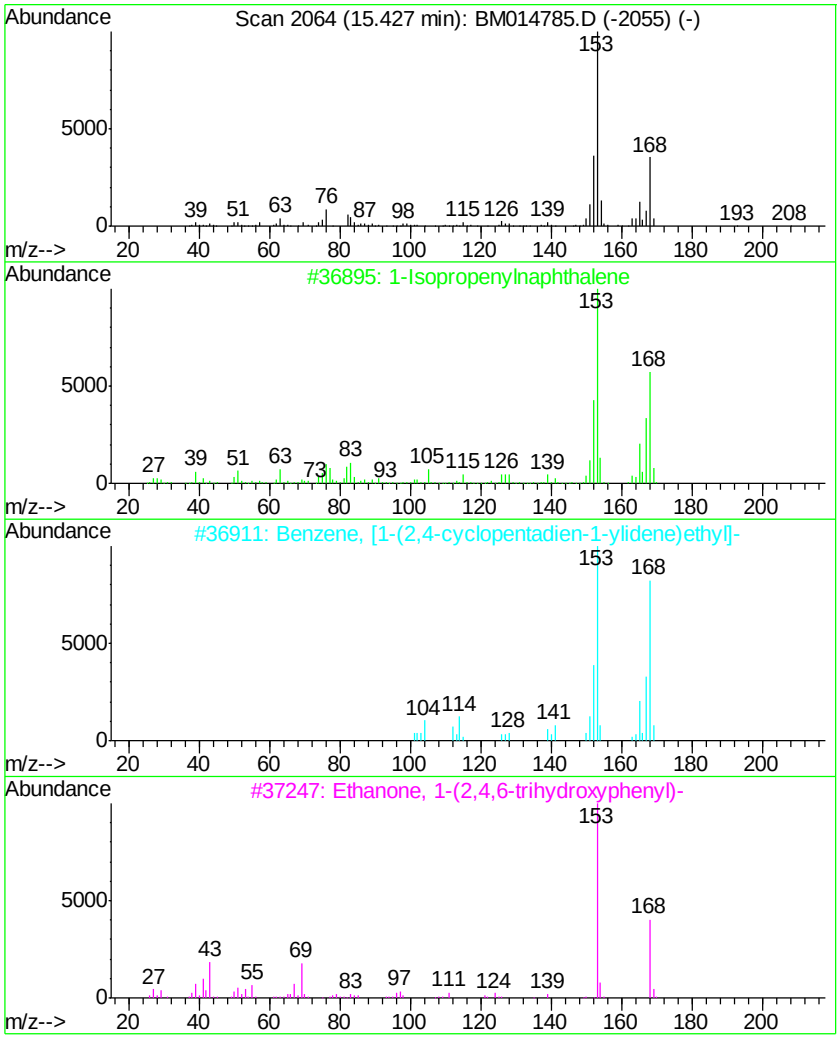
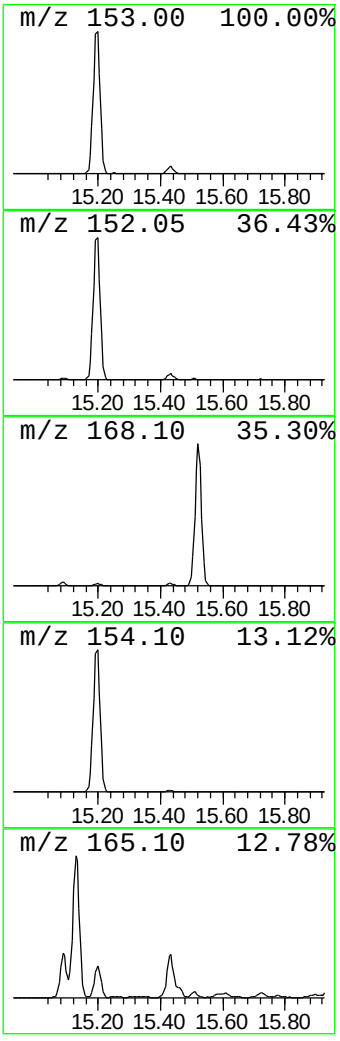
Peak Number 29 1-Isopropenylnaphthalene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	5.04 ng/ul	1041090	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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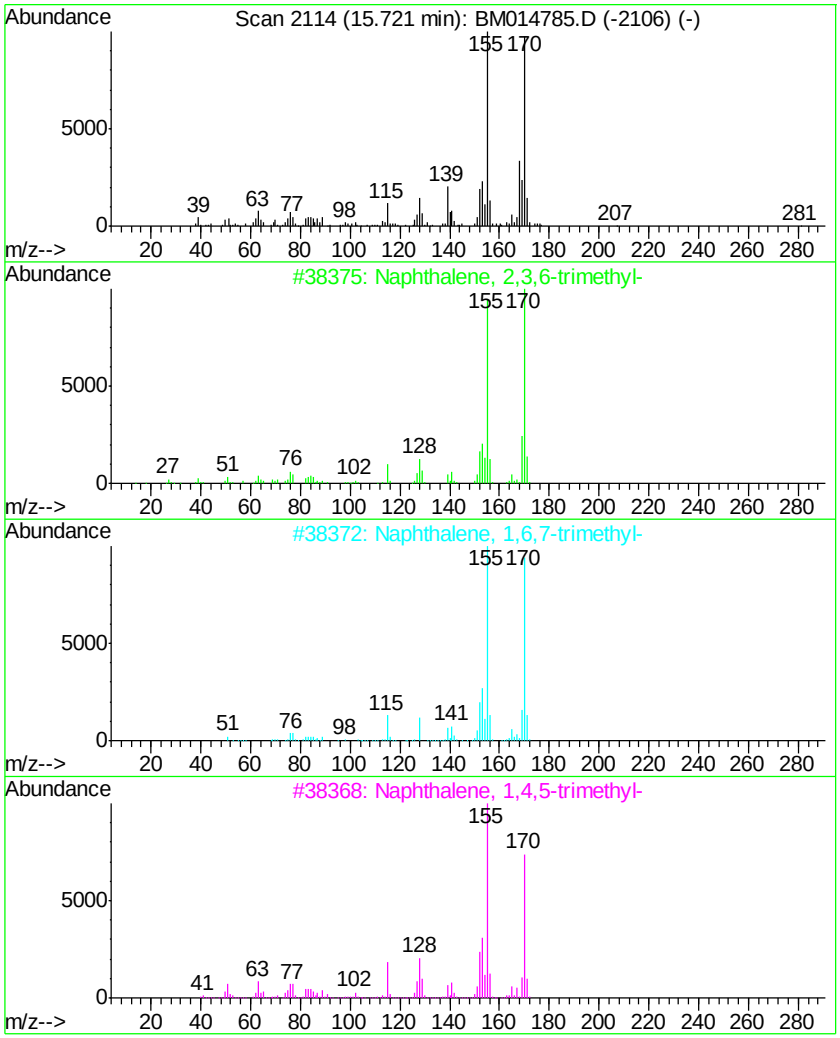
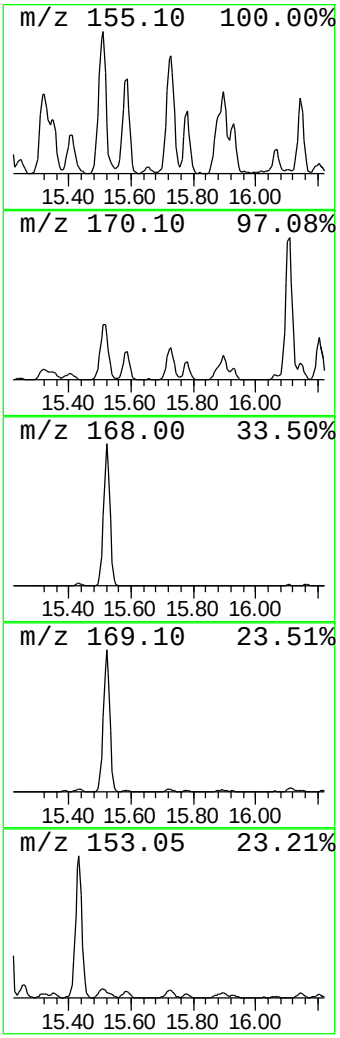
Peak Number 30 Naphthalene, 2,3,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.05 ng/ul	423572	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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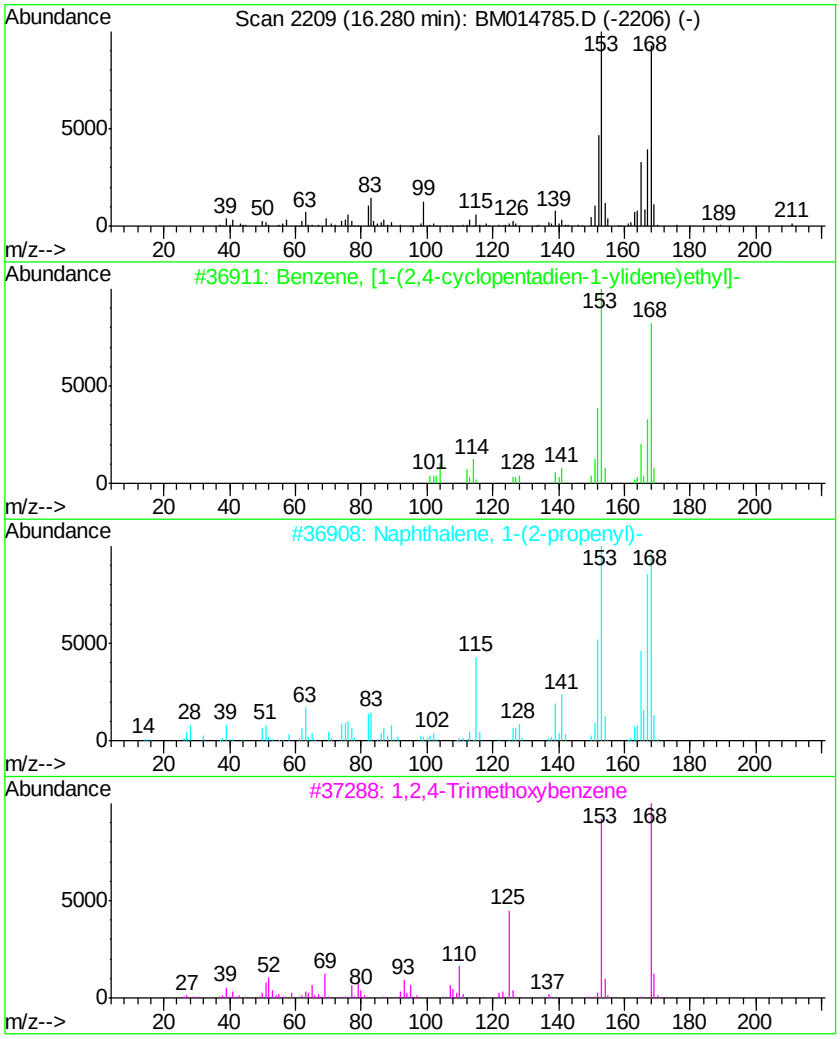
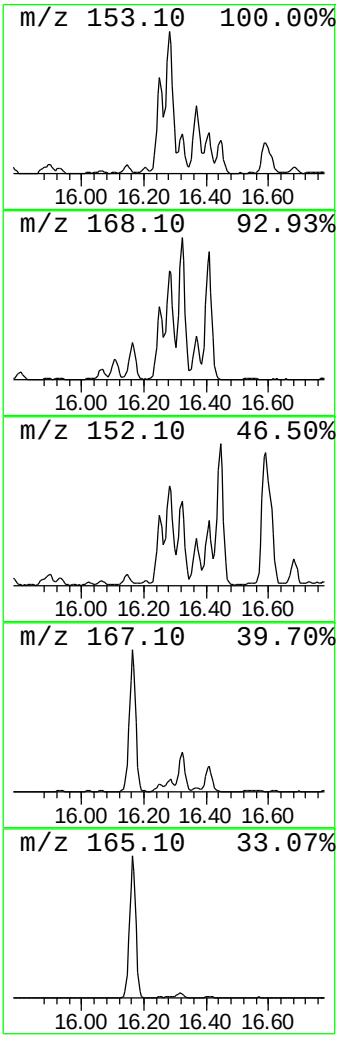
Peak Number 31 Benzene, [1-(2,4-cyclopenta... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.52 ng/ul	932839	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
3	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47
4	1,2,3-Trimethoxybenzene	168	C9H12O3	000634-36-6	47
5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	43





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Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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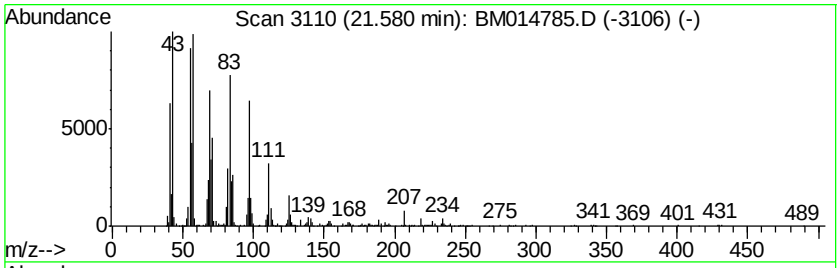
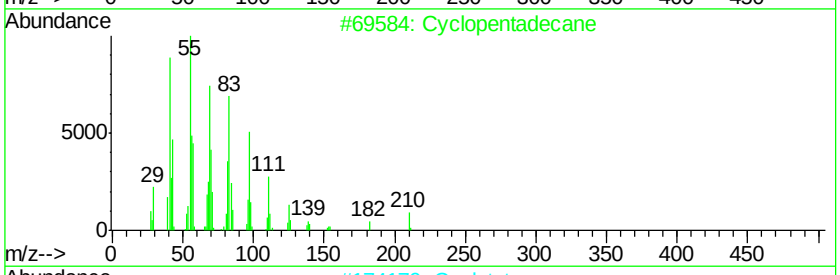
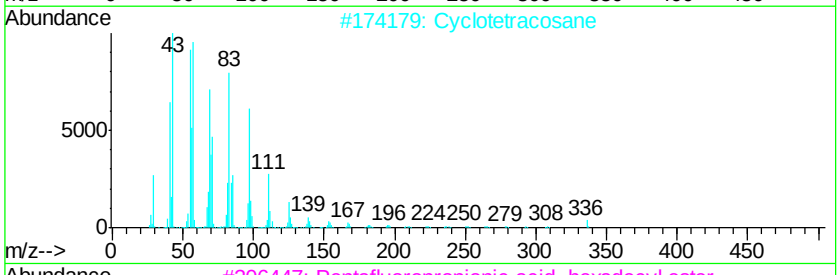
Peak Number 45 (DEL) Alkane: Cyclic21.58 Concentration Rank 29

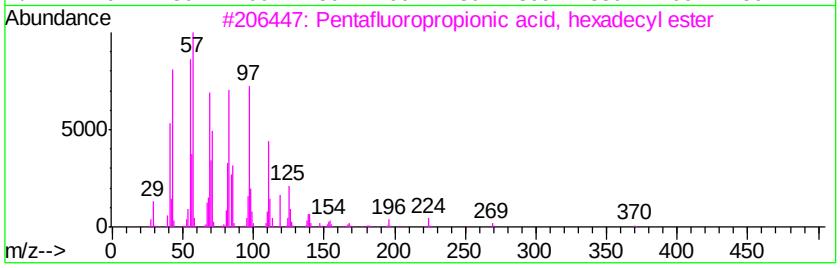
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	4.03 ng/ul	998049	Chrysene-d12	21.93

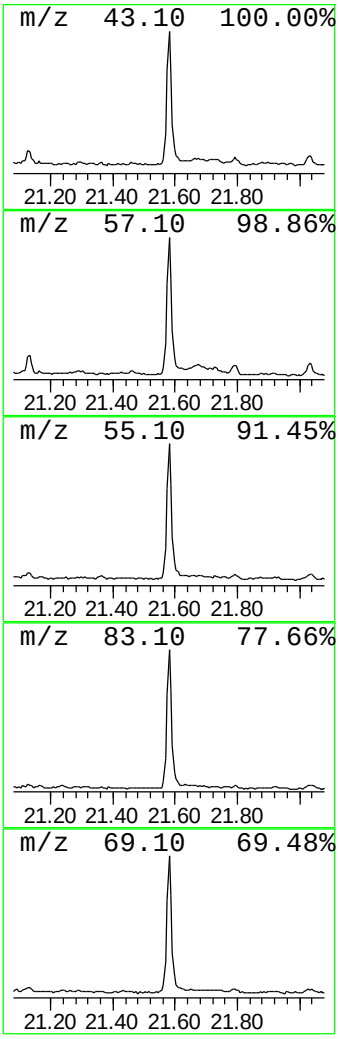
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014785.D
Acq On : 23 Apr 2018 20:38
Operator : SJ/JU
Sample : J2431-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
1H-Indene, octahy...	6.99	2.1	ng/ul	281730	1	8.53	2700480	20.0
Benzene, 1-methyl...	9.07	2.2	ng/ul	299859	1	8.53	2700480	20.0
Benzene, 2-ethyl-...	9.16	6.8	ng/ul	917559	1	8.53	2700480	20.0
Benzene, 1-methyl...	9.34	2.9	ng/ul	384432	1	8.53	2700480	20.0
Benzene, 1-methyl...	9.54	5.3	ng/ul	715321	1	8.53	2700480	20.0
Benzene, 4-ethyl-...	9.64	11.3	ng/ul	1529560	1	8.53	2700480	20.0
Benzene, 1,3-diet...	9.89	6.6	ng/ul	892693	1	8.53	2700480	20.0
p-Cymene	9.98	2.3	ng/ul	399300	2	11.37	3486780	20.0
Benzene, 1-methox...	10.03	2.1	ng/ul	369812	2	11.37	3486780	20.0
Benzene, 1,2,4,5-...	10.17	7.8	ng/ul	1350900	2	11.37	3486780	20.0
Benzene, 1-methyl...	10.55	9.6	ng/ul	1667810	2	11.37	3486780	20.0
2-(p-Tolyl)ethyla...	10.70	2.8	ng/ul	490693	2	11.37	3486780	20.0
1-Phenyl-1-butene	10.76	8.0	ng/ul	1393390	2	11.37	3486780	20.0
Benzene, pentamet...	11.56	2.7	ng/ul	471120	2	11.37	3486780	20.0
1H-Inden-1-one, 2...	12.72	3.0	ng/ul	528094	2	11.37	3486780	20.0
Naphthalene, 1-me...	13.21	15.2	ng/ul	2647400	2	11.37	3486780	20.0
Naphthalene, 2-et...	14.17	5.4	ng/ul	1113470	3	15.13	4128320	20.0
Naphthalene, 1,6-...	14.30	11.6	ng/ul	2394690	3	15.13	4128320	20.0
Naphthalene, 2,3-...	14.45	14.4	ng/ul	2976580	3	15.13	4128320	20.0
1-Isopropenylnaph...	15.43	5.0	ng/ul	1041090	3	15.13	4128320	20.0
Naphthalene, 2,3,...	15.72	2.0	ng/ul	423572	3	15.13	4128320	20.0
Benzene, [1-(2,4-...	16.28	4.5	ng/ul	932839	3	15.13	4128320	20.0
(DEL) Alkane: Cyc...	21.58	4.0	ng/ul	998049	5	21.93	4947120	20.0