LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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	6.740	580	587	601	rVB3	87858	240543	1.47%	0.112%
2	6.987	617	629	639	rBV5	127017	348026	2.13%	0.163%
3	7.646	735	741	751	rBV2	558986	1047005	6.41%	0.489%
4	7.828	766	772	779	rBV	1542860	2398198	14.69%	1.121%
5	8.045	795	809	815	rBV	1635615	2817787	17.26%	1.317%
6	8.528	884	891	906	rVB	1487291	2664922	16.32%	1.246%
7	8.657	906	913	919	rBV2	136393	243457	1.49%	0.114%
8	9.075	978	984	992	rVB	144796	274120	1.68%	0.128%
9	9.163	992	999	1004	rBV	428690	712079	4.36%	0.333%
10	9.222	1004	1009	1017	rVB	1260376	2040362	12.50%	0.954%
11	9.339	1023	1029	1033	rBV	206911	335530	2.06%	0.157%
12	9.487	1048	1054	1058	rBV	273726	430853	2.64%	0.201%
13	9.540	1058	1063	1070	rVB	392567	618843	3.79%	0.289%
14	9.639	1070	1080	1086	rBV	800137	1347841	8.26%	0.630%
15	9.710	1086	1092	1100	rVB	1834155	3263476	19.99%	1.525%
16	9.892	1111	1123	1129	rBV4	340591	766499	4.70%	0.358%
17	9.981	1133	1138	1142	rVV	220395	361664	2.22%	0.169%
18	10.028	1142	1146	1157	rVB3	141022	284586	1.74%	0.133%
19	10.128	1157	1163	1166	rBV3	124123	242683	1.49%	0.113%
20	10.169	1166	1170	1176	rVV	720364	1169961	7.17%	0.547%
21	10.234	1176	1181	1187	rVB	889205	1403604	8.60%	0.656%
22	10.434	1206	1215	1220	rBV2	2150658	4054856	24.84%	1.895%
23	10.545	1227	1234	1240	rBV2	737468	1391826	8.53%	0.651%
24	10.622	1240	1247	1254	rVB2	306708	742279	4.55%	0.347%
25	10.698	1254	1260	1261	rBV	211299	273785	1.68%	0.128%
26	10.757	1266	1270	1275	rVV	752374	1235251	7.57%	0.577%
27	10.816	1275	1280	1289	rVB2	839337	1430749	8.76%	0.669%
28	10.904	1289	1295	1297	rBV	438317	730153	4.47%	0.341%
29	10.934	1297	1300	1303	rVV	554391	882425	5.41%	0.412%
30	10.975	1303	1307	1314	rVV	2161697	3742891	22.93%	1.750%
31	11.045	1314	1319	1327	rVB	684045	1142880	7.00%	0.534%
32	11.228	1343	1350	1355	rBV3	351201	681445	4.17%	0.319%
33	11.375	1369	1375	1380	rBV2	1787139	3344656	20.49%	1.563%
34	11.422	1380	1383	1388	rVB2	651885	972301	5.96%	0.454%

LSC Area Percent Report

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Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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	11.475	1388	1392	1400	rVB3	123109	298354	1.83%	0.139%
36	11.563	1400	1407	1415	rVB	235612	400539	2.45%	0.187%
37	11.716	1427	1433	1437	rBV3	150543	294316	1.80%	0.138%
38	12.016	1480	1484	1493	rVV	121177	248513	1.52%	0.116%
39	12.722	1598	1604	1614	rVB	363147	616325	3.78%	0.288%
40	12.992	1645	1650	1660	rVB	843112	1345070	8.24%	0.629%
41	13.133	1662	1674	1678	rBV3	110065	239832	1.47%	0.112%
42	13.210	1678	1687	1694	rVV2	1182483	2101171	12.87%	0.982%
43	13.975	1812	1817	1824	rVB	281818	435067	2.67%	0.203%
44	14.169	1845	1850	1860	rVB	354660	702345	4.30%	0.328%
45	14.292	1860	1871	1882	rBV	621948	1661397	10.18%	0.777%
46	14.451	1891	1898	1903	rBV	1296147	2295985	14.06%	1.073%
47	14.516	1903	1909	1914	rVV	3862897	6064306	37.15%	2.835%
48	14.563	1914	1917	1924	rVB	444953	617758	3.78%	0.289%
49	14.686	1933	1938	1941	rBV	427621	617966	3.79%	0.289%
50	14.722	1941	1944	1950	rVB	256662	369809	2.27%	0.173%
51	14.827	1955	1962	1975	rBV	4338592	7196947	44.09%	3.364%
52	15.127	2008	2013	2018	rVV2	2598122	4130933	25.30%	1.931%
53	15.192	2018	2024	2031	rVV	10581492	16324967	100.00%	7.631%
54	15.280	2031	2039	2044	rVV5	375674	742054	4.55%	0.347%
55	15.427	2055	2064	2072	rVV	484957	959182	5.88%	0.448%
56	15.521	2073	2080	2086	rVV	7011292	10484418	64.22%	4.901%
57	15.721	2107	2114	2120	rBV2	187168	343144	2.10%	0.160%
58	15.916	2145	2147	2153	rVB2	162352	238539	1.46%	0.112%
59	16.104	2169	2179	2184	rVV2	5264016	9061583	55.51%	4.236%
60	16.163	2184	2189	2193	rVV	10827487	15380774	94.22%	7.189%
61	16.204	2193	2196	2201	rVV	1650133	2219899	13.60%	1.038%
62	16.251	2201	2204	2206	rVV	338581	476685	2.92%	0.223%
63	16.280	2206	2209	2212	rVV2	535621	839309	5.14%	0.392%
64	16.316	2212	2215	2221	rVV3	654182	1162793	7.12%	0.544%
65	16.368	2221	2224	2227	rVV	226692	330725	2.03%	0.155%
66	16.410	2227	2231	2233	rVV	420950	610479	3.74%	0.285%
67	16.445	2233	2237	2246	rVB	948402	1366997	8.37%	0.639%
68	16.592	2255	2262	2270	rVV	915249	1880535	11.52%	0.879%
69	16.821	2294	2301	2309	rVB3	817234	1612108	9.88%	0.754%
70	16.939	2316	2321	2330	rVB	572193	836245	5.12%	0.391%
71	17.145	2345	2356	2361	rBV	442327	896672	5.49%	0.419%

LSC Area Percent Report

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Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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	17.192	2361	2364	2371	rVB	156383	243025	1.49%	0.114%
73	17.298	2377	2382	2386	rVB	217793	325123	1.99%	0.152%
74	17.457	2404	2409	2413	rBV	261661	399498	2.45%	0.187%
75	17.557	2421	2426	2431	rBV3	124033	234584	1.44%	0.110%
76	17.663	2438	2444	2449	rBV	1326589	1876178	11.49%	0.877%
77	17.839	2469	2474	2478	rVV	3043322	4790516	29.34%	2.239%
78	17.886	2478	2482	2486	rVV	8333818	11817837	72.39%	5.524%
79	17.939	2486	2491	2495	rVV	5444860	8022096	49.14%	3.750%
80	17.974	2495	2497	2502	rVV	833524	947862	5.81%	0.443%
81	18.027	2502	2506	2513	rVB	246353	372666	2.28%	0.174%
82	18.227	2536	2540	2545	rVB	352760	486853	2.98%	0.228%
83	18.668	2610	2615	2618	rBV2	599182	832560	5.10%	0.389%
84	18.751	2623	2629	2634	rVB2	484567	765927	4.69%	0.358%
85	18.892	2646	2653	2662	rBV2	1449214	2476186	15.17%	1.157%
86	19.174	2696	2701	2705	rBV	214499	307062	1.88%	0.144%
87	19.221	2705	2709	2714	rVB	325704	449074	2.75%	0.210%
88	19.504	2752	2757	2763	rVB3	181057	244793	1.50%	0.114%
89	19.721	2790	2794	2799	rBV	253396	346295	2.12%	0.162%
90	19.845	2810	2815	2820	rVB	3892158	5023968	30.77%	2.348%
91	19.904	2820	2825	2828	rBV	595100	832351	5.10%	0.389%
92	19.939	2828	2831	2837	rVB	381426	482671	2.96%	0.226%
93	20.056	2847	2851	2860	rBV4	521251	905090	5.54%	0.423%
94	20.174	2865	2871	2875	rVV	6455376	10146787	62.16%	4.743%
95	20.203	2875	2876	2882	rVB	2374803	1861182	11.40%	0.870%
96	21.580	3106	3110	3118	rBV5	571586	819651	5.02%	0.383%
97	21.927	3163	3169	3174	rBV	3792573	5327137	32.63%	2.490%
98	23.168	3377	3380	3385	rVB	343050	461898	2.83%	0.216%
99	24.262	3557	3566	3578	rVB2	4314824	9162954	56.13%	4.283%
100	24.421	3586	3593	3603	rVB2	2302380	4930800	30.20%	2.305%

Sum of corrected areas: 213933901

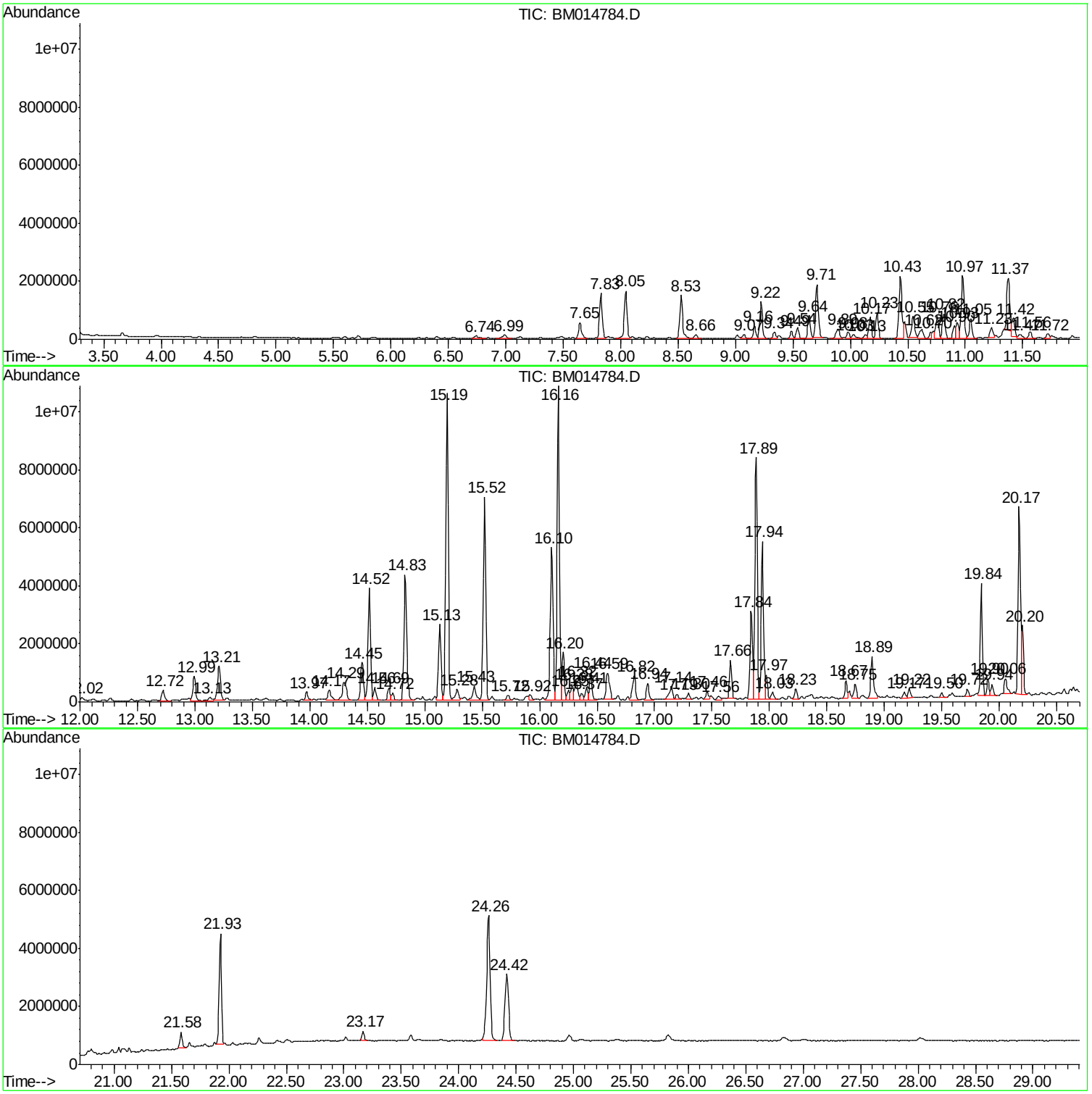
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

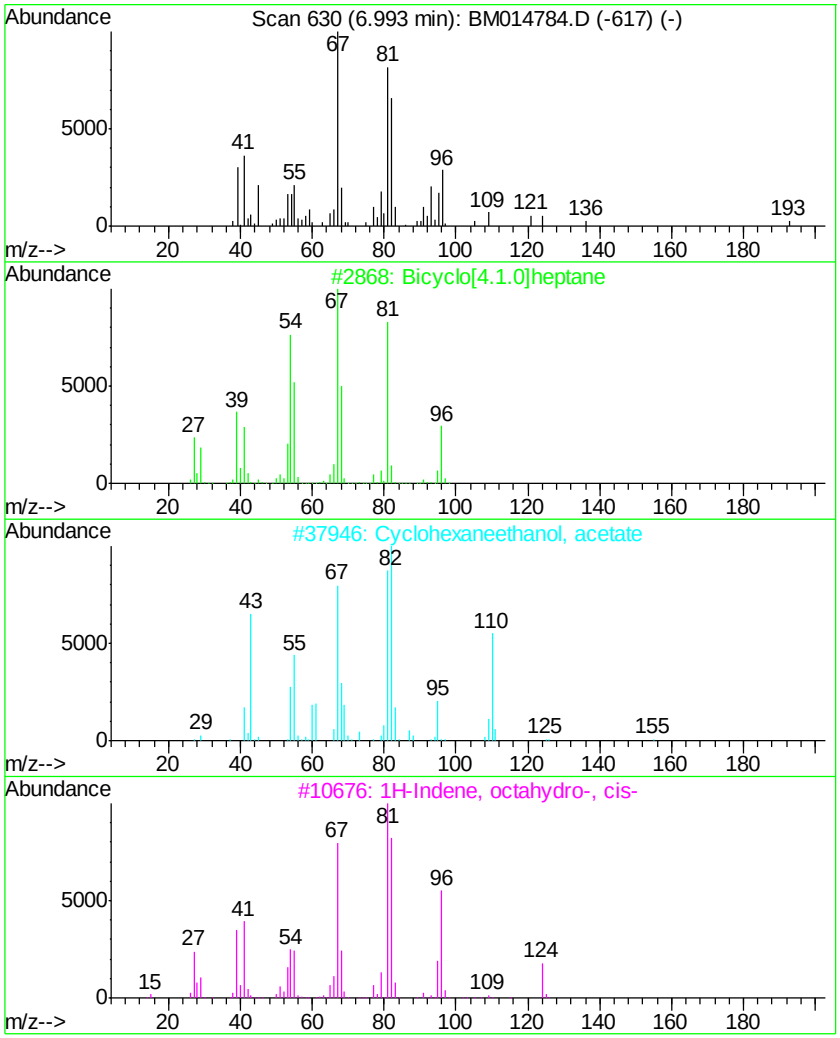
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

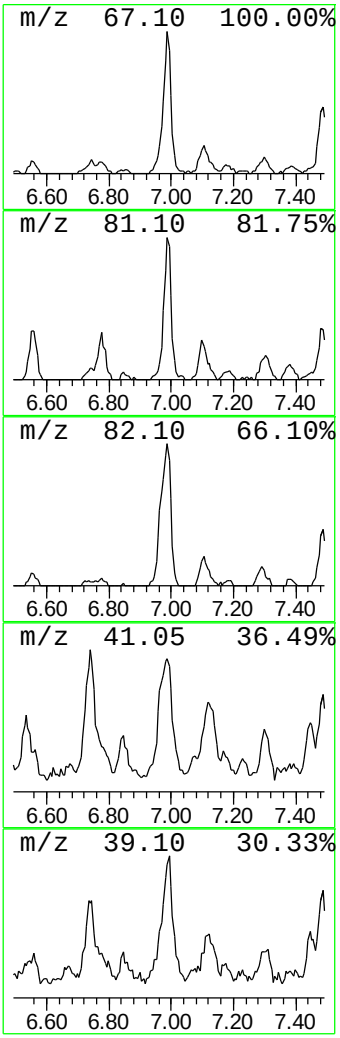
****

Peak Number 1 Bicyclo[4.1.0]heptane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.61 ng/ul	348026	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	58
2	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	53
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	50
5	trans-3-Hexen-1-ol, pentafluorop...	246	C9H11F5O2	1000352-30-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

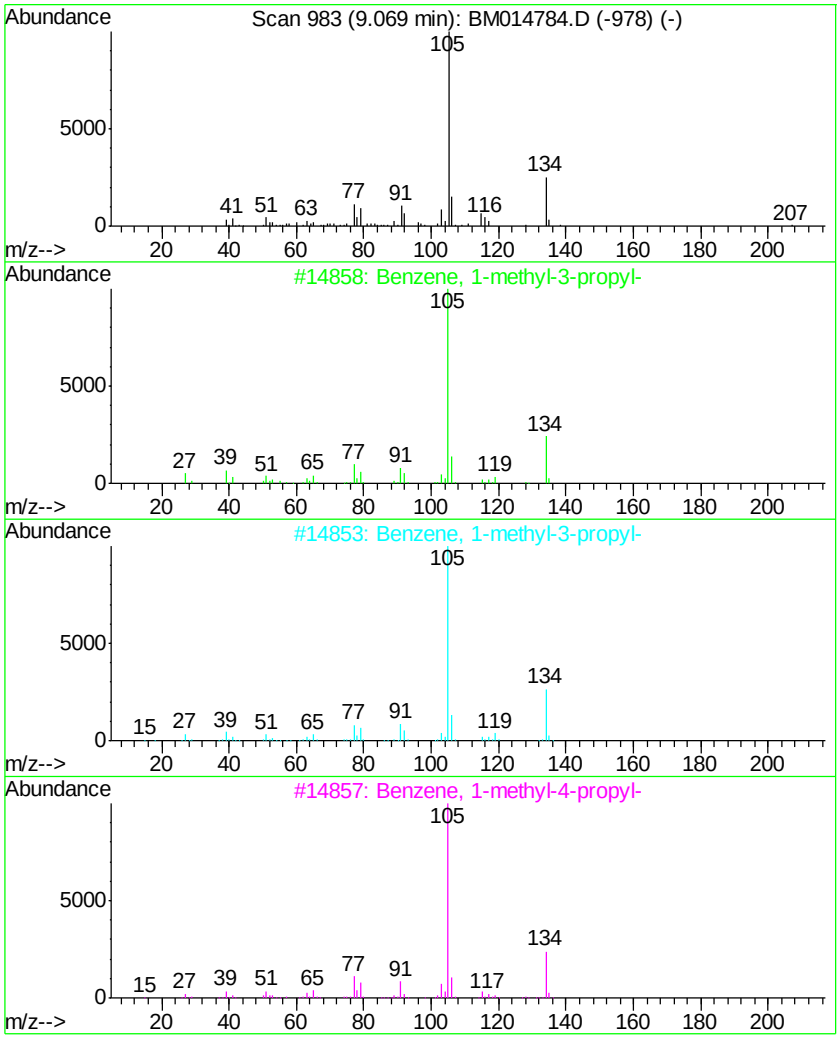
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

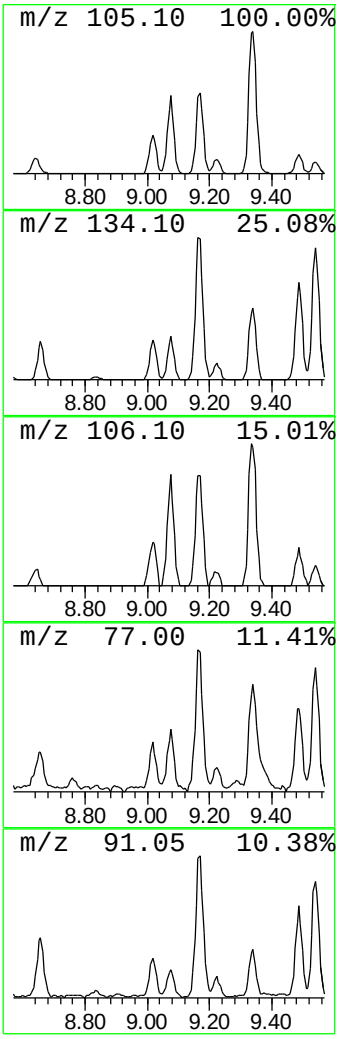
****

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.06 ng/ul	274120	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	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

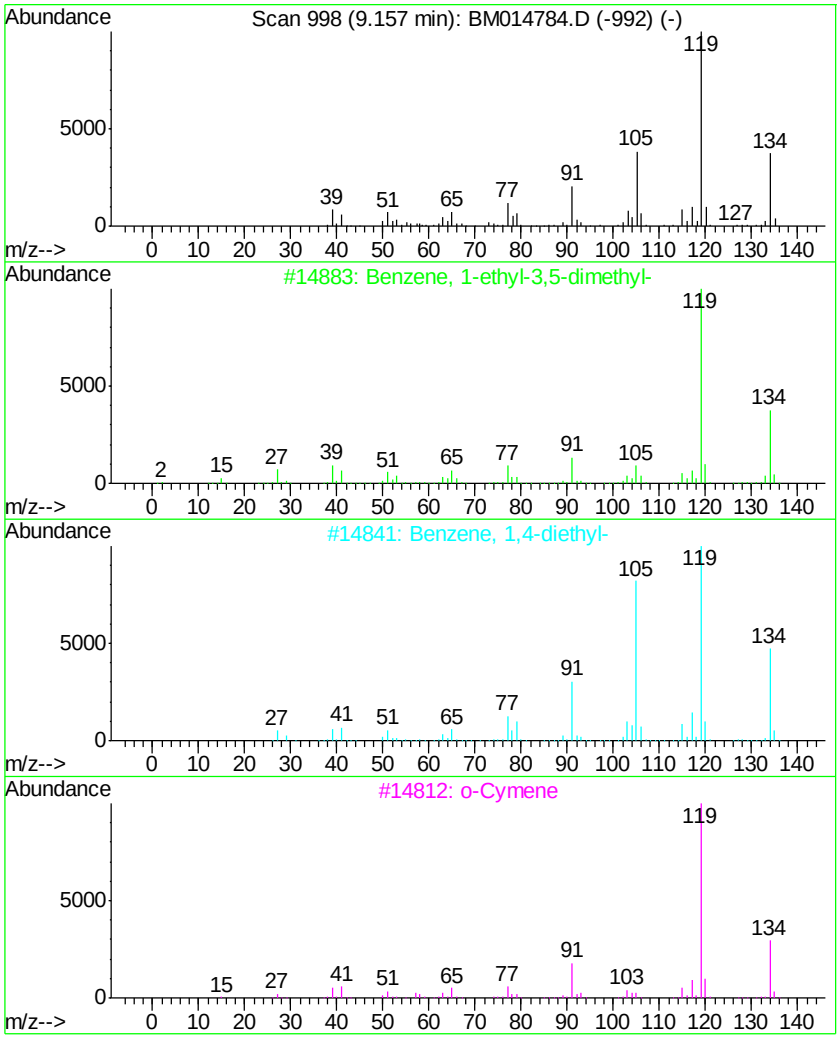
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

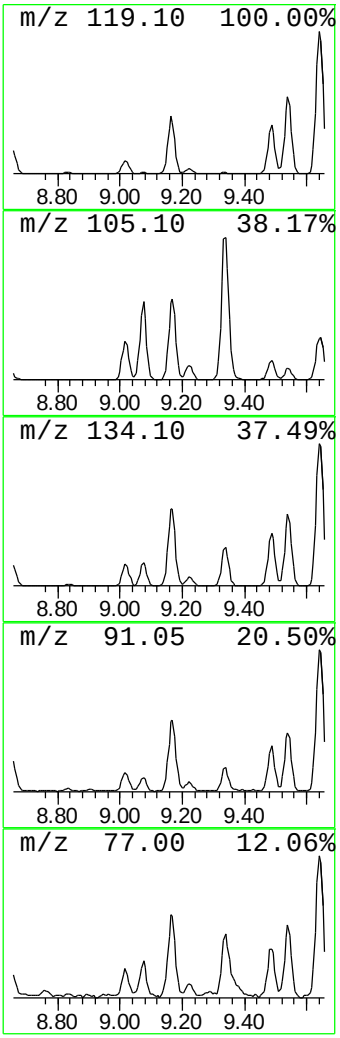
****

Peak Number 3 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	5.34 ng/ul	712079	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	p-Cymene	134	C10H14	000099-87-6	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

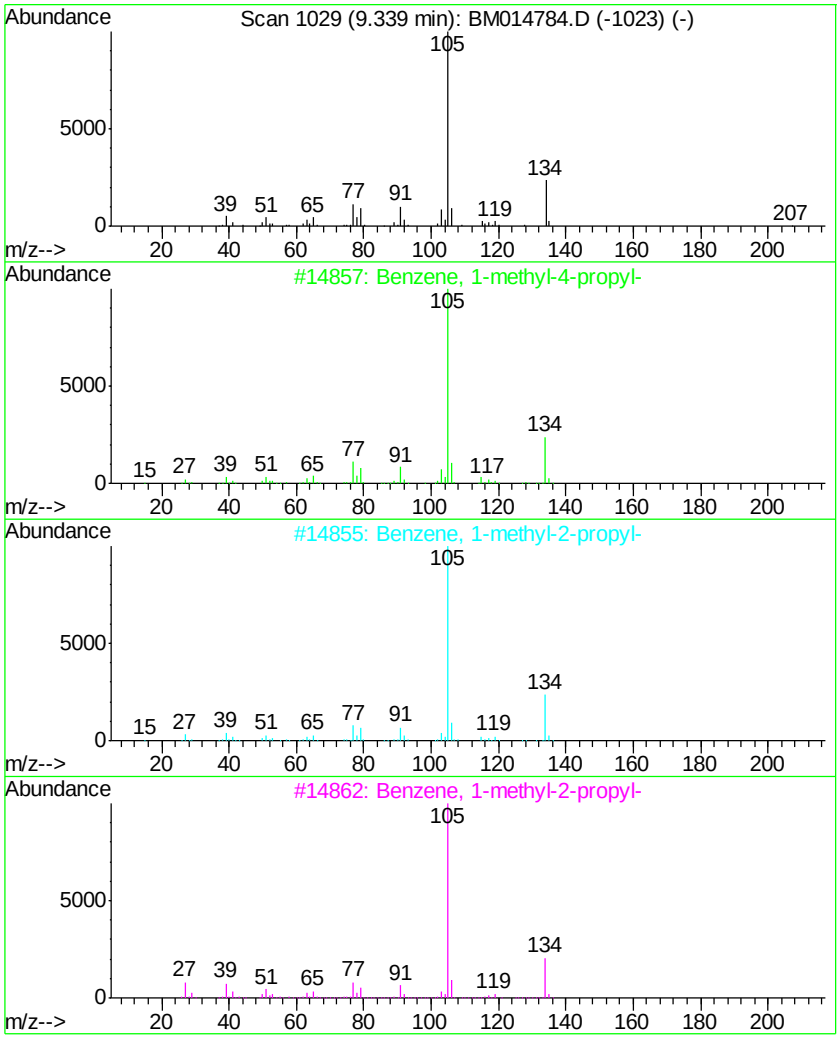
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

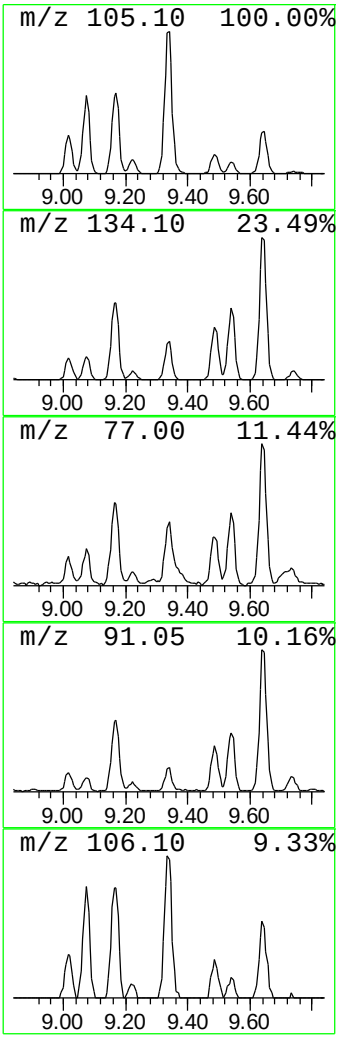
****

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.52 ng/ul	335530	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-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

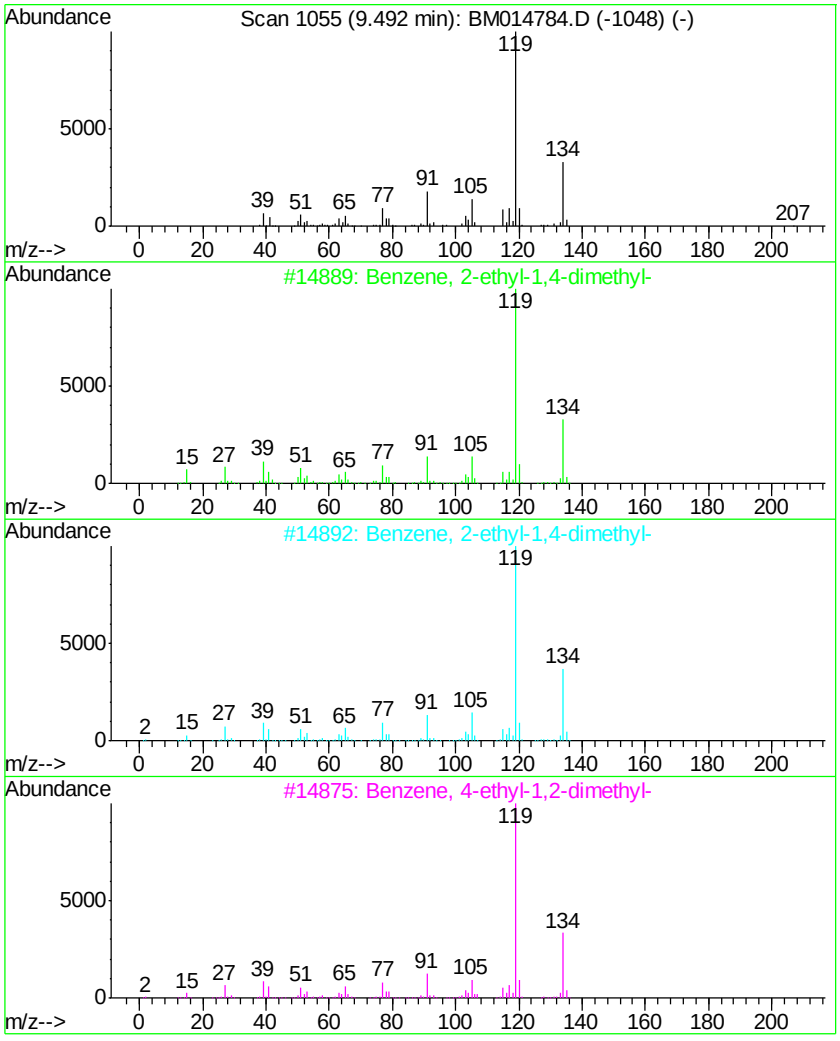
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

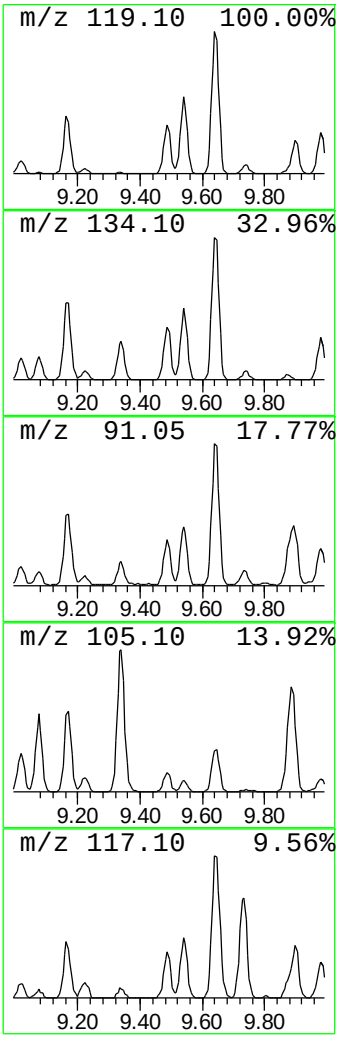
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.23 ng/ul	430853	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

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Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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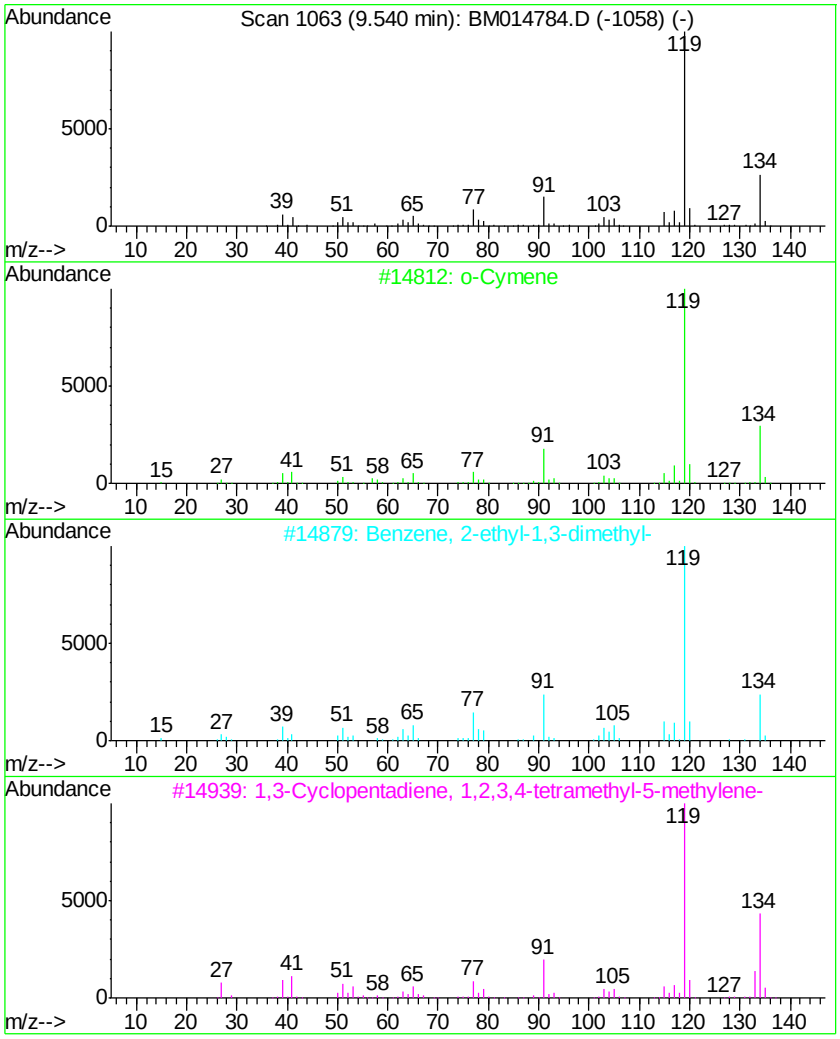
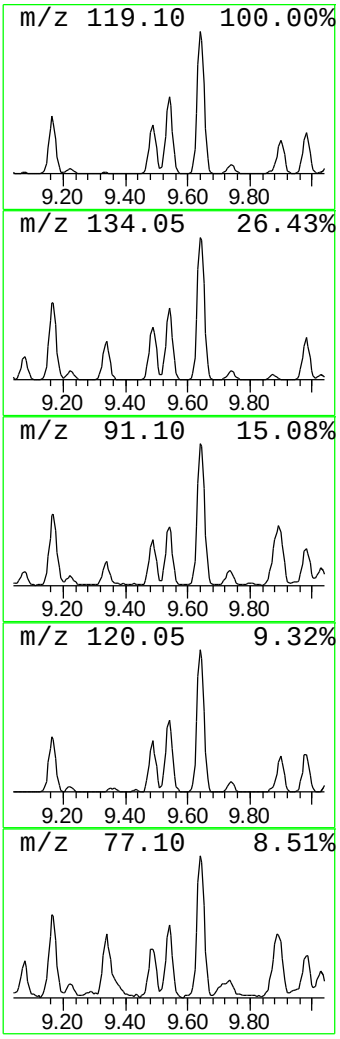
Peak Number 6 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	4.64 ng/ul	618843	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Sample : J2431-06
Misc :
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Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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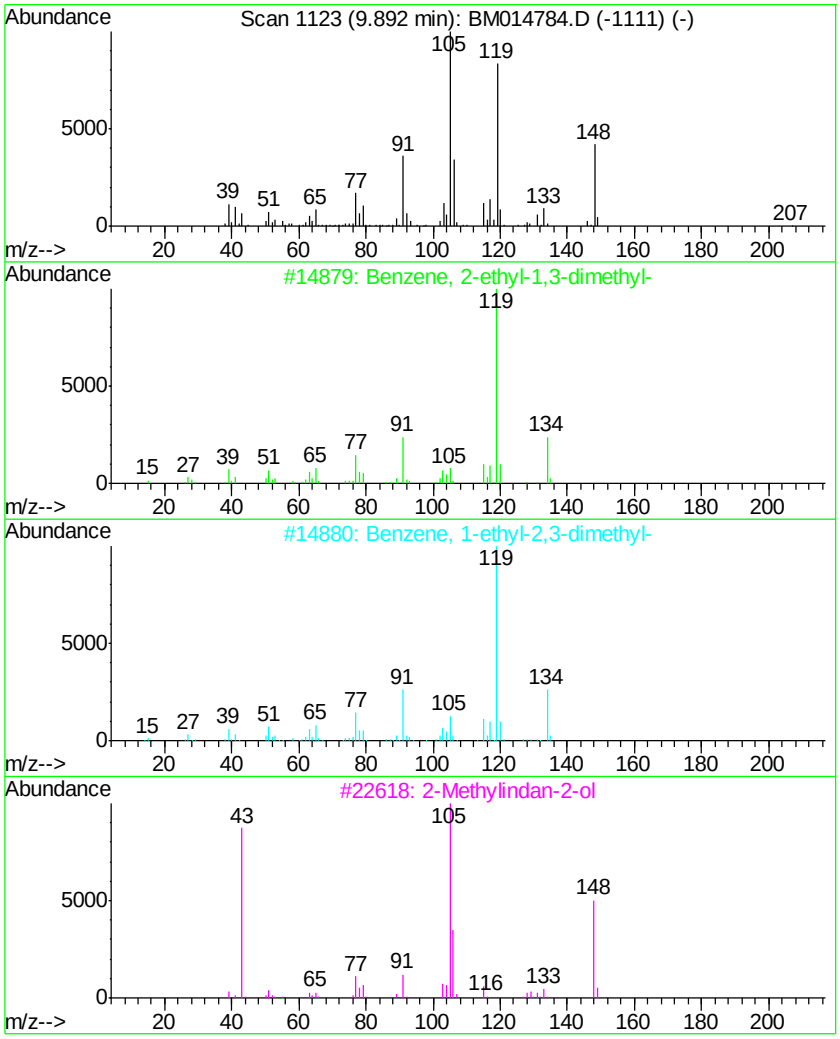
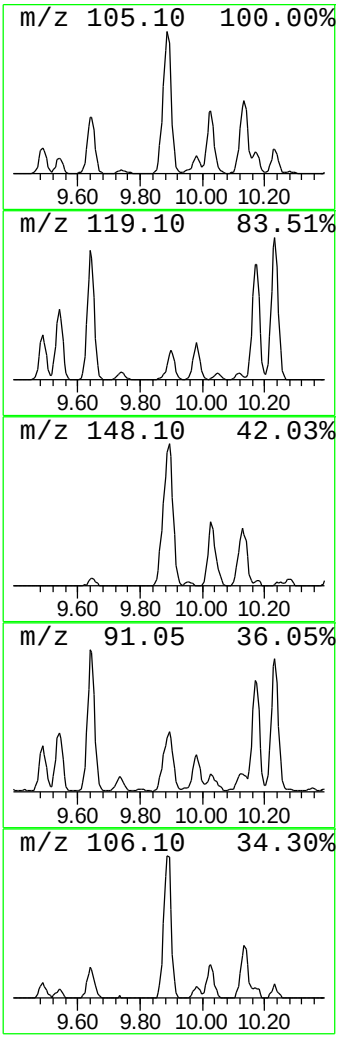
Peak Number 8 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	5.75 ng/ul	766499	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43





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Misc :
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Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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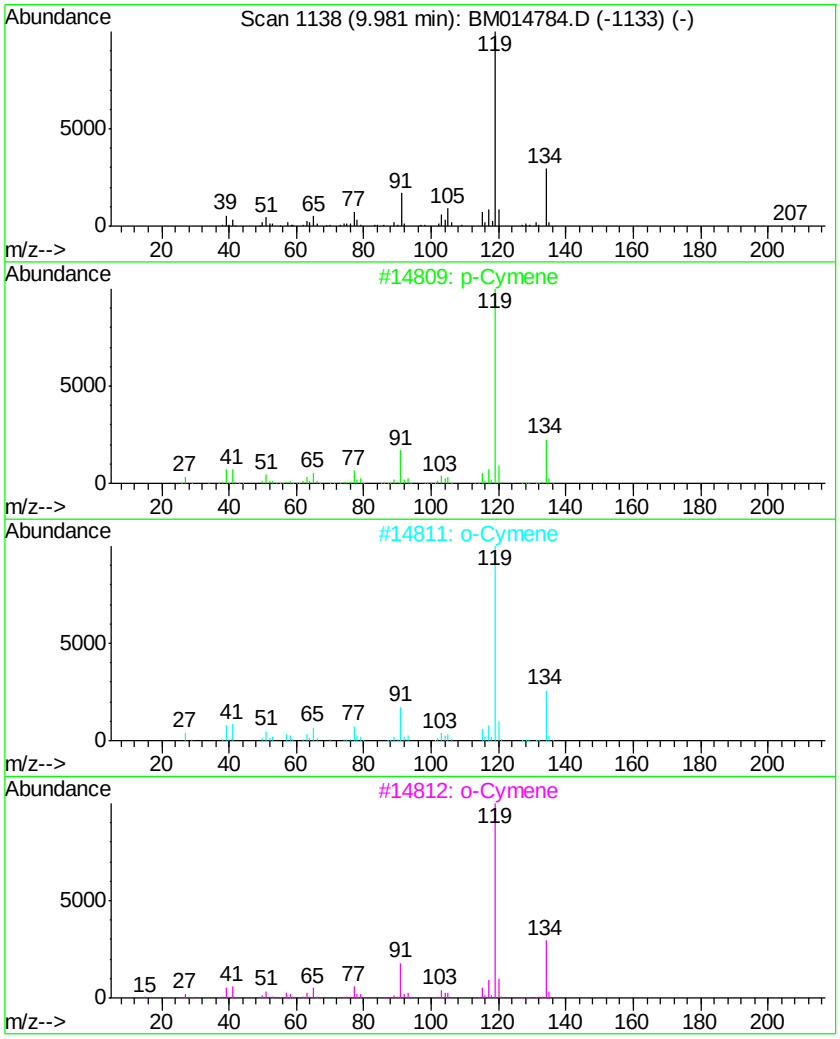
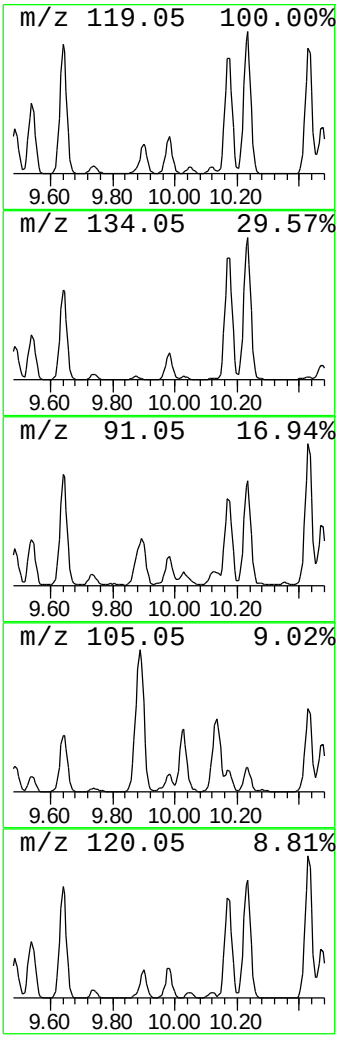
Peak Number 9 p-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.16 ng/ul	361664	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Instrument : BNA_M
ClientSampleId : DASN7

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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, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	7.00 ng/ul	1169960	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
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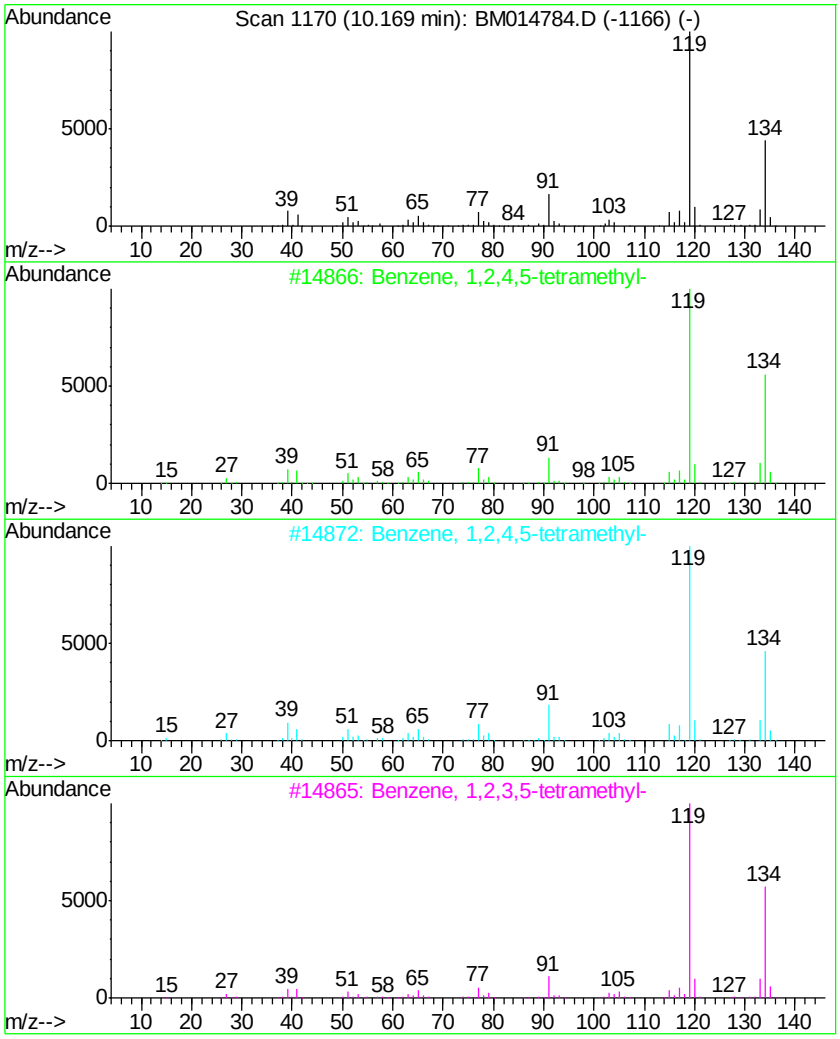

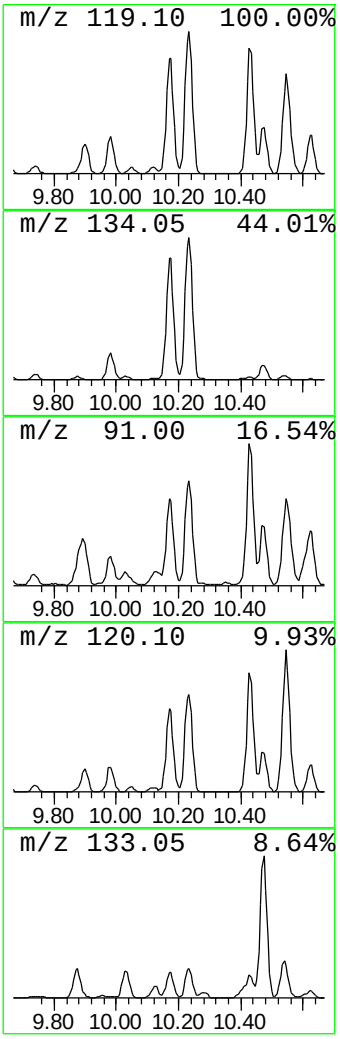

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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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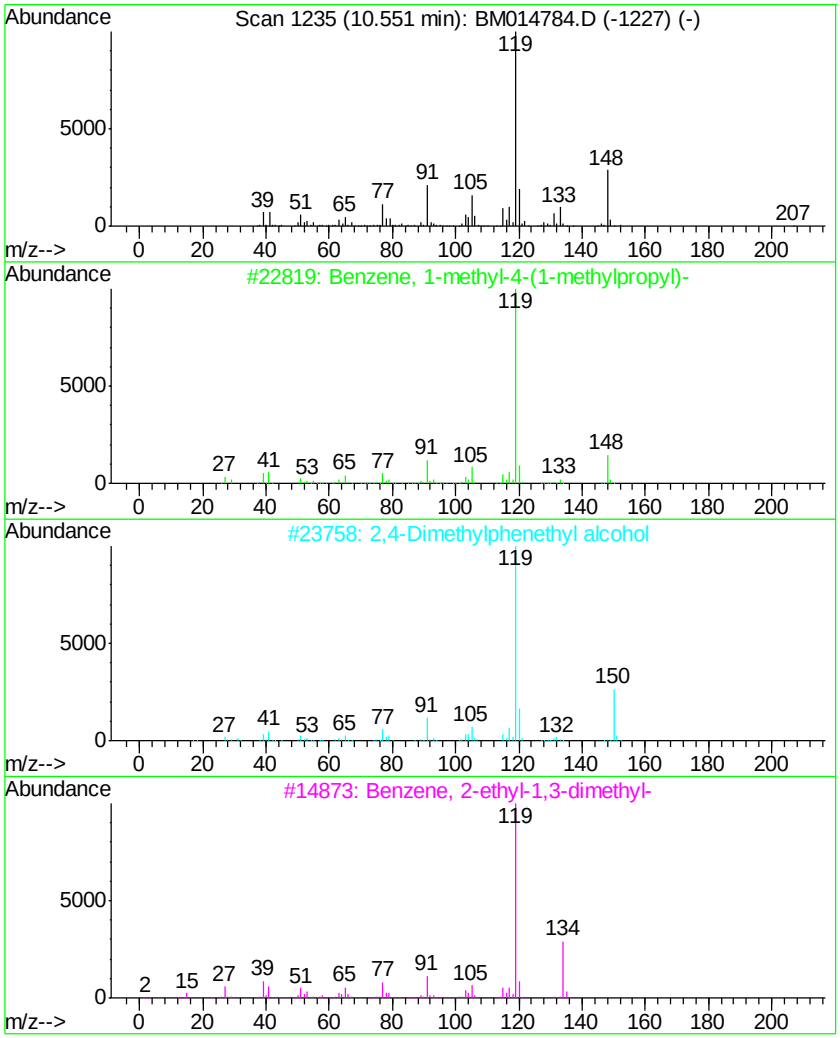
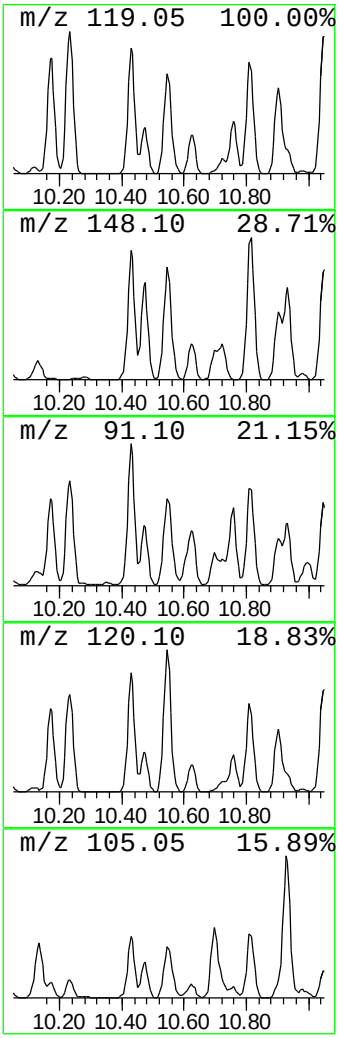
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	8.32 ng/ul	1391830	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	81
2	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	64
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	59





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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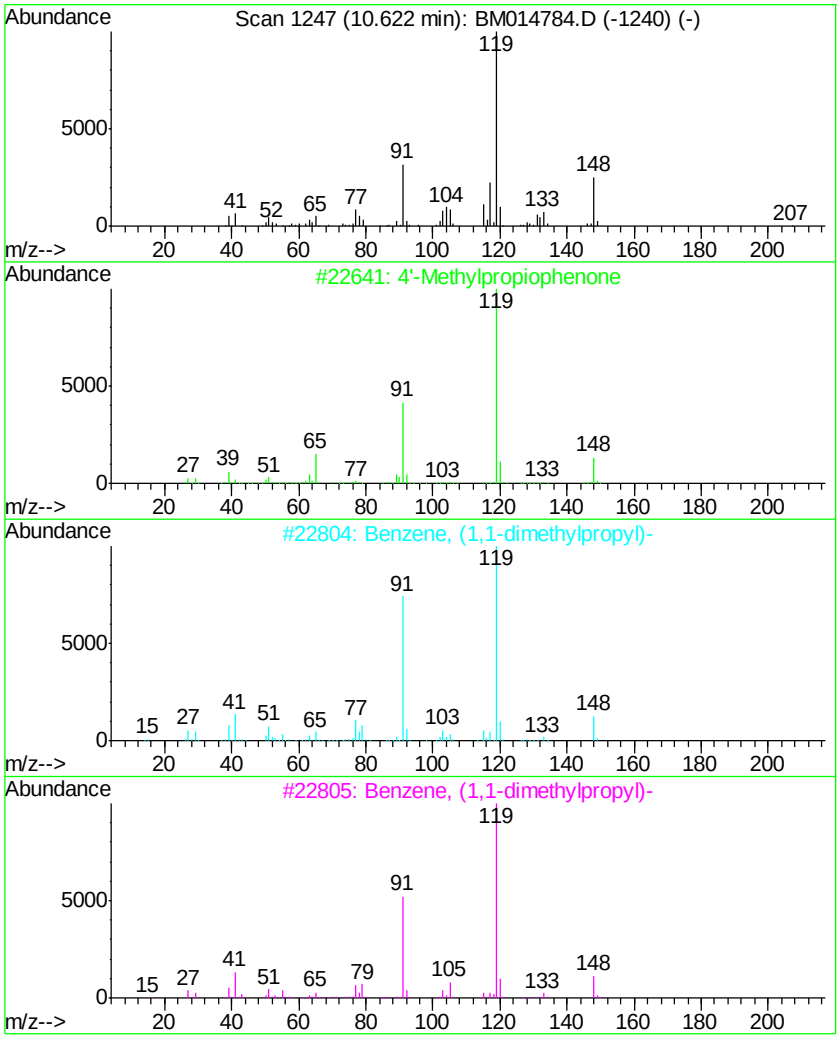
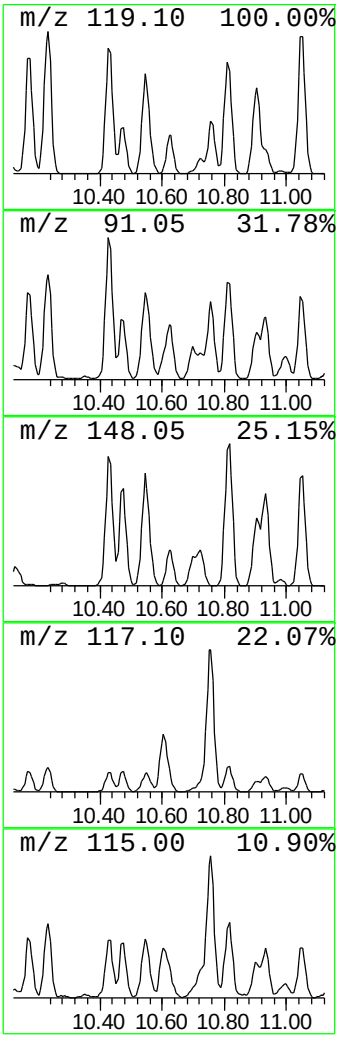
Peak Number 13 4'-Methylpropiophenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.44 ng/ul	742279	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4'-Methylpropiophenone	148	C10H12O	005337-93-9	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	58
5	o-Cymene	134	C10H14	000527-84-4	58





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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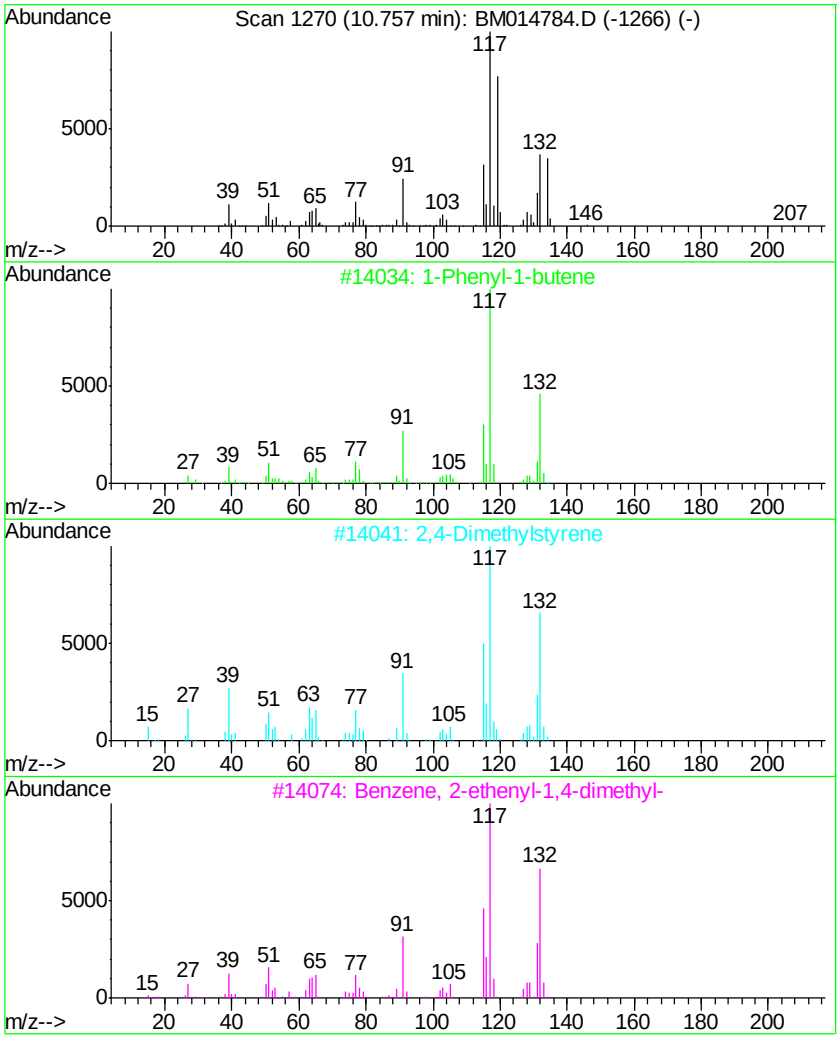
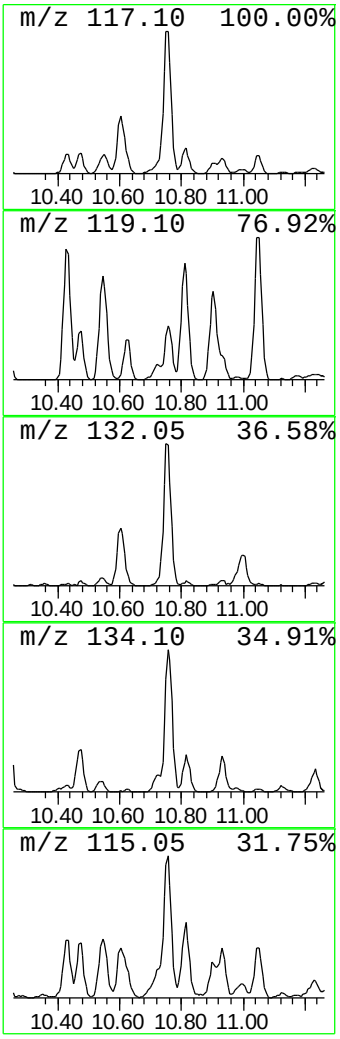
Peak Number 14 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.39 ng/ul	1235250	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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	60





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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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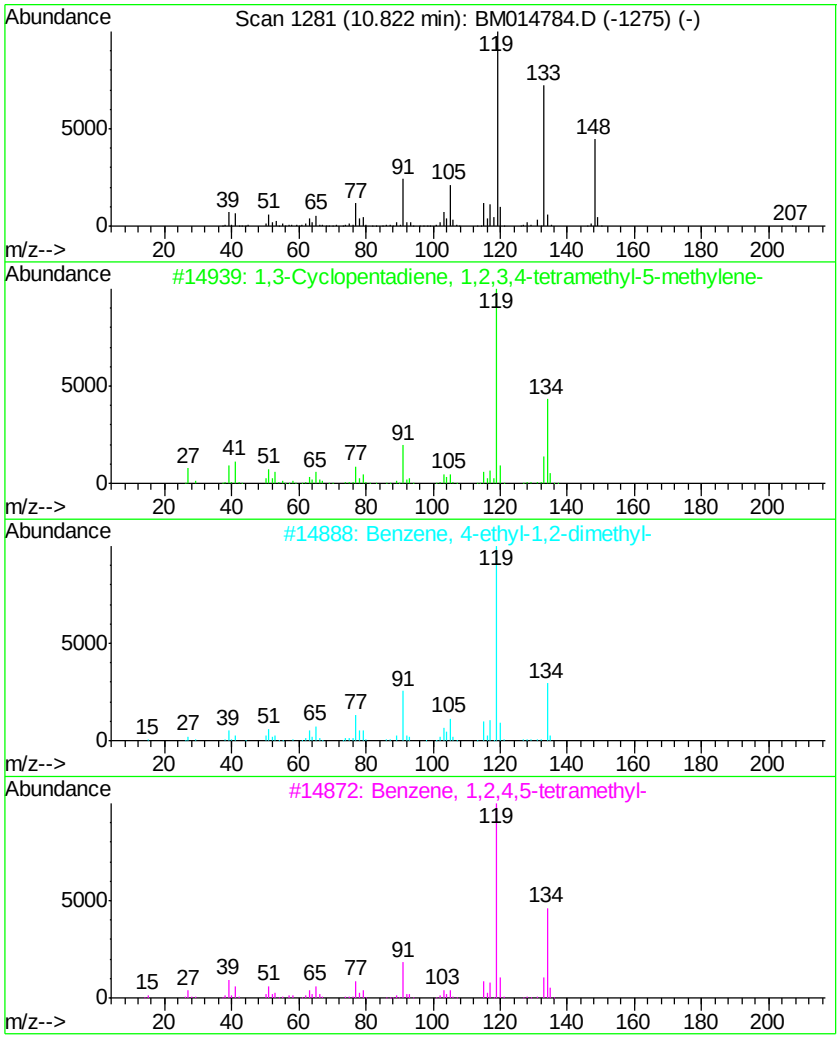
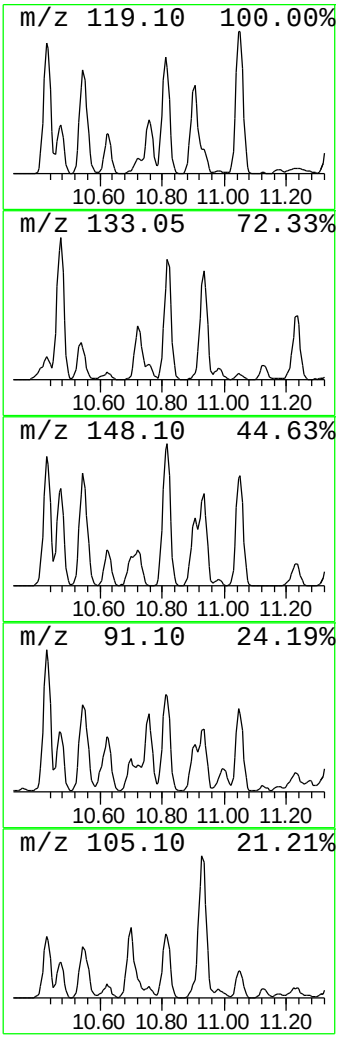
Peak Number 15 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	8.56 ng/ul	1430750	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





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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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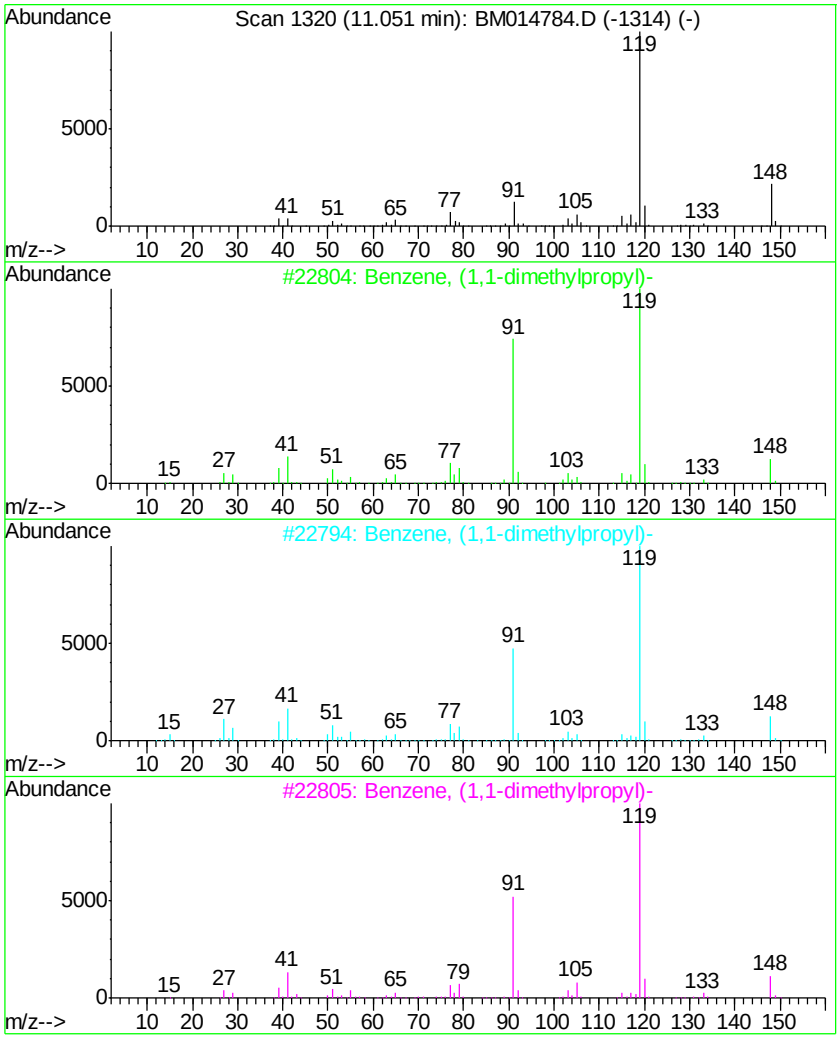
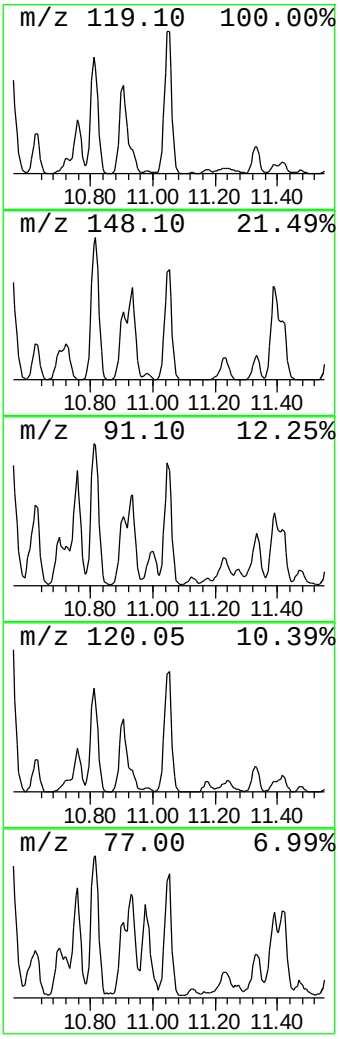
Peak Number 17 Benzene, (1,1-dimethylpropyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	6.83 ng/ul	1142880	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





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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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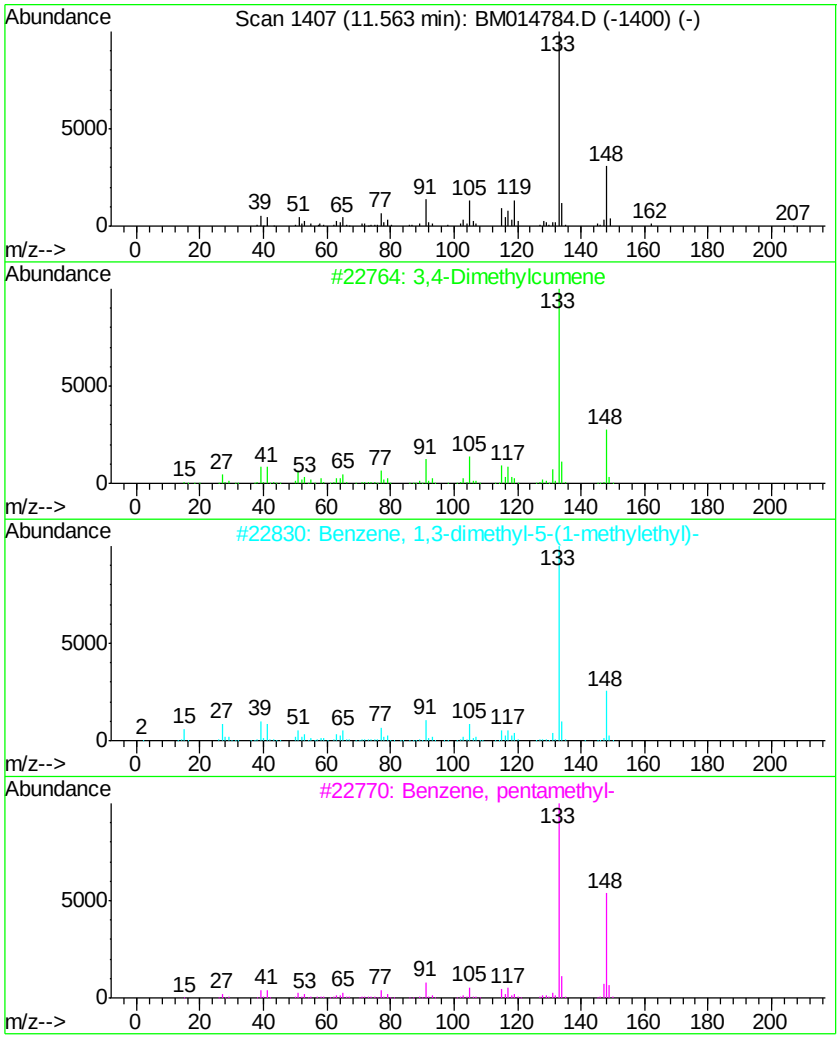
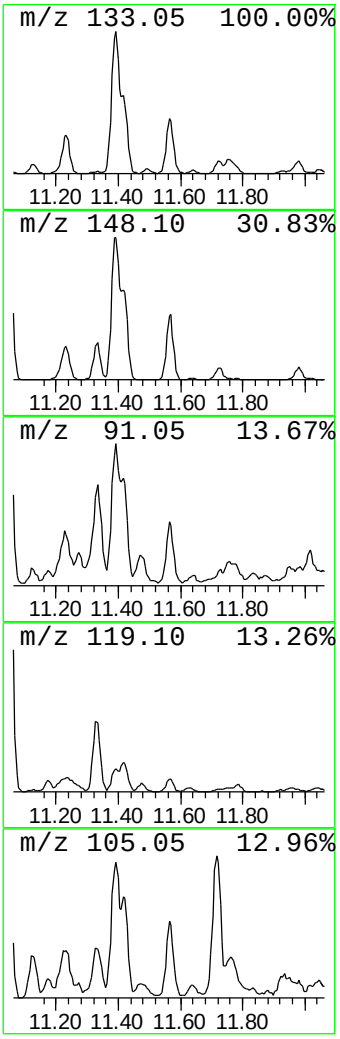
Peak Number 19 3,4-Dimethylcumene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.40 ng/ul	400539	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
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	91
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	91





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Quant Title : SVOA CALIBRATION

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

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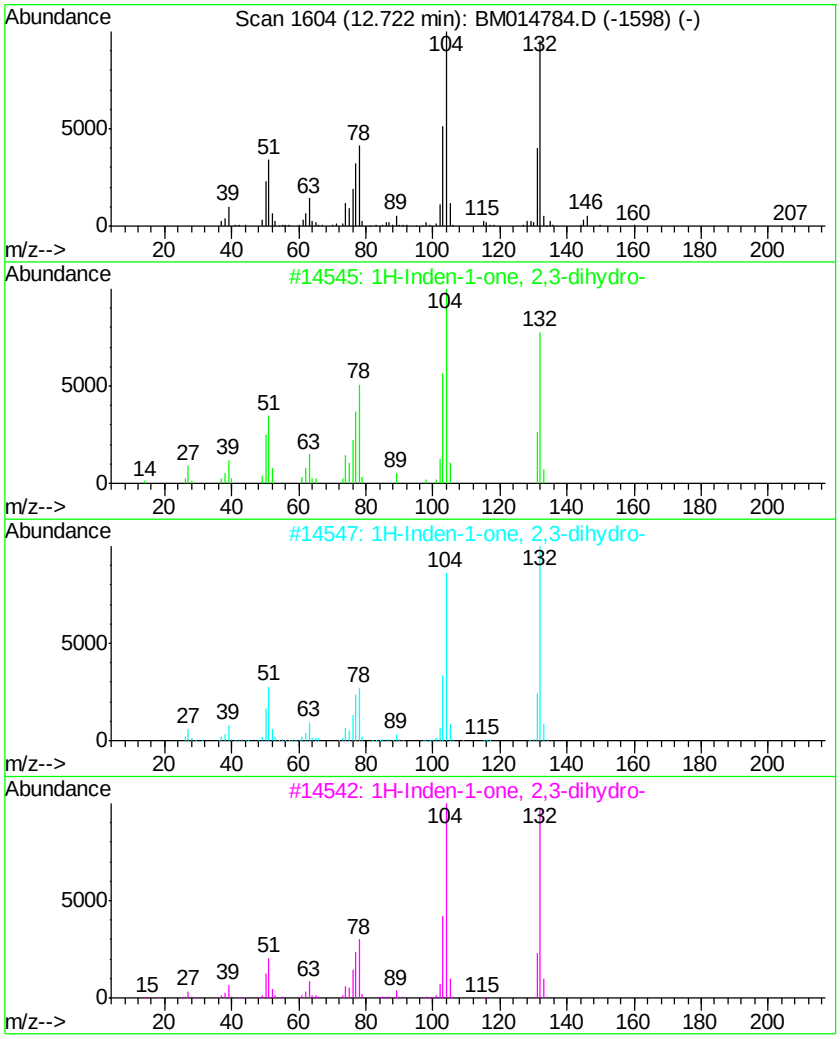
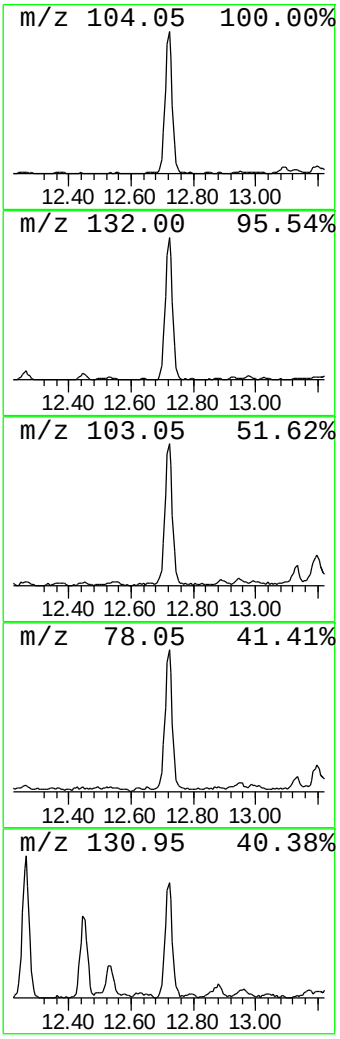
Peak Number 20 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.69 ng/ul	616325	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	95
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
4	Styrene	104	C8H8	000100-42-5	60
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60





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TIC Integration Parameters: LSCINT.P

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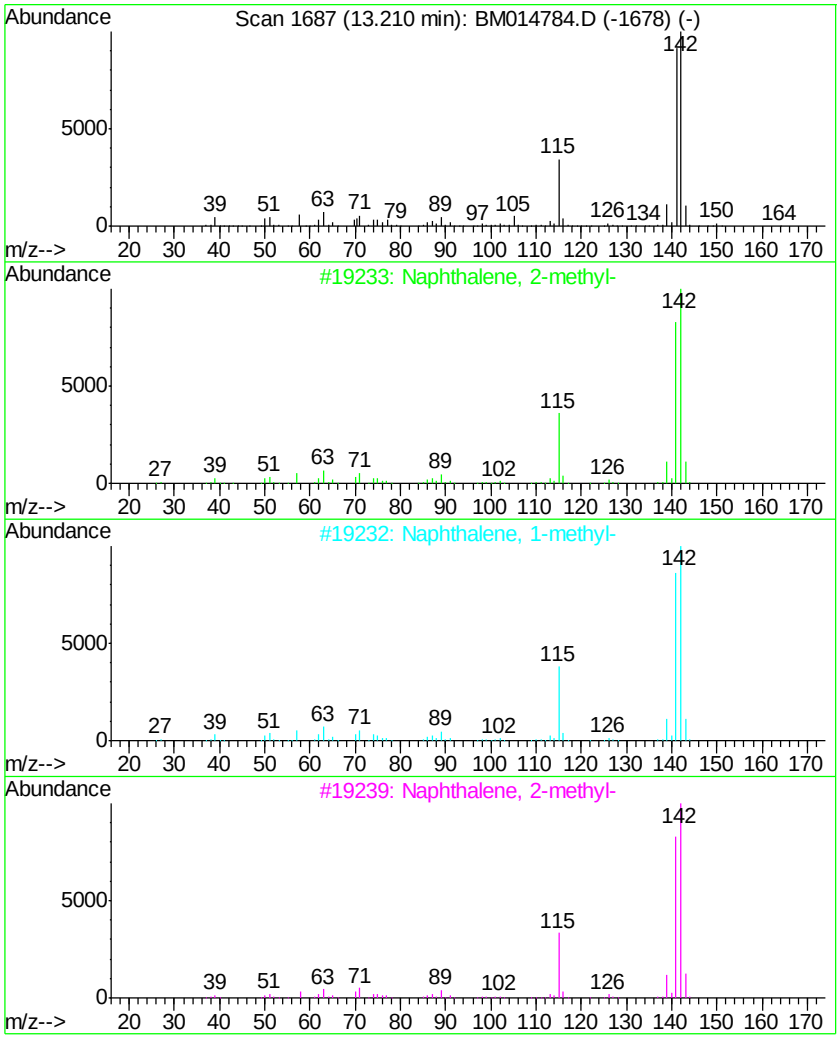
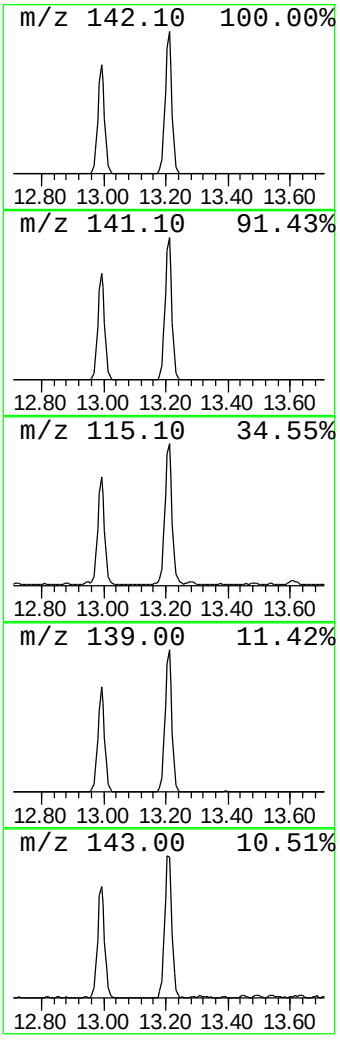
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	12.56 ng/ul	2101170	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	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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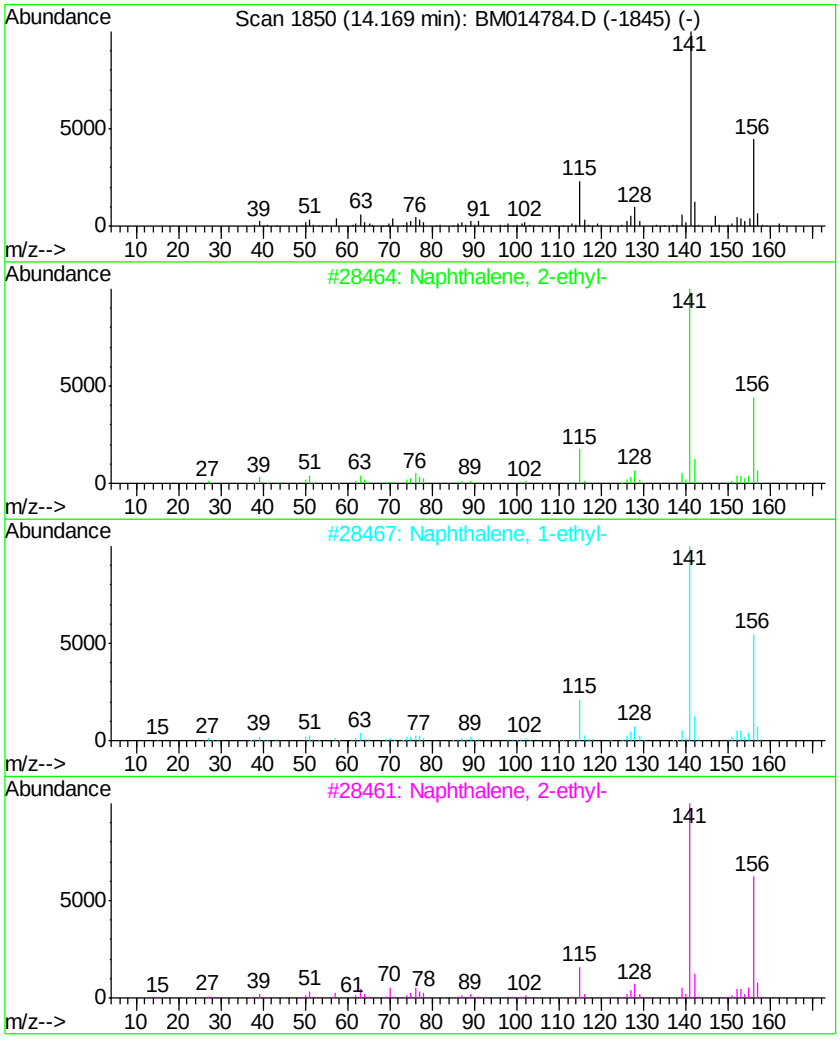
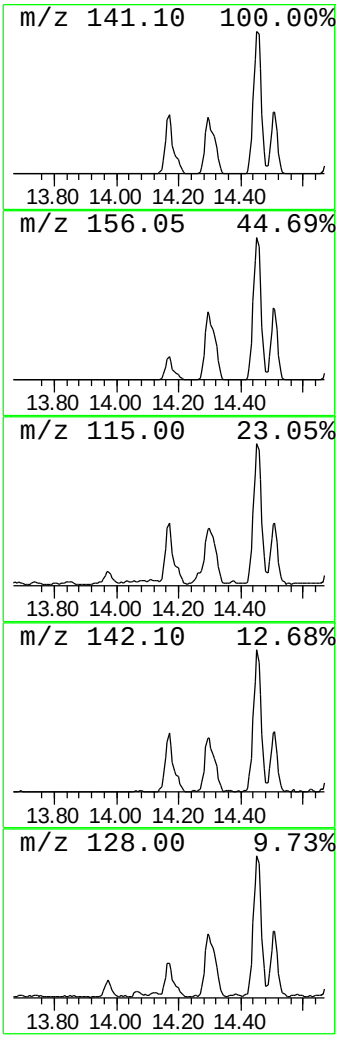
Peak Number 22 Naphthalene, 2-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.40 ng/ul	702345	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, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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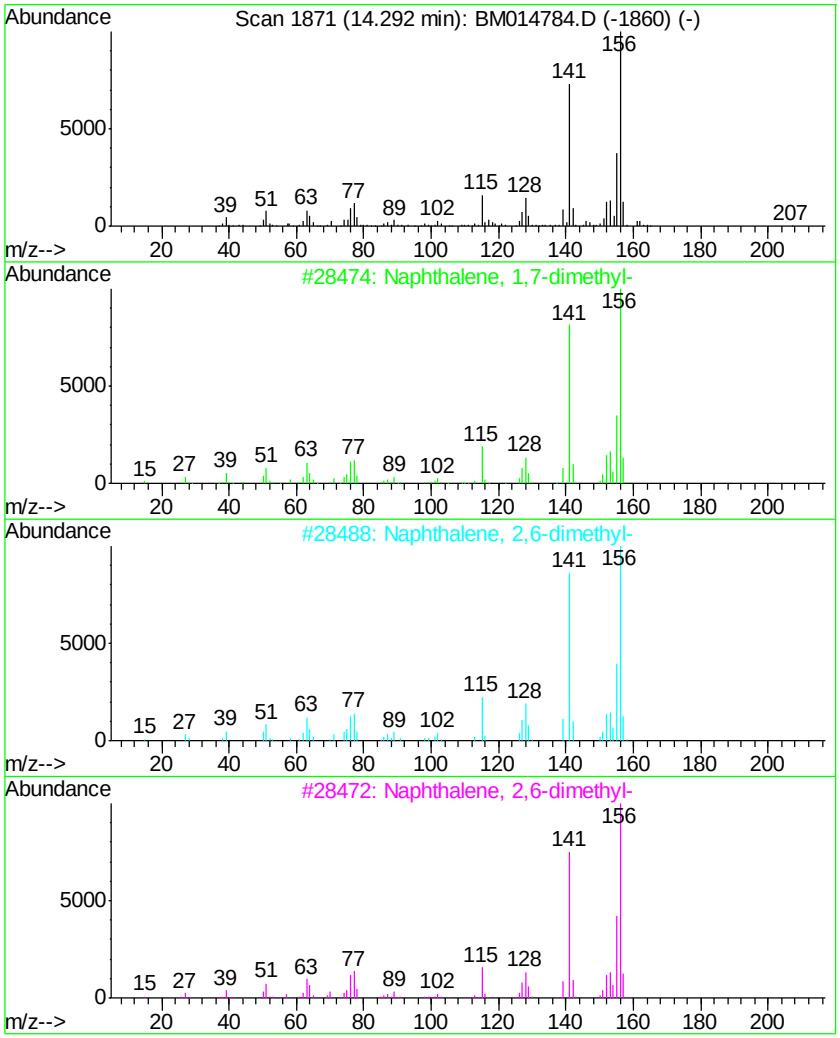
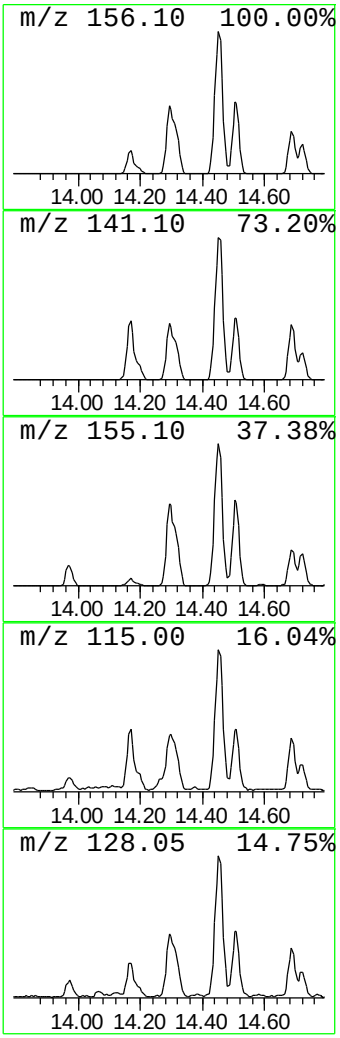
Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.04 ng/ul	1661400	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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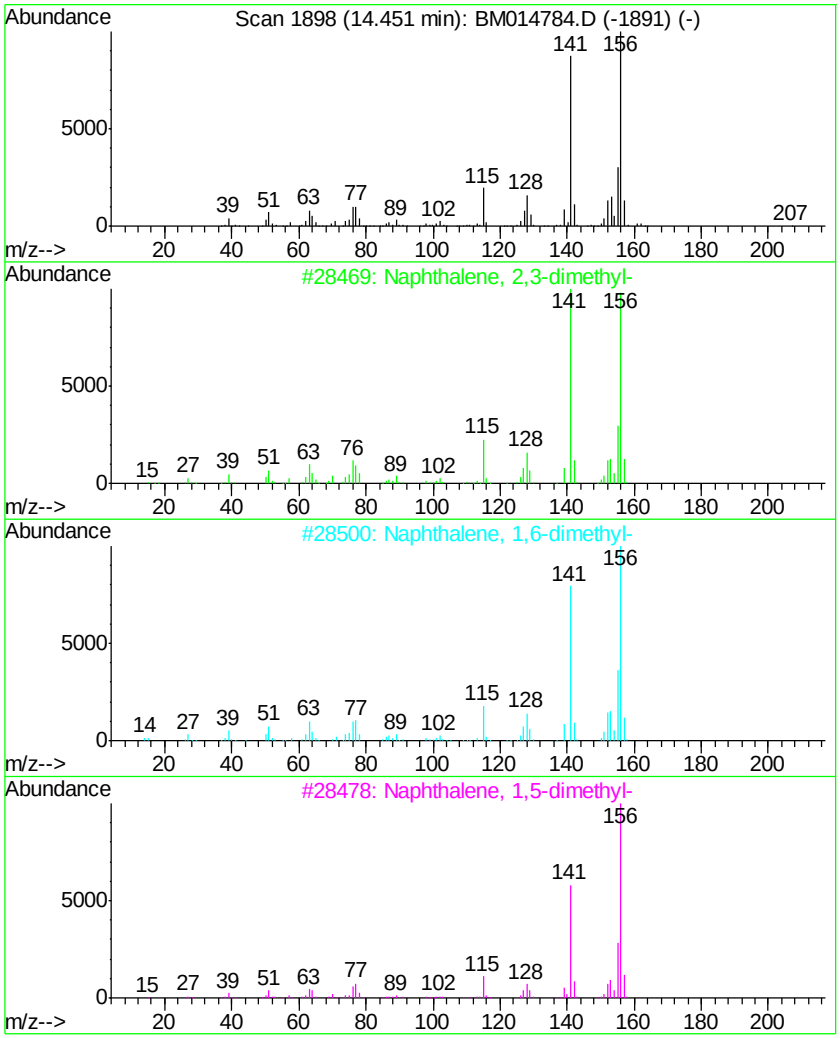
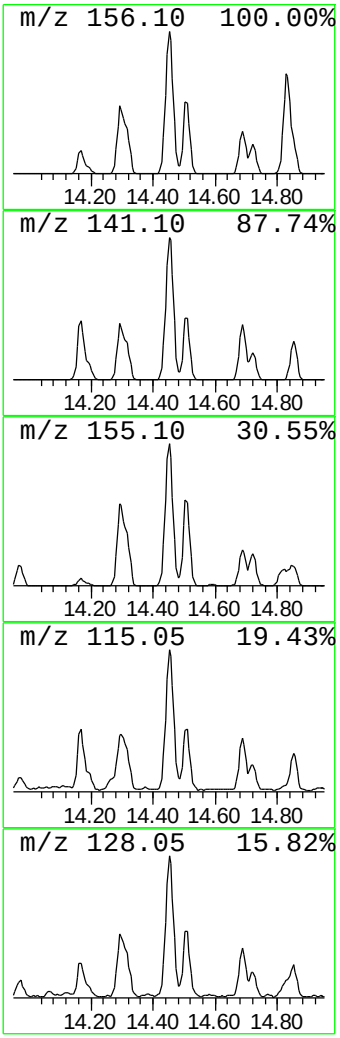
Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	11.12 ng/ul	2295990	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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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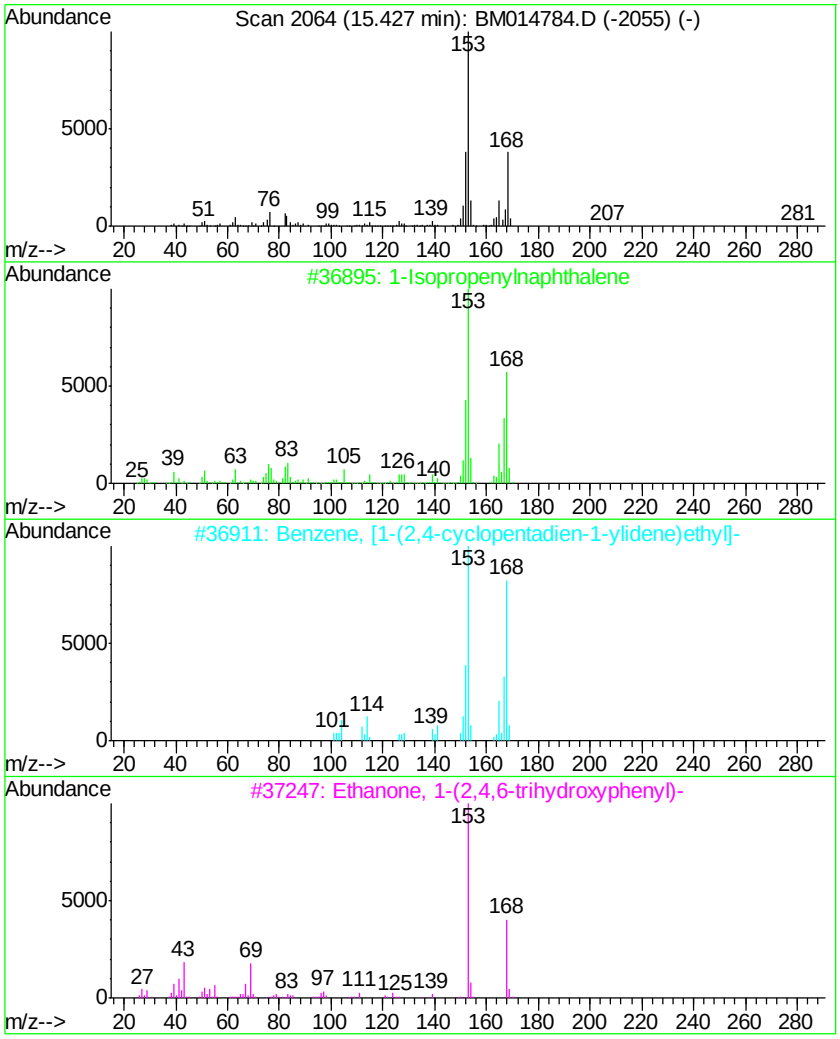
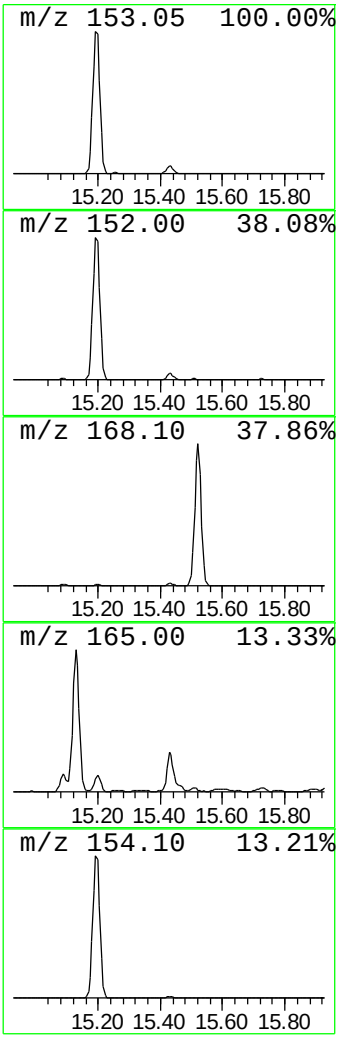
Peak Number 26 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.64 ng/ul	959182	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





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Quant Title : SVOA CALIBRATION

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

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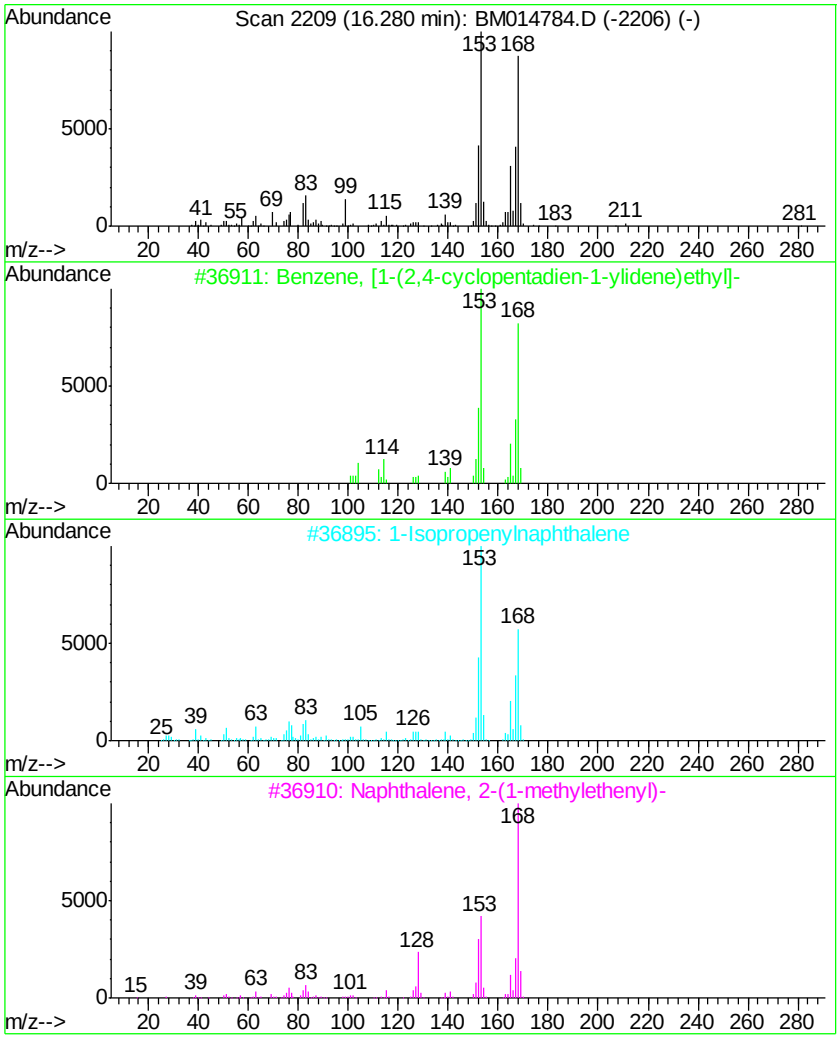
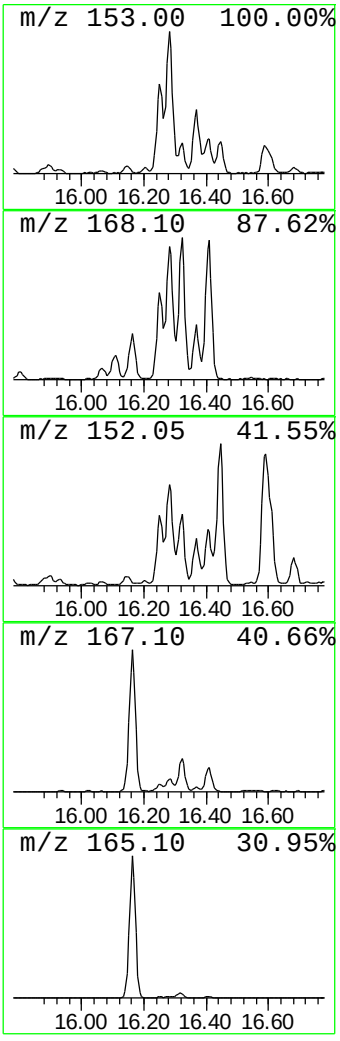
Peak Number 27 Benzene, [1-(2,4-cyclopenta... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.06 ng/ul	839309	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	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
5	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	47





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ClientSampleId : DASN7

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Quant Title : SVOA CALIBRATION

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

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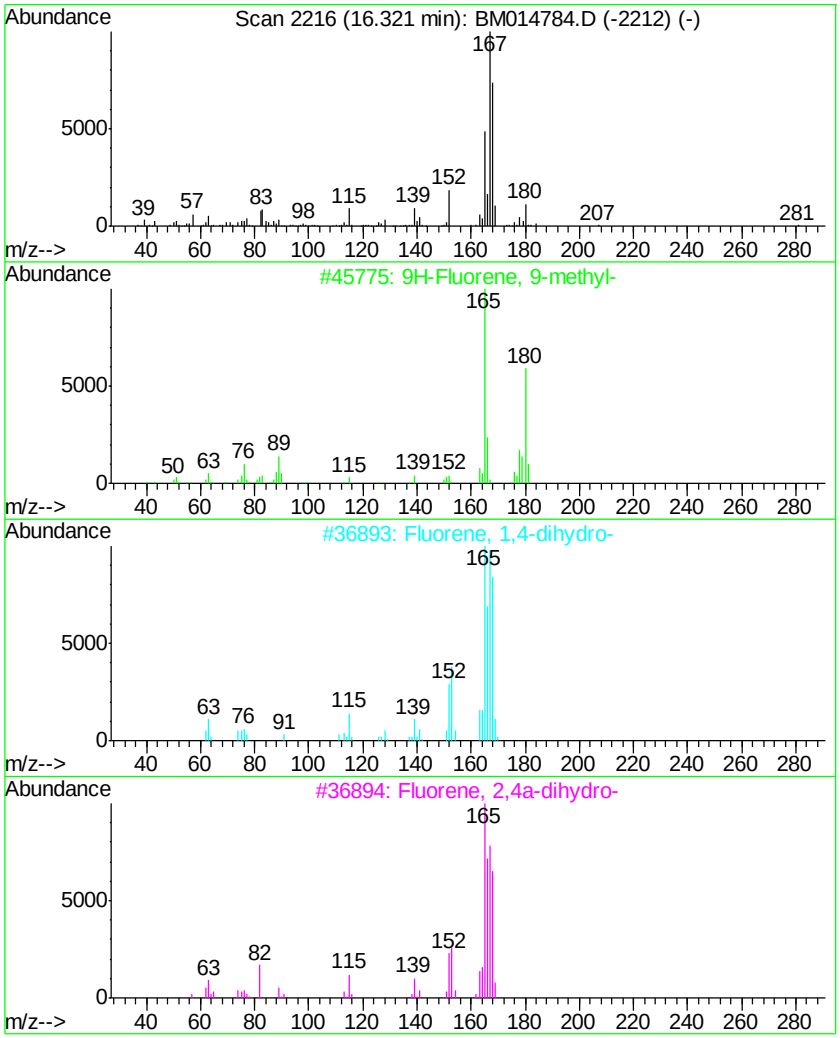
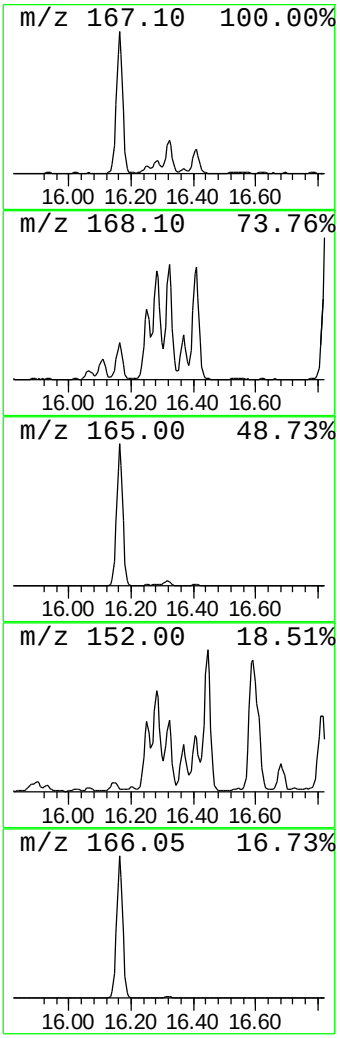
Peak Number 28 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	5.63 ng/ul	1162790	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	43
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	43
4	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	43
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41





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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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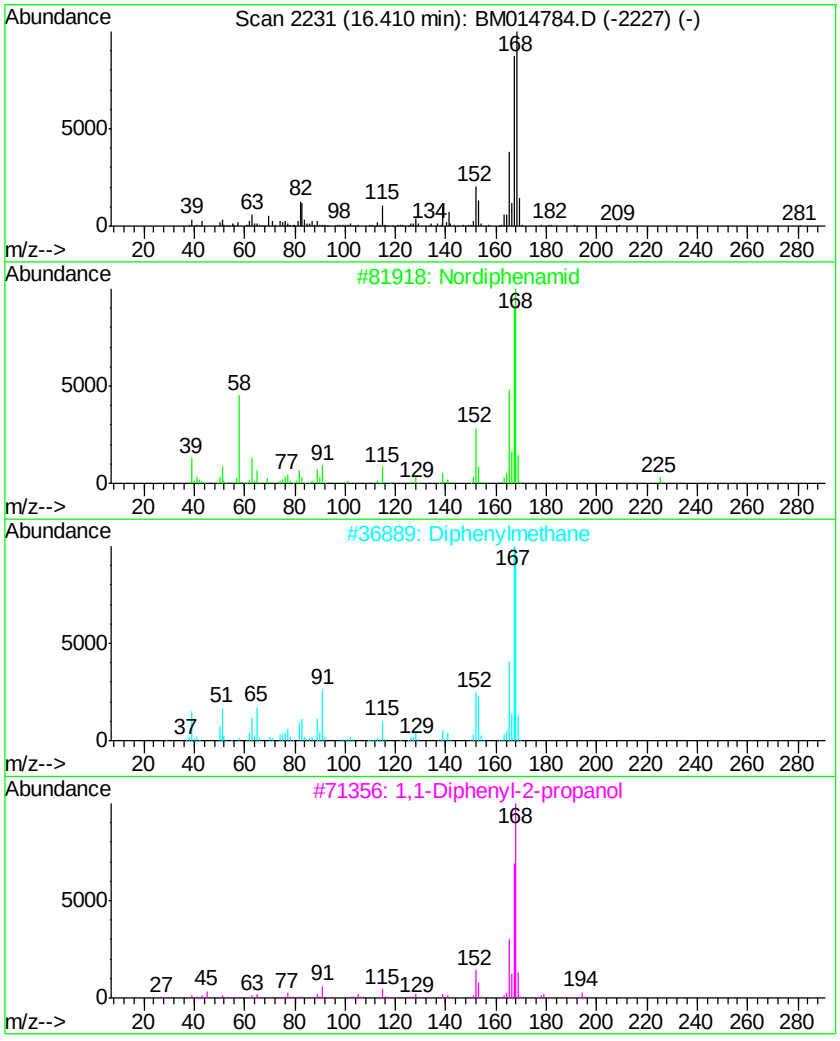
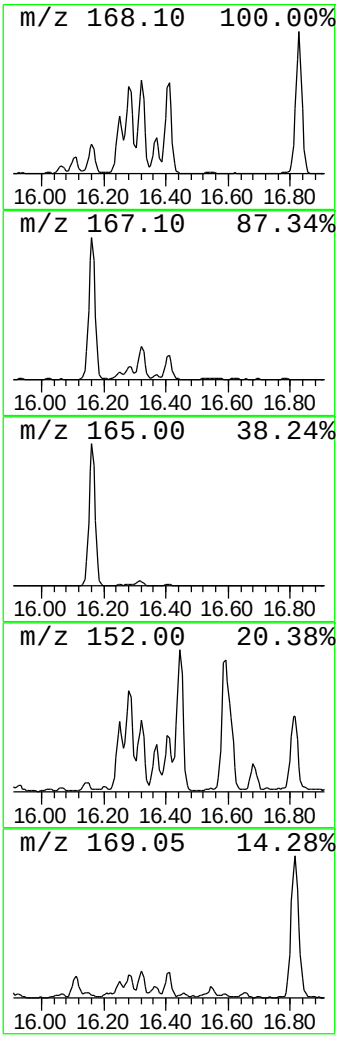
Peak Number 29 Nordiphenamid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.96 ng/ul	610479	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	Diphenylmethane	168	C13H12	000101-81-5	86
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	83
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76





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Quant Title : SVOA CALIBRATION

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

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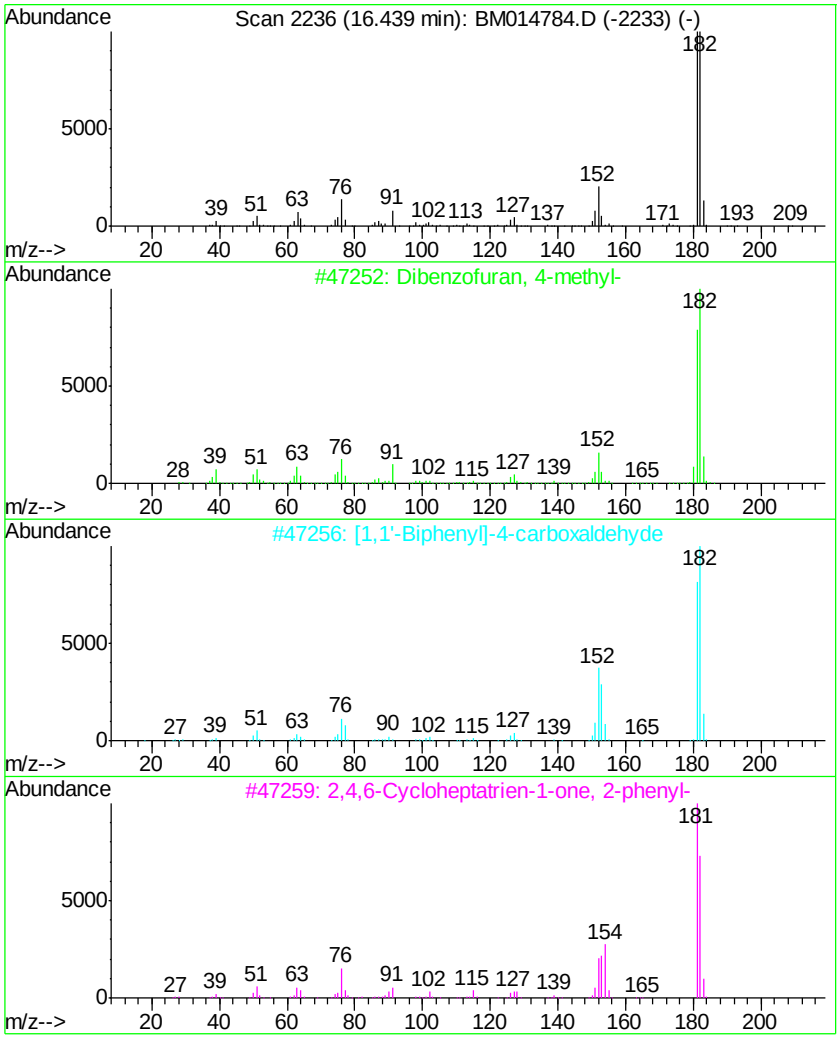
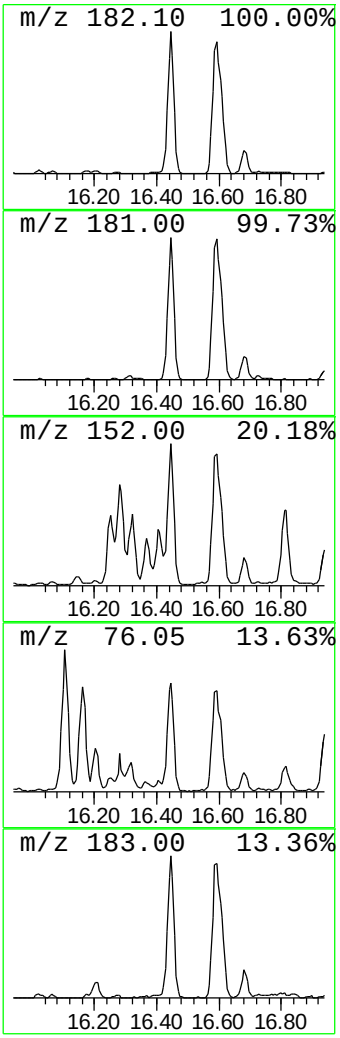
Peak Number 30 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.62 ng/ul	1367000	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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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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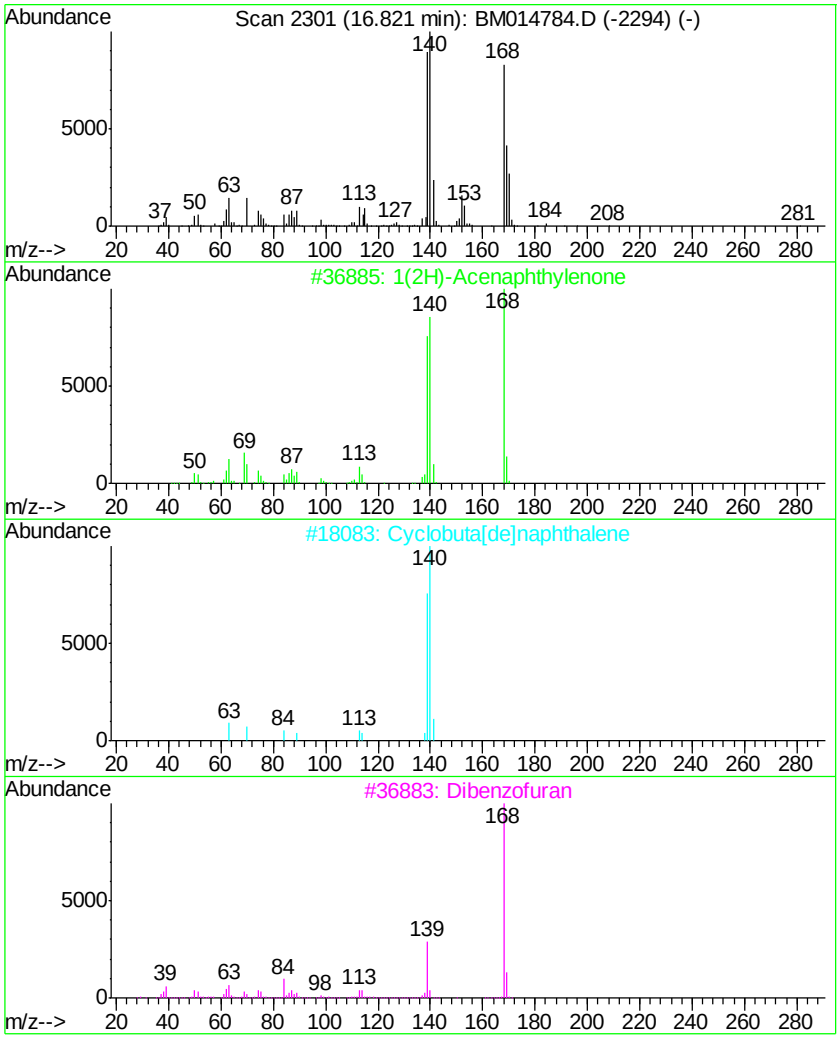
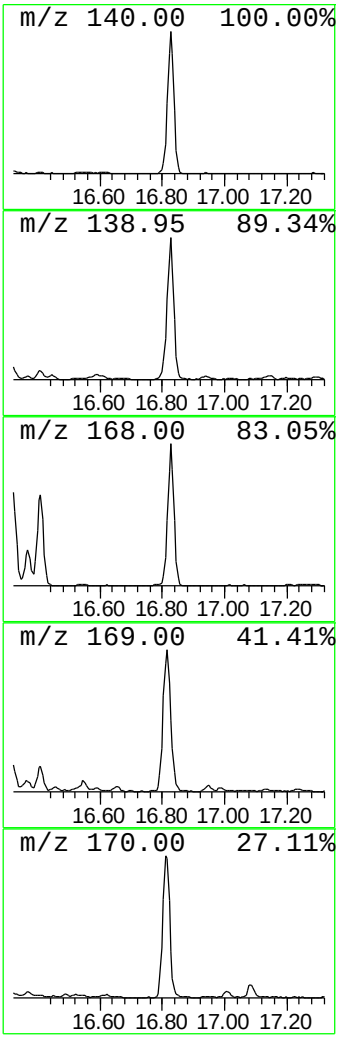
Peak Number 32 1(2H)-Acenaphthylenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	6.73 ng/ul	1612110	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	43
3	Dibenzofuran	168	C12H8O	000132-64-9	43
4	Dibenzofuran	168	C12H8O	000132-64-9	38
5	1-Isoquinolinecarbonitrile, 3-me...	168	C11H8N2	022381-52-8	30





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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 33 Anthracene, 9,10-dihydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	3.49 ng/ul	836245	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93
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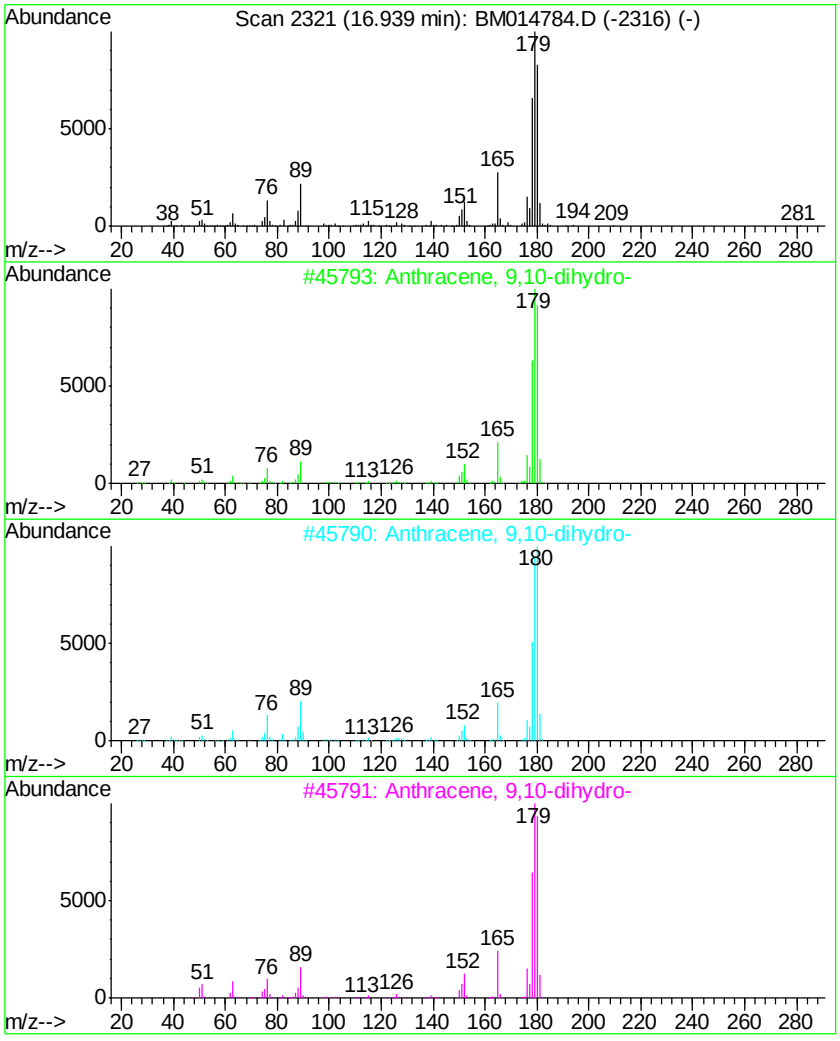

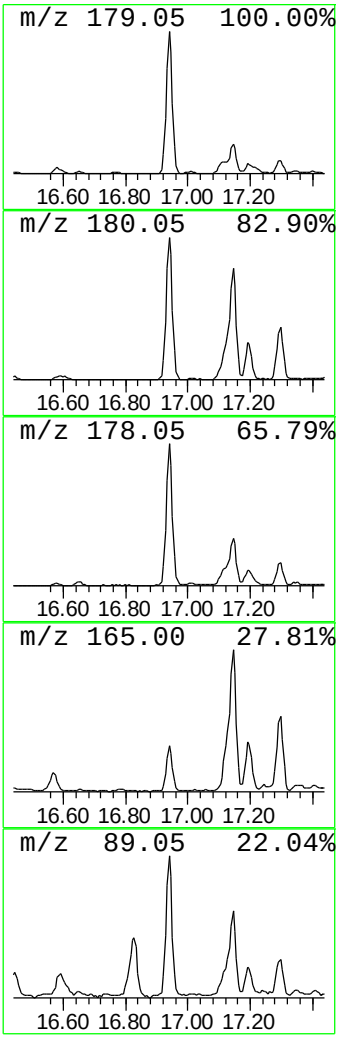

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Quant Title : SVOA CALIBRATION

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

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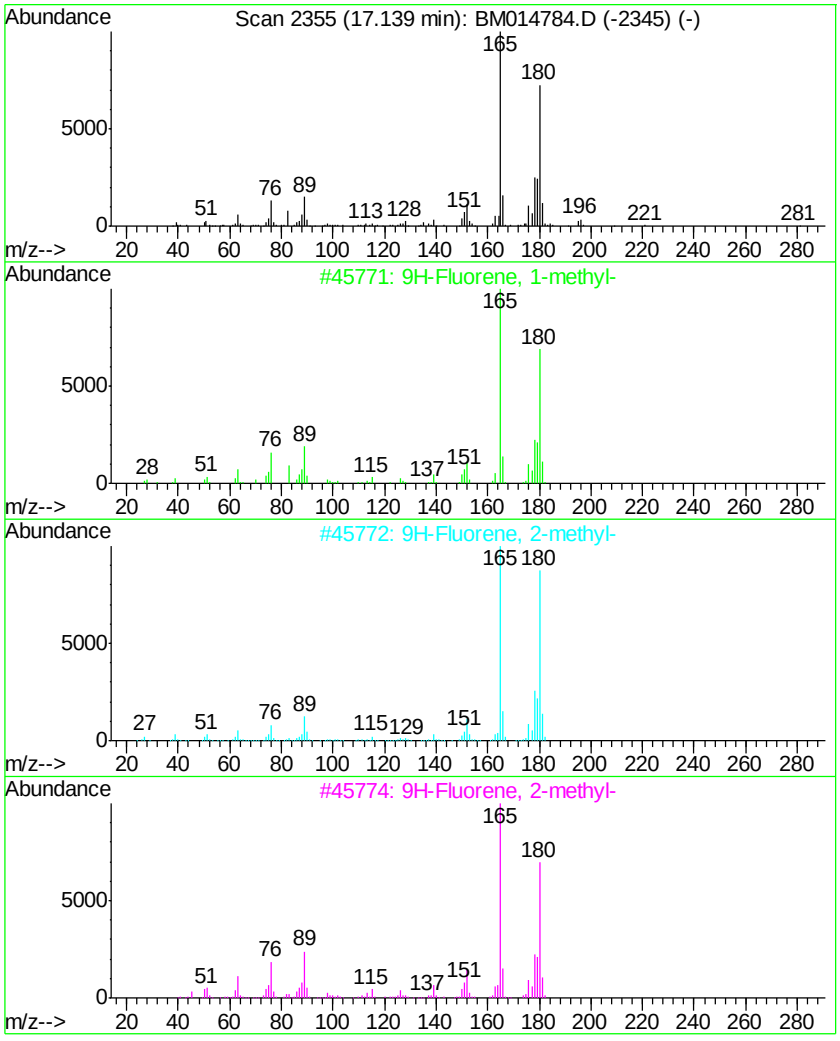
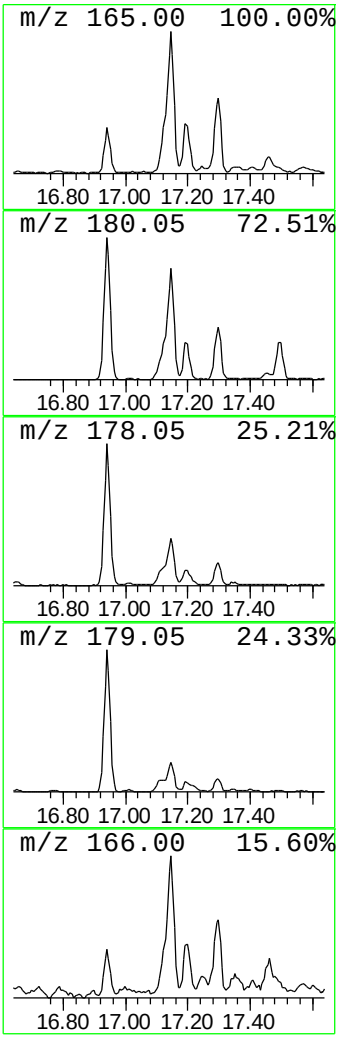
Peak Number 34 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.74 ng/ul	896672	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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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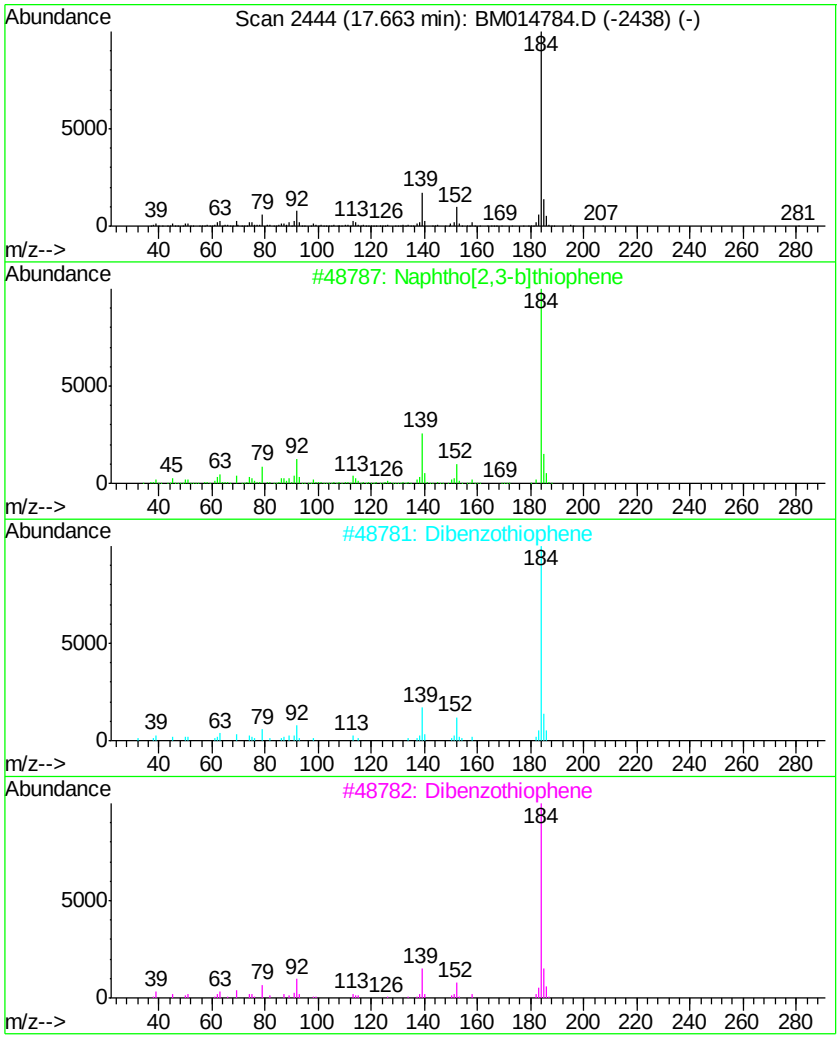
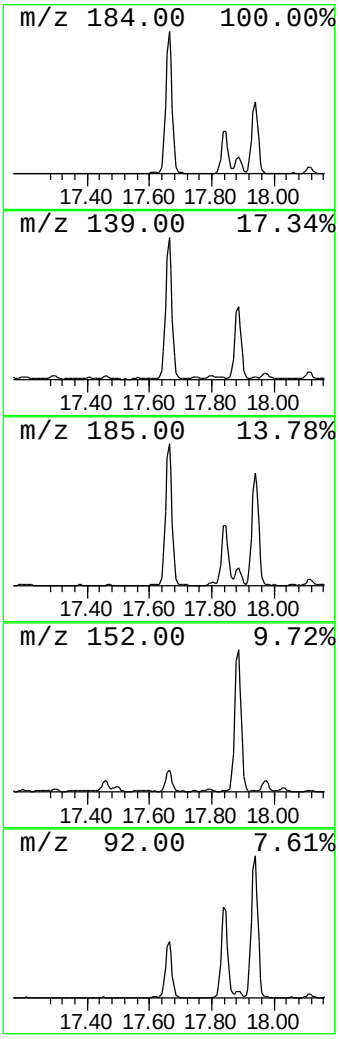
Peak Number 35 Naphtho[2,3-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	7.83 ng/ul	1876180	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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

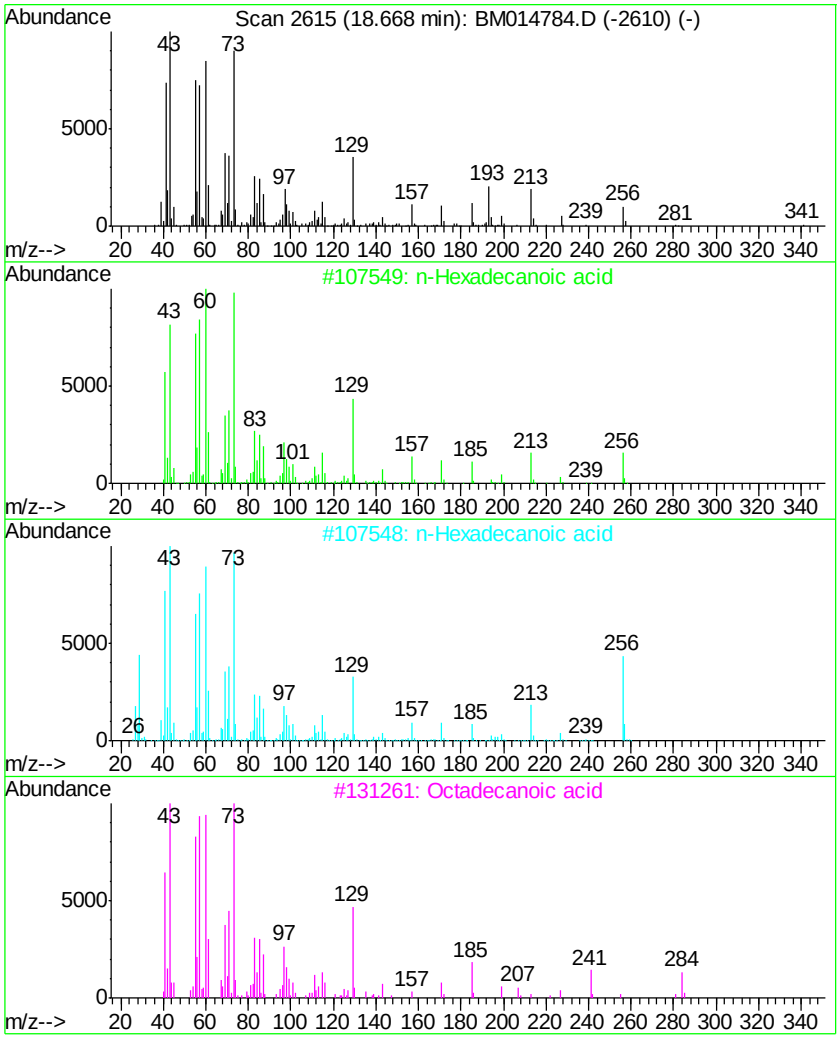
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

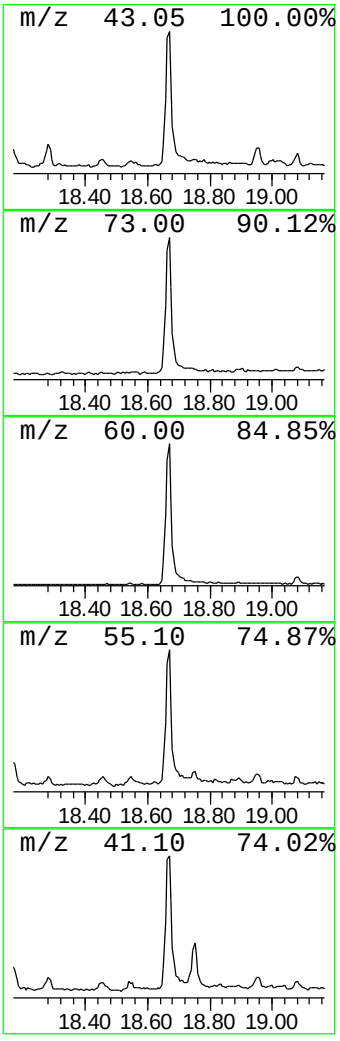
****

Peak Number 36 n-Hexadecanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.48 ng/ul	832560	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014784.D
Acq On : 23 Apr 2018 20:01
Operator : SJ/JU
Sample : J2431-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASN7

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
Bicyclo[4.1.0]hep...	6.99	2.6	ng/ul	348026	1	8.53	2664920	20.0
Benzene, 1-methyl...	9.07	2.1	ng/ul	274120	1	8.53	2664920	20.0
Benzene, 1-ethyl-...	9.16	5.3	ng/ul	712079	1	8.53	2664920	20.0
Benzene, 1-methyl...	9.34	2.5	ng/ul	335530	1	8.53	2664920	20.0
Benzene, 2-ethyl-...	9.49	3.2	ng/ul	430853	1	8.53	2664920	20.0
o-Cymene	9.54	4.6	ng/ul	618843	1	8.53	2664920	20.0
unknown-01	9.89	5.8	ng/ul	766499	1	8.53	2664920	20.0
p-Cymene	9.98	2.2	ng/ul	361664	2	11.37	3344660	20.0
Benzene, 1,2,4,5-...	10.17	7.0	ng/ul	1169960	2	11.37	3344660	20.0
Benzene, 1-methyl...	10.55	8.3	ng/ul	1391830	2	11.37	3344660	20.0
4'-Methylpropioph...	10.62	4.4	ng/ul	742279	2	11.37	3344660	20.0
1-Phenyl-1-butene	10.76	7.4	ng/ul	1235250	2	11.37	3344660	20.0
1,3-Cyclopentadie...	10.82	8.6	ng/ul	1430750	2	11.37	3344660	20.0
Benzene, (1,1-dim...	11.05	6.8	ng/ul	1142880	2	11.37	3344660	20.0
3,4-Dimethylcumene	11.56	2.4	ng/ul	400539	2	11.37	3344660	20.0
1H-Inden-1-one, 2...	12.72	3.7	ng/ul	616325	2	11.37	3344660	20.0
Naphthalene, 1-me...	13.21	12.6	ng/ul	2101170	2	11.37	3344660	20.0
Naphthalene, 2-et...	14.17	3.4	ng/ul	702345	3	15.13	4130930	20.0
Naphthalene, 1,7-...	14.29	8.0	ng/ul	1661400	3	15.13	4130930	20.0
Naphthalene, 2,3-...	14.45	11.1	ng/ul	2295990	3	15.13	4130930	20.0
1-Isopropenylnaph...	15.43	4.6	ng/ul	959182	3	15.13	4130930	20.0
Benzene, [1-(2,4-...	16.28	4.1	ng/ul	839309	3	15.13	4130930	20.0
unknown-02	16.32	5.6	ng/ul	1162790	3	15.13	4130930	20.0
Nordiphenamid	16.41	3.0	ng/ul	610479	3	15.13	4130930	20.0
Dibenzofuran, 4-m...	16.44	6.6	ng/ul	1367000	3	15.13	4130930	20.0
1(2H)-Acenaphthyl...	16.82	6.7	ng/ul	1612110	4	17.84	4790520	20.0
Anthracene, 9,10-...	16.94	3.5	ng/ul	836245	4	17.84	4790520	20.0
9H-Fluorene, 1-me...	17.14	3.7	ng/ul	896672	4	17.84	4790520	20.0
Naphtho[2,3-b]thi...	17.66	7.8	ng/ul	1876180	4	17.84	4790520	20.0
n-Hexadecanoic acid	18.67	3.5	ng/ul	832560	4	17.84	4790520	20.0