LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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	4.887	329	340	354	rBV	13198552	20468545	10.22%	1.592%
2	5.575	450	457	467	rVV2	805350	1577422	0.79%	0.123%
3	6.051	528	538	543	rBV2	2239670	4435563	2.21%	0.345%
4	6.534	613	620	629	rBV	3150964	5434862	2.71%	0.423%
5	6.887	675	680	685	rVV	1994883	3192674	1.59%	0.248%
6	6.940	685	689	694	rVV	2102355	3203284	1.60%	0.249%
7	7.087	707	714	721	rVB2	4998285	8964762	4.47%	0.697%
8	7.428	766	772	784	rVB3	1090128	2045090	1.02%	0.159%
9	7.540	784	791	795	rBV	2614849	4657720	2.32%	0.362%
10	7.575	795	797	803	rVV	1510798	1987772	0.99%	0.155%
11	7.757	822	828	842	rBV3	1469423	2773445	1.38%	0.216%
12	7.910	842	854	860	rVB3	2252546	5380949	2.69%	0.418%
13	8.040	870	876	881	rBV	1648562	2423052	1.21%	0.188%
14	8.257	908	913	920	rVB	1878892	3148441	1.57%	0.245%
15	8.645	975	979	983	rVV	1281433	2108751	1.05%	0.164%
16	8.692	983	987	997	rVV	2457684	4742314	2.37%	0.369%
17	8.781	997	1002	1011	rVB6	751038	1848202	0.92%	0.144%
18	8.869	1011	1017	1027	rBV	5886714	9521392	4.75%	0.740%
19	9.169	1062	1068	1075	rBV2	761182	1612800	0.80%	0.125%
20	9.410	1101	1109	1122	rVB2	2230072	4680682	2.34%	0.364%
21	9.581	1132	1138	1147	rBV6	586663	1710346	0.85%	0.133%
22	9.728	1154	1163	1174	rBV6	1136178	3009199	1.50%	0.234%
23	9.875	1183	1188	1195	rVV2	864674	1797606	0.90%	0.140%
24	9.951	1195	1201	1207	rVB	3848900	6332927	3.16%	0.492%
25	10.316	1257	1263	1269	rVB	3313338	5412079	2.70%	0.421%
26	10.398	1269	1277	1281	rBV2	902112	2044197	1.02%	0.159%
27	10.492	1288	1293	1299	rVB5	867730	1693491	0.85%	0.132%
28	10.739	1327	1335	1341	rBV2	1332421	2297298	1.15%	0.179%
29	10.916	1356	1365	1373	rBV2	1697221	3787001	1.89%	0.295%
30	11.351	1433	1439	1445	rBV5	770827	1753397	0.88%	0.136%
31	11.686	1488	1496	1505	rVV	5389549	9378787	4.68%	0.729%
32	11.763	1505	1509	1522	rVB9	520786	1514562	0.76%	0.118%
33	12.204	1572	1584	1590	rBV6	586587	2351458	1.17%	0.183%
34	12.292	1590	1599	1608	rBV5	2525740	6492876	3.24%	0.505%

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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	12.445	1618	1625	1637	rBV6	912783	2894878	1.44%	0.225%
36	12.586	1644	1649	1652	rBV3	1099850	1656044	0.83%	0.129%
37	12.775	1671	1681	1687	rBV	5625438	10032928	5.01%	0.780%
38	13.269	1755	1765	1776	rBV4	4501859	12861024	6.42%	1.000%
39	13.480	1797	1801	1810	rVB6	839546	2237224	1.12%	0.174%
40	13.627	1820	1826	1837	rVB2	6804258	11540156	5.76%	0.897%
41	13.757	1837	1848	1854	rBV	4747786	12173537	6.08%	0.947%
42	13.822	1854	1859	1860	rVV	3450973	4803781	2.40%	0.374%
43	13.874	1864	1868	1877	rVB2	16180942	30508272	15.23%	2.373%
44	13.951	1877	1881	1884	rBV	2247543	3057691	1.53%	0.238%
45	13.992	1884	1888	1895	rVB	1883661	3213274	1.60%	0.250%
46	14.204	1916	1924	1927	rBV2	11425684	19858868	9.91%	1.544%
47	14.263	1927	1934	1941	rVB2	55889040	98178127	49.00%	7.635%
48	14.451	1961	1966	1969	rBV2	955133	1580400	0.79%	0.123%
49	14.763	1986	2019	2022	rBV2	37860982	200373085	100.00%	15.583%
50	14.886	2038	2040	2044	rVB	3040235	3328239	1.66%	0.259%
51	14.933	2044	2048	2052	rVB	4176735	5883210	2.94%	0.458%
52	15.004	2056	2060	2065	rVB2	1602595	2535814	1.27%	0.197%
53	15.063	2066	2070	2074	rVB	1431158	1870358	0.93%	0.145%
54	15.121	2075	2080	2087	rVB4	3127233	5688708	2.84%	0.442%
55	15.204	2087	2094	2097	rBV	10061030	15472034	7.72%	1.203%
56	15.233	2097	2099	2106	rVB2	3347330	4305791	2.15%	0.335%
57	15.339	2113	2117	2122	rVB	3075829	4278096	2.14%	0.333%
58	15.398	2122	2127	2133	rBV	3883330	6565891	3.28%	0.511%
59	15.486	2138	2142	2152	rVB2	4950397	9627163	4.80%	0.749%
60	15.692	2172	2177	2182	rVB5	1010290	2087796	1.04%	0.162%
61	15.763	2182	2189	2191	rBV	4468265	7898057	3.94%	0.614%
62	15.821	2191	2199	2205	rVB	15973978	33310061	16.62%	2.590%
63	15.957	2215	2222	2230	rBV4	6573705	16030478	8.00%	1.247%
64	16.068	2234	2241	2245	rVB2	4681524	9470594	4.73%	0.737%
65	16.151	2247	2255	2260	rBV	17566282	25738557	12.85%	2.002%
66	16.315	2278	2283	2288	rVB	7673674	11219883	5.60%	0.873%
67	16.574	2320	2327	2332	rVB2	31790531	50057806	24.98%	3.893%
68	16.686	2342	2346	2349	rBV2	2007729	3196292	1.60%	0.249%
69	16.721	2349	2352	2356	rVV	3416342	4464130	2.23%	0.347%
70	16.774	2357	2361	2362	rVV	2475577	3043577	1.52%	0.237%
71	16.798	2363	2365	2371	rVB	3739030	4648035	2.32%	0.361%

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Instrument : BNA_M
ClientSampleId : BEJN9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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Title : SVOA CALIBRATION

72	16.957	2377	2392	2402	rBV2	9080310	27437297	13.69%	2.134%
73	17.057	2404	2409	2415	rVB2	12551196	18965611	9.47%	1.475%
74	17.151	2421	2425	2428	rBV3	1752200	2572300	1.28%	0.200%
75	17.233	2436	2439	2445	rVB	3483099	5076468	2.53%	0.395%
76	17.368	2459	2462	2465	rVB	1536268	1587809	0.79%	0.123%
77	17.410	2465	2469	2476	rBV4	2456160	5640993	2.82%	0.439%
78	17.562	2478	2495	2504	rBV2	30162927	96047926	47.93%	7.469%
79	17.645	2506	2509	2510	rBV2	1808044	2026398	1.01%	0.158%
80	17.839	2537	2542	2546	rVB	7165633	9844321	4.91%	0.766%
81	17.909	2550	2554	2558	rBV2	3167855	4725845	2.36%	0.368%
82	18.021	2568	2573	2577	rBV2	8113542	14160809	7.07%	1.101%
83	18.109	2585	2588	2591	rBV2	3377433	4591555	2.29%	0.357%
84	18.168	2595	2598	2605	rVB	5810612	7441887	3.71%	0.579%
85	18.427	2640	2642	2646	rVB2	2600807	3082794	1.54%	0.240%
86	18.704	2686	2689	2691	rBV	2573158	3235543	1.61%	0.252%
87	18.939	2726	2729	2733	rVB	5222960	6350926	3.17%	0.494%
88	19.092	2751	2755	2758	rBV	4550752	6949435	3.47%	0.540%
89	19.356	2796	2800	2807	rVB	10145099	14977981	7.48%	1.165%
90	19.974	2903	2905	2908	rBV	2414598	2371875	1.18%	0.184%
91	20.874	3052	3058	3069	rVB2	43815742	63358309	31.62%	4.927%
92	21.098	3093	3096	3101	rBV	4504463	5253977	2.62%	0.409%
93	21.156	3103	3106	3111	rVB2	5067571	6656183	3.32%	0.518%
94	21.339	3132	3137	3141	rVB	34972451	45789242	22.85%	3.561%
95	21.392	3141	3146	3150	rVV	45623961	62266597	31.08%	4.842%
96	21.433	3150	3153	3155	rVV	19826380	22384505	11.17%	1.741%
97	21.462	3155	3158	3169	rVB	22370592	26011005	12.98%	2.023%
98	21.874	3224	3228	3239	rVB	7063043	9945695	4.96%	0.773%
99	23.180	3444	3450	3456	rBV	5804148	10442635	5.21%	0.812%
100	23.315	3468	3473	3487	rVB	3767876	7206147	3.60%	0.560%

Sum of corrected areas: 1285874873

LSC Report - Integrated Chromatogram

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Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
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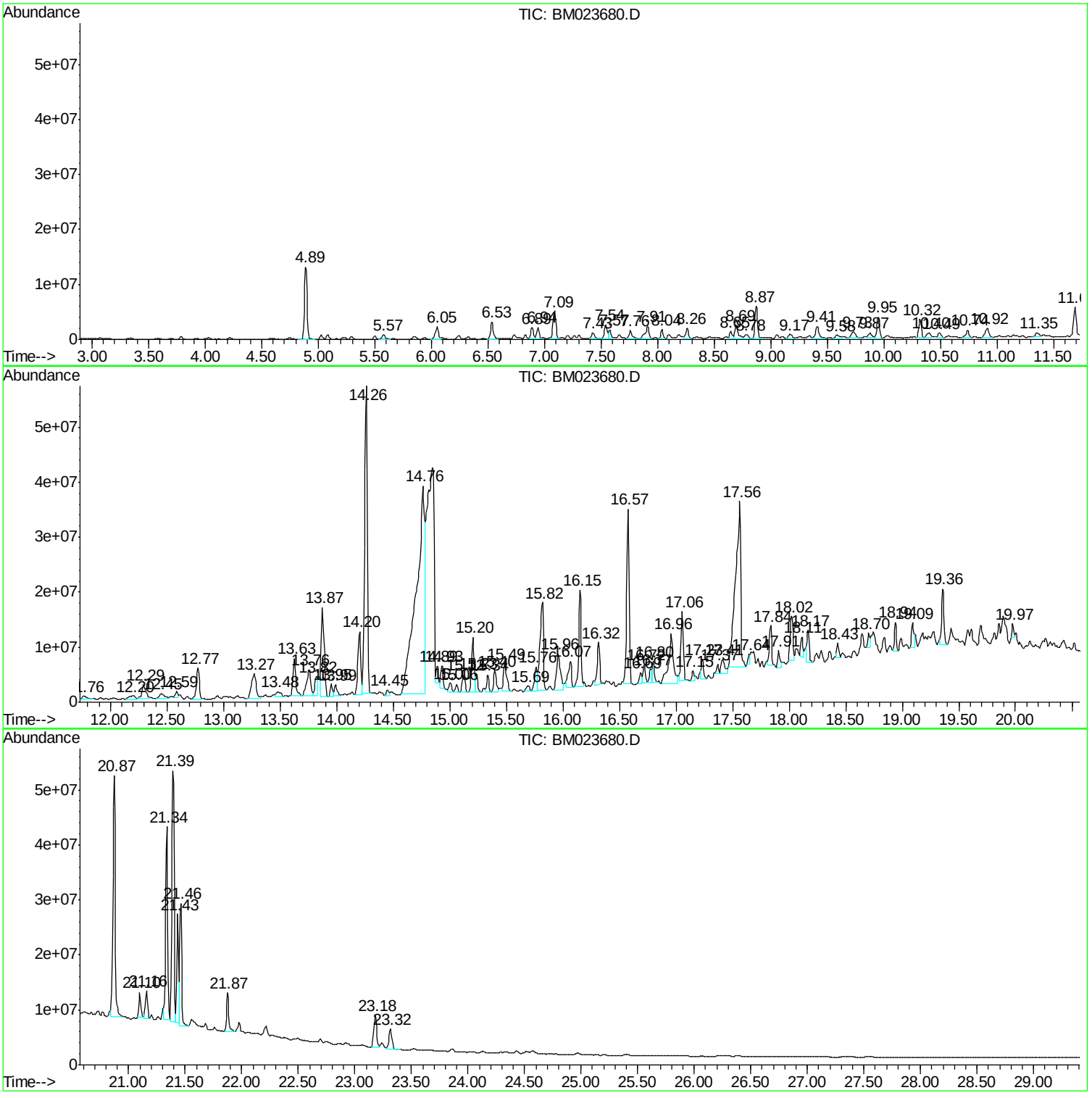
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

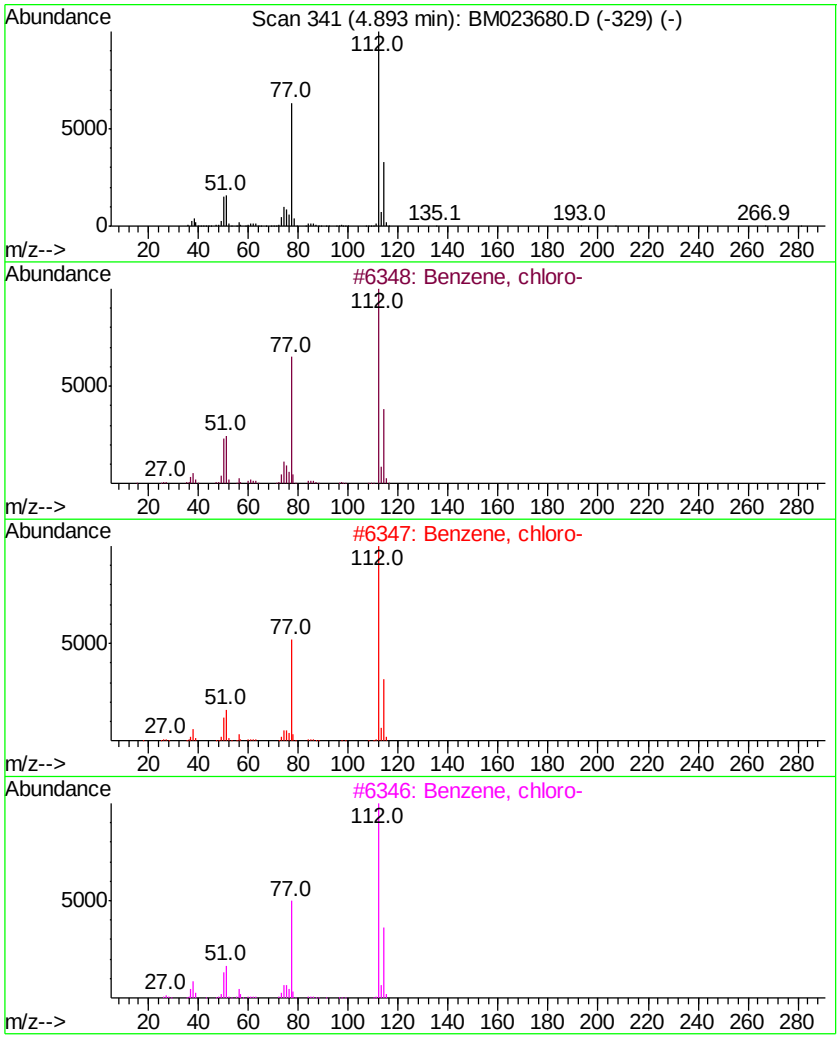
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

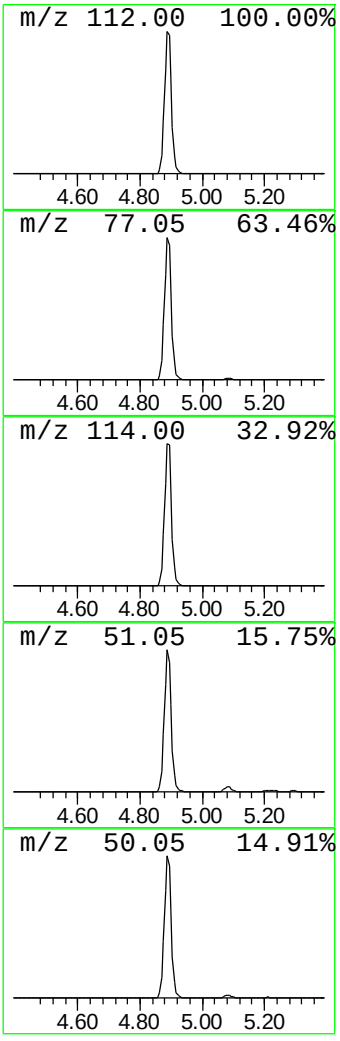
****

Peak Number 1 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	87.89 ng/ul	20468500	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

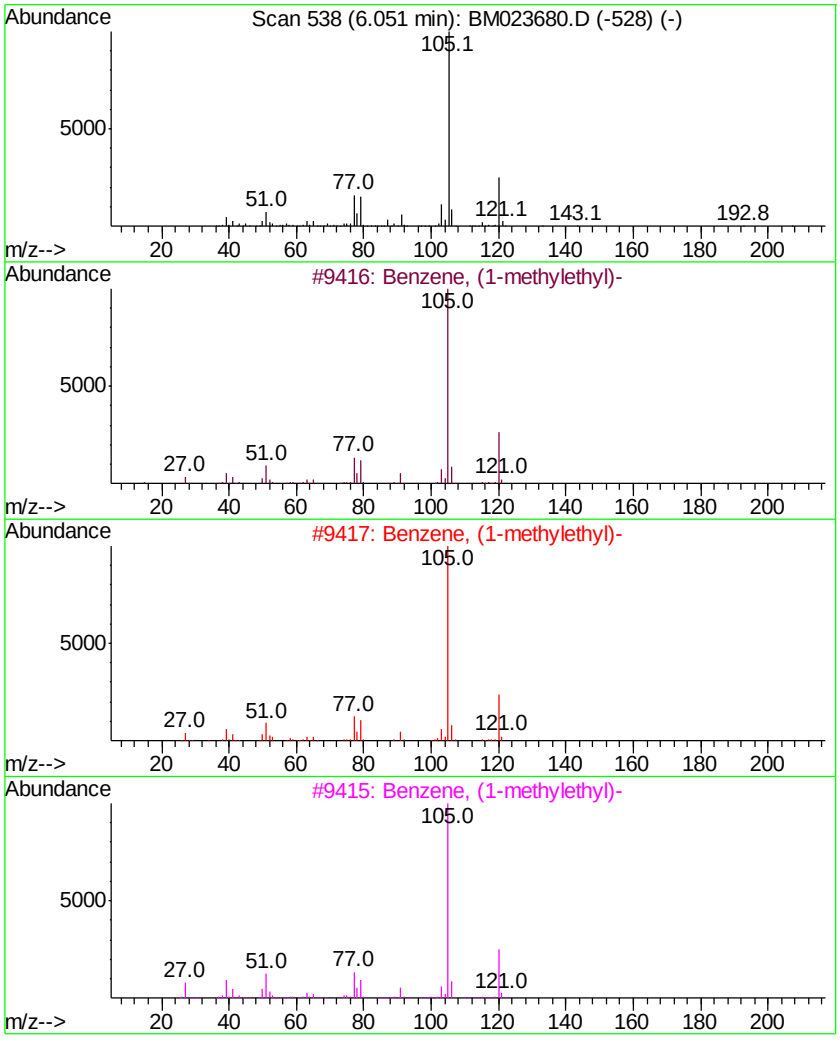
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

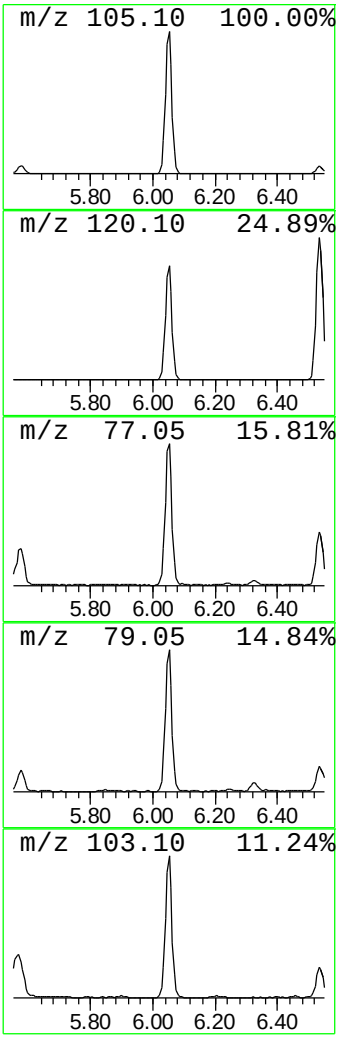
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	19.05 ng/ul	4435560	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
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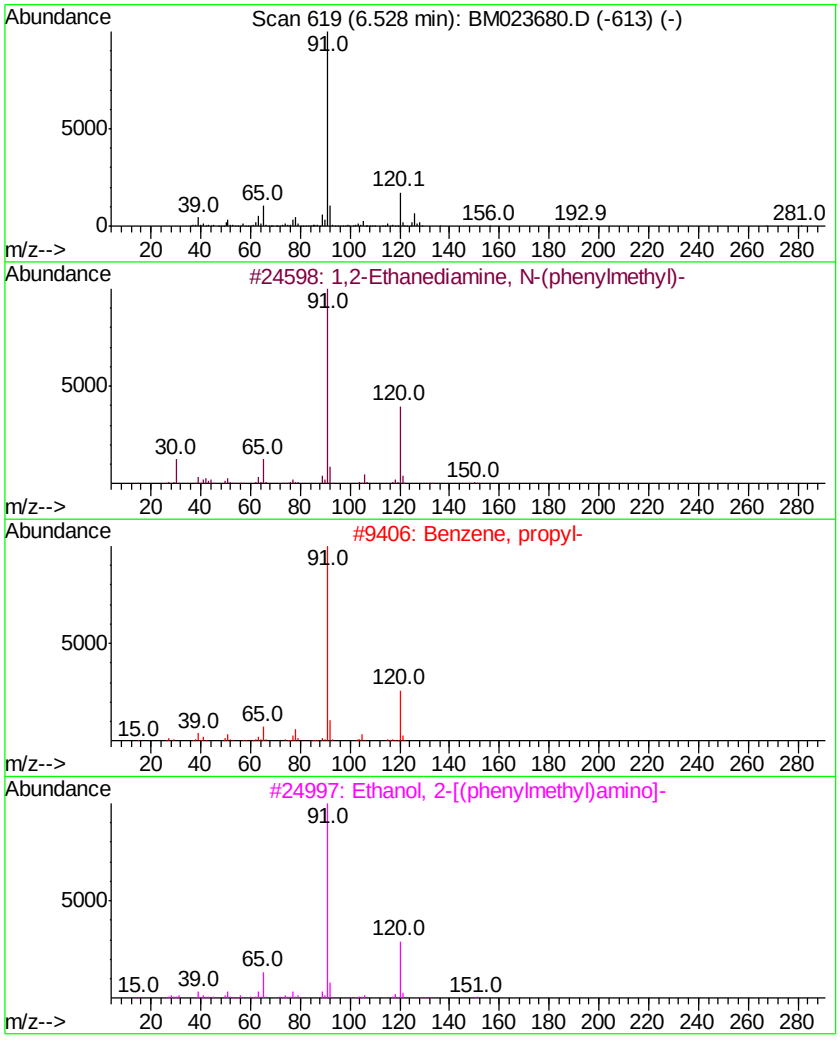
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

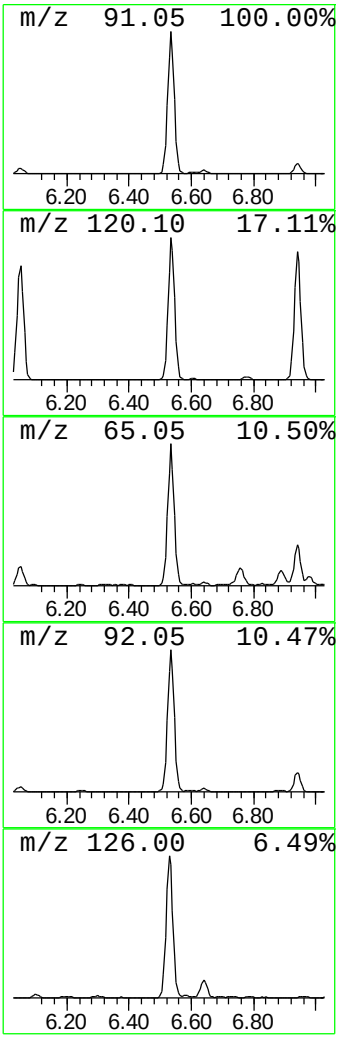
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,2-Ethanediamine, N-(pheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	23.34 ng/ul	5434860	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4	Benzene, propyl-	120	C9H12	000103-65-1	58
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	53





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

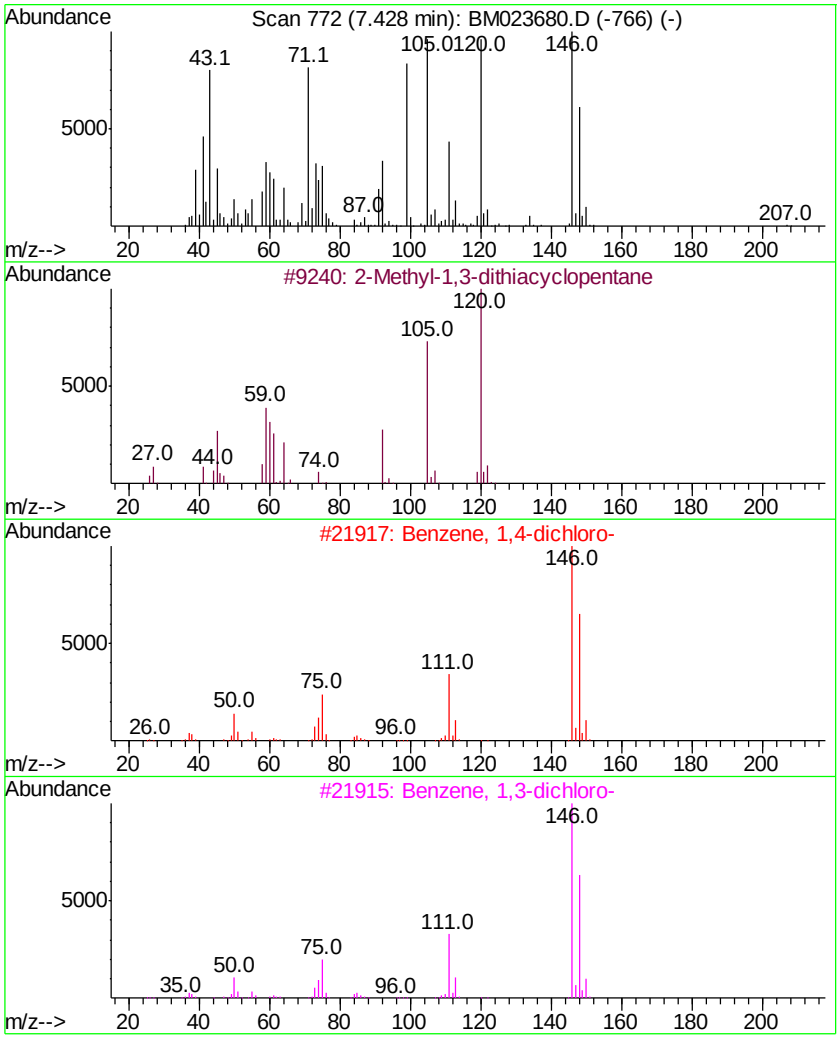
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

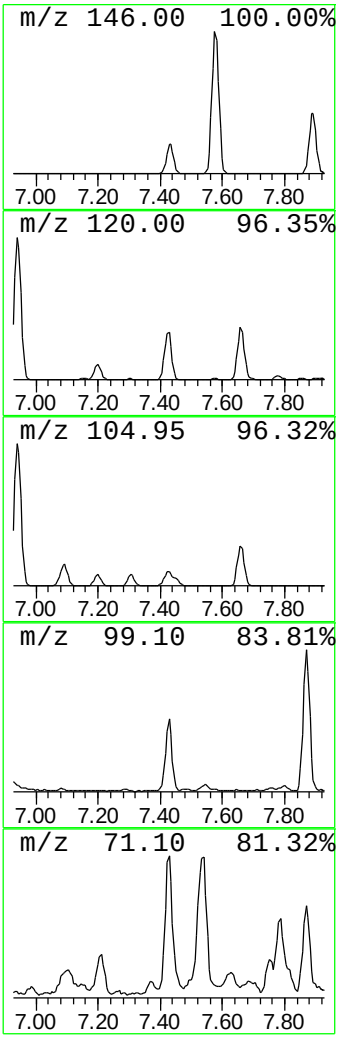
****

Peak Number 5 2-Methyl-1,3-dithiacyclopen... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	8.78 ng/ul	2045090	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1,3-dithiacyclopentane	120	C4H8S2	005616-51-3	91
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	74
3	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	74
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	72
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	70





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

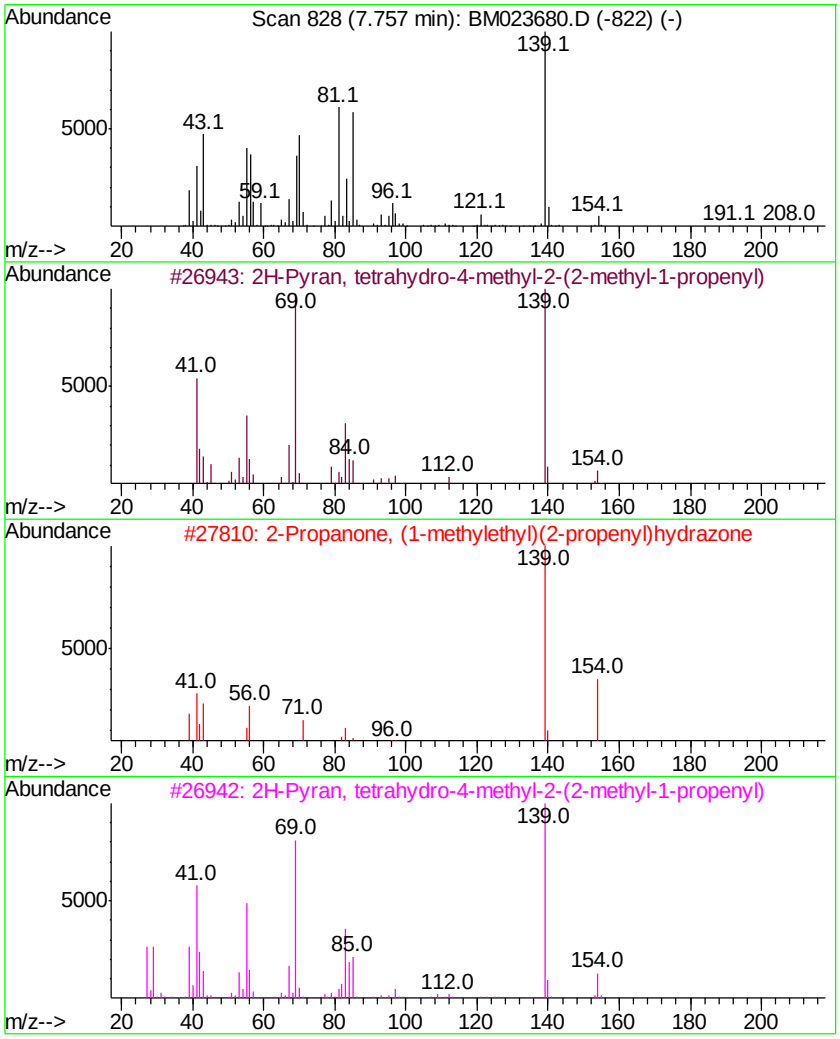
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

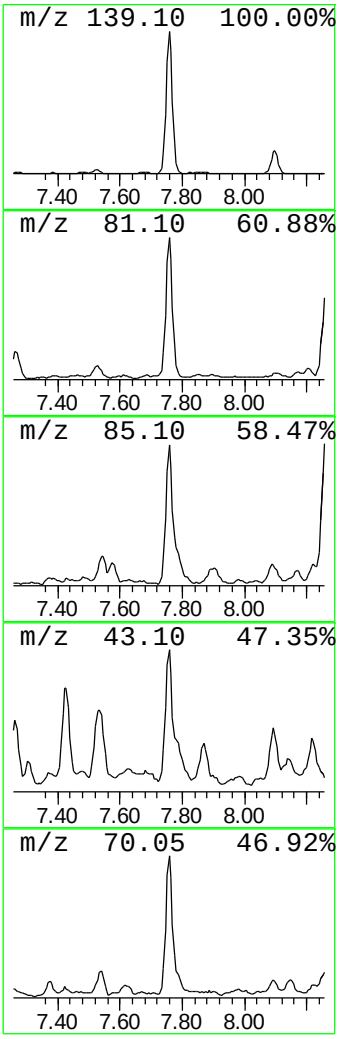
****

Peak Number 6 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	11.91 ng/ul	2773450	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
2	2-Propanone, (1-methylethyl)(2-p...	154	C9H18N2	110213-09-7	37
3	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	37
4	2H-Pyran, 2-ethenyltetrahydro-2,...	154	C10H18O	007392-19-0	25
5	Silane, 1-hexynyltrimethyl-	154	C9H18Si	003844-94-8	17





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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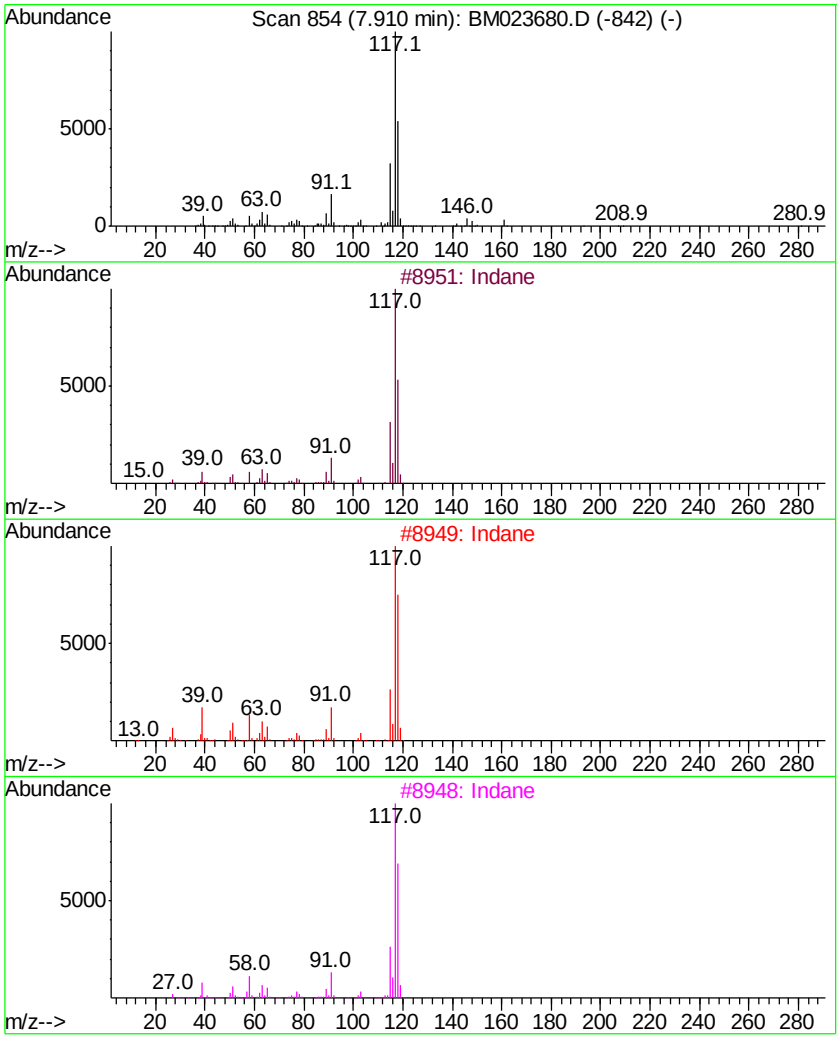
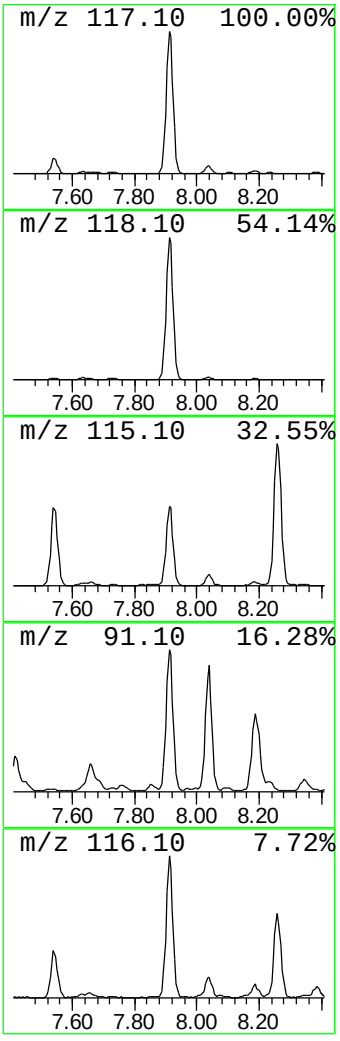
Peak Number 7 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	23.11 ng/ul	5380950	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	81
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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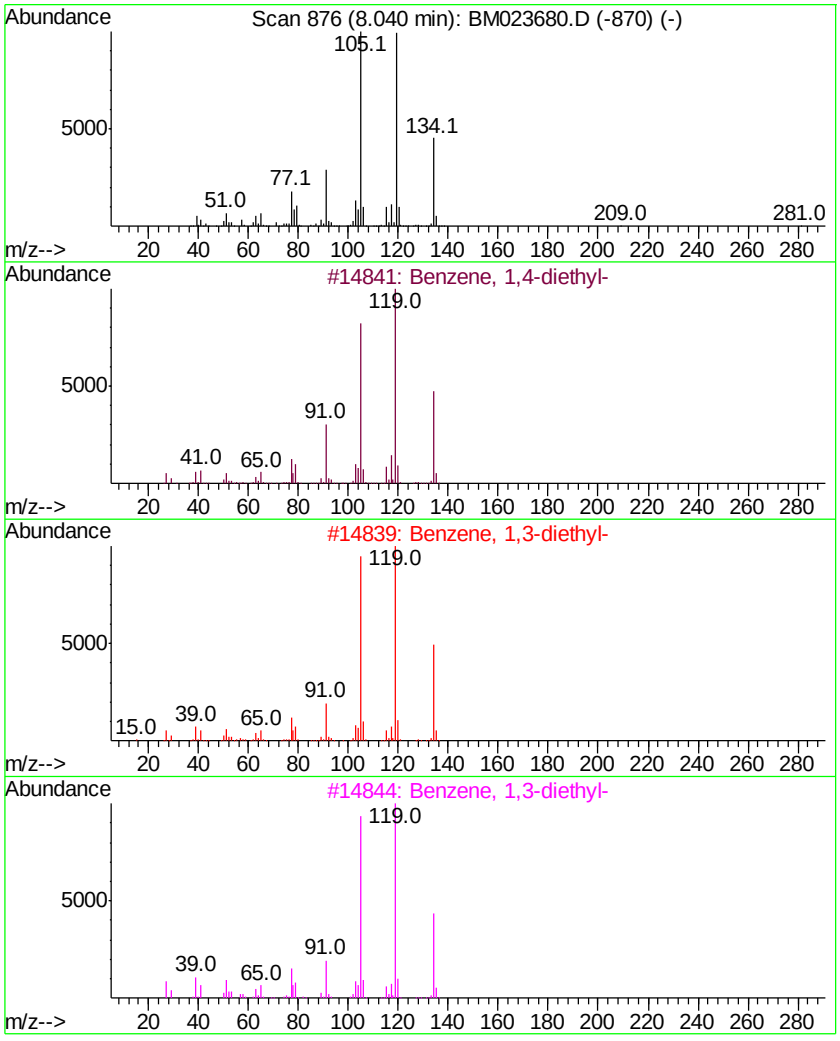
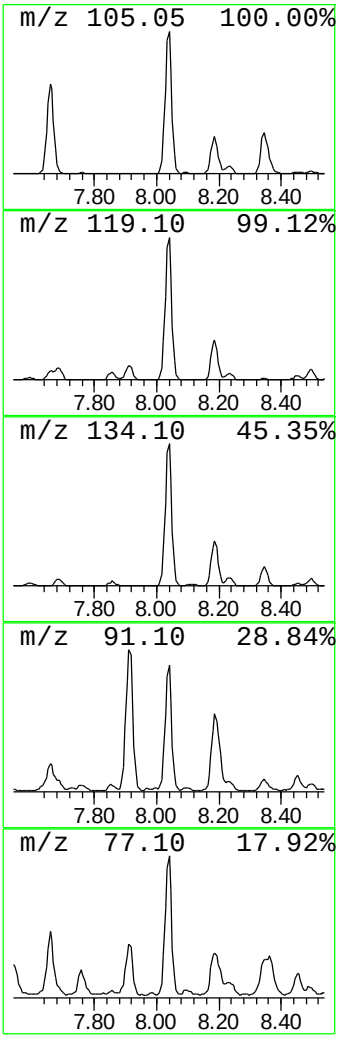
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	10.40 ng/ul	2423050	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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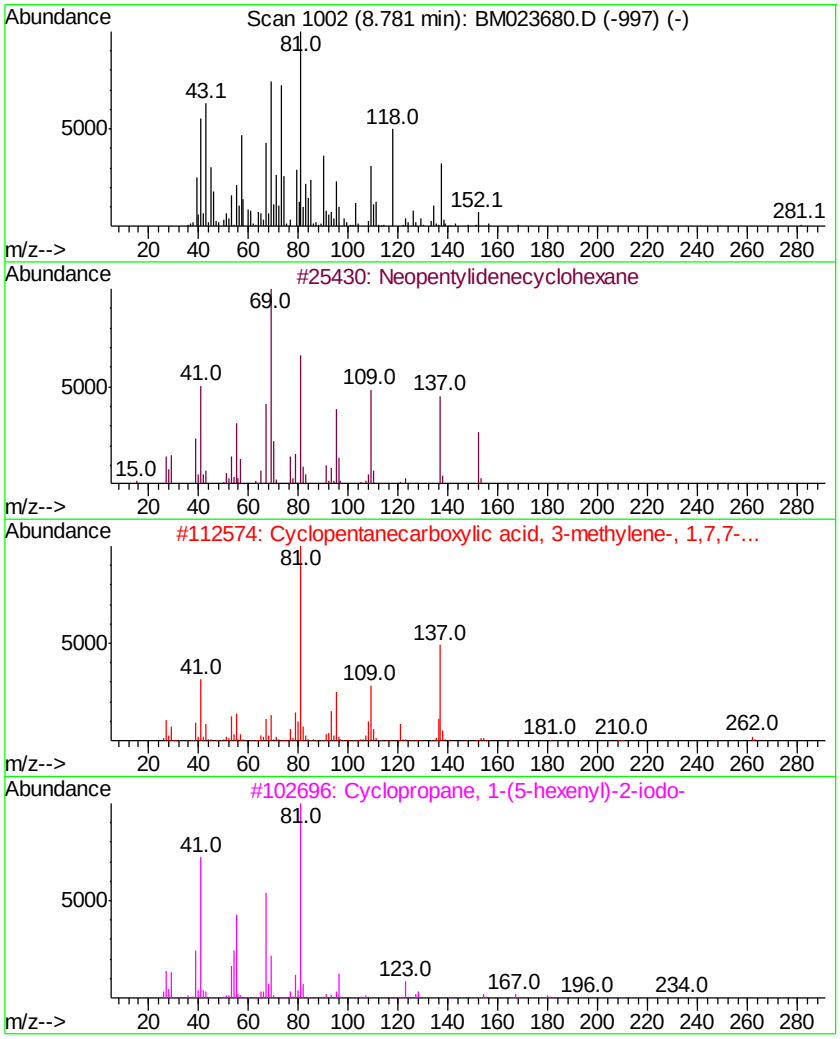
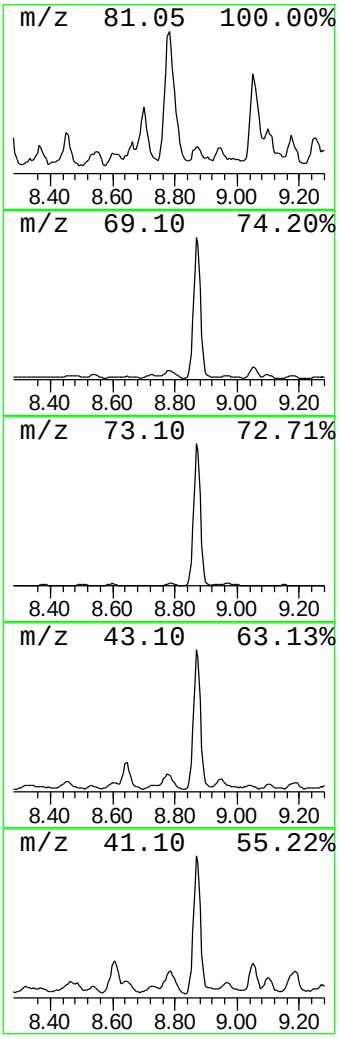
Peak Number 9 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	7.94 ng/ul	1848200	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
2	Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	35
3	Cyclopropane, 1-(5-hexenyl)-2-iodo-	250	C9H15I	074685-40-8	22
4	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	14
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	14





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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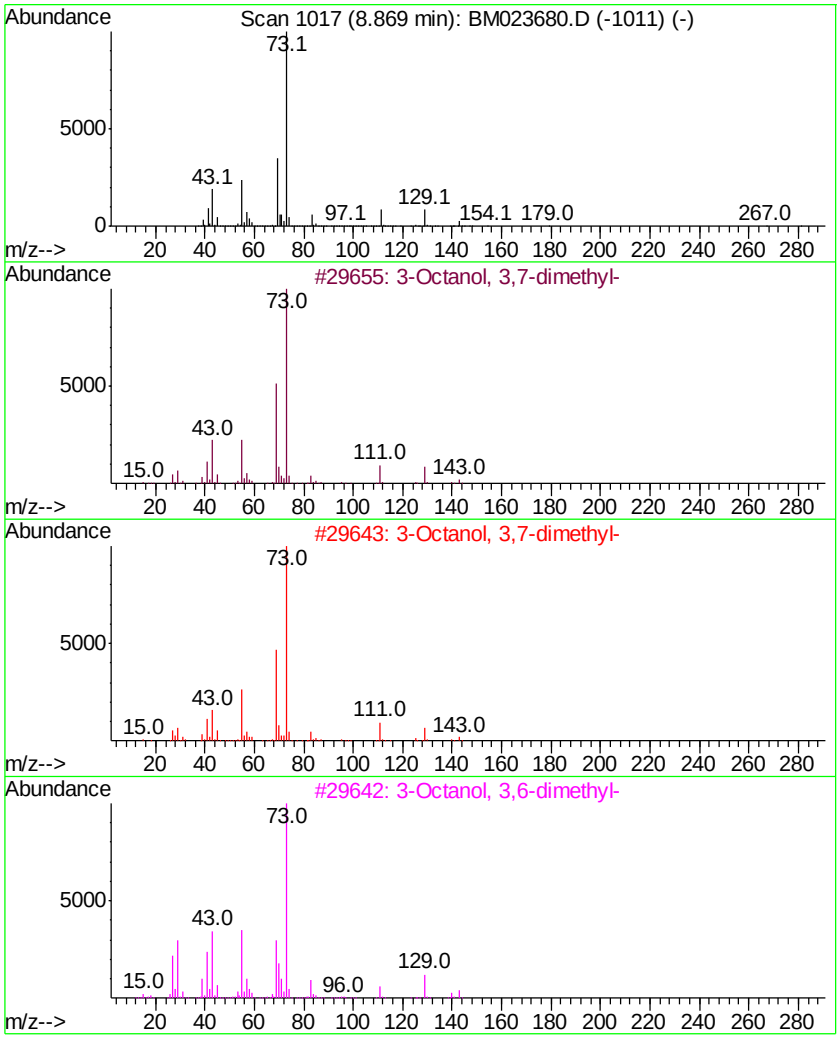
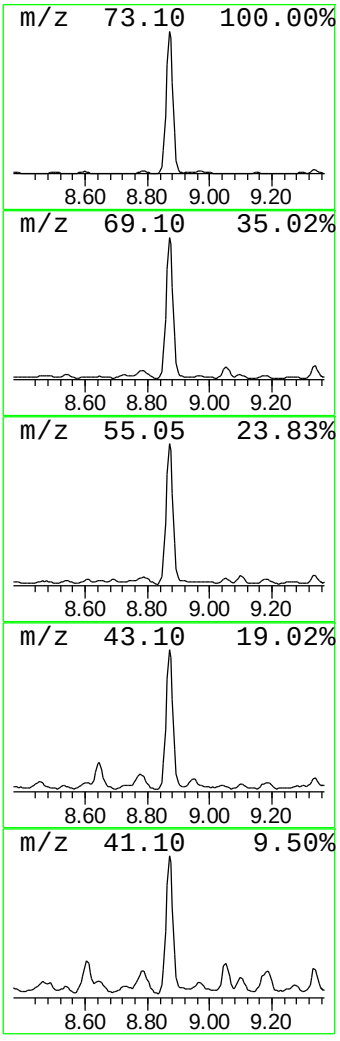
Peak Number 10 3-Octanol, 3,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	40.88 ng/ul	9521390	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	90
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	78
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	42
4	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	40
5	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	38





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

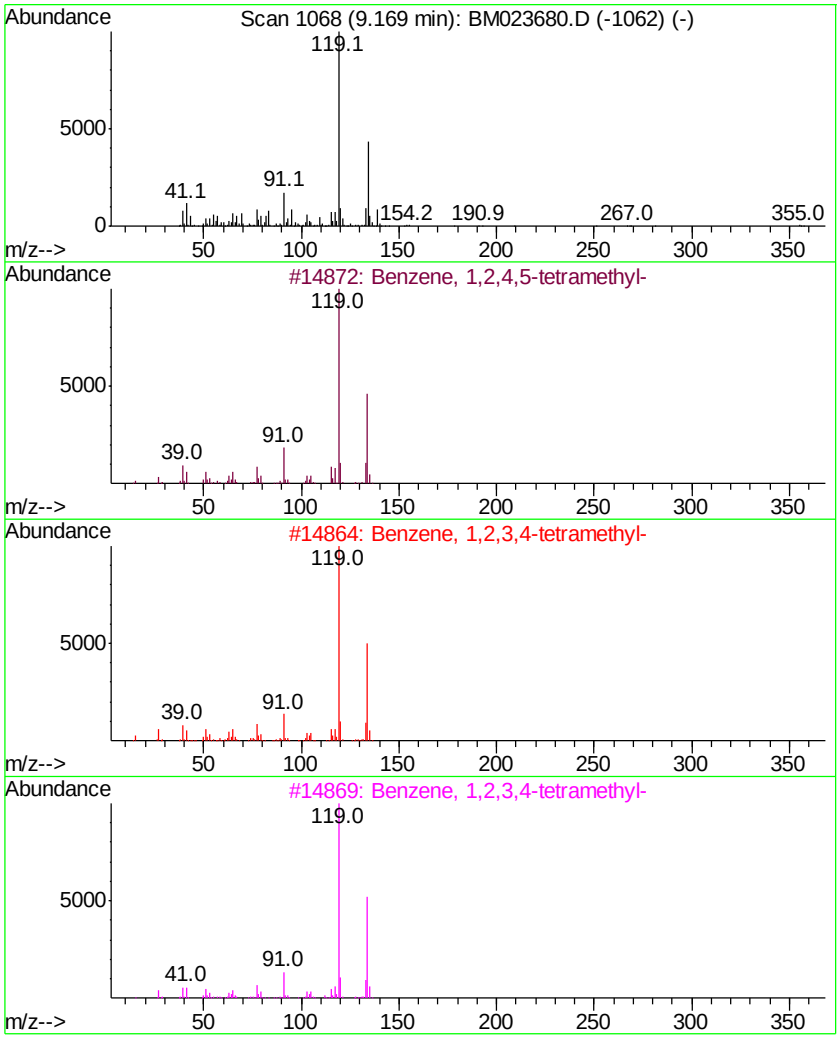
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

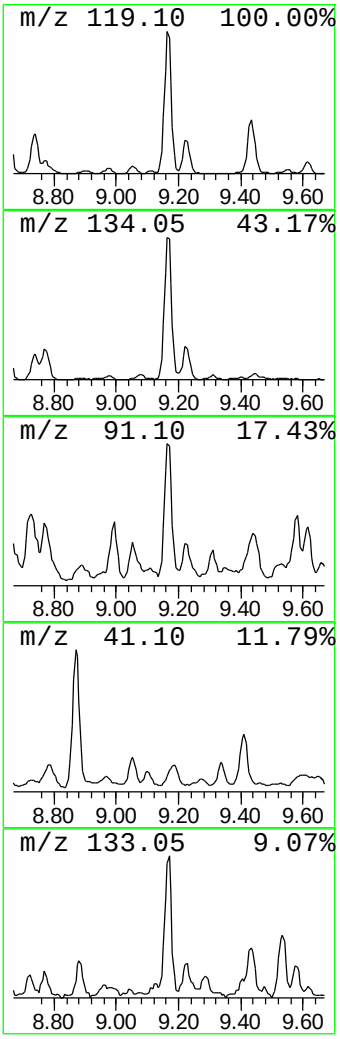
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	5.96 ng/ul	1612800	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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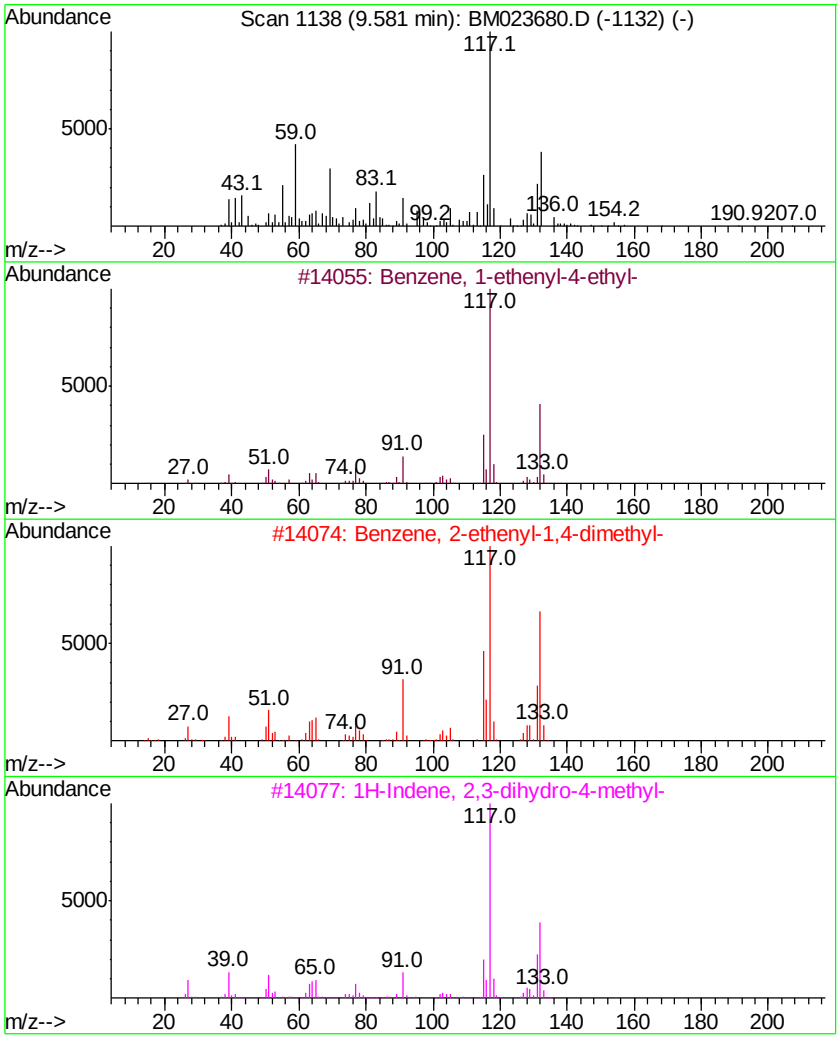
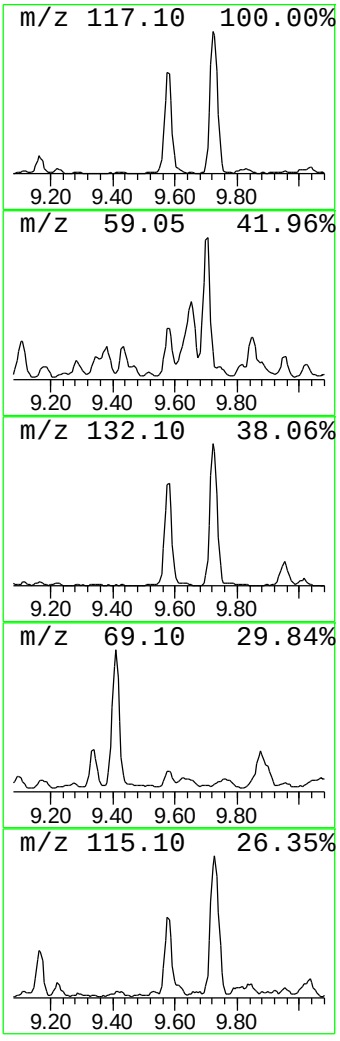
Peak Number 12 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	6.32 ng/ul	1710350	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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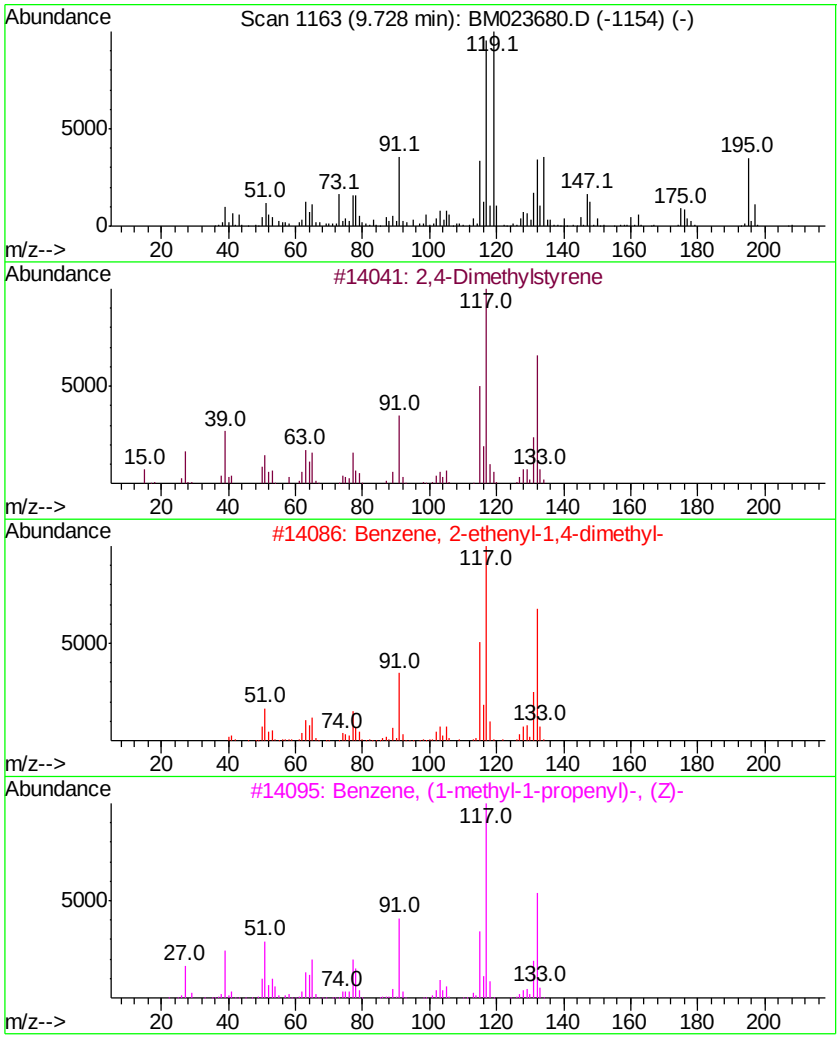
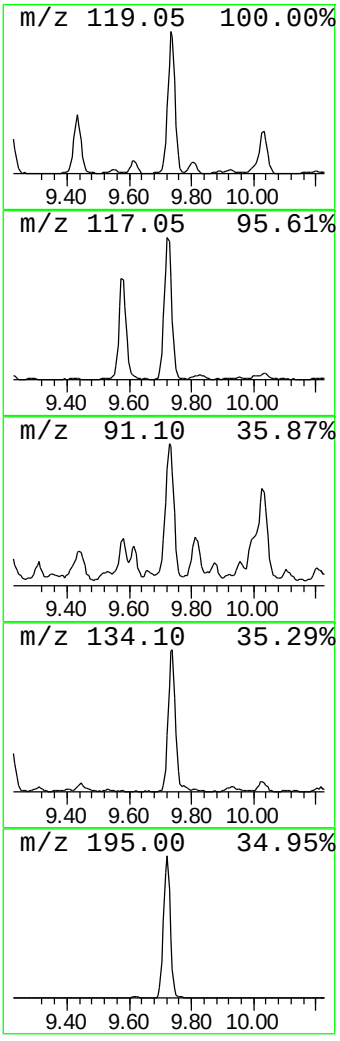
Peak Number 13 2,4-Dimethylstyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	11.12 ng/ul	3009200	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	56
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	47
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
5	p-Cymene	134	C10H14	000099-87-6	42





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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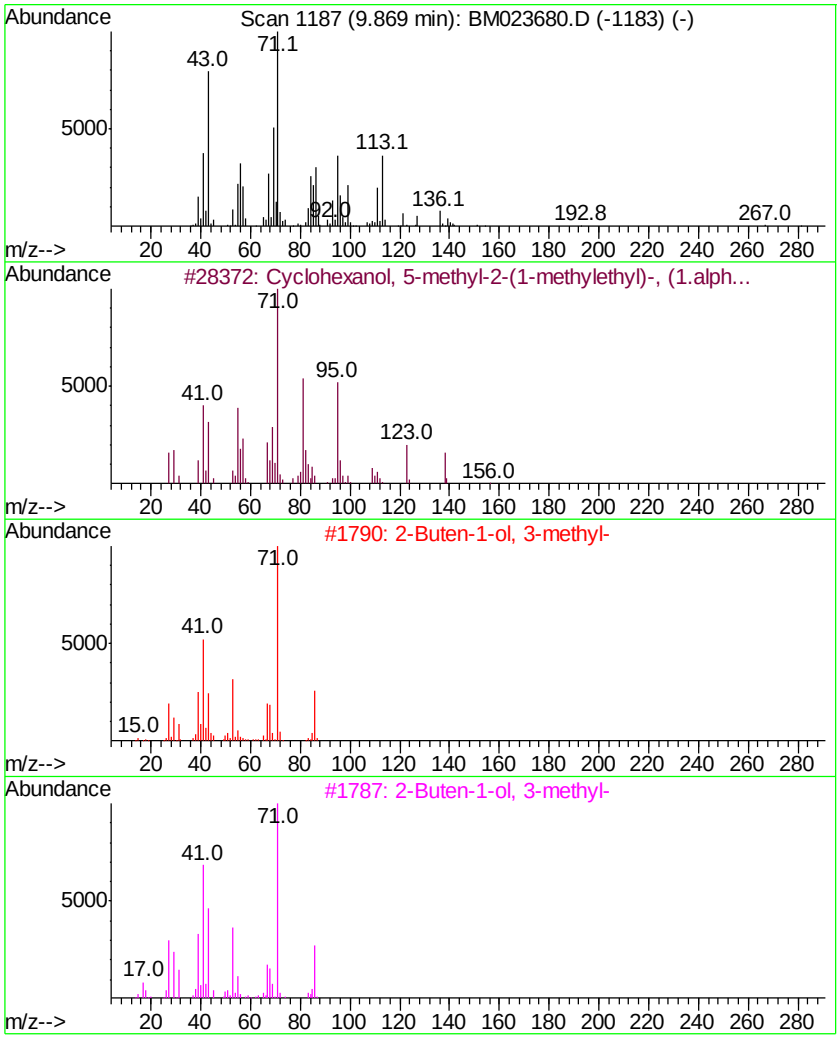
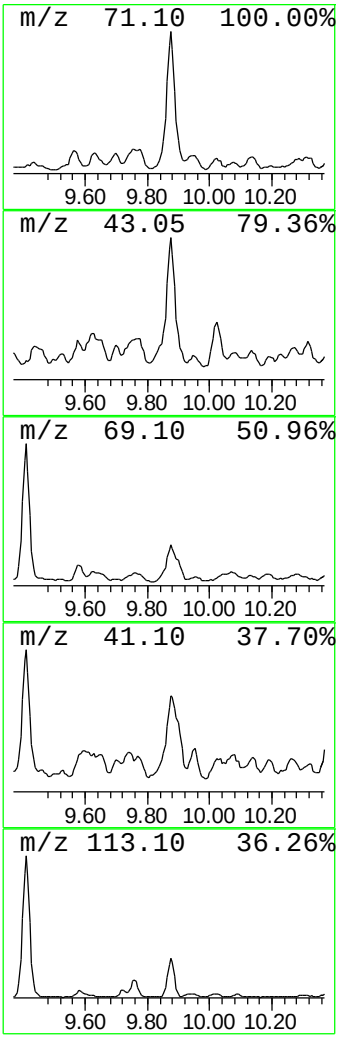
Peak Number 14 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	6.64 ng/ul	1797610	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	43
2	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4	Glutaric acid, ethyl tetrahydrof...	244	C12H20O5	1000359-65-6	35
5	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	35





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

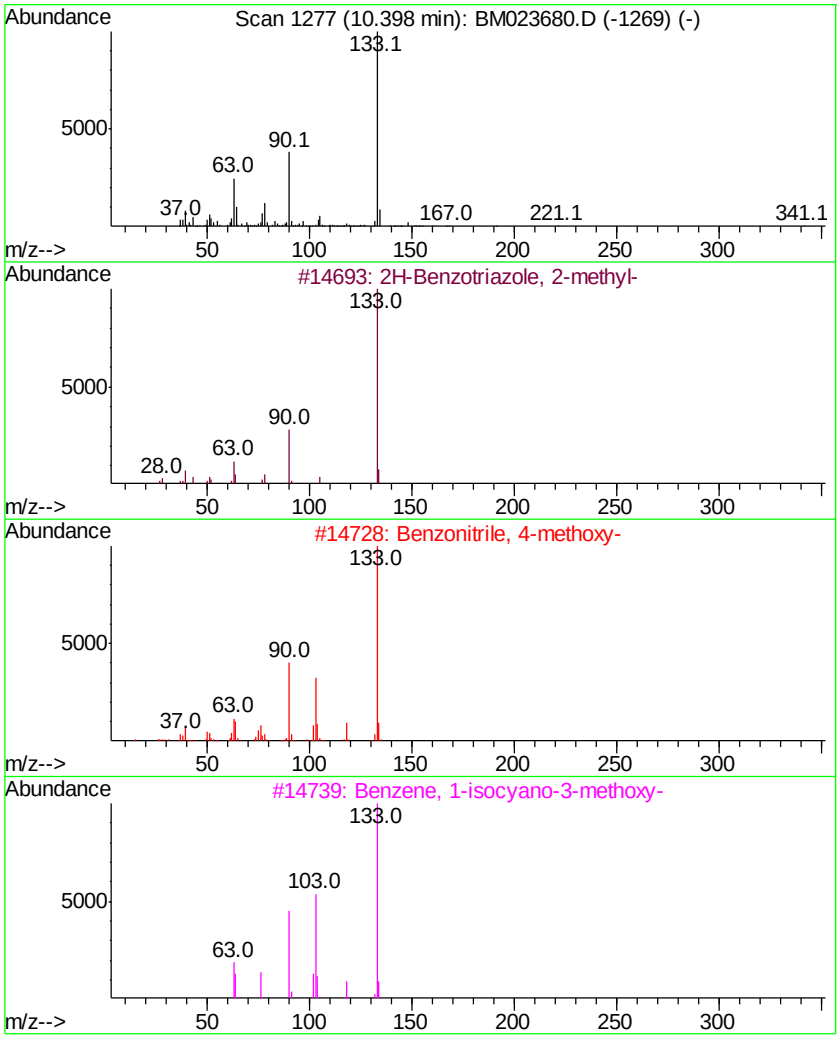
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

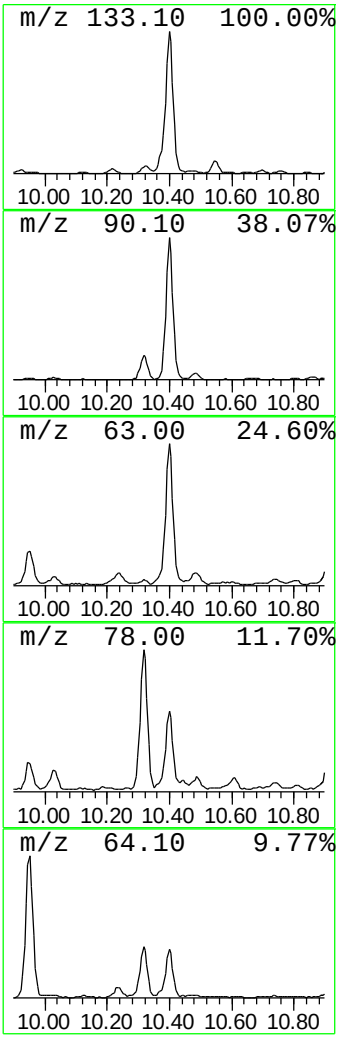
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2H-Benzotriazole, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	7.55 ng/ul	2044200	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	90
2	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	74
3	Benzene, 1-isocyano-3-methoxy-	133	C8H7NO	020600-55-9	72
4	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	53
5	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	47





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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

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Quant Title : SVOA CALIBRATION

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

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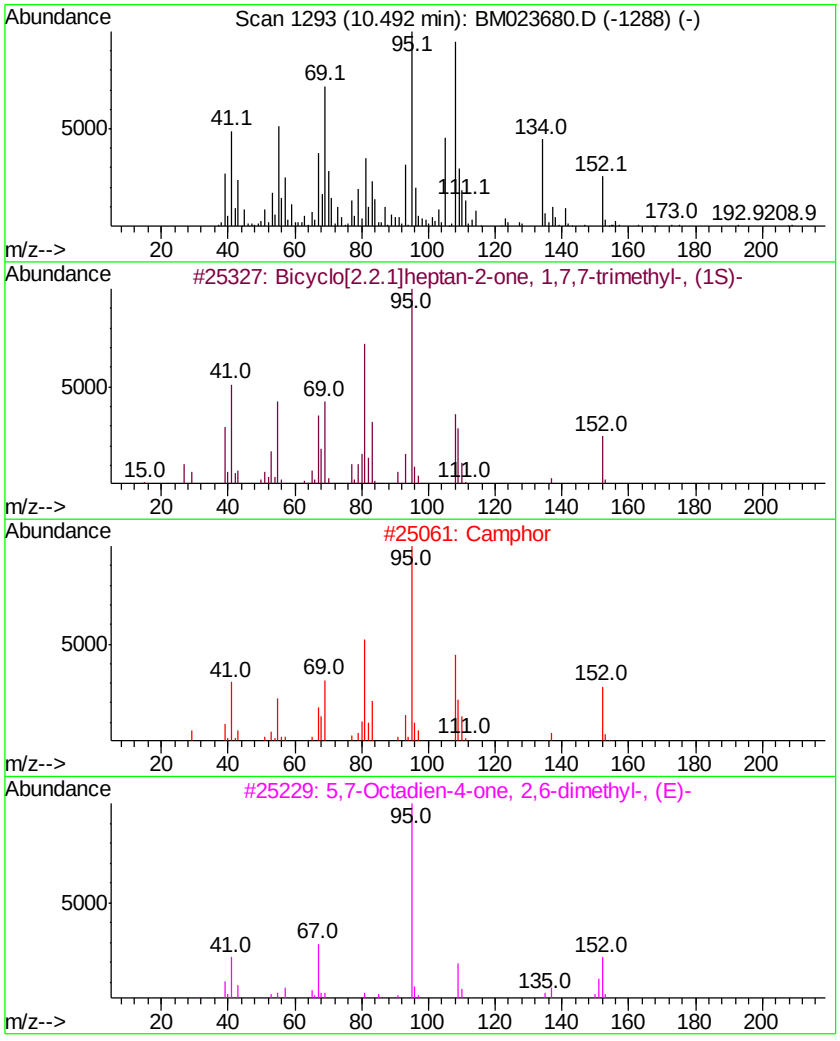
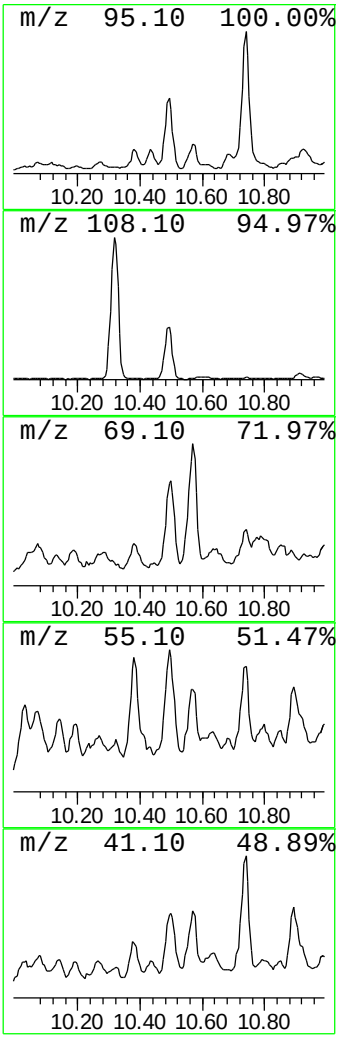
Peak Number 16 unknown-04 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	6.26 ng/ul	1693490	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	43
2	Camphor	152	C10H16O	000076-22-2	38
3	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	38
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	38
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	30





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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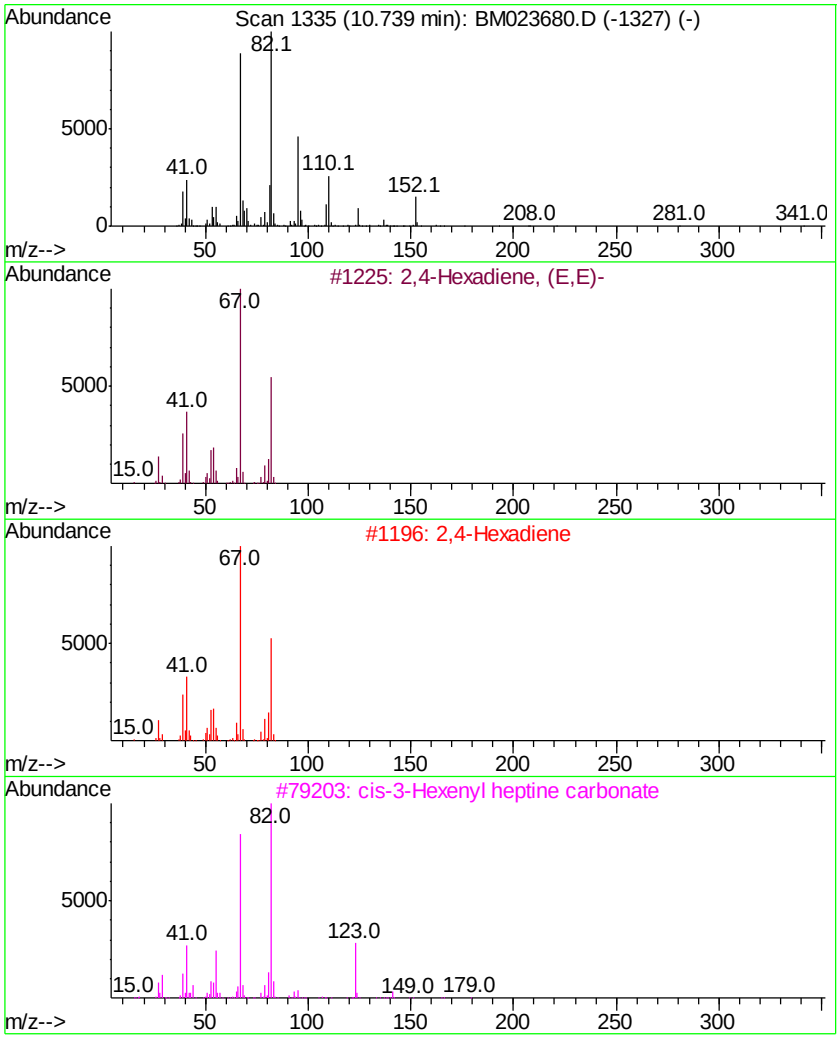
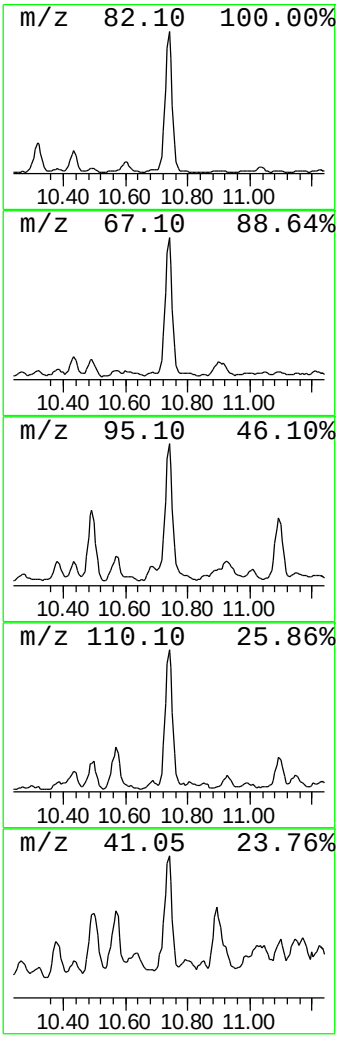
Peak Number 17 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	8.49 ng/ul	2297300	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	49
2	2,4-Hexadiene	82	C6H10	000592-46-1	49
3	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	47
4	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	47
5	Cyclopentane, (1-methylethylidene)-	110	C8H14	000765-83-3	46





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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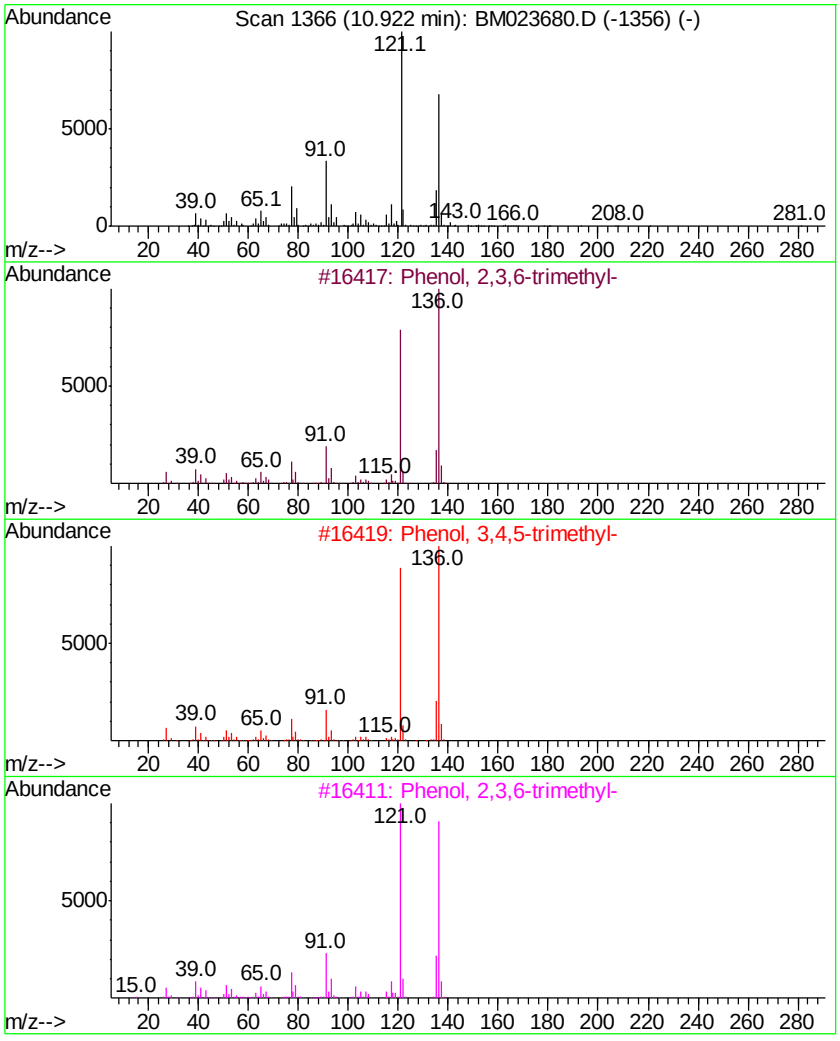
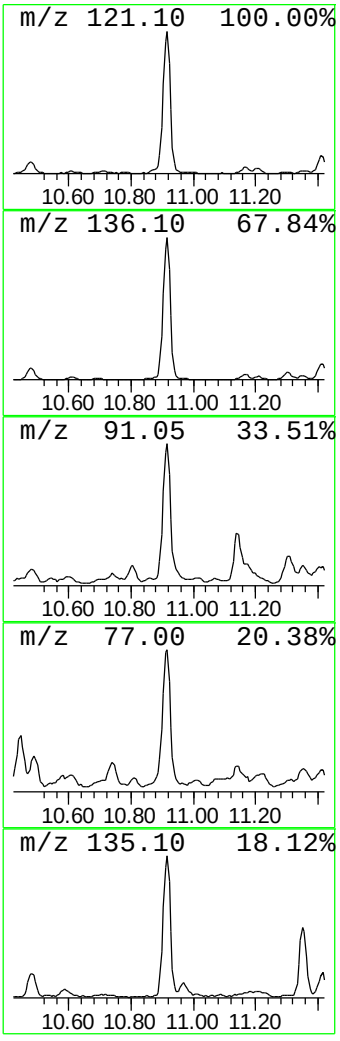
Peak Number 18 Phenol, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	13.99 ng/ul	3787000	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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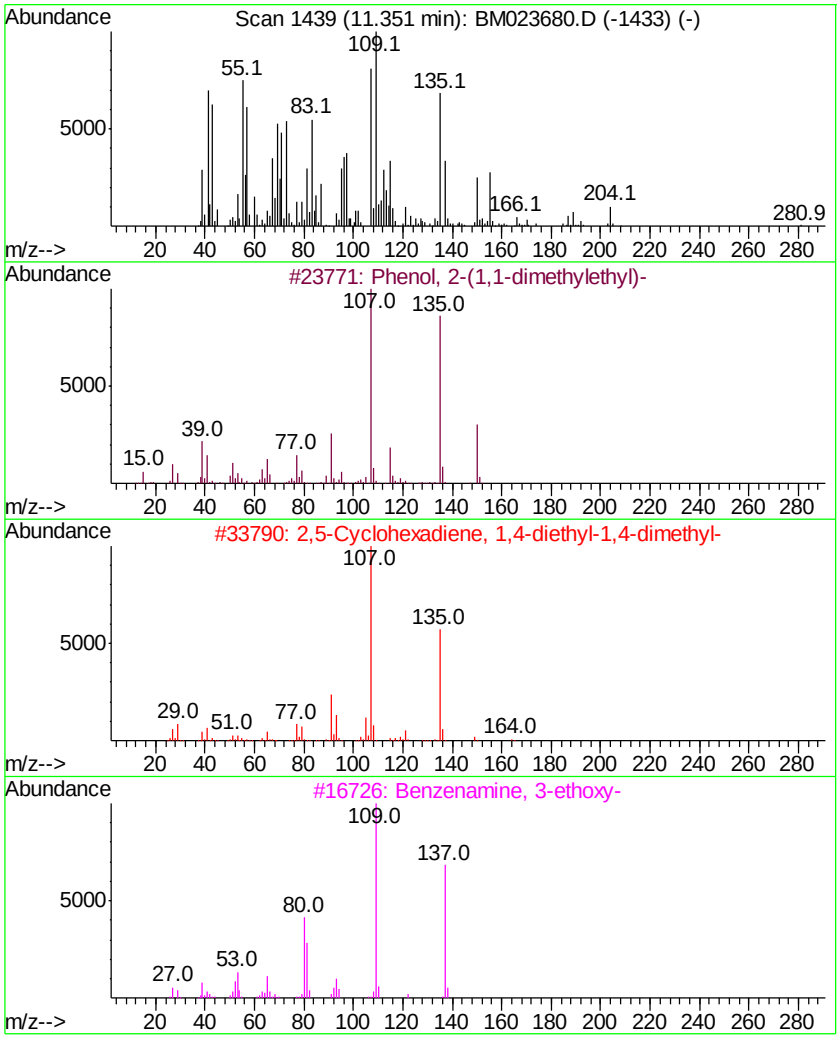
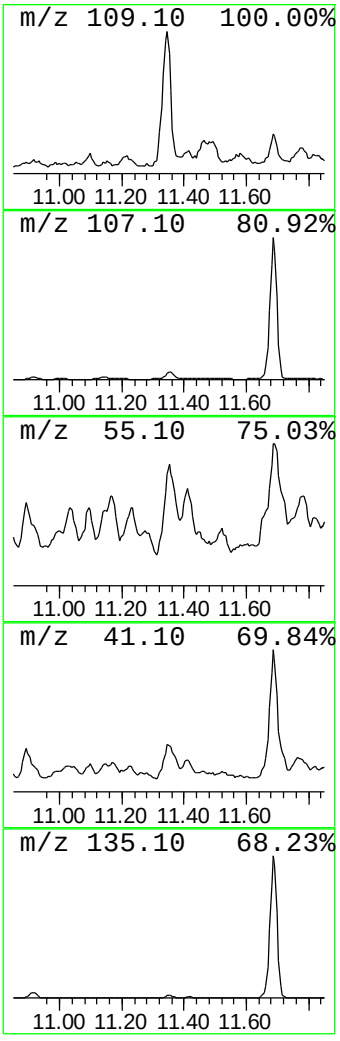
Peak Number 19 unknown-06 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	6.48 ng/ul	1753400	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30
2	2,5-Cyclohexadiene, 1,4-diethyl-...	164	C12H20	1000150-21-6	22
3	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	18
4	Urea, (3-methylphenyl)-	150	C8H10N2O	000063-99-0	18
5	Phenol, 2-butyl-	150	C10H14O	003180-09-4	18





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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

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Quant Title : SVOA CALIBRATION

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

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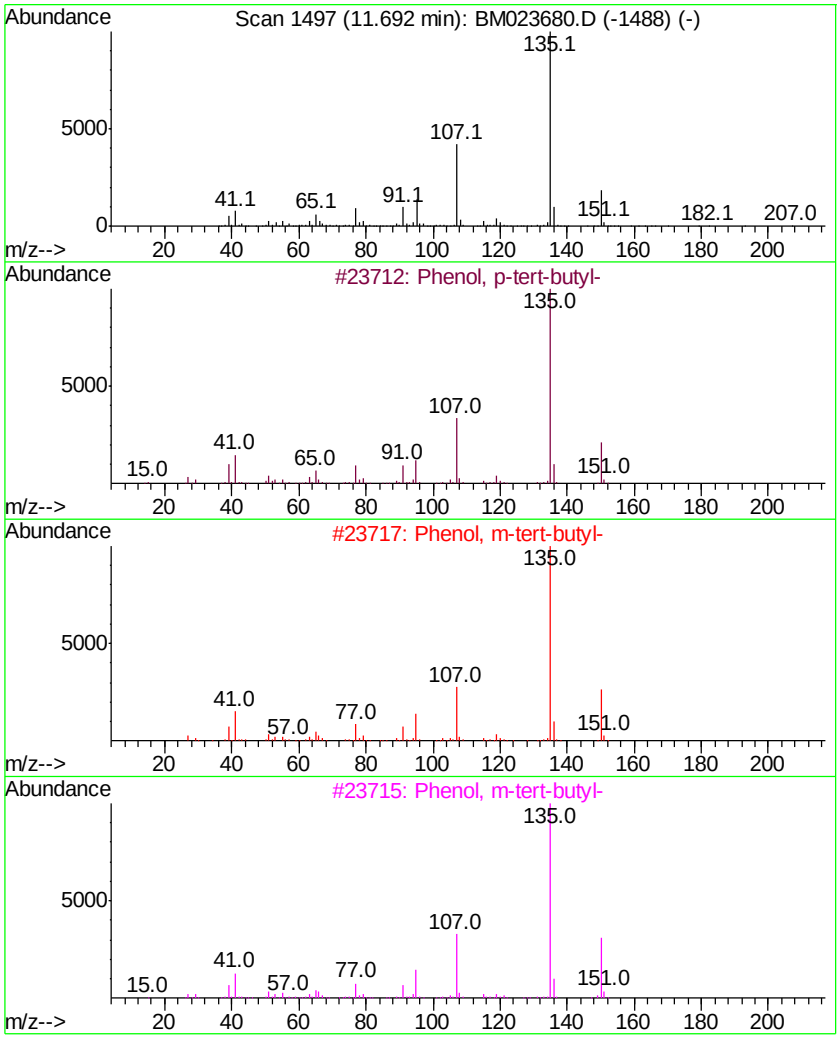
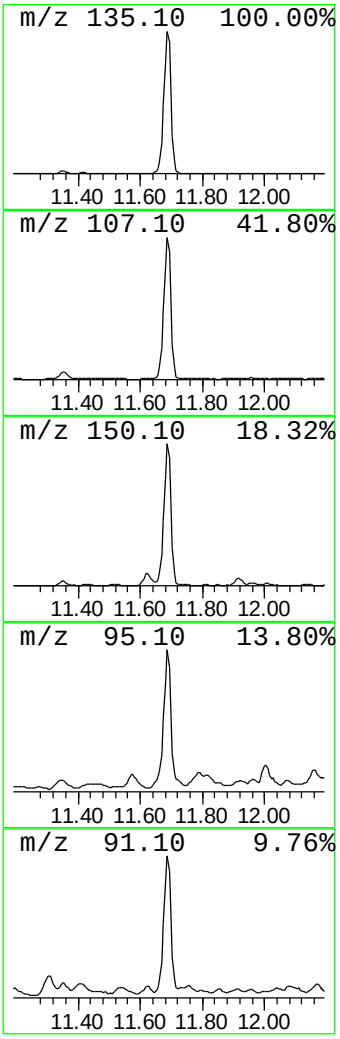
Peak Number 20 Phenol, p-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	34.66 ng/ul	9378790	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52





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Acq On : 13 Nov 2019 01:02
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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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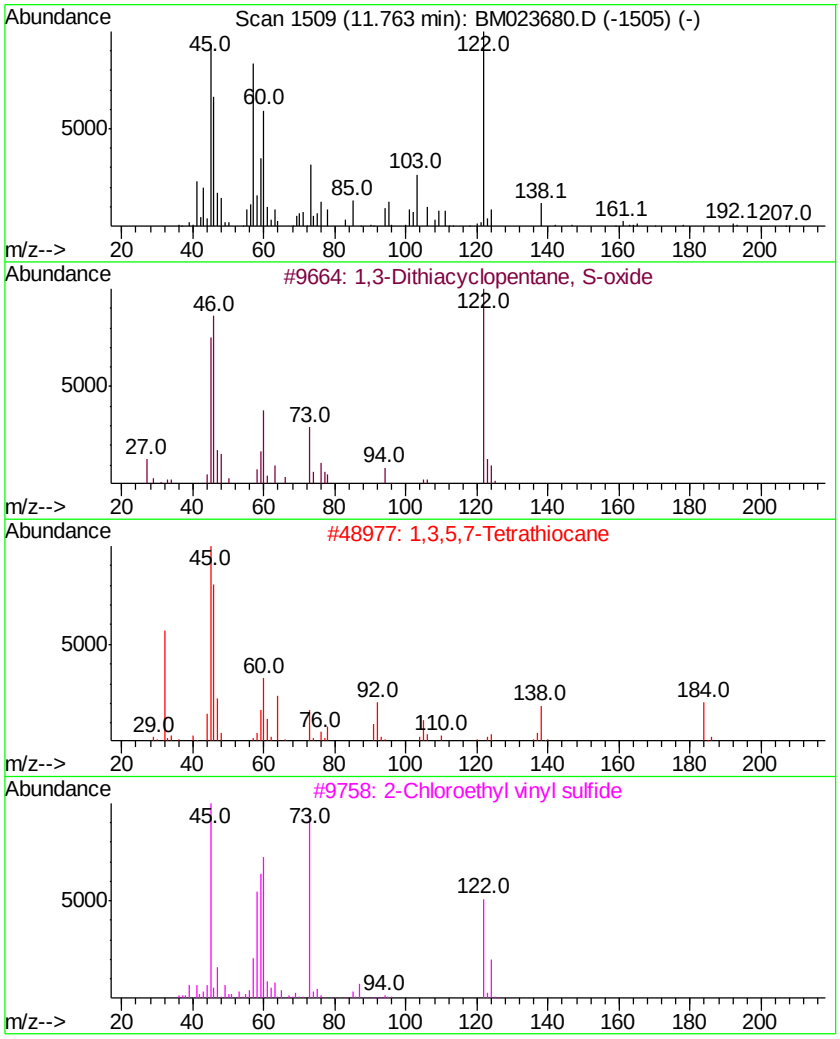
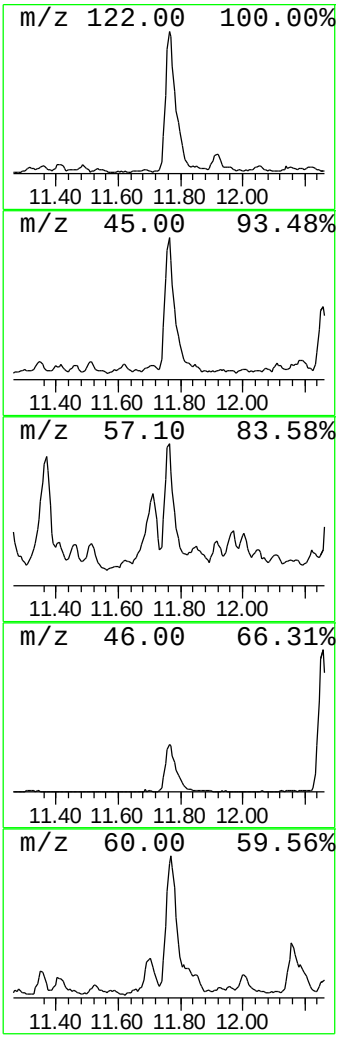
Peak Number 21 1,3-Dithiacyclopentane, S-o... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.60 ng/ul	1514560	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dithiacyclopentane, S-oxide	122	C3H6OS2	079888-63-4	70
2	1,3,5,7-Tetrathiocane	184	C4H8S4	002373-00-4	43
3	2-Chloroethyl vinyl sulfide	122	C4H7ClS	081142-02-1	42
4	1,2,4-Trithiolane	124	C2H4S3	000289-16-7	35
5	Thiazole, 2-ethyl-4,5-dihydro-	115	C5H9NS	016982-46-0	32





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Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

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Quant Title : SVOA CALIBRATION

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

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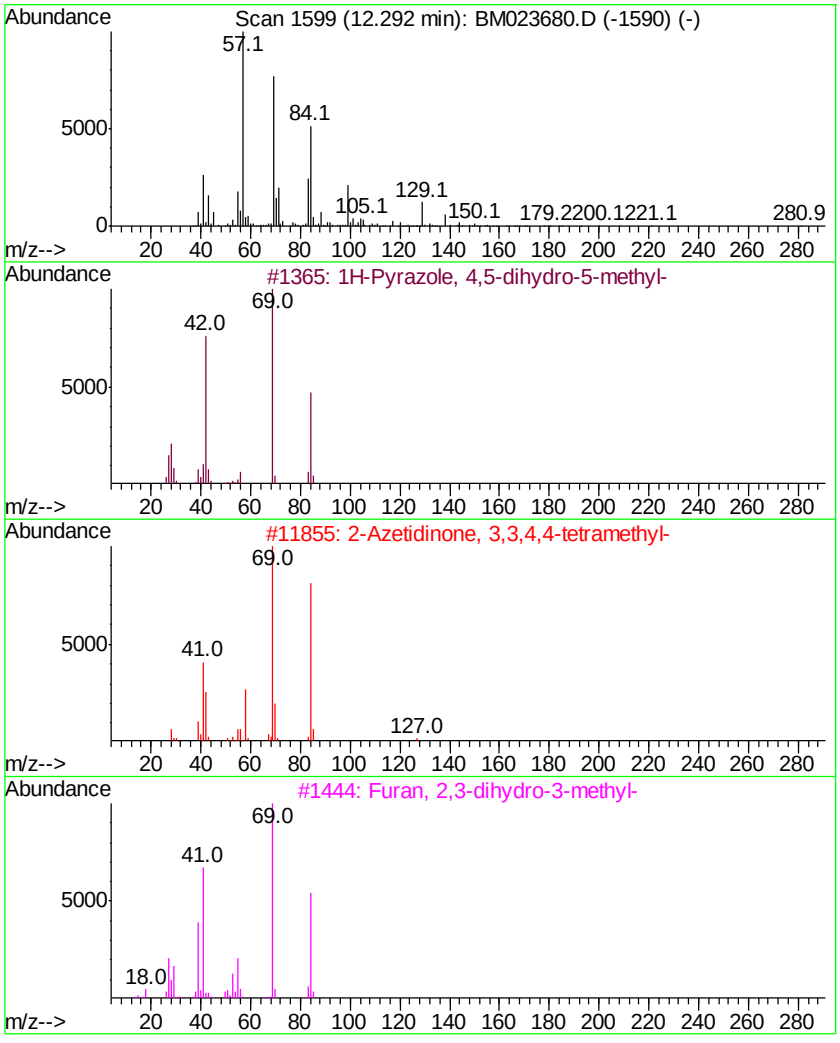
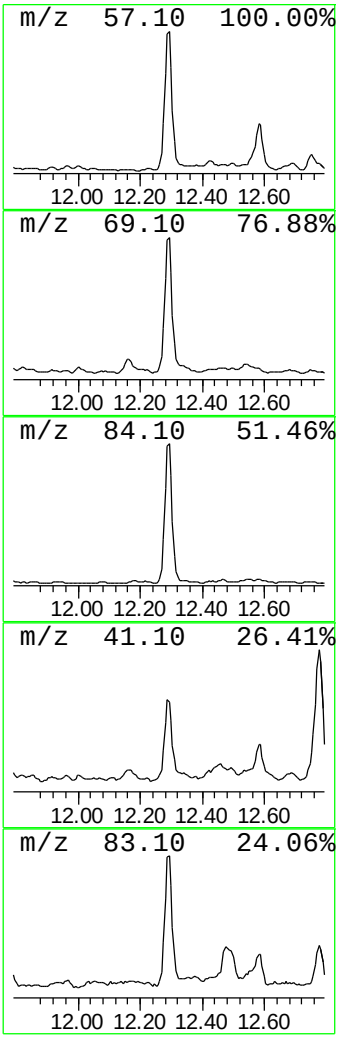
Peak Number 22 unknown-07 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.54 ng/ul	6492880	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	46
2	2-Azetidinone, 3,3,4,4-tetramethyl-	127	C7H13NO	013423-22-8	43
3	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	43
4	Formic acid, 4-methylpent-2-yl e...	130	C7H14O2	1000367-94-0	43
5	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	25





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

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Quant Title : SVOA CALIBRATION

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

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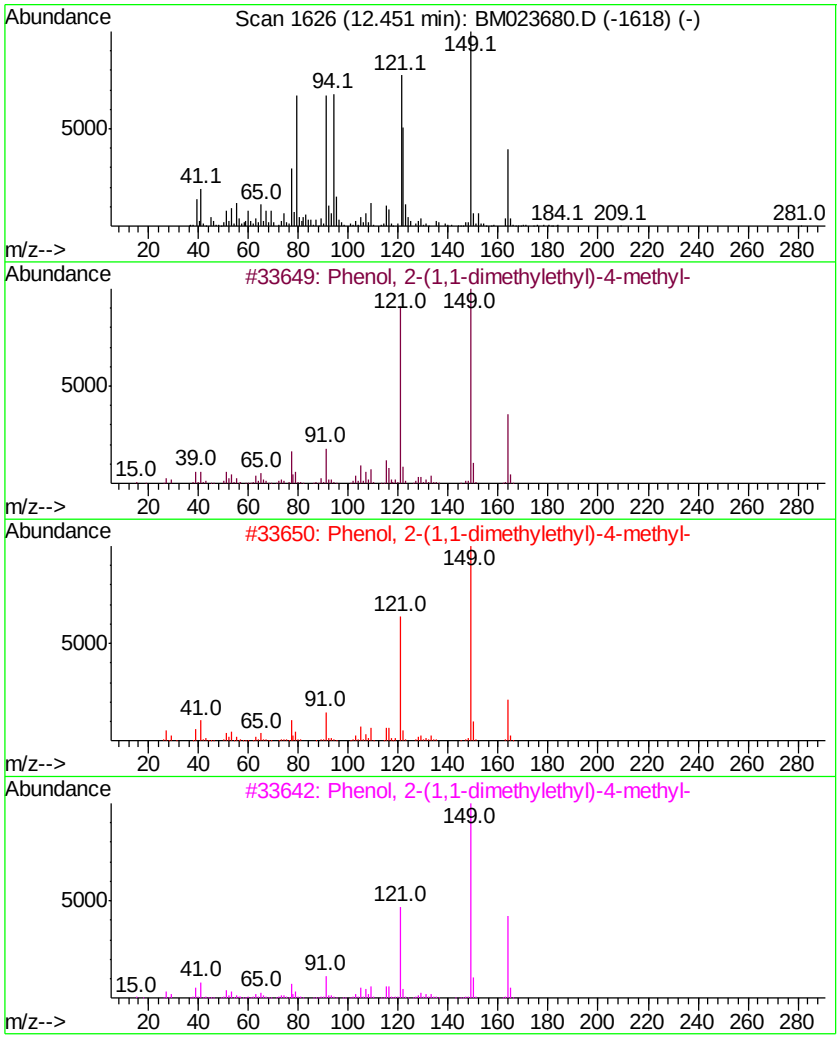
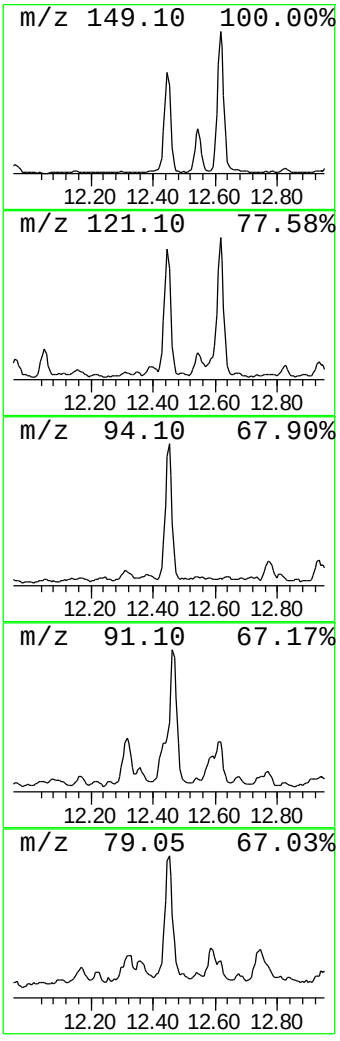
Peak Number 23 Phenol, 2-(1,1-dimethylethy... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.92 ng/ul	2894880	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	64
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	60
3	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	55
4	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	53
5	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	49





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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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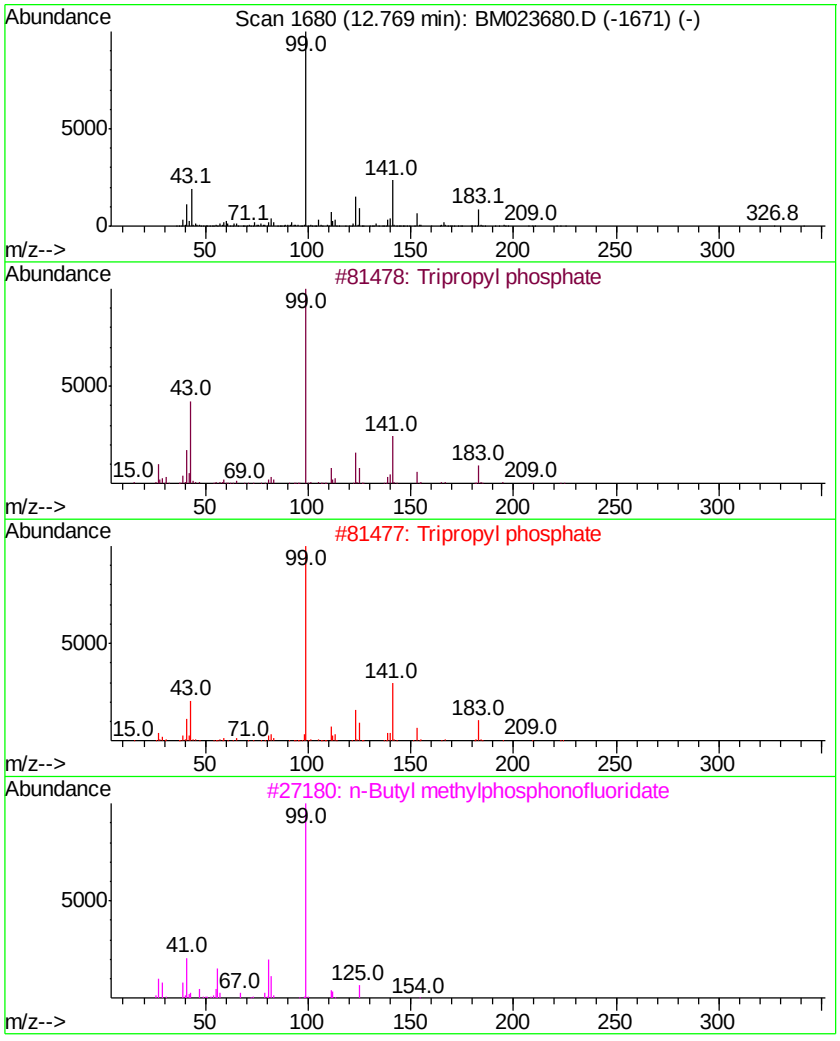
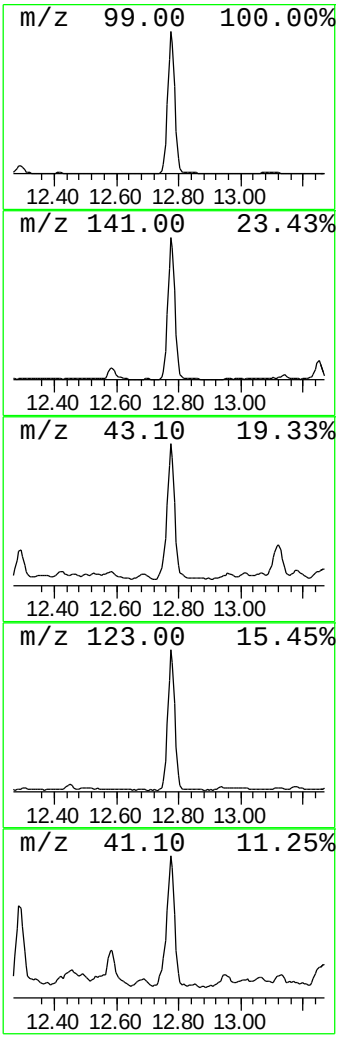
Peak Number 24 Tripropyl phosphate Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	10.10 ng/ul	10032900	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	91
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
3	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	38
4	Methylphoshonic acid, fluoroanhy...	170	C5H12FO3P	1000273-54-6	28
5	2-Methyl-2-propyl methylphosphon...	154	C5H12FO2P	013273-12-6	23





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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

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Quant Title : SVOA CALIBRATION

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

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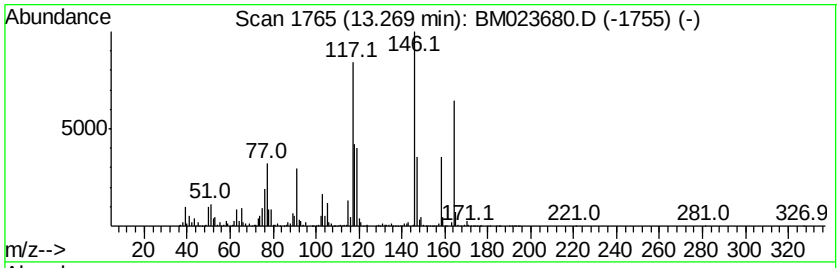
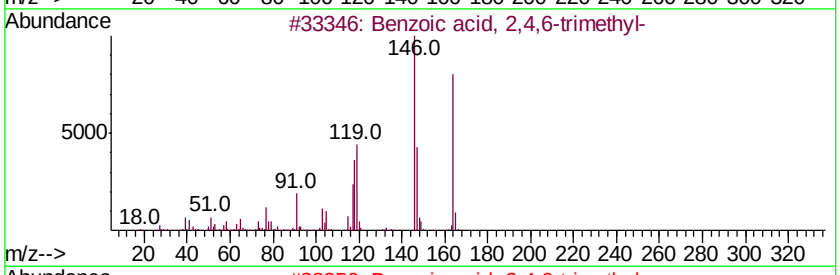
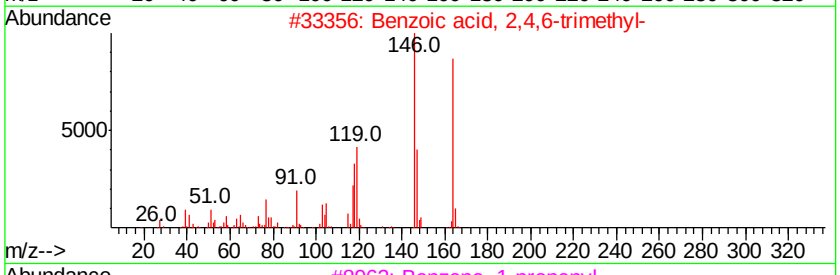
Peak Number 25 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 20

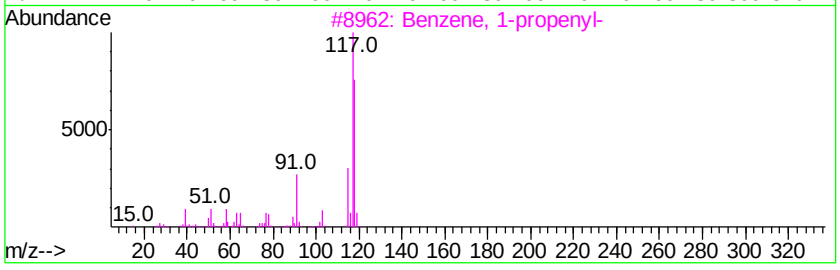
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	12.95 ng/ul	12861000	Acenaphthene-d10	14.20

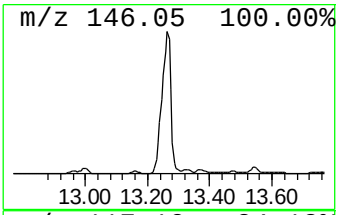
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	78
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	38
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	38
4	Quinoxaline, 2,3-dimethyl-	158	C10H10N2	002379-55-7	38
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	38

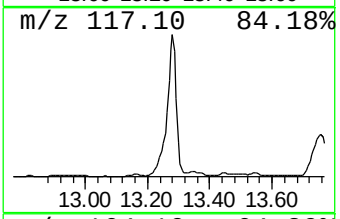


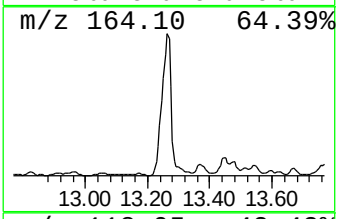


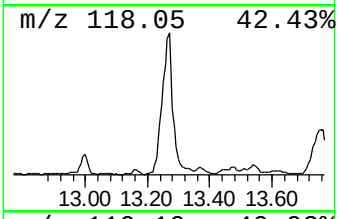


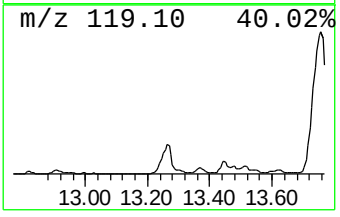












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Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

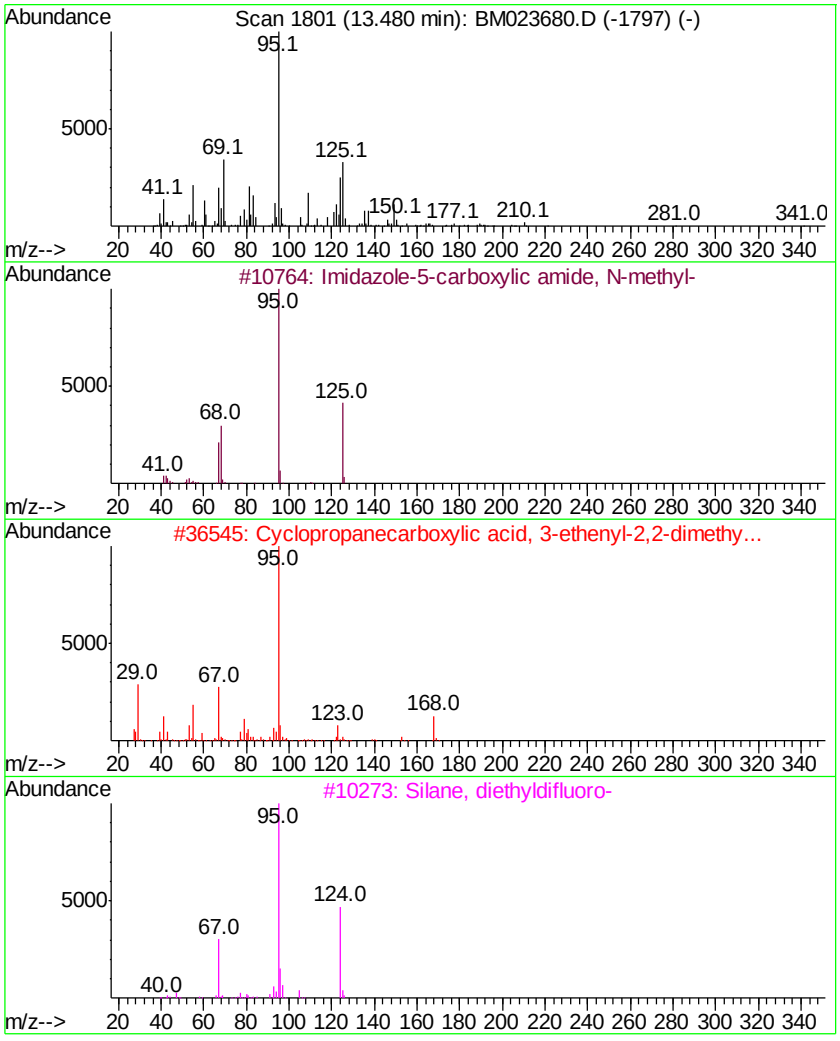
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

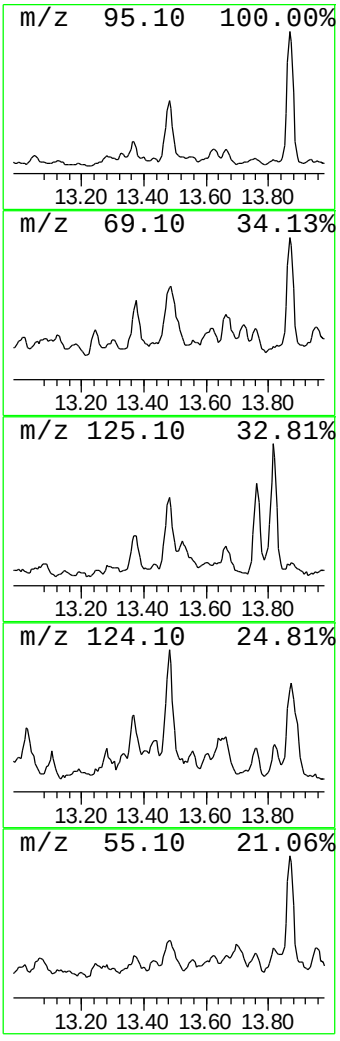
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Imidazole-5-carboxylic amid... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.25 ng/ul	2237220	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole-5-carboxylic amide, N-...	125	C5H7N3O	053525-55-6	52
2	Cyclopropanecarboxylic acid, 3-e...	168	C10H16O2	060066-50-4	47
3	Silane, diethyldifluoro-	124	C4H10F2Si	000358-06-5	47
4	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	46
5	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	43





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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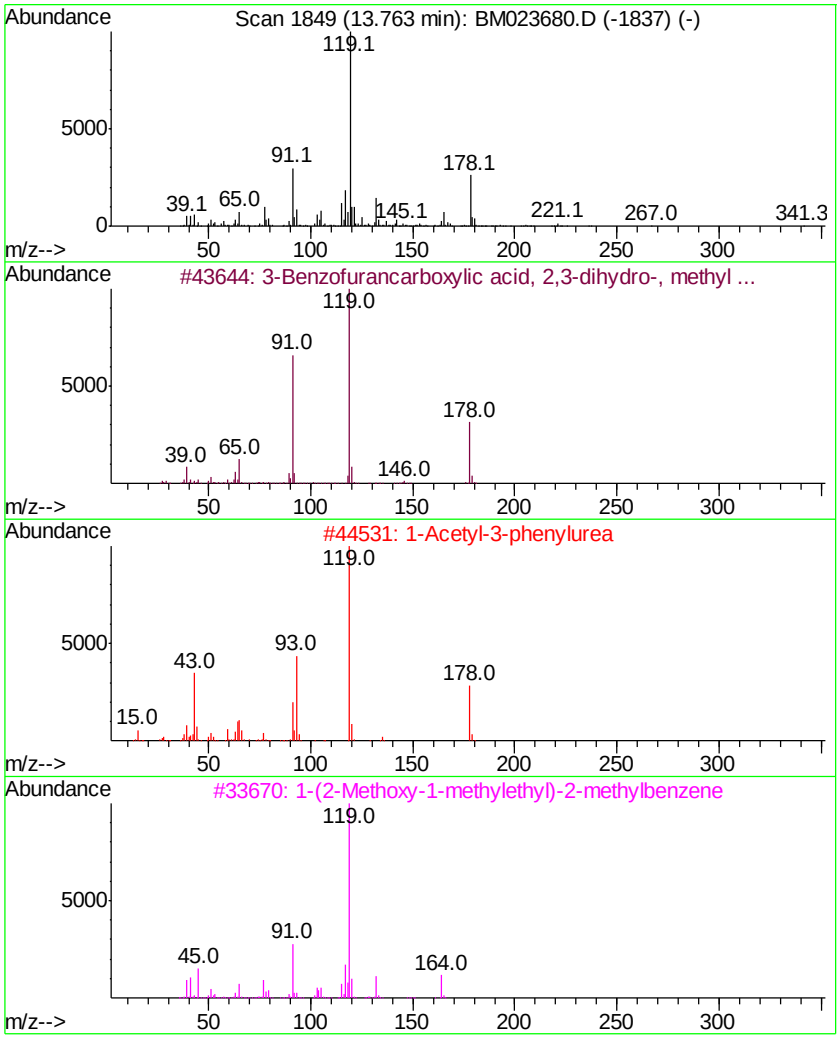
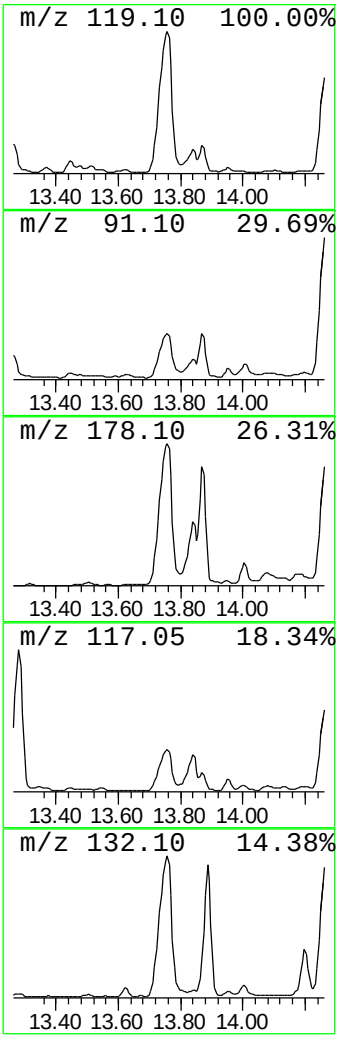
Peak Number 27 3-Benzofurancarboxylic acid... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	12.26 ng/ul	12173500	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzofurancarboxylic acid, 2,3...	178	C10H10O3	039891-56-0	53
2	1-Acetyl-3-phenylurea	178	C9H10N2O2	000102-03-4	53
3	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	52
4	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	50
5	o-Cymene	134	C10H14	000527-84-4	49





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ALS Vial : 25 Sample Multiplier: 1

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

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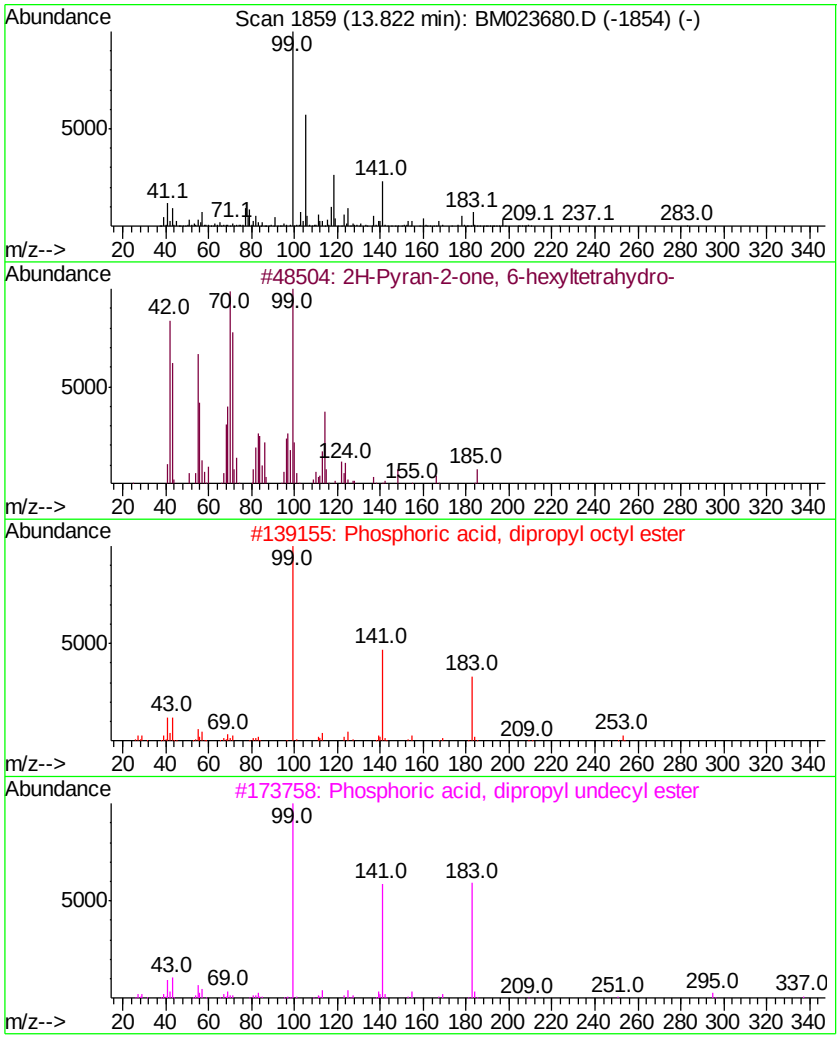
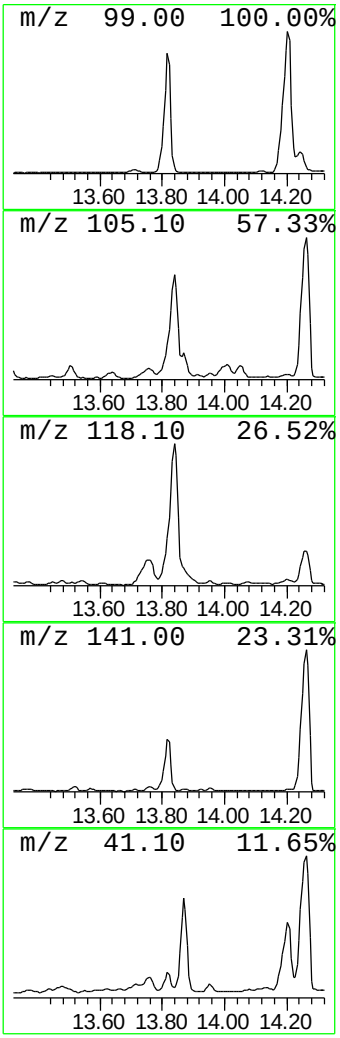
Peak Number 28 2H-Pyran-2-one, 6-hexyltetr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.84 ng/ul	4803780	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	83
2	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	50
3	Phosphoric acid, dipropyl undecy...	336	C17H37O4P	1000308-95-7	40
4	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	37
5	Dihydropyrimidine-4,6-dione, 5-[...	373	C18H23N5O2S	1000304-28-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

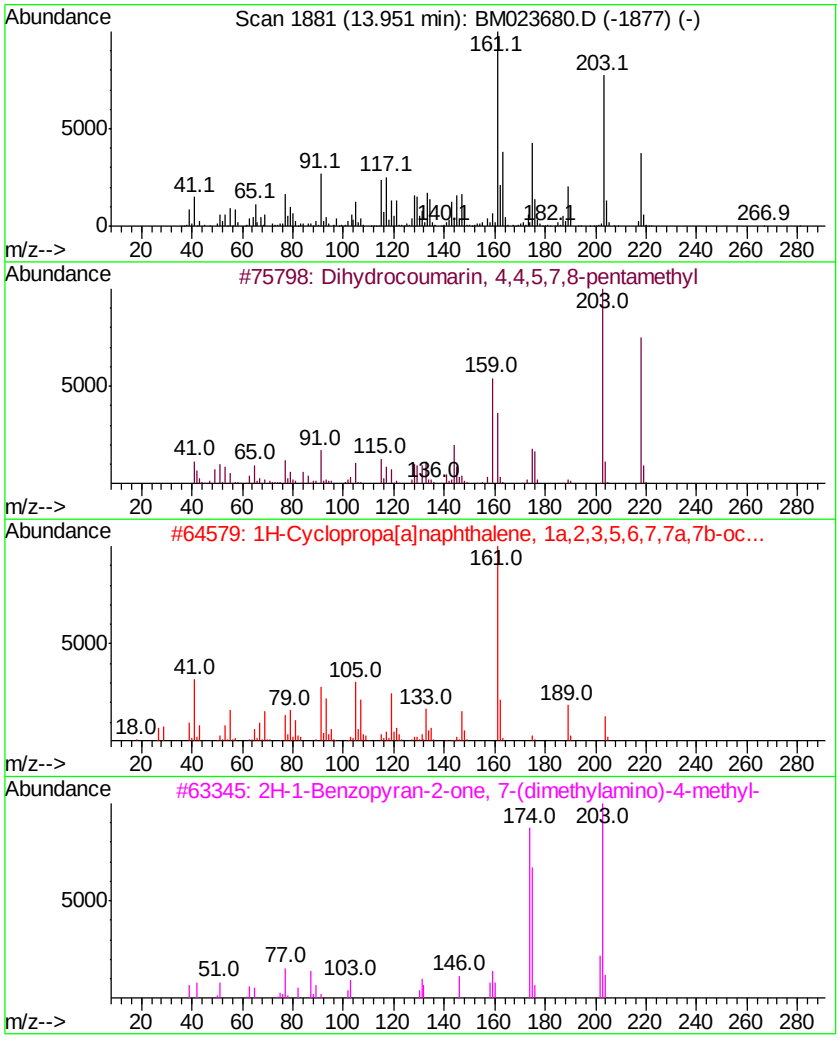
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

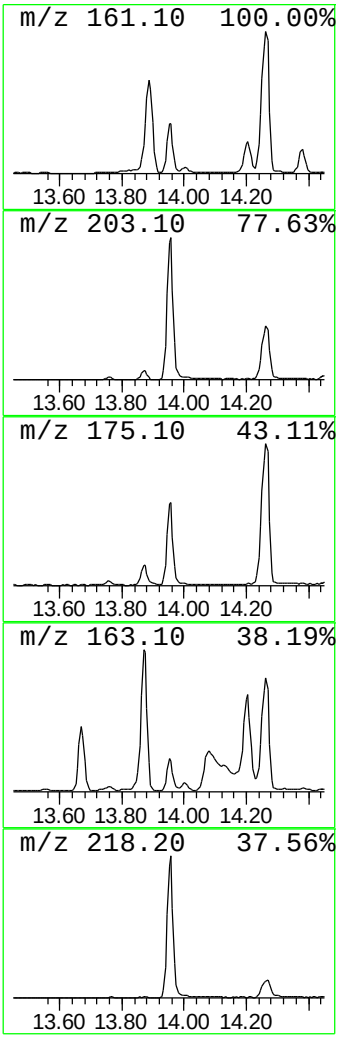
****

Peak Number 29 unknown-08 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.08 ng/ul	3057690	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	46
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	30
3	2H-1-Benzopyran-2-one, 7-(dimeth...	203	C12H13NO2	000087-01-4	30
4	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	30
5	Glutarimide, N-(3-methylphenyl)-	203	C12H13NO2	1000360-92-6	30





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Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

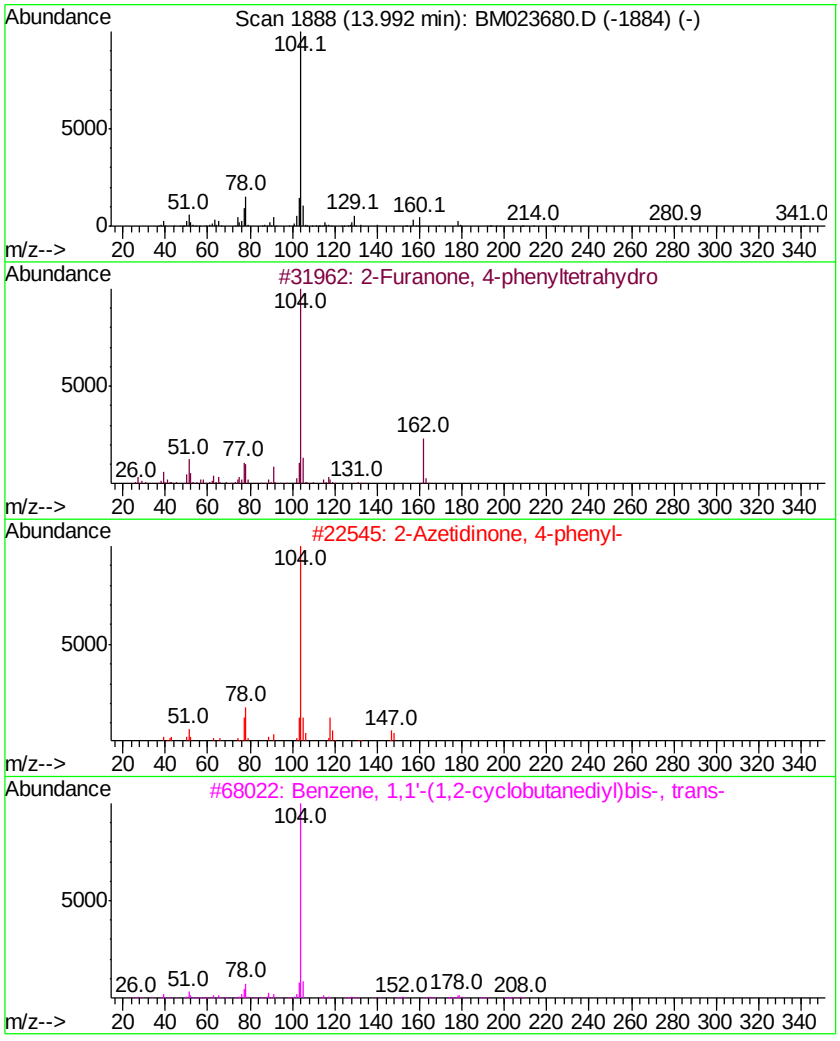
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

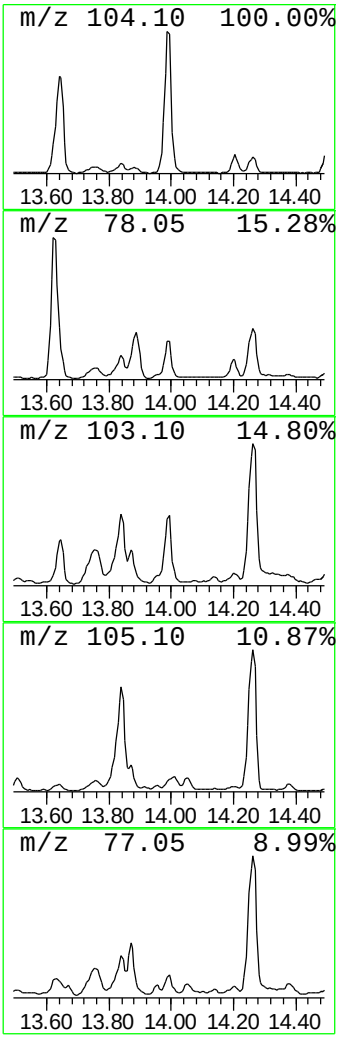
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 2-Furanone, 4-phenyltetrahydro Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.24 ng/ul	3213270	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	72
2	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	72
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	72
4	2,5-Pyrrolidinedione, 3-phenyl-	175	C10H9NO2	003464-18-4	72
5	4H-Pyran-4-one 2,3-dihydro-2-phe...	174	C11H10O2	1000163-21-2	64





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Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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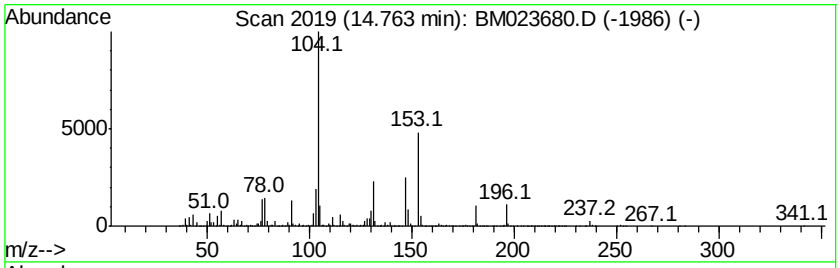
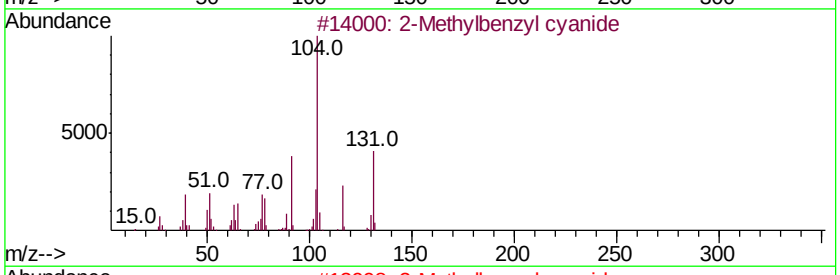
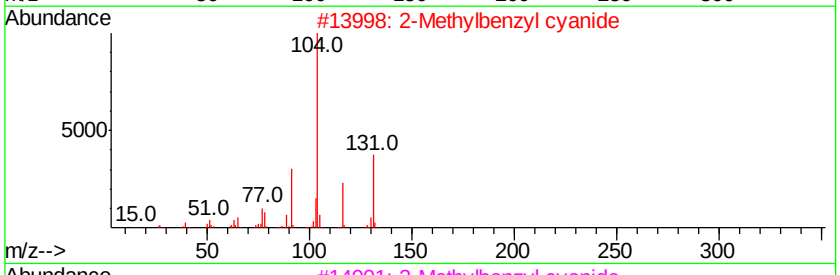
Peak Number 31 unknown-09 Concentration Rank 1

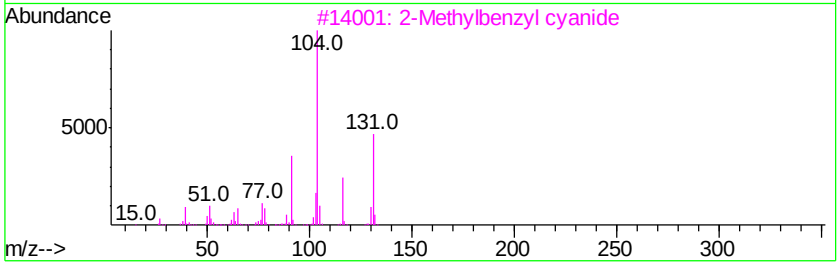
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	201.80 ng/ul	200373000	Acenaphthene-d10	14.20

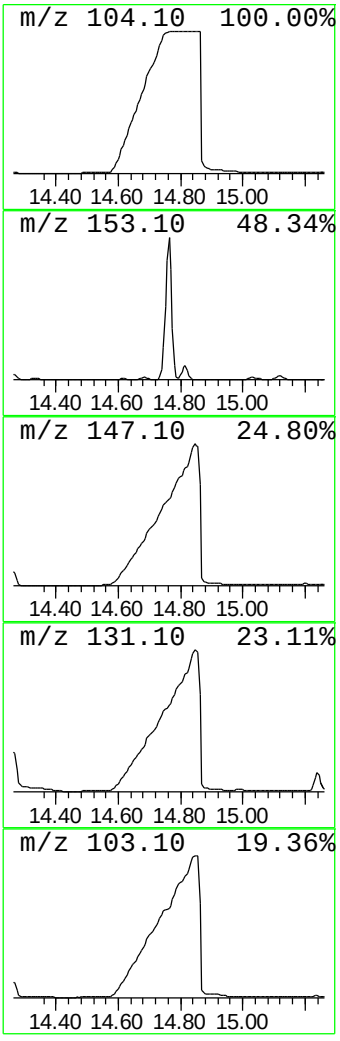
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
2	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
4	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	42
5	Phensuximide	189	C11H11NO2	000086-34-0	41











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

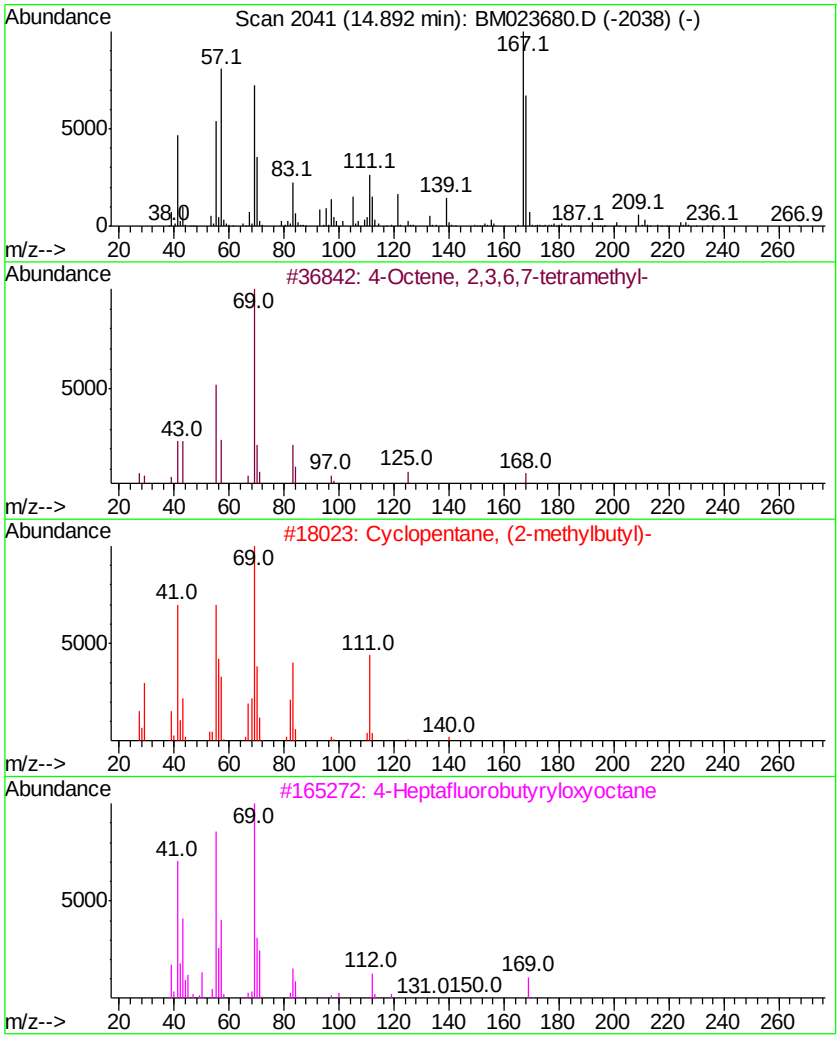
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

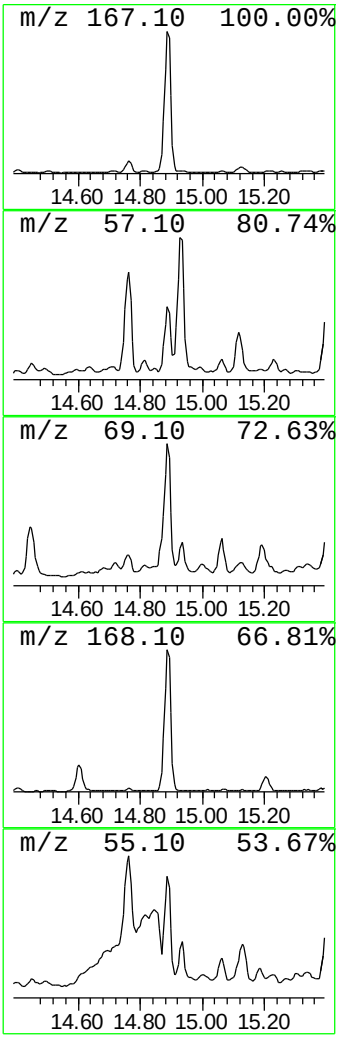
****

Peak Number 32 (DEL) Alkane: Cyclic14.89 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.35 ng/ul	3328240	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	38
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3	4-Heptafluorobutyryloxyoctane	326	C12H17F7O2	1000215-96-8	27
4	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	25
5	2-Methyl-2-heptene	112	C8H16	000627-97-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

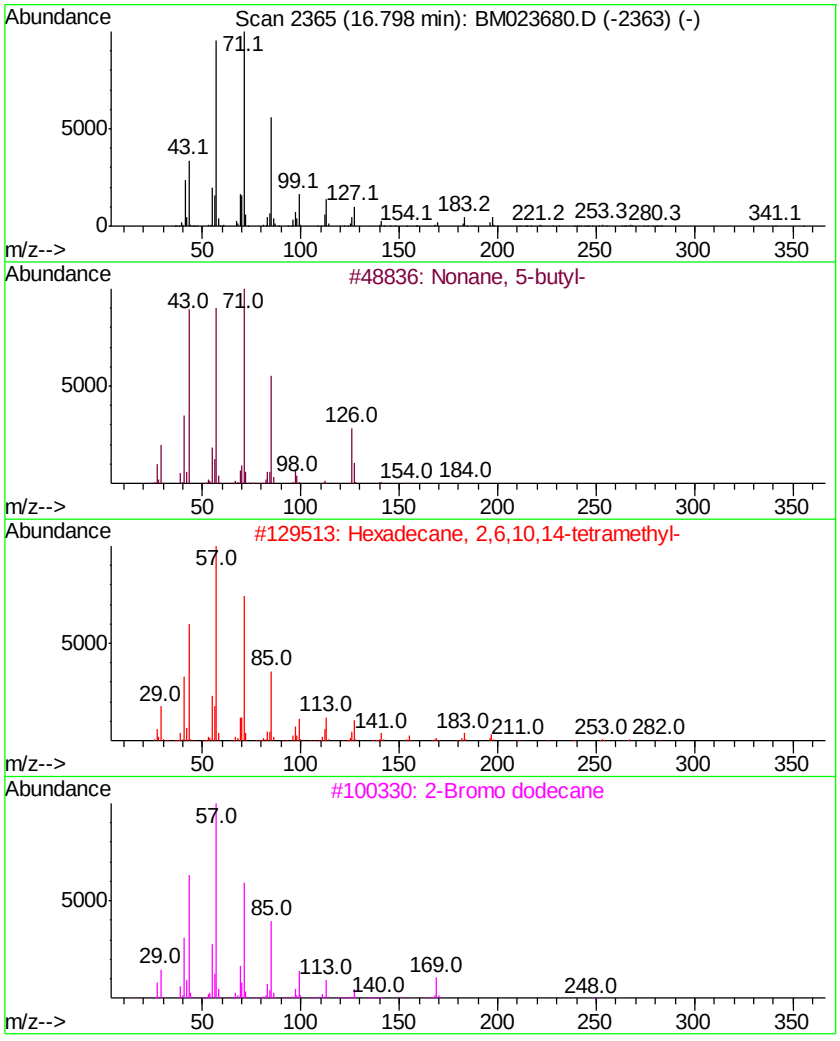
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

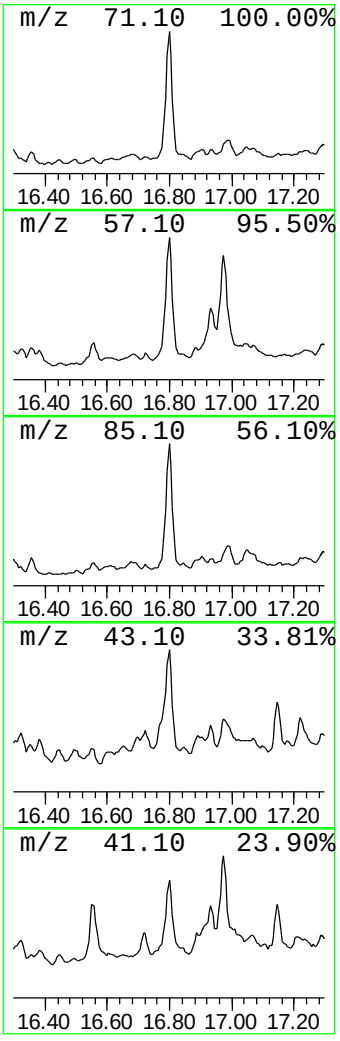
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.39 ng/ul	4648040	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

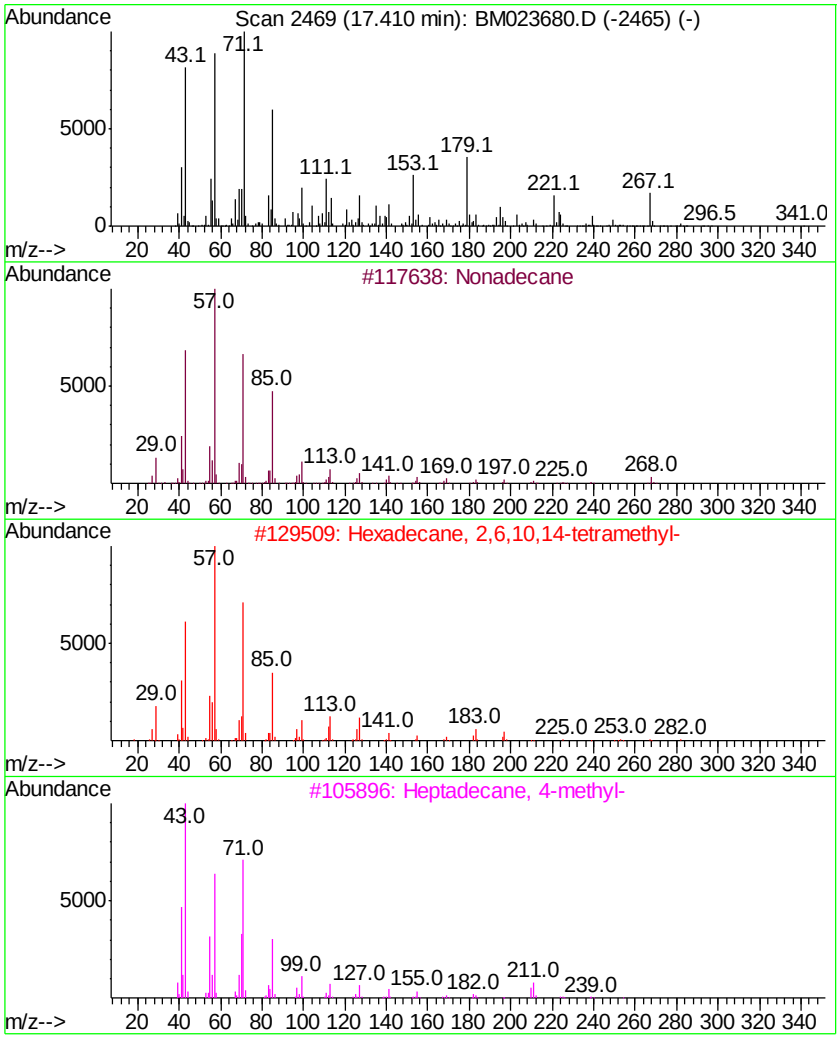
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

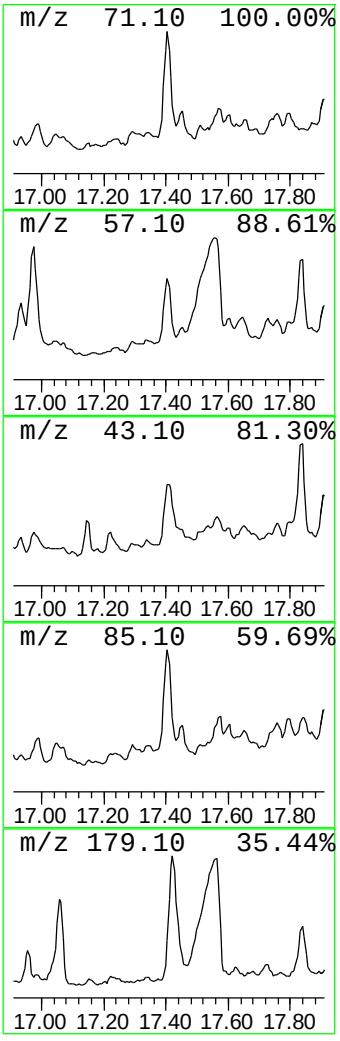
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	4.11 ng/ul	5640990	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	60
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	60
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
Data File : BM023680.D
Acq On : 13 Nov 2019 01:02
Operator : JU
Sample : K5579-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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, chloro-	4.89	87.9	ng/ul	20468500	1	7.54	4657720	20.0
Benzene, (1-methy...	6.05	19.1	ng/ul	4435560	1	7.54	4657720	20.0
1,2-Ethanediamine...	6.53	23.3	ng/ul	5434860	1	7.54	4657720	20.0
2-Methyl-1,3-dith...	7.43	8.8	ng/ul	2045090	1	7.54	4657720	20.0
unknown-01	7.76	11.9	ng/ul	2773450	1	7.54	4657720	20.0
Indane	7.91	23.1	ng/ul	5380950	1	7.54	4657720	20.0
Benzene, 1,4-diet...	8.04	10.4	ng/ul	2423050	1	7.54	4657720	20.0
unknown-02	8.78	7.9	ng/ul	1848200	1	7.54	4657720	20.0
3-Octanol, 3,7-di...	8.87	40.9	ng/ul	9521390	1	7.54	4657720	20.0
Benzene, 1,2,4,5-...	9.17	6.0	ng/ul	1612800	2	10.32	5412080	20.0
Benzene, 1-etheny...	9.58	6.3	ng/ul	1710350	2	10.32	5412080	20.0
2,4-Dimethylstyrene	9.73	11.1	ng/ul	3009200	2	10.32	5412080	20.0
unknown-03	9.87	6.6	ng/ul	1797610	2	10.32	5412080	20.0
2H-Benzotriazole,...	10.40	7.5	ng/ul	2044200	2	10.32	5412080	20.0
unknown-04	10.49	6.3	ng/ul	1693490	2	10.32	5412080	20.0
unknown-05	10.74	8.5	ng/ul	2297300	2	10.32	5412080	20.0
Phenol, 2,3,6-tri...	10.92	14.0	ng/ul	3787000	2	10.32	5412080	20.0
unknown-06	11.35	6.5	ng/ul	1753400	2	10.32	5412080	20.0
Phenol, p-tert-bu...	11.69	34.7	ng/ul	9378790	2	10.32	5412080	20.0
1,3-Dithiacyclope...	11.76	5.6	ng/ul	1514560	2	10.32	5412080	20.0
unknown-07	12.29	6.5	ng/ul	6492880	3	14.20	19858900	20.0
Phenol, 2-(1,1-di...	12.45	2.9	ng/ul	2894880	3	14.20	19858900	20.0
Tripropyl phosphate	12.77	10.1	ng/ul	10032900	3	14.20	19858900	20.0
Benzoic acid, 2,4...	13.27	12.9	ng/ul	12861000	3	14.20	19858900	20.0
Imidazole-5-carbo...	13.48	2.3	ng/ul	2237220	3	14.20	19858900	20.0
3-Benzofurancarbo...	13.76	12.3	ng/ul	12173500	3	14.20	19858900	20.0
2H-Pyran-2-one, 6...	13.82	4.8	ng/ul	4803780	3	14.20	19858900	20.0
unknown-08	13.95	3.1	ng/ul	3057690	3	14.20	19858900	20.0
2-Furanone, 4-phe...	13.99	3.2	ng/ul	3213270	3	14.20	19858900	20.0
unknown-09	14.76	201.8	ng/ul	200373000	3	14.20	19858900	20.0
(DEL) Alkane: Cyc...	14.89	3.4	ng/ul	3328240	3	14.20	19858900	20.0
(DEL) Alkane: Str...	16.80	3.4	ng/ul	4648040	4	16.96	27437300	20.0
(DEL) Alkane: Str...	17.41	4.1	ng/ul	5640990	4	16.96	27437300	20.0