LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
Sample : L1486-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

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-BM020620MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.716	135	141	155	rVB	241055	538634	3.01%	0.324%
2	4.975	349	355	362	rBV	63238	112922	0.63%	0.068%
3	5.104	370	377	387	rBV	69380	170384	0.95%	0.103%
4	5.457	429	437	445	rVB	63460	110189	0.62%	0.066%
5	6.587	620	629	635	rVV	201275	392121	2.19%	0.236%
6	6.740	649	655	663	rBV	839643	1375673	7.69%	0.828%
7	6.928	679	687	697	rBV	934746	1514516	8.46%	0.911%
8	7.051	702	708	713	rVV	175131	268451	1.50%	0.162%
9	7.110	713	718	726	rVB	193951	320090	1.79%	0.193%
10	7.387	756	765	777	rBV	1035876	1655762	9.25%	0.996%
11	7.504	780	785	794	rVB3	56645	111475	0.62%	0.067%
12	7.751	819	827	836	rBV	1324276	2039821	11.40%	1.228%
13	7.910	846	854	866	rBV	2068336	3278845	18.32%	1.973%
14	8.098	880	886	896	rBV	653359	1040475	5.81%	0.626%
15	8.522	953	958	970	rVB	983140	1766564	9.87%	1.063%
16	8.722	986	992	1002	rVB	134724	215590	1.20%	0.130%
17	8.845	1002	1013	1019	rBV	297419	623247	3.48%	0.375%
18	8.904	1019	1023	1029	rVB	80803	131351	0.73%	0.079%
19	9.234	1072	1079	1089	rBV	809592	1377580	7.70%	0.829%
20	9.404	1103	1108	1115	rVB	120089	191739	1.07%	0.115%
21	9.551	1125	1133	1145	rBV4	212109	478150	2.67%	0.288%
22	9.769	1164	1170	1190	rBV	1222792	2206490	12.33%	1.328%
23	10.133	1225	1232	1236	rVV	1268578	2120989	11.85%	1.276%
24	10.186	1236	1241	1252	rVV	3085253	4889771	27.33%	2.943%
25	10.298	1252	1260	1272	rVB	446019	806999	4.51%	0.486%
26	11.239	1414	1420	1426	rBV2	62931	111372	0.62%	0.067%
27	11.698	1492	1498	1503	rBV	153717	249907	1.40%	0.150%
28	11.810	1510	1517	1526	rBV	1838960	2892454	16.17%	1.741%
29	11.933	1533	1538	1544	rVV	104182	185188	1.03%	0.111%
30	12.033	1544	1555	1567	rVB	2975563	4845834	27.08%	2.916%
31	12.857	1685	1695	1708	rBV	2204218	3326288	18.59%	2.002%
32	13.051	1723	1728	1742	rVB	350005	711651	3.98%	0.428%
33	13.210	1742	1755	1761	rBV	322465	851638	4.76%	0.513%
34	13.351	1772	1779	1784	rBV	647931	1120200	6.26%	0.674%

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Instrument : BNA_M
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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

35	13.404	1784	1788	1792	rVV	254713	390380	2.18%	0.235%
36	13.463	1792	1798	1803	rVV	2427522	3460287	19.34%	2.082%
37	13.504	1803	1805	1813	rVV	100328	129142	0.72%	0.078%
38	13.592	1813	1820	1823	rVV	171303	283687	1.59%	0.171%
39	13.621	1823	1825	1830	rVB	98893	116531	0.65%	0.070%
40	13.721	1835	1842	1846	rBV	2770605	4235192	23.67%	2.549%
41	14.033	1888	1895	1900	rVV2	2098645	3304534	18.47%	1.989%
42	14.104	1900	1907	1915	rVV	12362295	17893113	100.00%	10.768%
43	14.168	1915	1918	1924	rVV	264226	378539	2.12%	0.228%
44	14.268	1927	1935	1941	rVV4	123613	312316	1.75%	0.188%
45	14.351	1941	1949	1954	rVV	346431	607933	3.40%	0.366%
46	14.439	1954	1964	1972	rVV	7467080	10747057	60.06%	6.468%
47	14.533	1974	1980	1991	rVB2	108817	208728	1.17%	0.126%
48	15.039	2060	2066	2070	rVV	3890077	5403456	30.20%	3.252%
49	15.098	2070	2076	2082	rVV	6695736	9531534	53.27%	5.736%
50	15.174	2083	2089	2094	rVV	993064	1620886	9.06%	0.975%
51	15.221	2094	2097	2099	rVV	285650	388253	2.17%	0.234%
52	15.257	2099	2103	2108	rVV	507643	809615	4.52%	0.487%
53	15.304	2109	2111	2114	rVV2	110596	162144	0.91%	0.098%
54	15.345	2114	2118	2122	rVV	260536	397846	2.22%	0.239%
55	15.392	2122	2126	2138	rVV	549160	831332	4.65%	0.500%
56	15.498	2138	2144	2147	rVV4	67416	116923	0.65%	0.070%
57	15.539	2147	2151	2160	rVV	594554	1148856	6.42%	0.691%
58	15.627	2160	2166	2171	rVB2	91215	179153	1.00%	0.108%
59	15.768	2184	2190	2196	rBV	458082	693755	3.88%	0.418%
60	15.892	2205	2211	2219	rVB	410351	587951	3.29%	0.354%
61	16.080	2235	2243	2244	rBV3	172279	343338	1.92%	0.207%
62	16.104	2244	2247	2252	rVV	229898	341908	1.91%	0.206%
63	16.251	2267	2272	2278	rVB	119765	188106	1.05%	0.113%
64	16.445	2302	2305	2315	rVB4	65568	124046	0.69%	0.075%
65	16.539	2315	2321	2325	rBV5	64112	129995	0.73%	0.078%
66	16.604	2325	2332	2338	rVB	884132	1336397	7.47%	0.804%
67	16.792	2353	2364	2367	rBV	2284904	3531922	19.74%	2.126%
68	16.833	2367	2371	2376	rVB	8620735	11415903	63.80%	6.870%
69	16.886	2376	2380	2385	rBV2	4037749	5588636	31.23%	3.363%
70	16.992	2394	2398	2408	rVB5	102024	198870	1.11%	0.120%
71	17.198	2423	2433	2438	rBV	2106080	2963952	16.56%	1.784%

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Integrator: RTE
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	17.298	2446	2450	2458	rBV5	137785	380398	2.13%	0.229%
73	17.362	2458	2461	2466	rVV	223185	315612	1.76%	0.190%
74	17.668	2509	2513	2517	rVB	202054	248551	1.39%	0.150%
75	17.715	2517	2521	2529	rBV2	503463	965853	5.40%	0.581%
76	17.792	2530	2534	2540	rVB2	150415	224313	1.25%	0.135%
77	17.856	2540	2545	2550	rBV	742349	1140332	6.37%	0.686%
78	17.968	2558	2564	2568	rBV2	120101	244678	1.37%	0.147%
79	18.015	2568	2572	2577	rVB	193717	261216	1.46%	0.157%
80	18.109	2584	2588	2596	rVB2	169974	307256	1.72%	0.185%
81	18.174	2596	2599	2603	rVV	160784	215312	1.20%	0.130%
82	18.603	2665	2672	2677	rVB7	45478	135519	0.76%	0.082%
83	18.721	2690	2692	2702	rVB7	41823	107899	0.60%	0.065%
84	18.856	2710	2715	2721	rVB	1673329	2205223	12.32%	1.327%
85	18.956	2729	2732	2739	rVB	93626	140218	0.78%	0.084%
86	19.080	2749	2753	2756	rBV2	68882	106898	0.60%	0.064%
87	19.198	2766	2773	2776	rBV	5556766	7646088	42.73%	4.601%
88	19.615	2838	2844	2850	rBV	562954	908452	5.08%	0.547%
89	19.680	2850	2855	2862	rVV	733557	971751	5.43%	0.585%
90	20.168	2933	2938	2942	rBV3	58416	104820	0.59%	0.063%
91	20.292	2954	2959	2964	rBV5	92173	205128	1.15%	0.123%
92	20.762	3035	3039	3044	rBV2	201948	287315	1.61%	0.173%
93	21.003	3075	3080	3087	rBV	3485484	4204243	23.50%	2.530%
94	21.321	3131	3134	3139	rBV2	91987	120552	0.67%	0.073%
95	21.468	3156	3159	3165	rBV	104783	139187	0.78%	0.084%
96	22.062	3258	3260	3265	rVB	148080	167618	0.94%	0.101%
97	22.180	3276	3280	3284	rBV	475081	559147	3.12%	0.336%
98	22.968	3408	3414	3423	rVB	4426559	7395978	41.33%	4.451%
99	23.056	3426	3429	3431	rVV	212395	287680	1.61%	0.173%
100	23.097	3431	3436	3444	rVB	2318790	4036585	22.56%	2.429%

Sum of corrected areas: 166168398

LSC Report - Integrated Chromatogram

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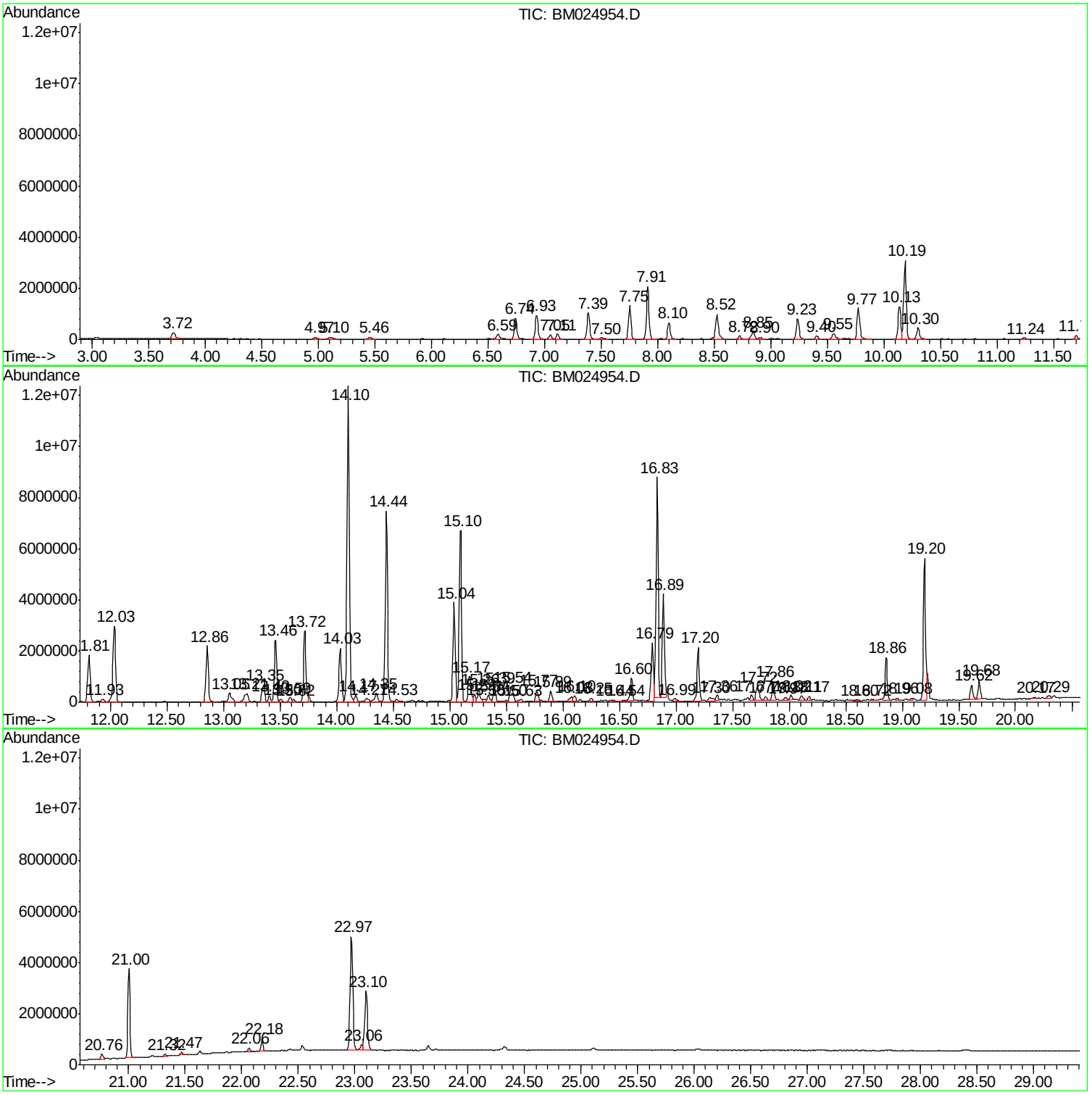
Instrument : BNA_M
ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

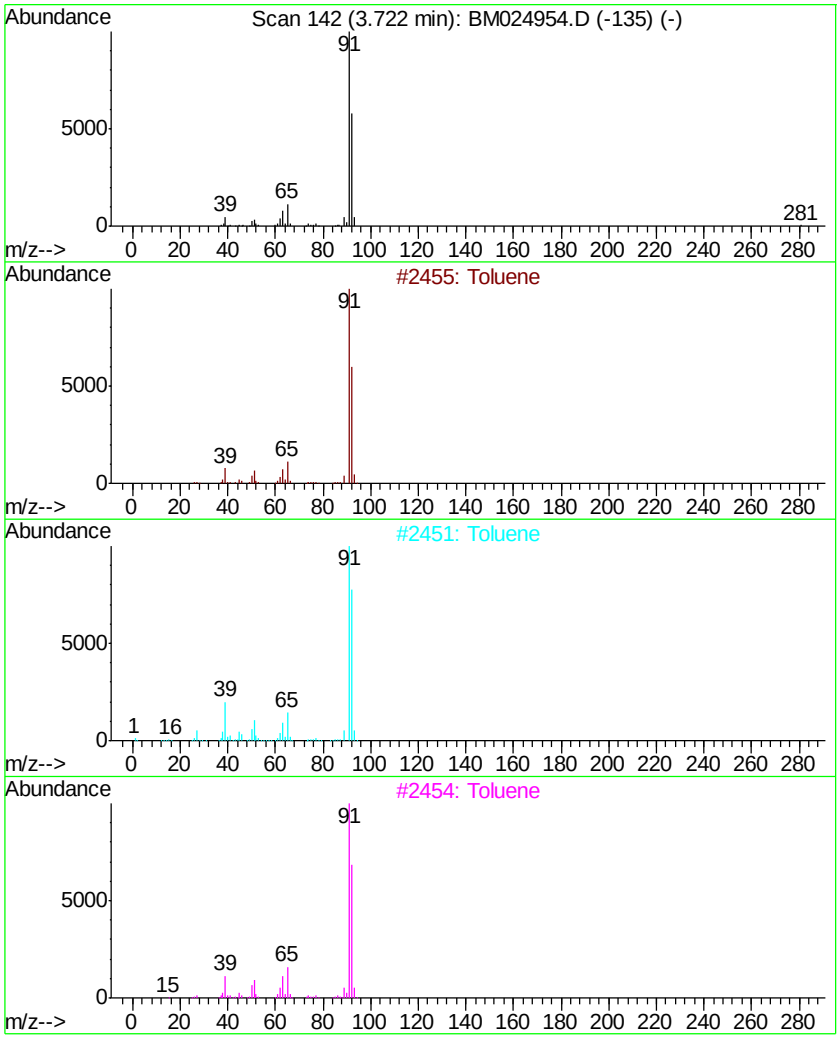
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

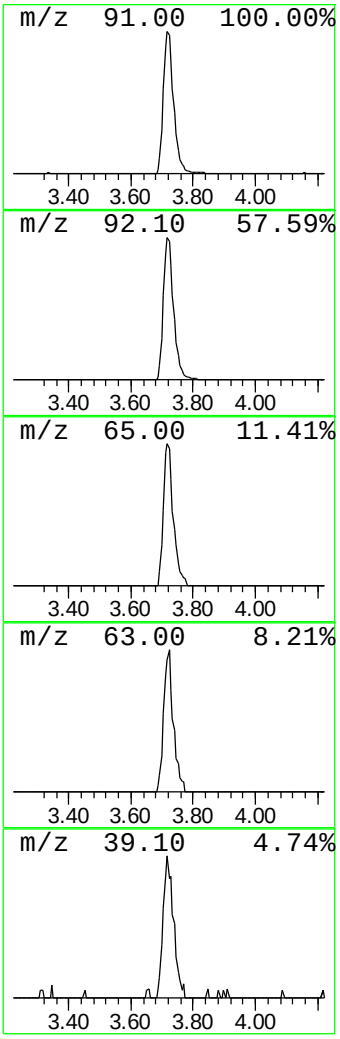
****

Peak Number 1 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	6.51 ng/ul	538634	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	87
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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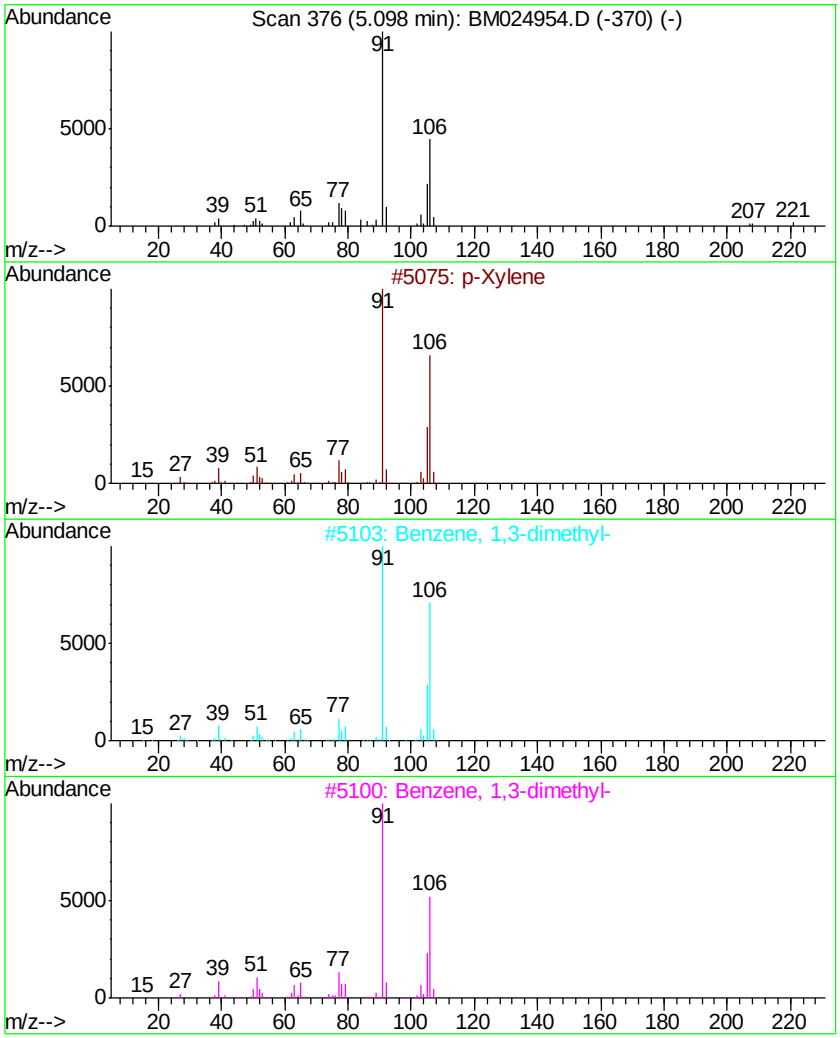
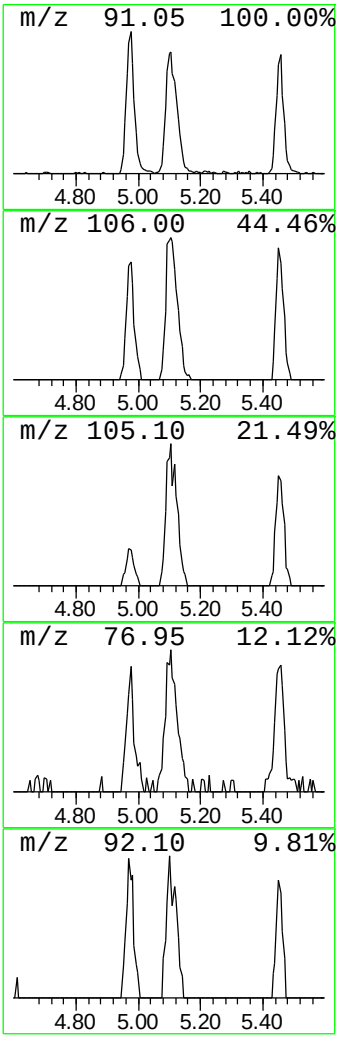
Peak Number 2 p-Xylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.06 ng/ul	170384	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	94
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
4	p-Xylene	106	C8H10	000106-42-3	93
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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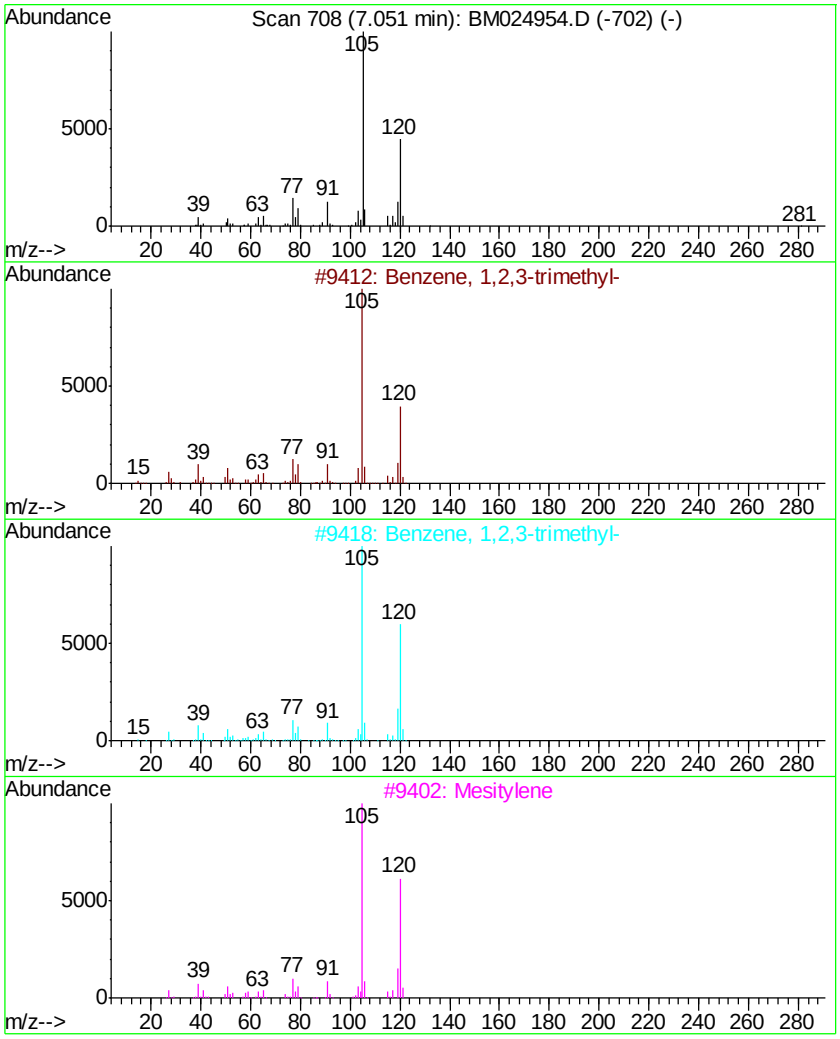
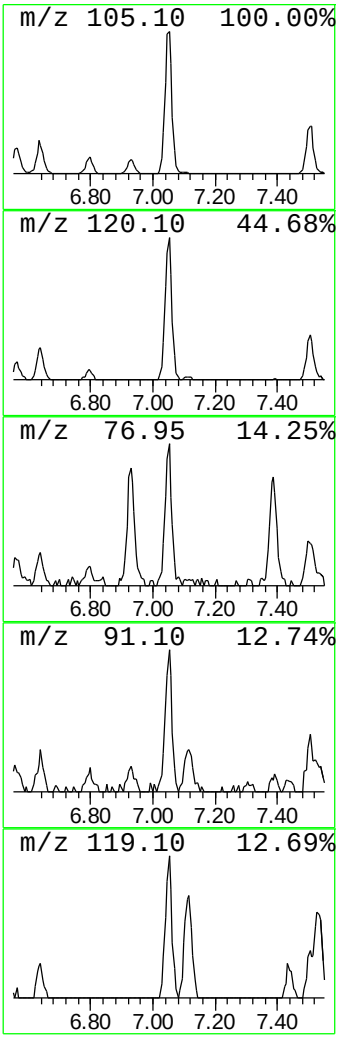
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	3.24 ng/ul	268451	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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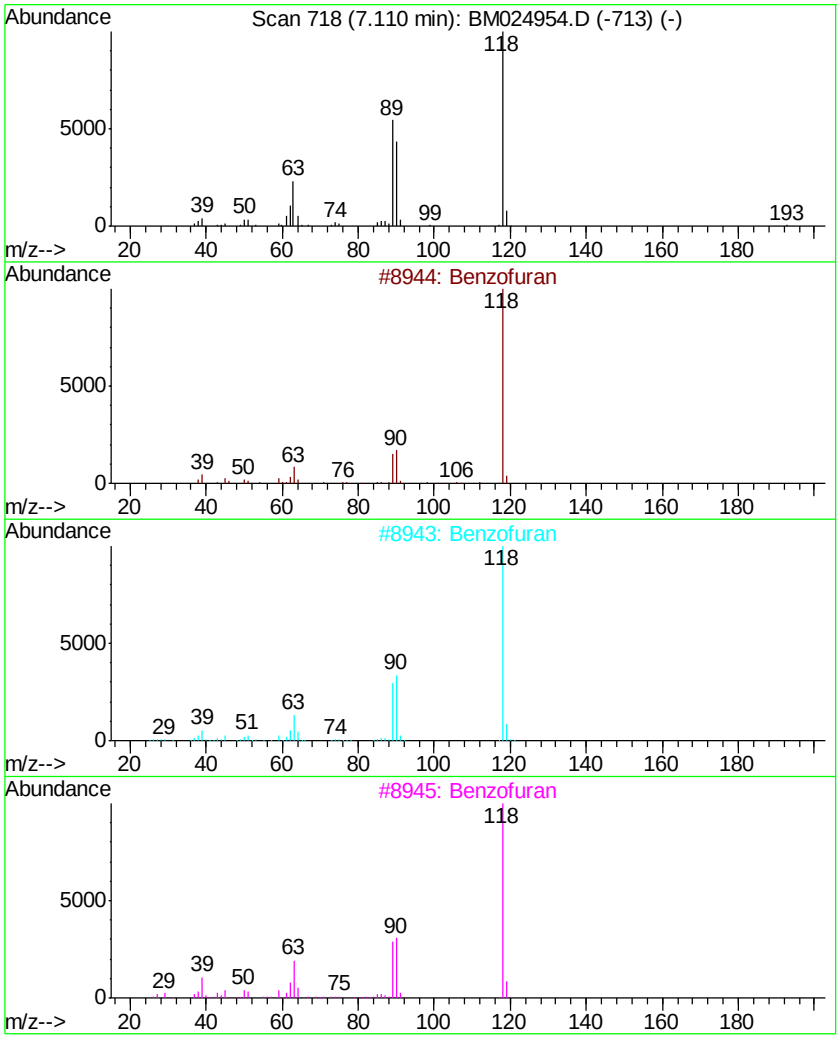
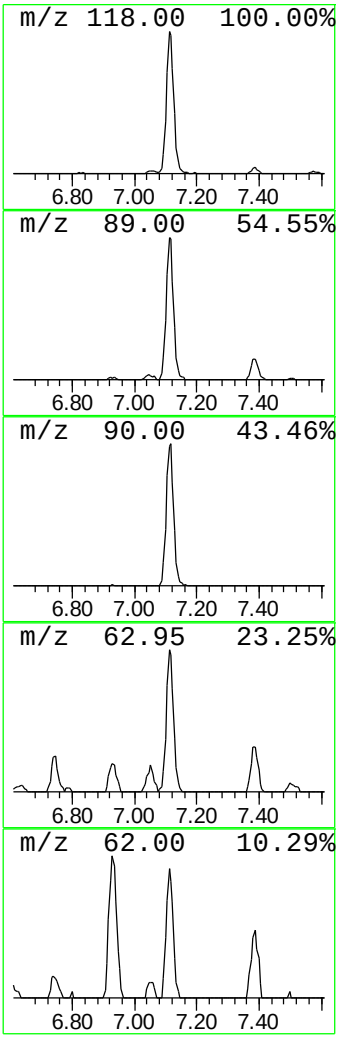
Peak Number 4 Benzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	3.87 ng/ul	320090	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	87
4	Coumarin	146	C9H6O2	000091-64-5	74
5	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	64





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Sample : L1486-20
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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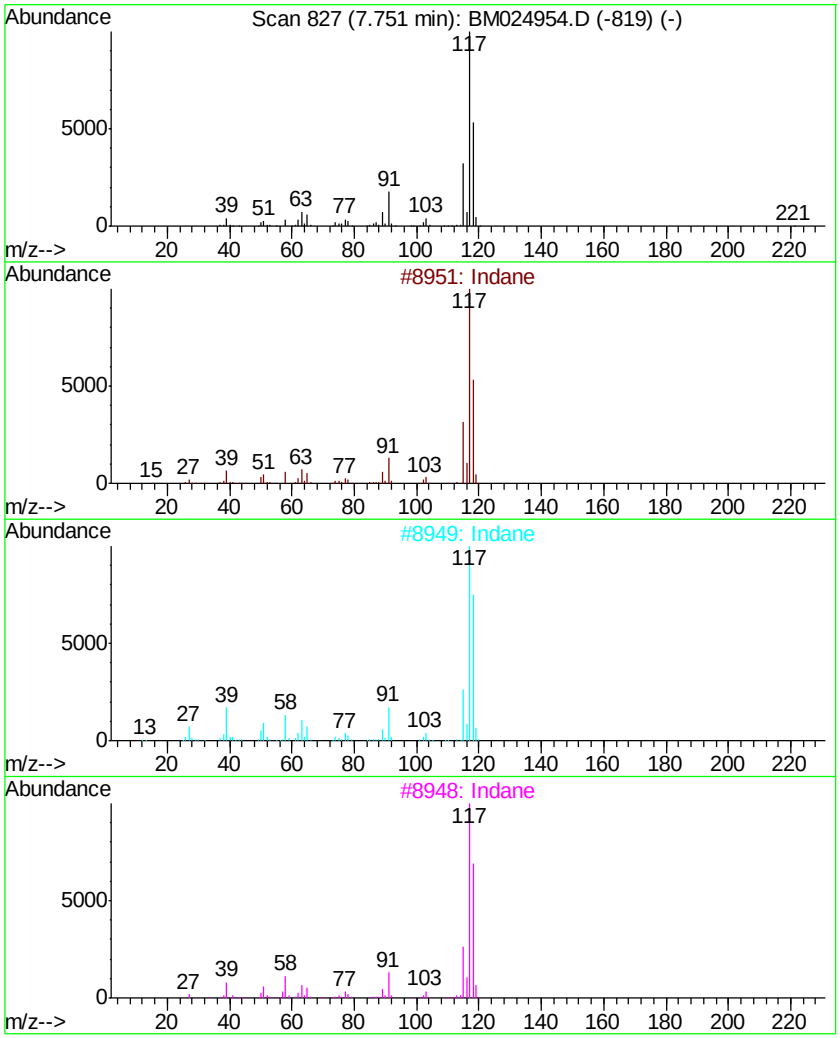
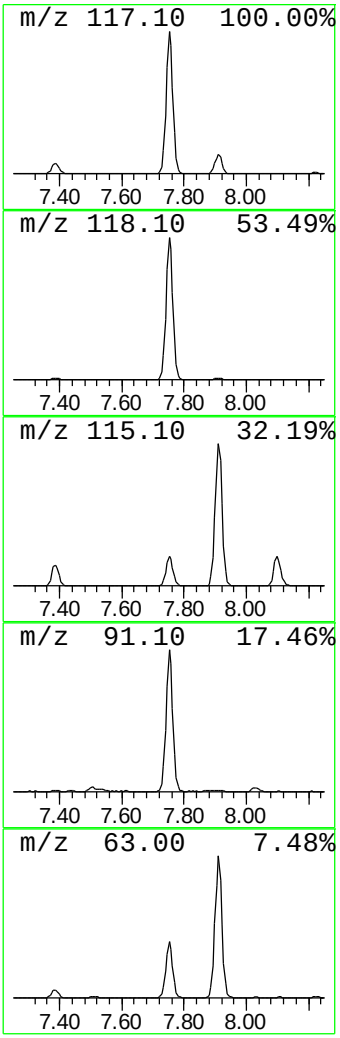
Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	24.64 ng/ul	2039820	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	80





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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
Sample : L1486-20
Misc :
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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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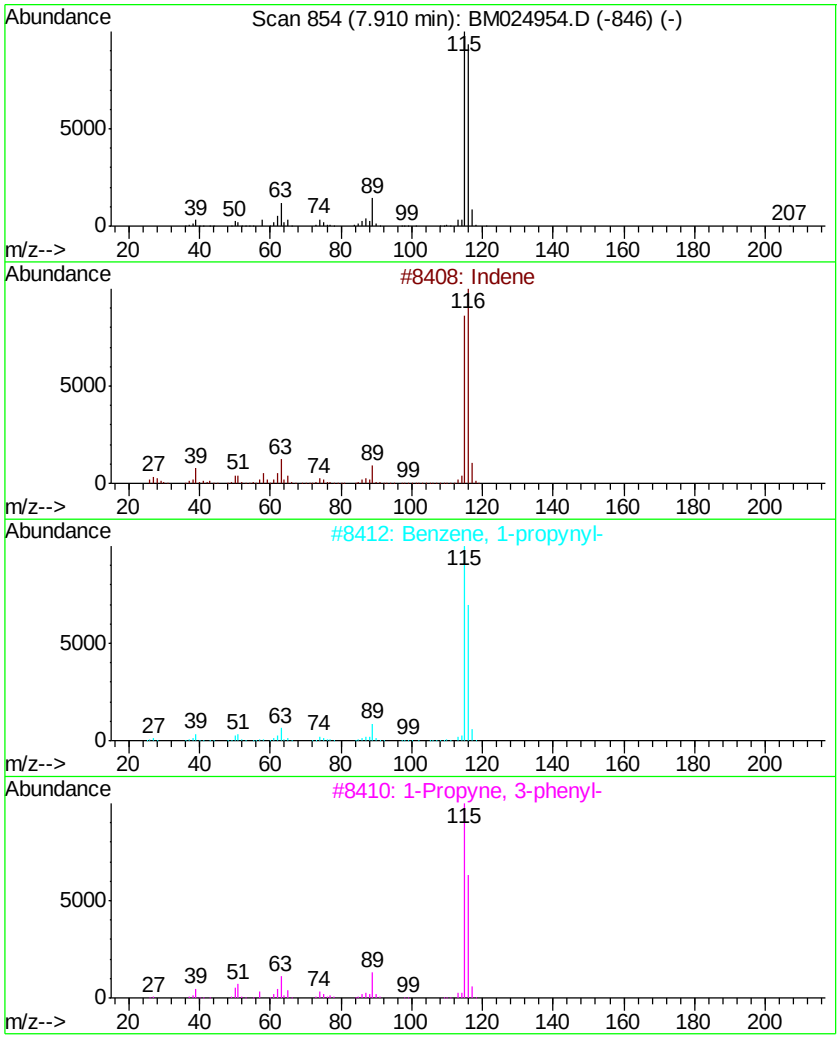
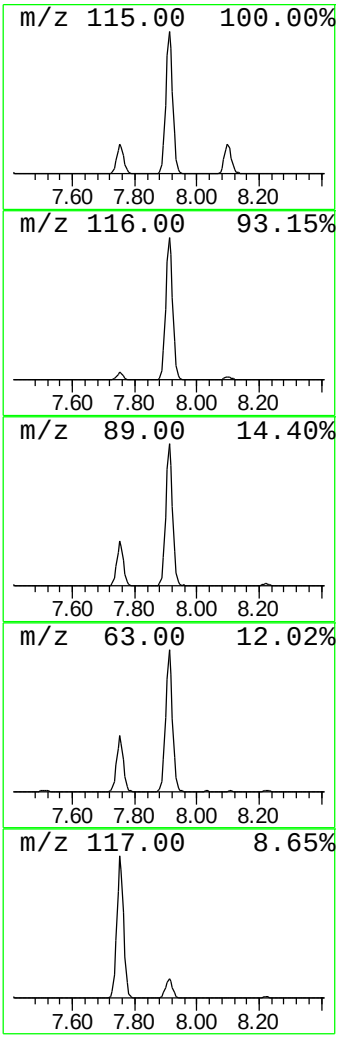
Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	39.61 ng/ul	3278850	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Sample : L1486-20
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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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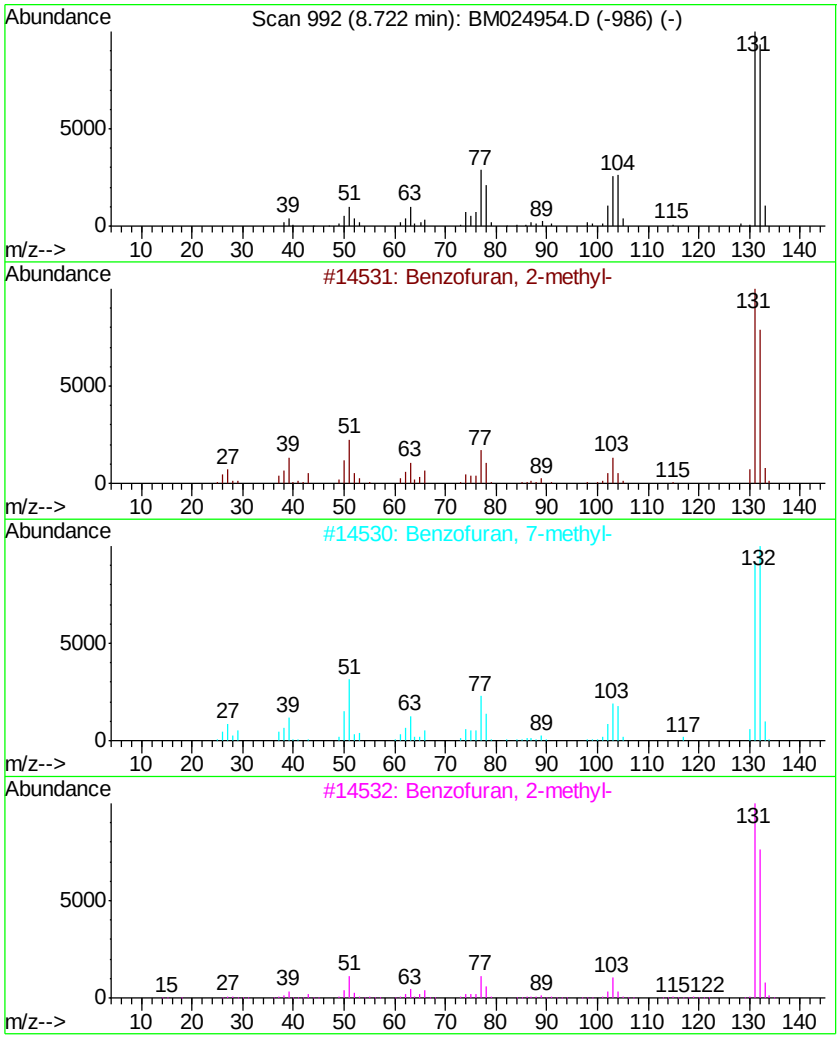
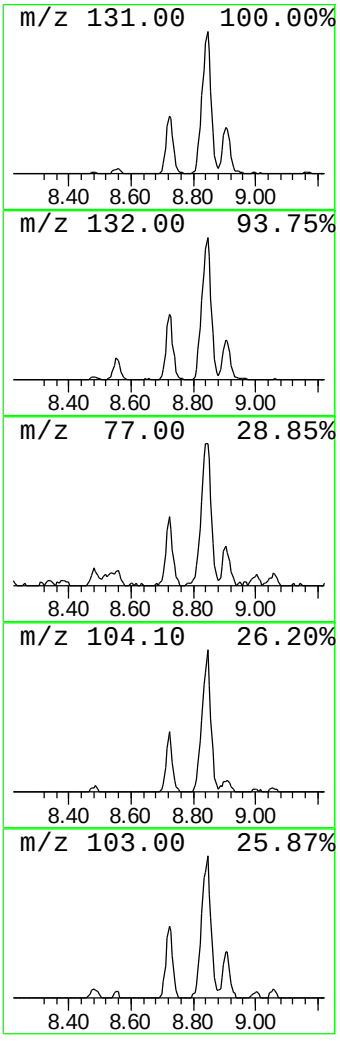
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	2.60 ng/ul	215590	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	86





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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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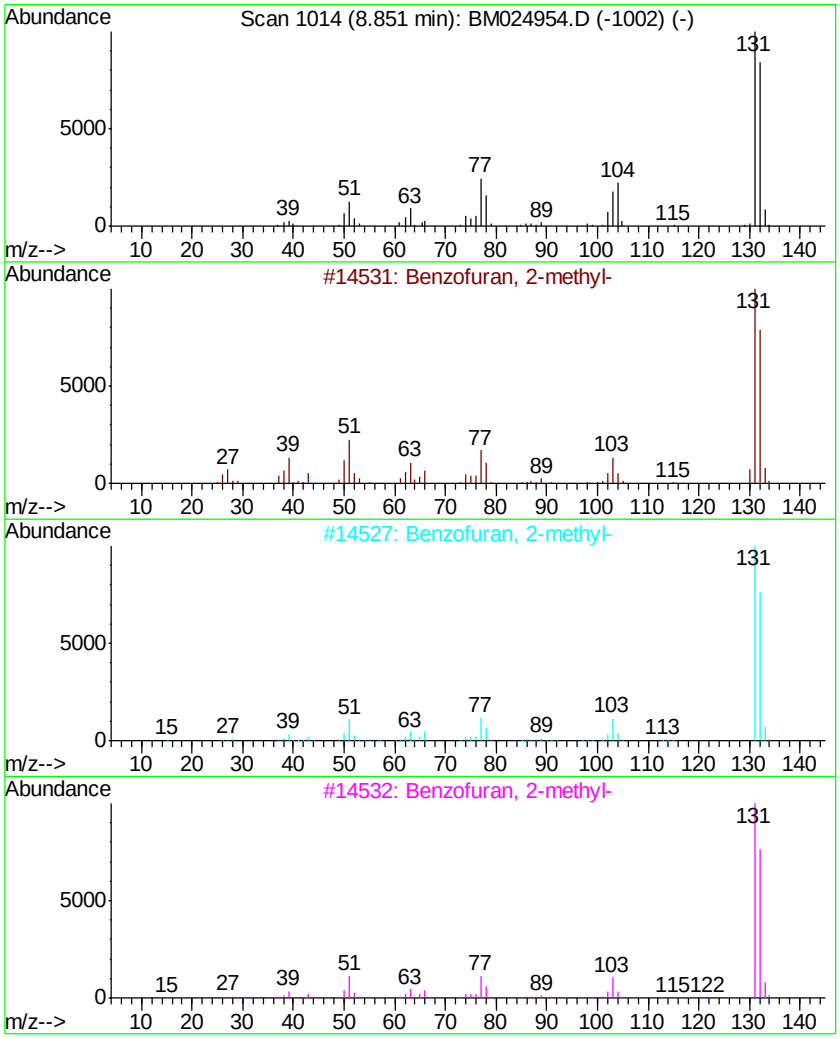
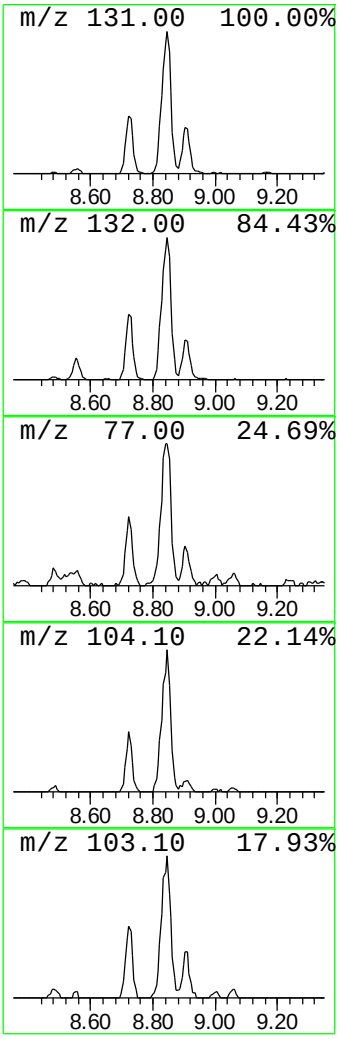
Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.88 ng/ul	623247	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	81
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	80





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Sample : L1486-20
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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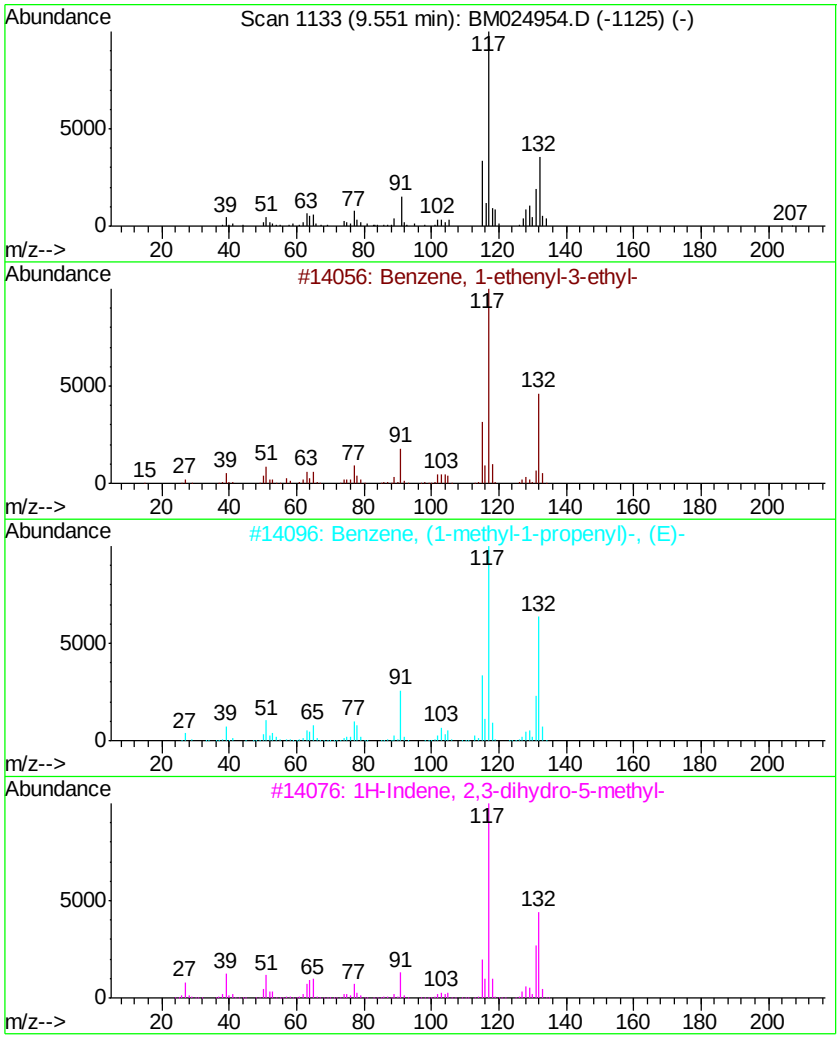
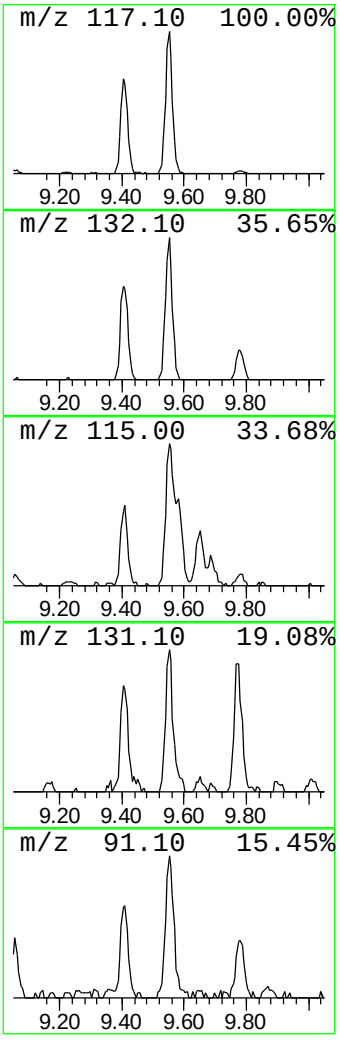
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.51 ng/ul	478150	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	83





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Instrument : BNA_M
ClientSampleId : DBCX2

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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 Benzo[b]thiophene, 6-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.36 ng/ul	249907	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
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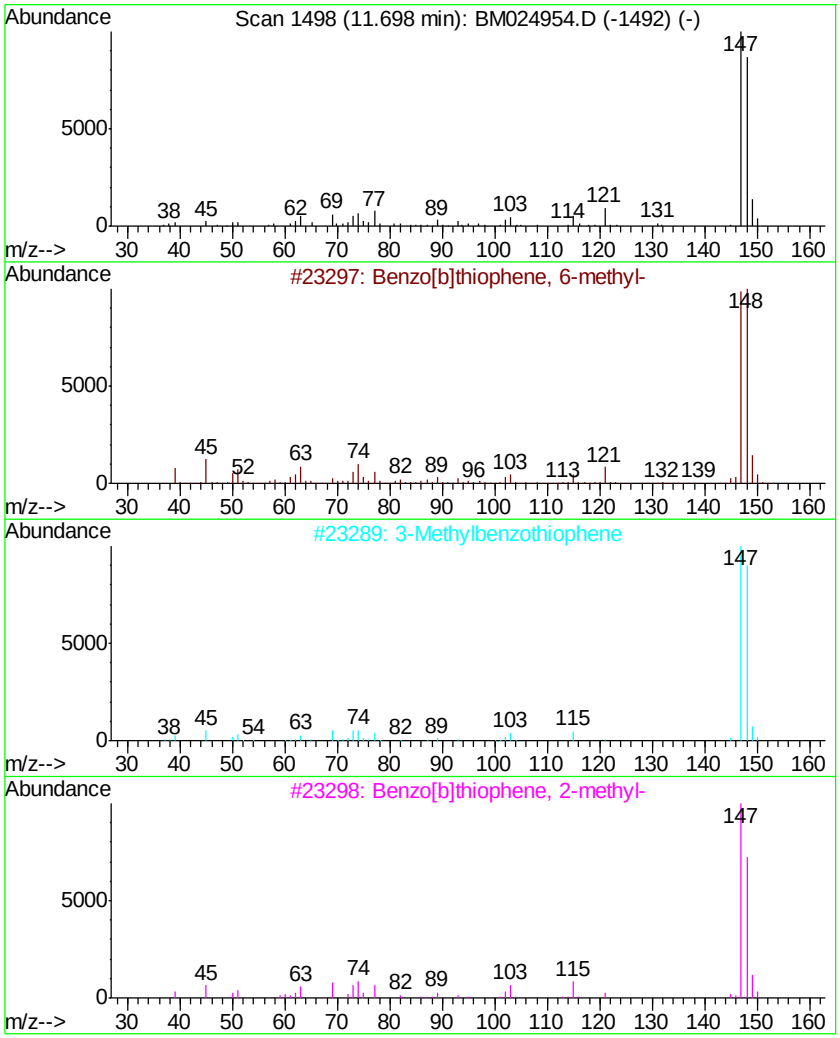

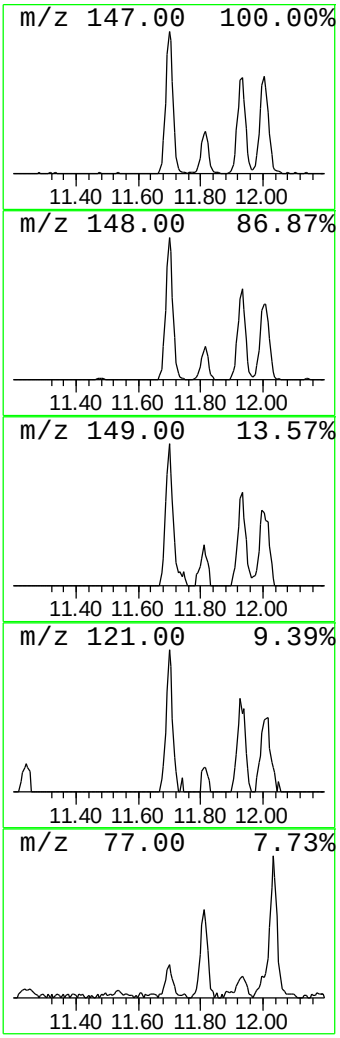

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Quant Title : SVOA CALIBRATION

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

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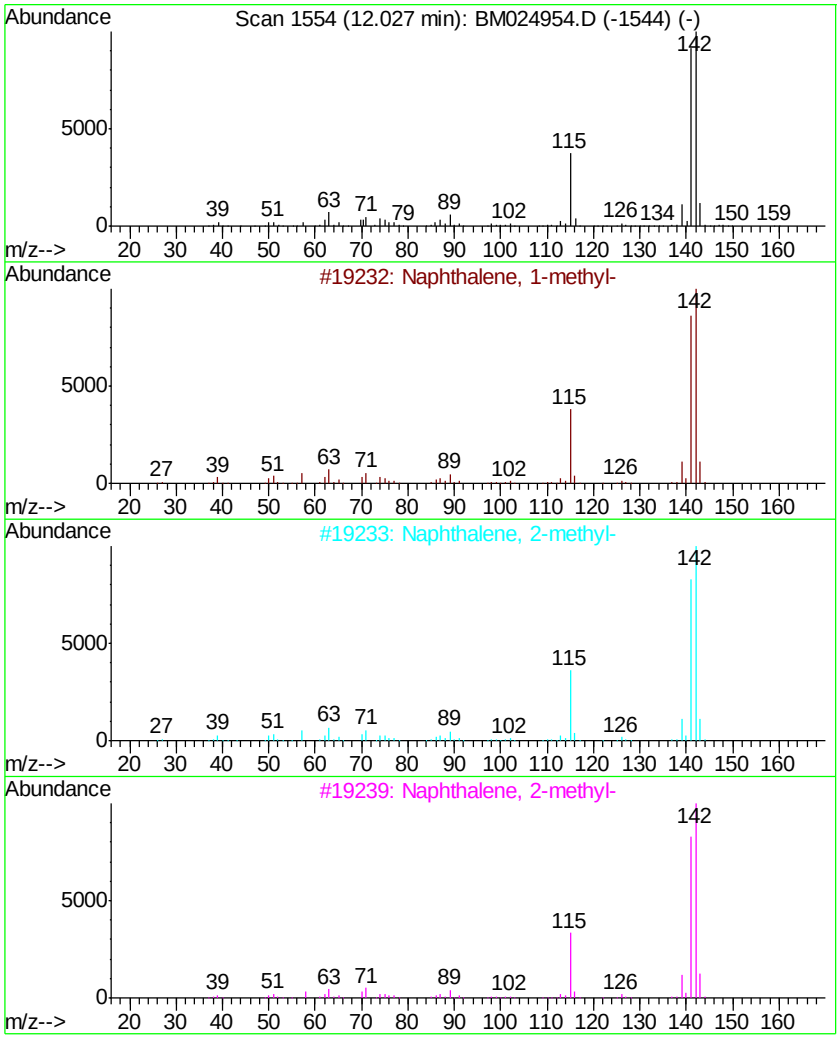
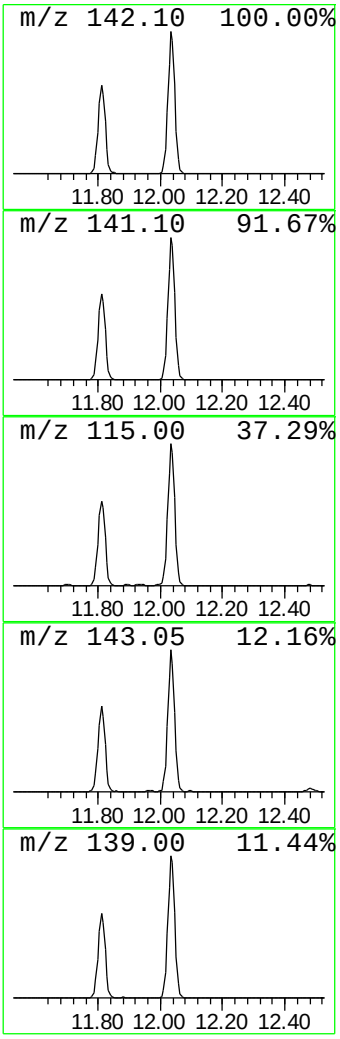
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	45.69 ng/ul	4845830	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Sample : L1486-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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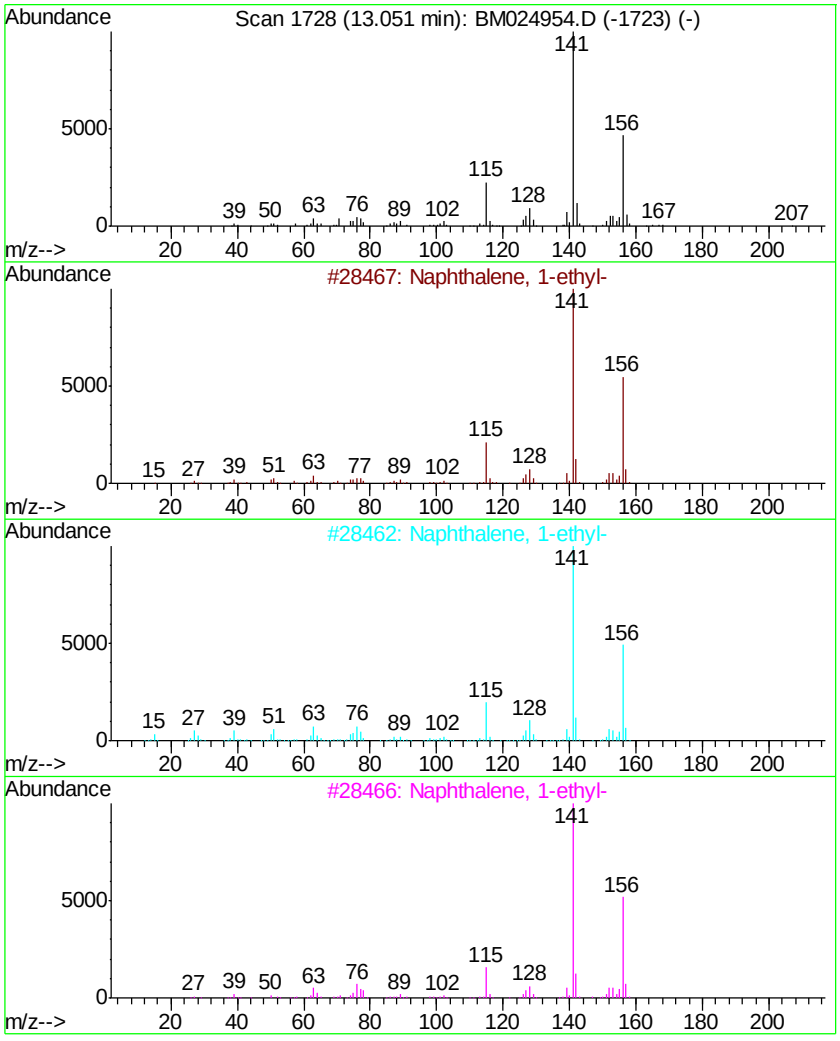
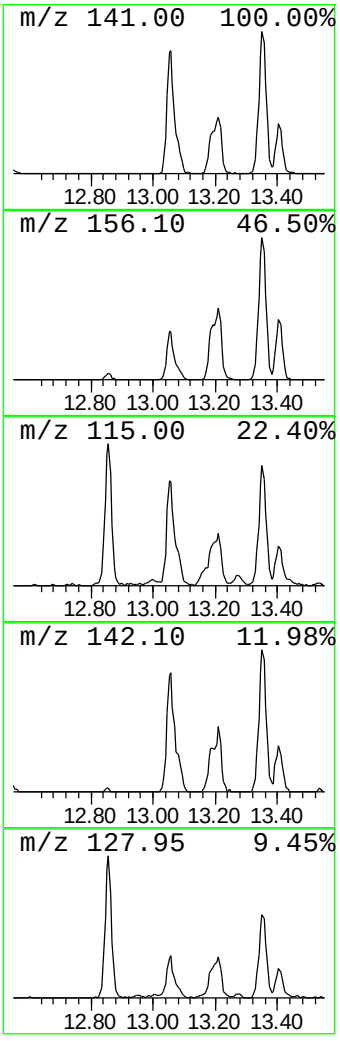
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.31 ng/ul	711651	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





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Misc :
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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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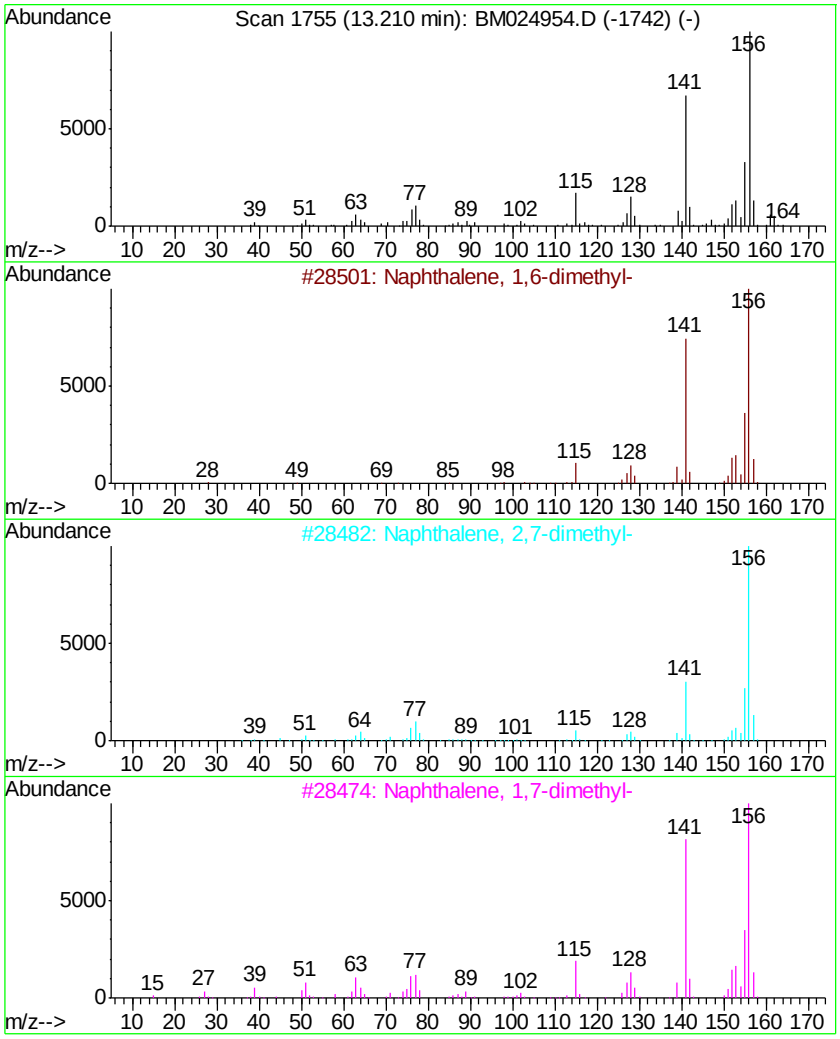
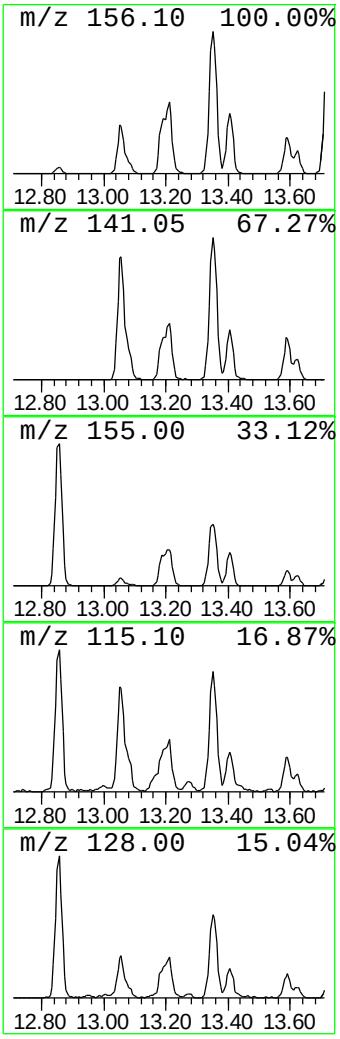
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	5.15 ng/ul	851638	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Instrument : BNA_M
ClientSampleId : DBCX2

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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 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	6.78 ng/ul	1120200	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
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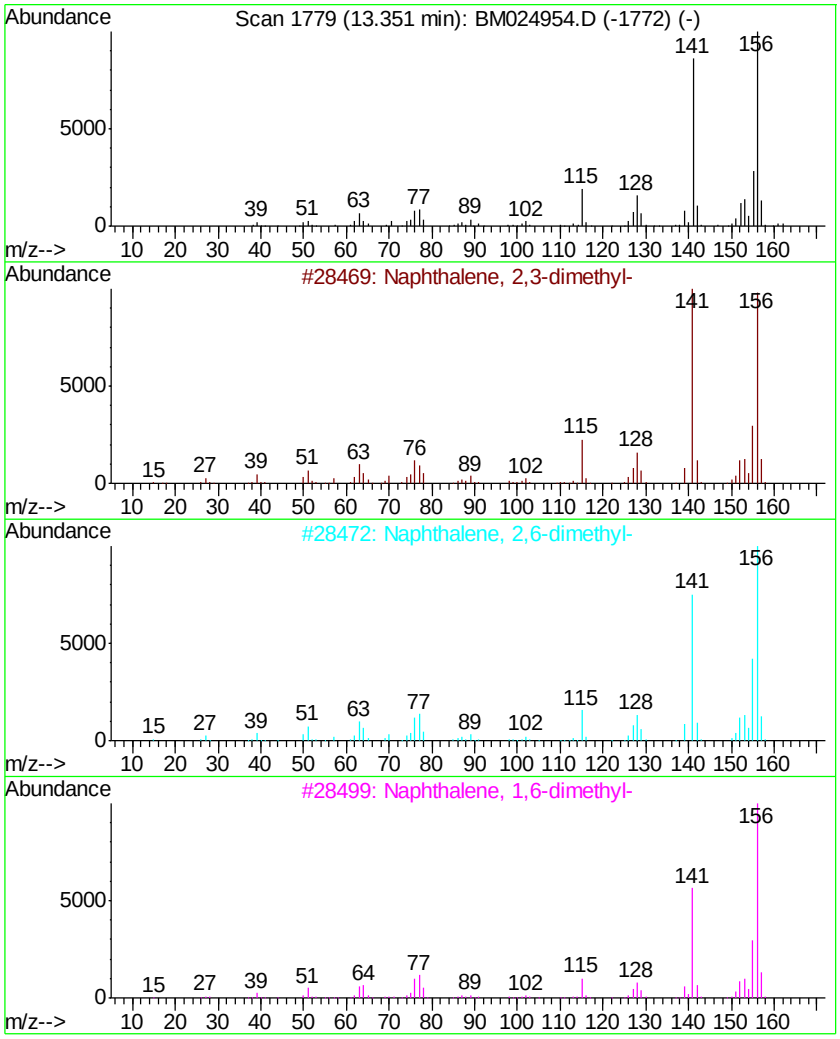

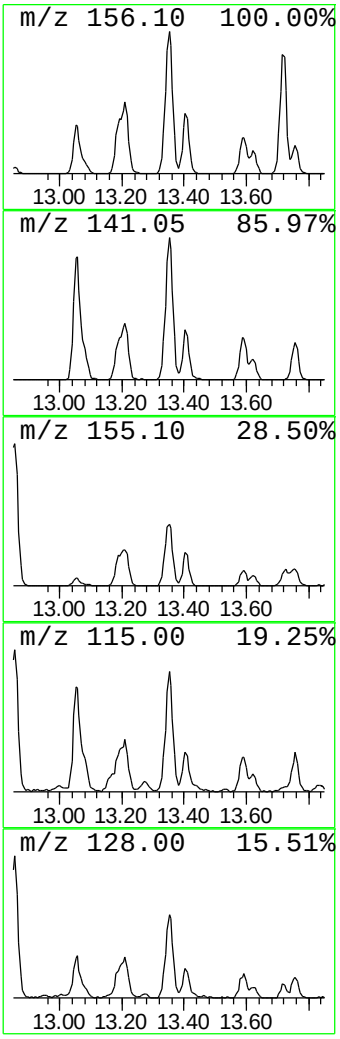

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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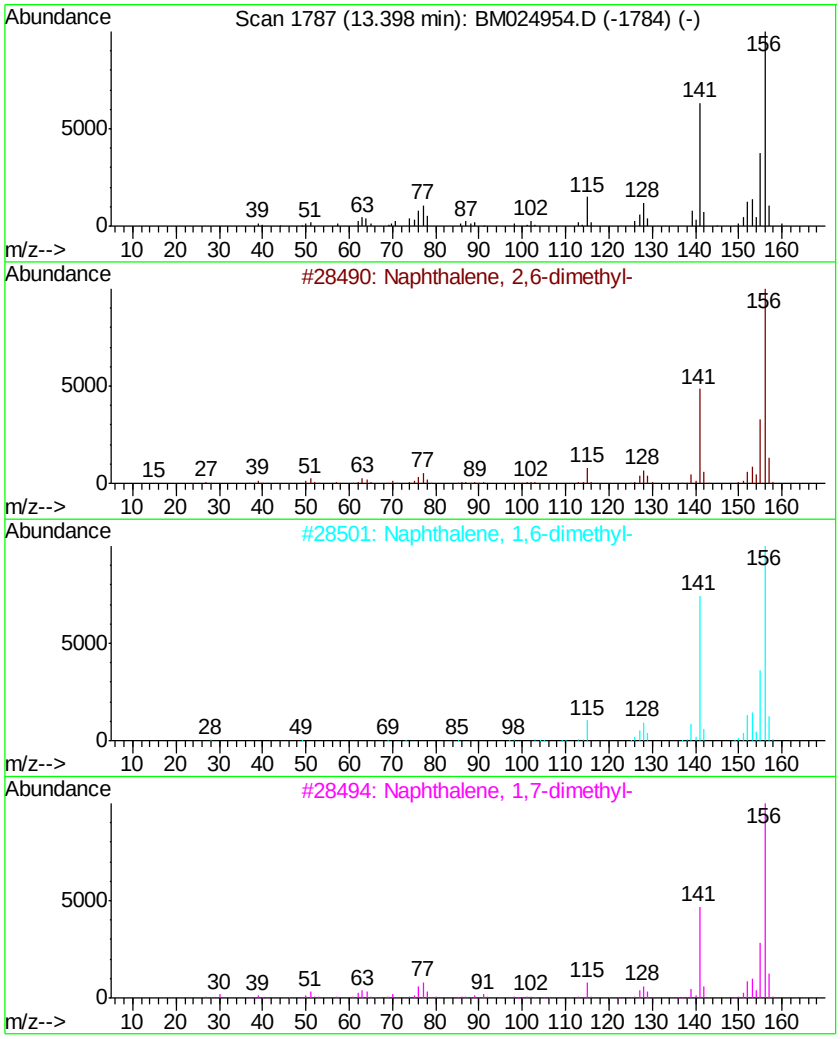
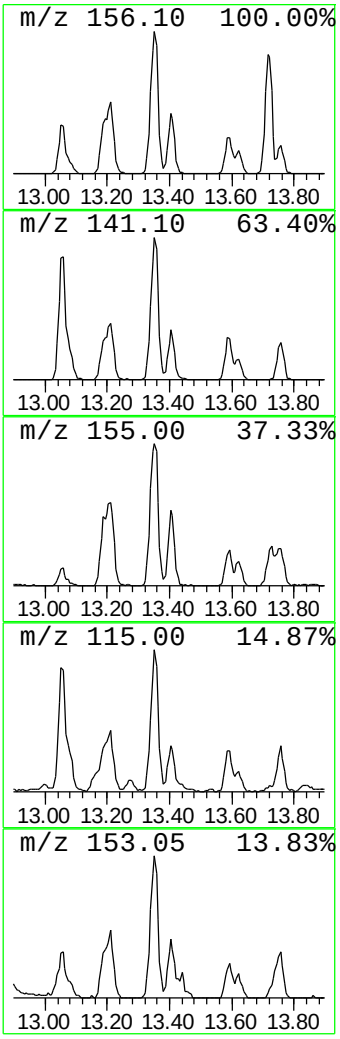
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.36 ng/ul	390380	Acenaphthene-d10	14.03

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





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Instrument : BNA_M
ClientSampleId : DBCX2

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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 1-Naphthalenecarbonitrile Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.29 ng/ul	378539	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	87
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	87
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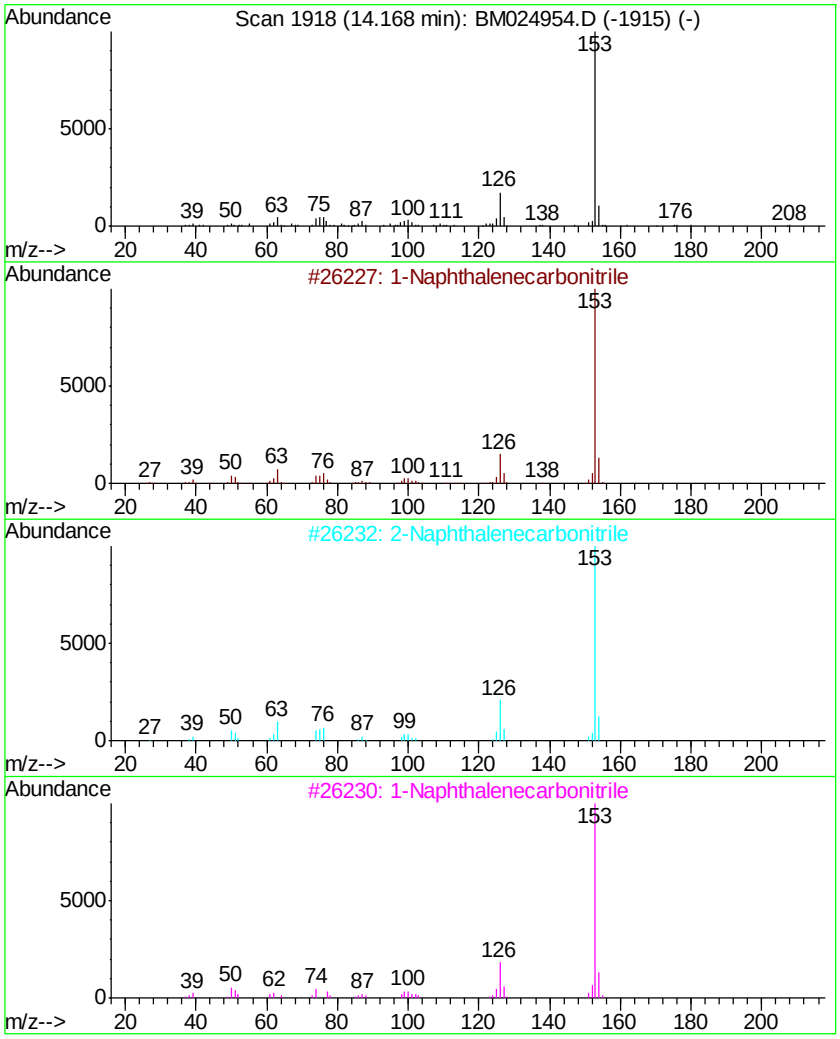

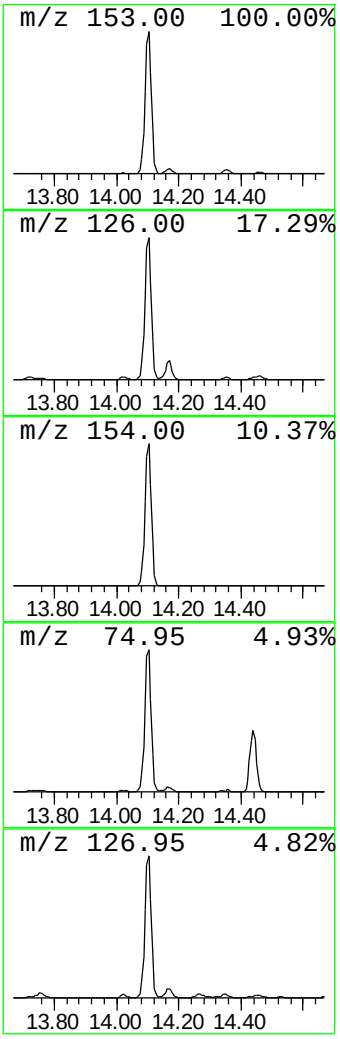

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Misc :
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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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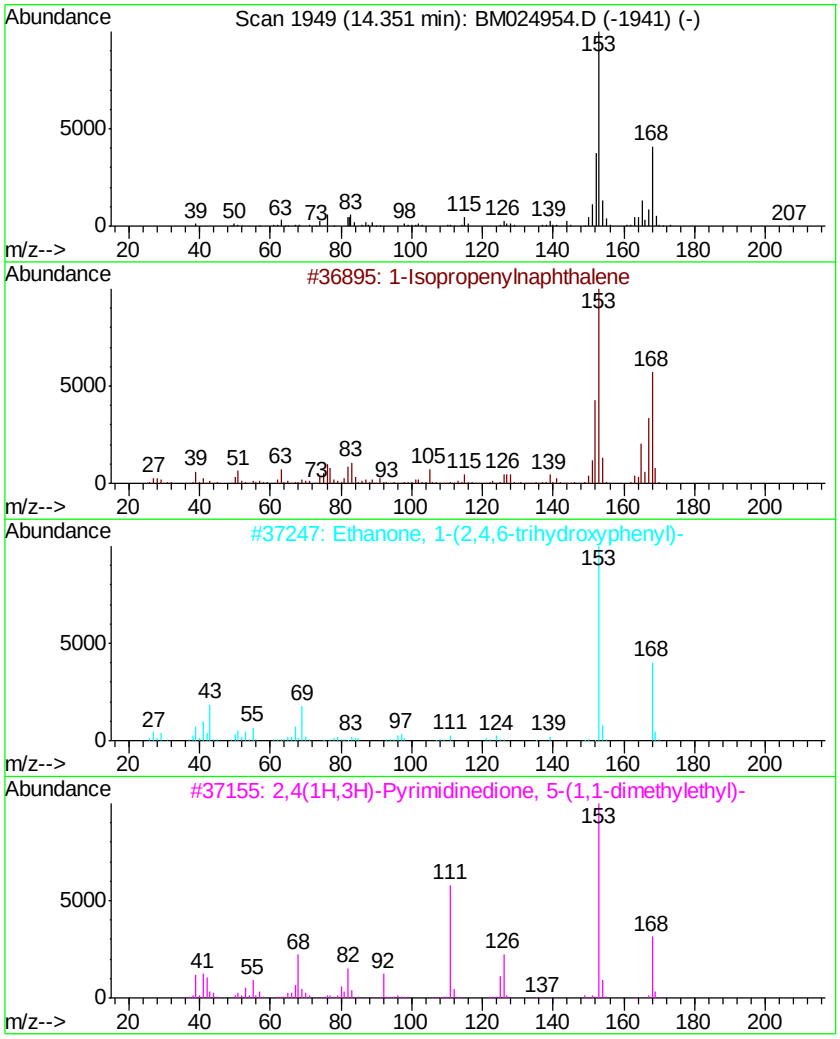
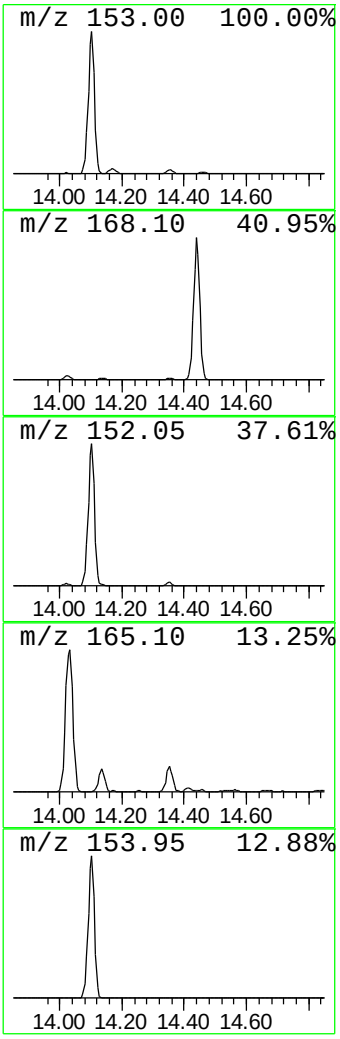
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.68 ng/ul	607933	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58
3	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53





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Operator : CG/JU
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Misc :
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ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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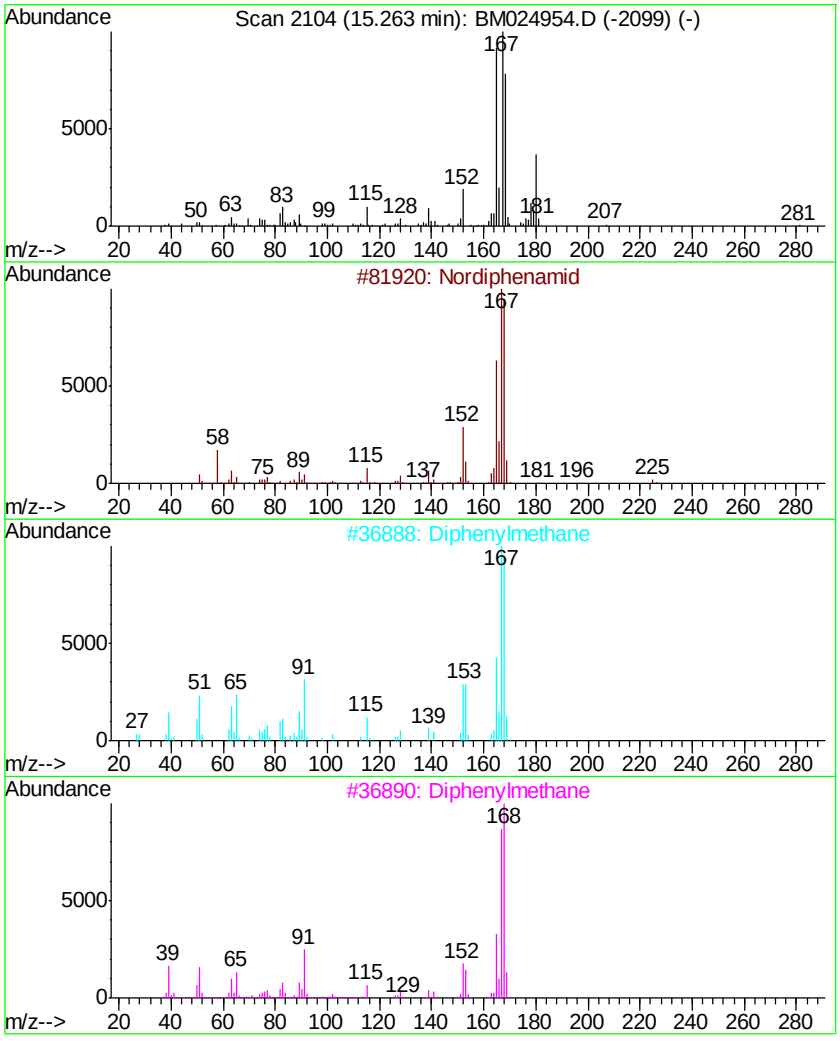
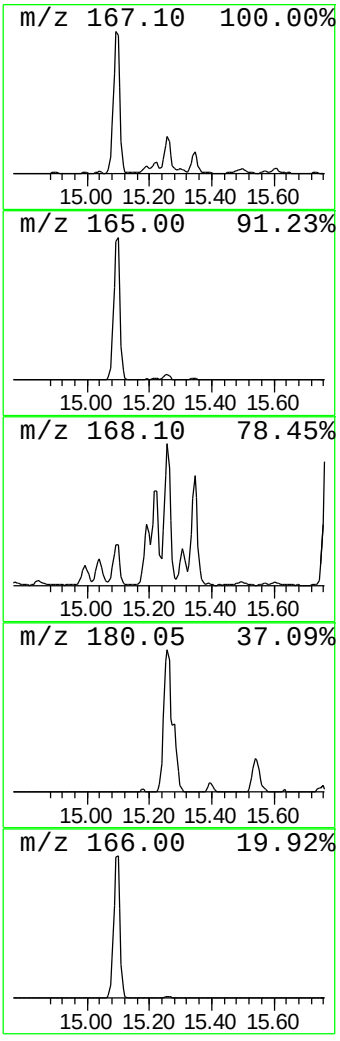
Peak Number 18 Nordiphenamid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.90 ng/ul	809615	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	53
2	Diphenylmethane	168	C13H12	000101-81-5	46
3	Diphenylmethane	168	C13H12	000101-81-5	43
4	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42





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Quant Title : SVOA CALIBRATION

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

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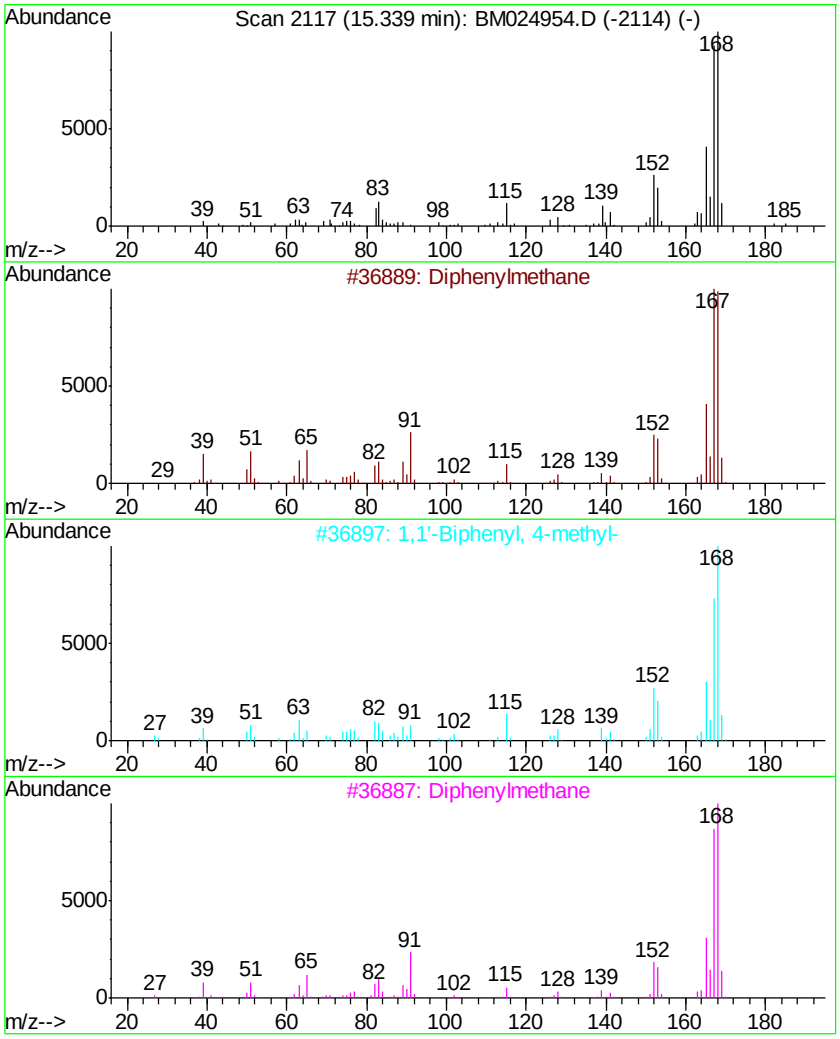
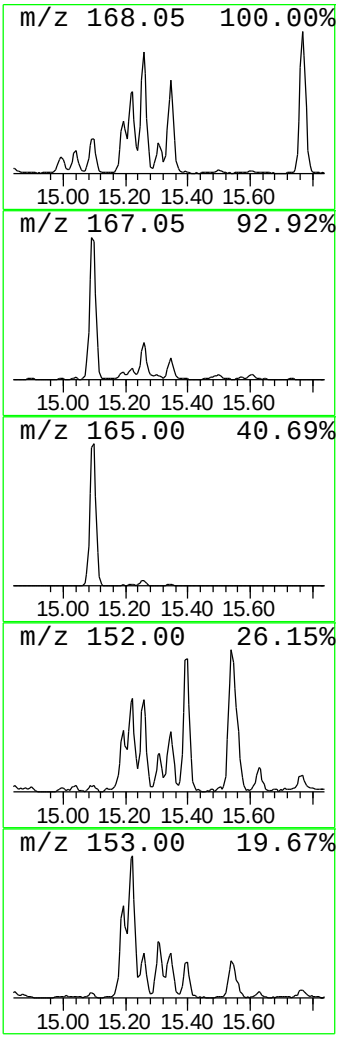
Peak Number 19 Diphenylmethane Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.41 ng/ul	397846	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
3	Diphenylmethane	168	C13H12	000101-81-5	90
4	Diphenylmethane	168	C13H12	000101-81-5	87
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	87





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ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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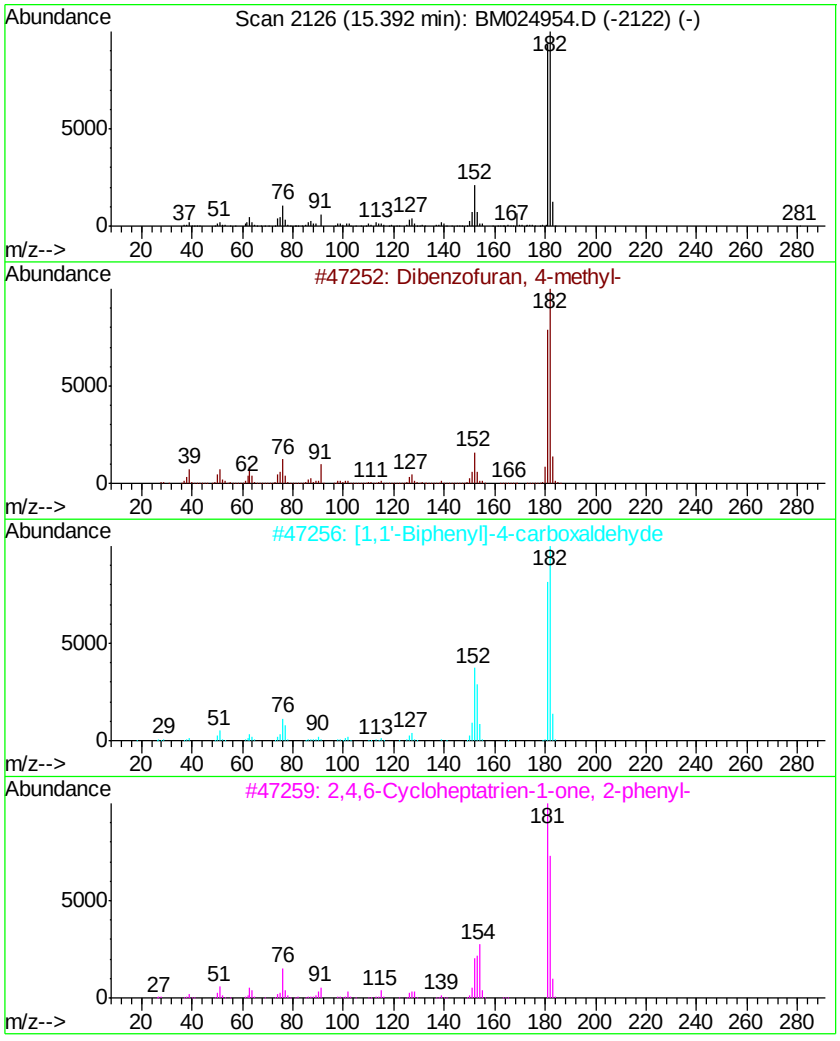
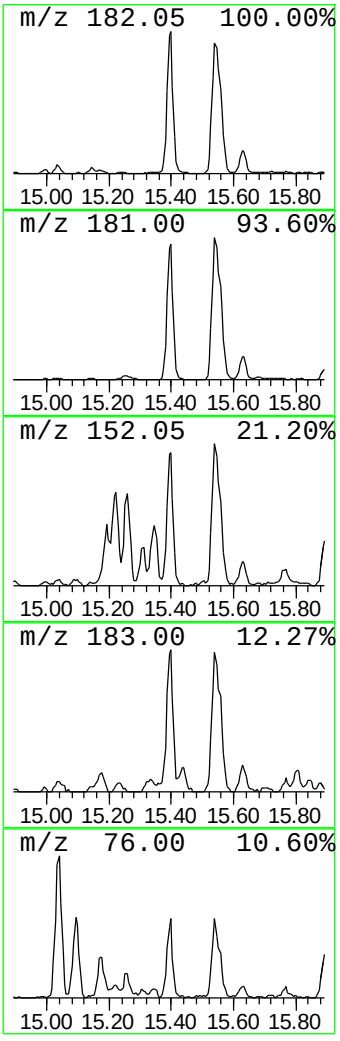
Peak Number 20 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.03 ng/ul	831332	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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Instrument : BNA_M
ClientSampleId : DBCX2

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Quant Title : SVOA CALIBRATION

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

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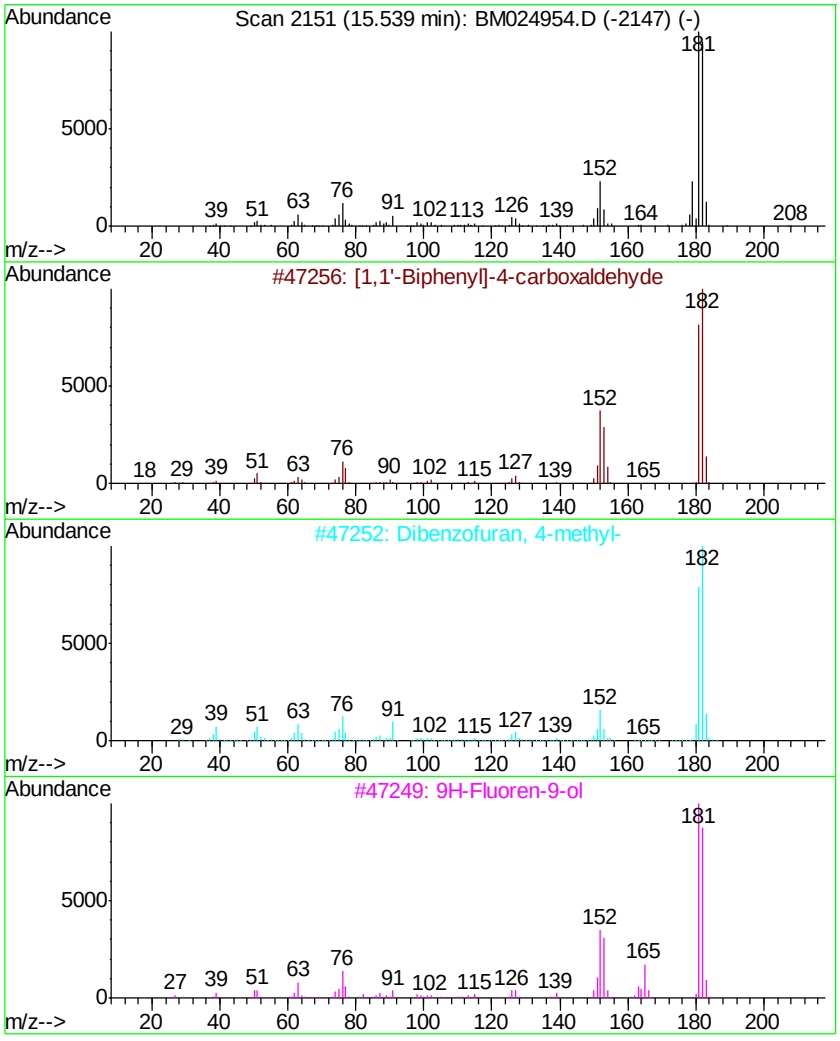
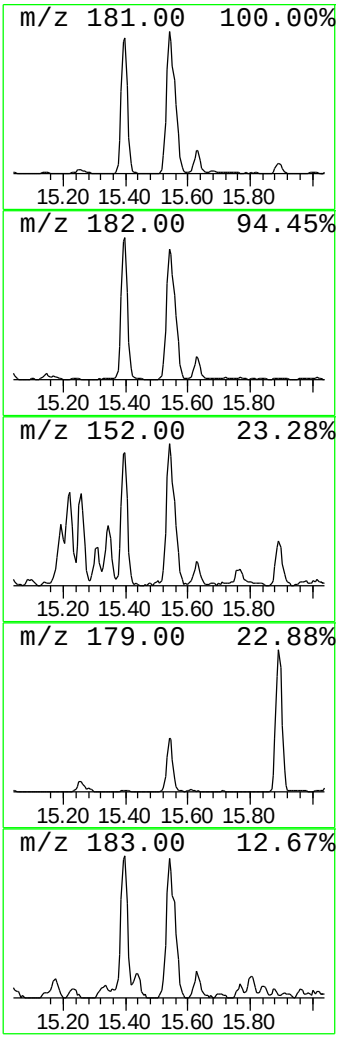
Peak Number 21 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.51 ng/ul	1148860	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Quant Title : SVOA CALIBRATION

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

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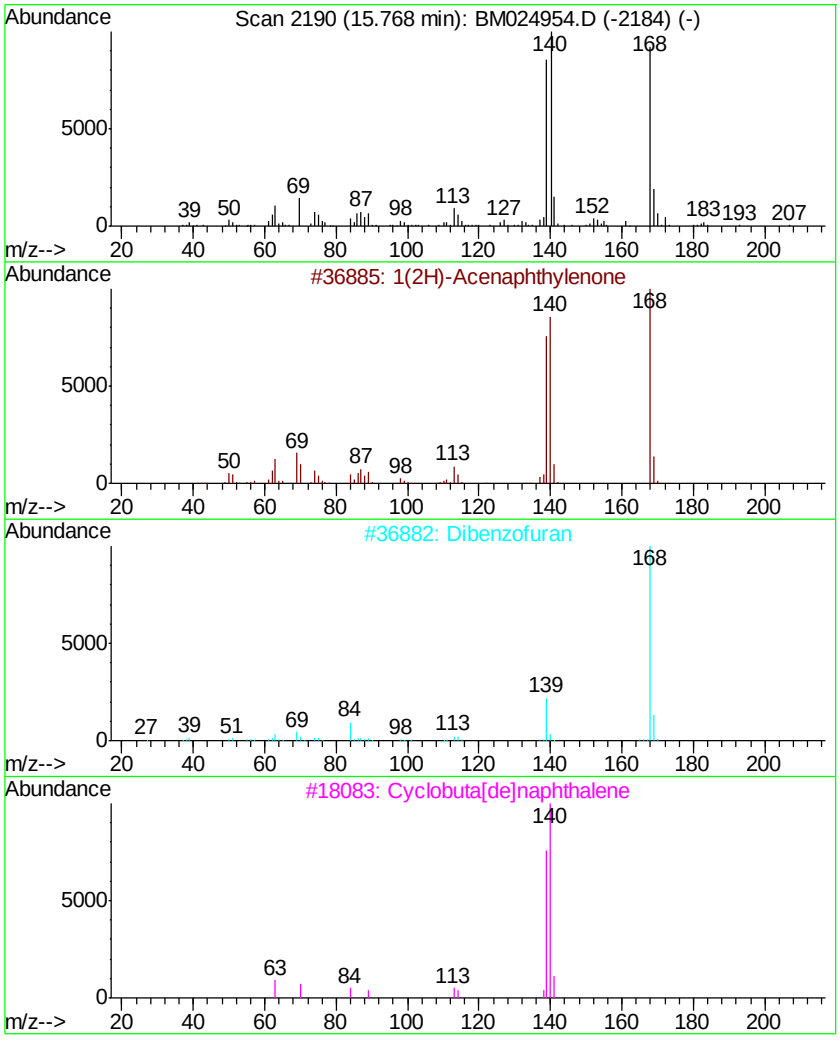
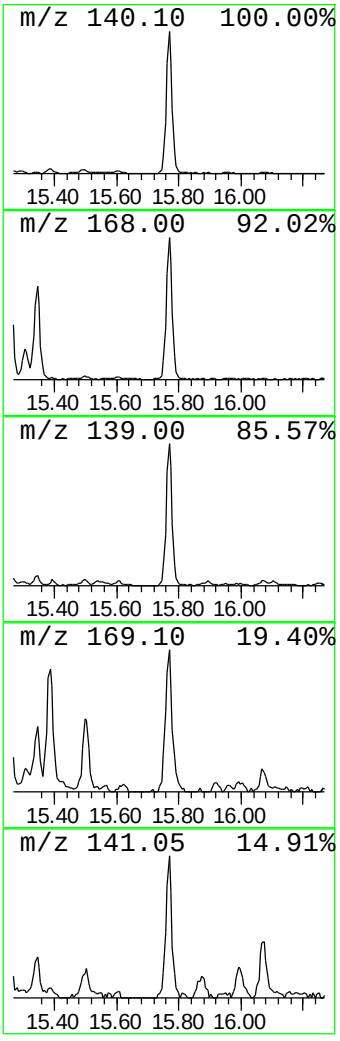
Peak Number 22 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.93 ng/ul	693755	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Dibenzofuran	168	C12H8O	000132-64-9	60
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	53
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
5	Dibenzofuran	168	C12H8O	000132-64-9	47





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Quant Title : SVOA CALIBRATION

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

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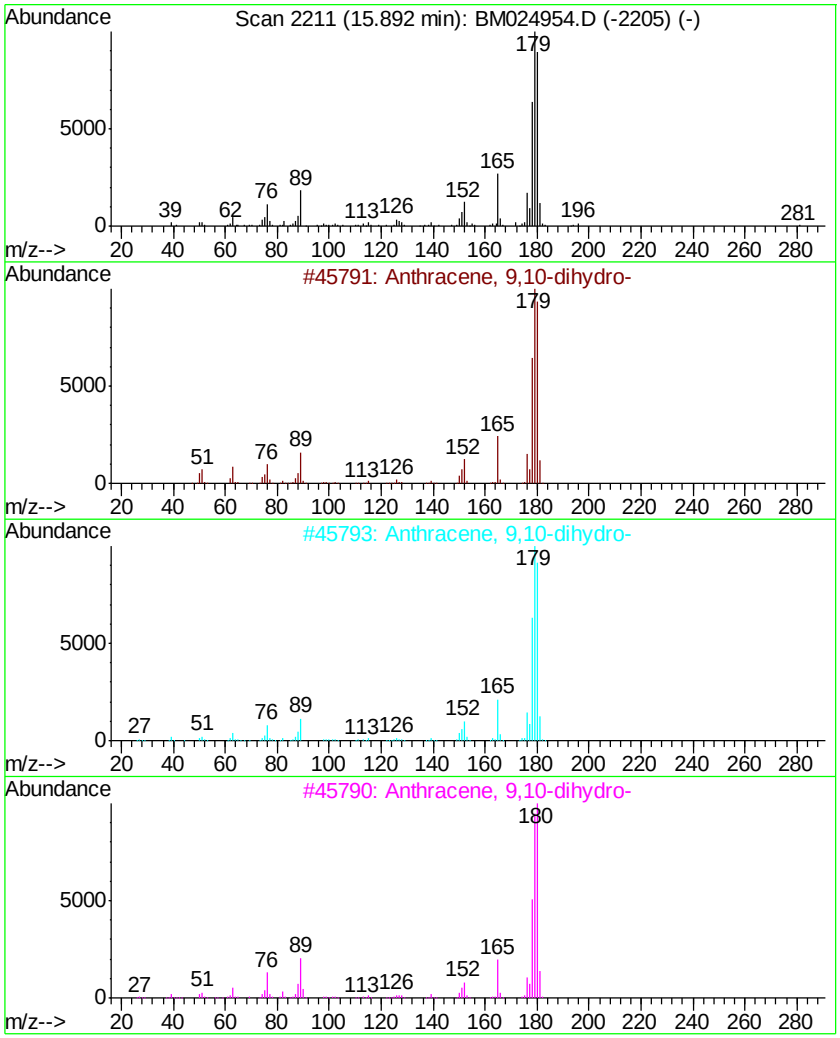
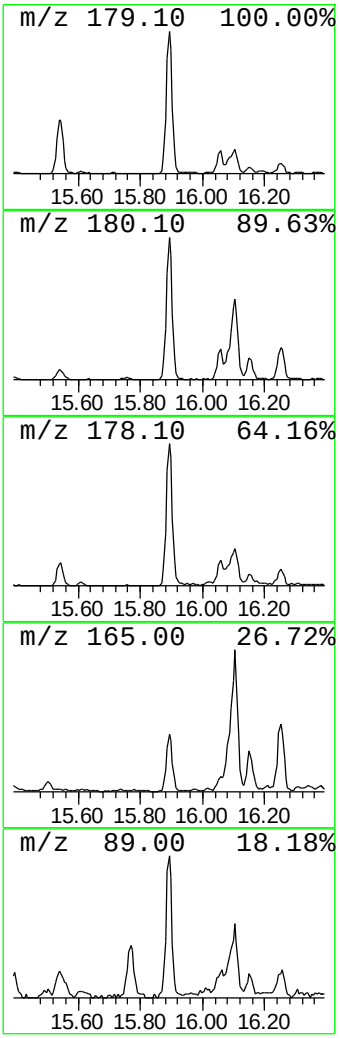
Peak Number 23 Anthracene, 9,10-dihydro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.33 ng/ul	587951	Phenanthrene-d10	16.79

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	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	91





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Quant Title : SVOA CALIBRATION

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

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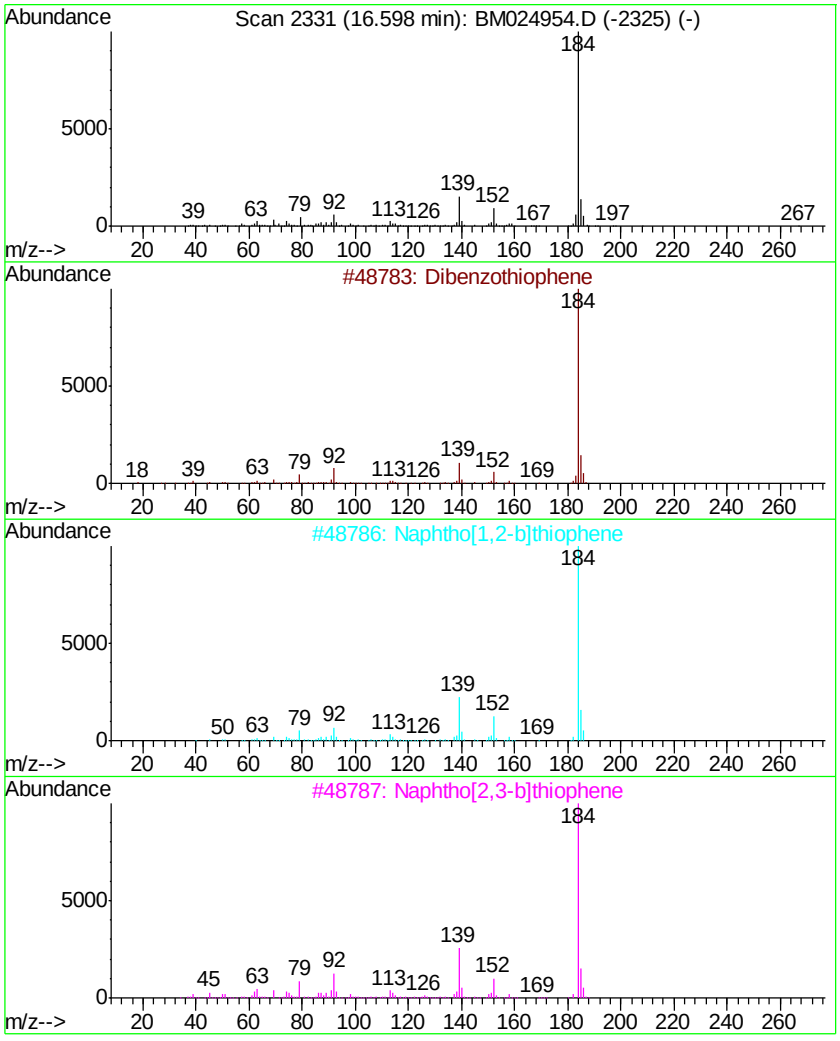
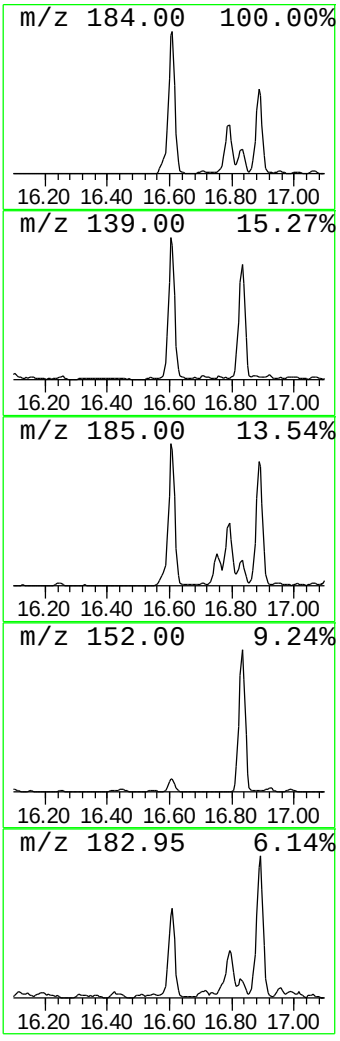
Peak Number 24 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	7.57 ng/ul	1336400	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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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 25 2-Dibenzofuranol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.15 ng/ul	380398	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	93
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	70
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64
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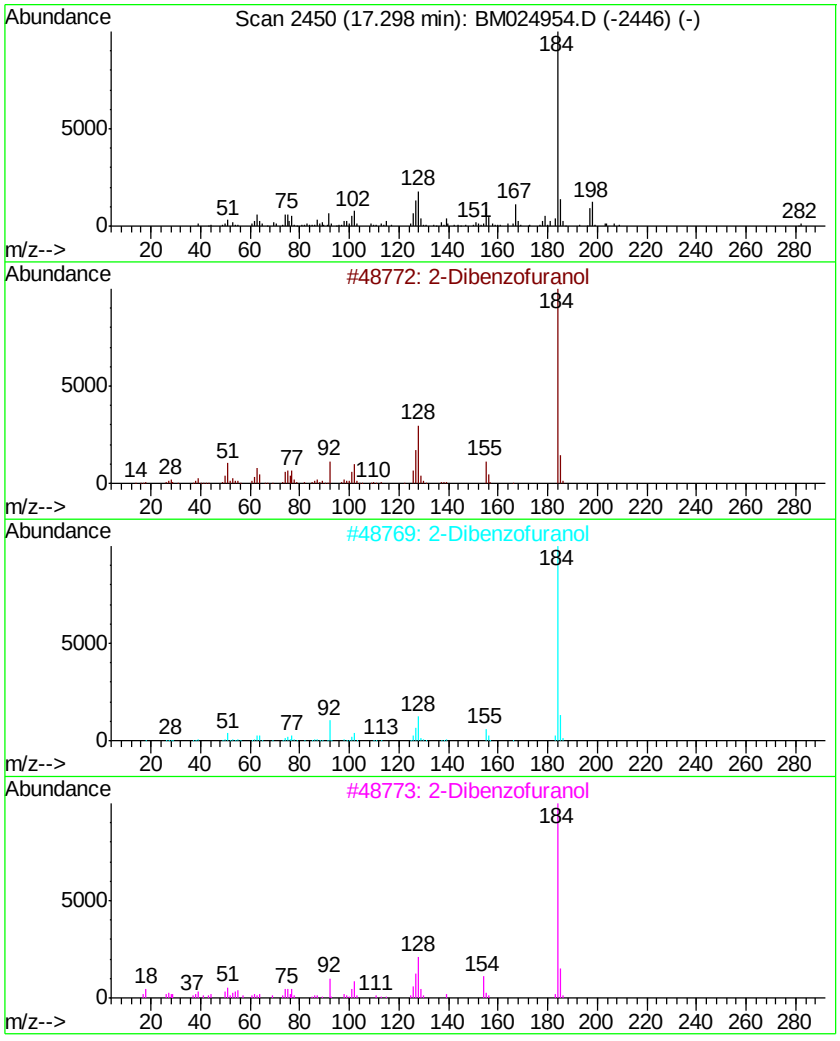

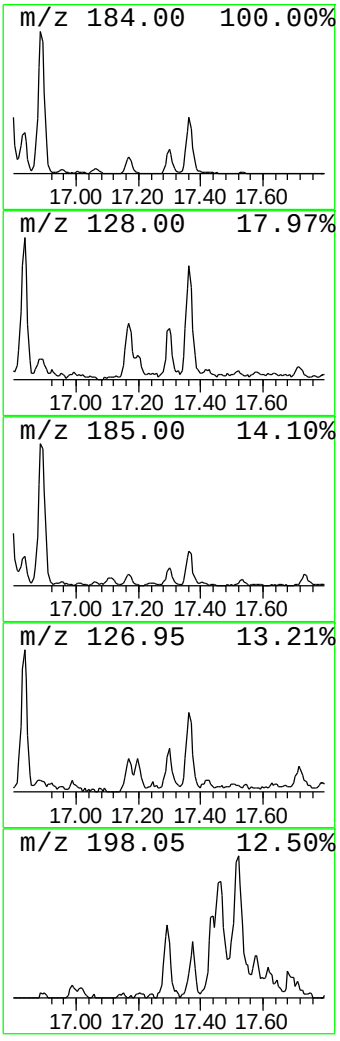

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Quant Title : SVOA CALIBRATION

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

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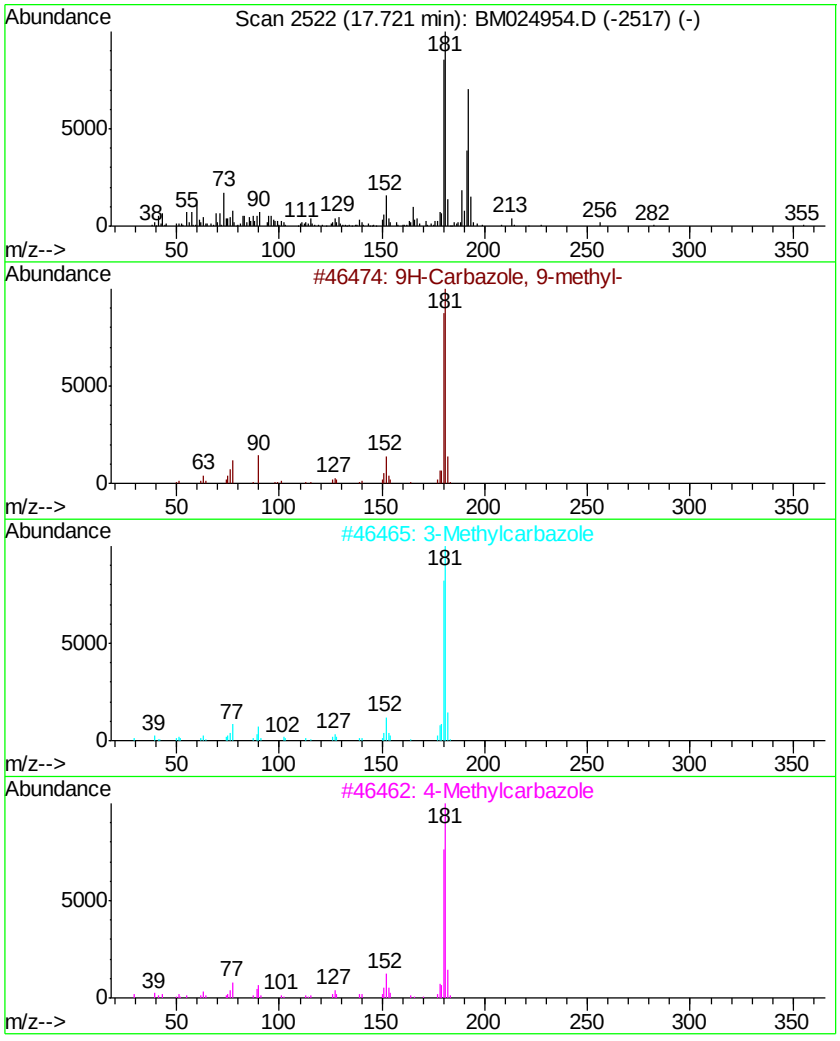
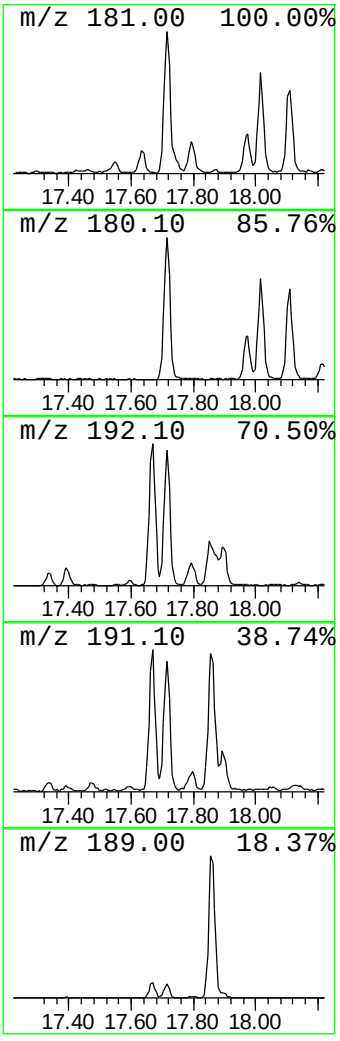
Peak Number 26 9H-Carbazole, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	5.47 ng/ul	965853	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	90
2	3-Methylcarbazole	181	C13H11N	004630-20-0	89
3	4-Methylcarbazole	181	C13H11N	003770-48-7	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
5	1-Methylcarbazole	181	C13H11N	006510-65-2	64





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Quant Title : SVOA CALIBRATION

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

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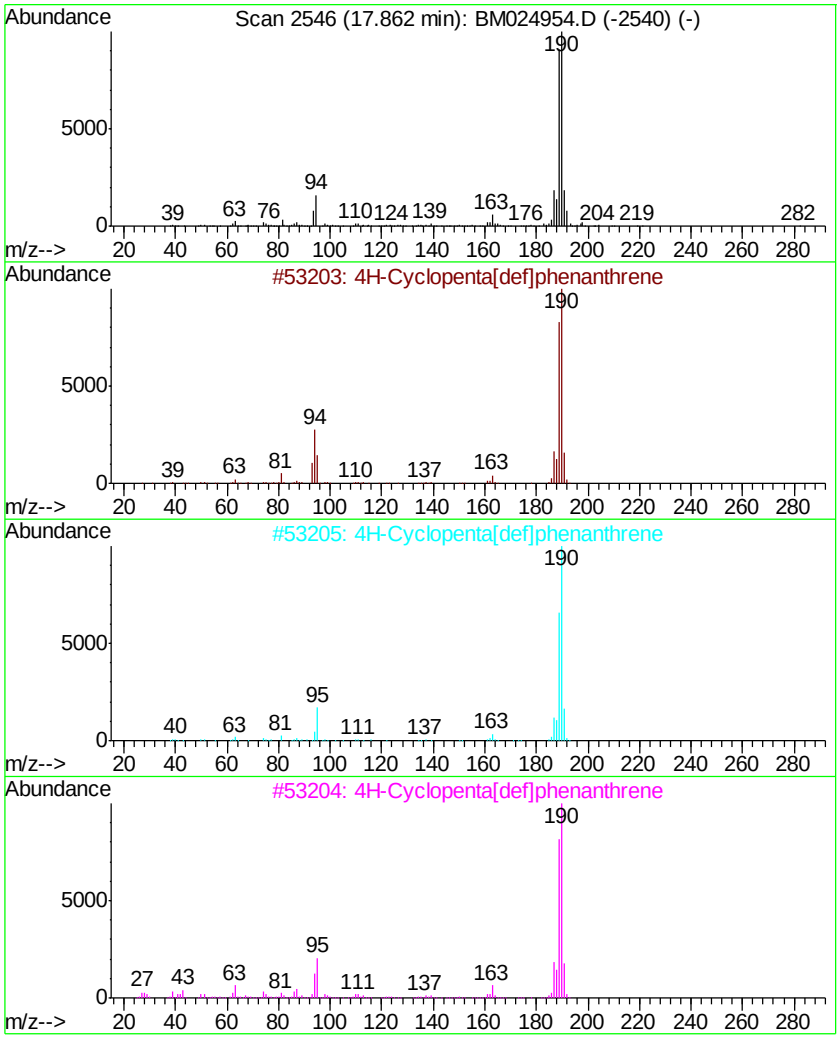
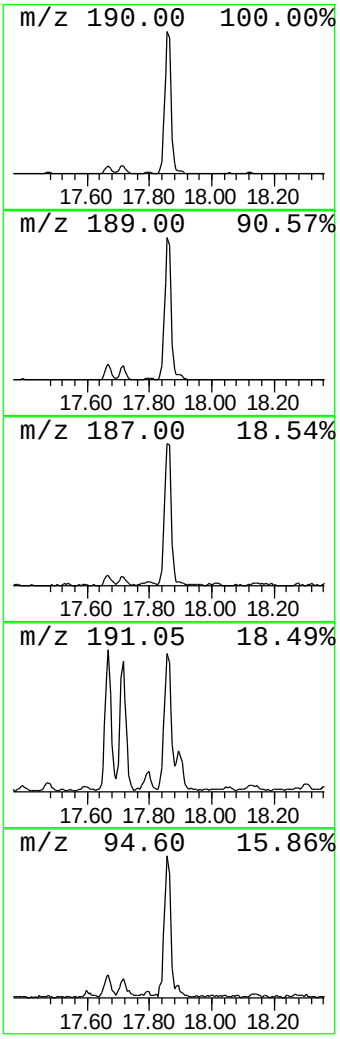
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.46 ng/ul	1140330	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	72
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64





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Quant Title : SVOA CALIBRATION

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

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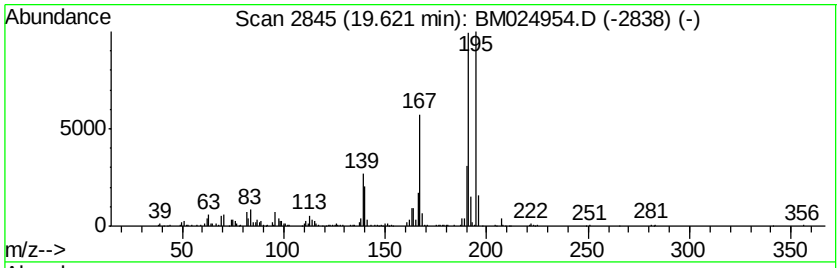
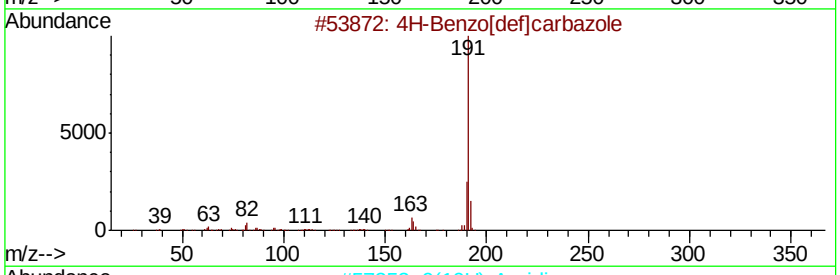
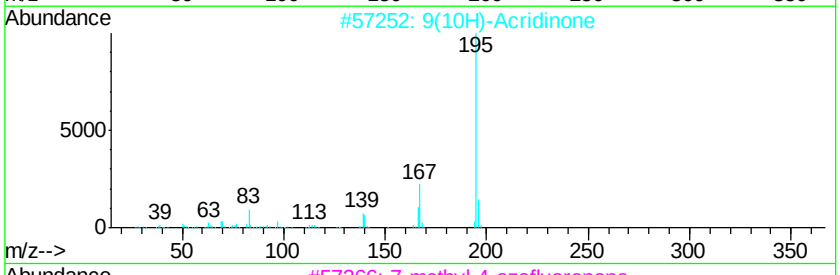
Peak Number 28 4H-Benzo[def]carbazole Concentration Rank 16

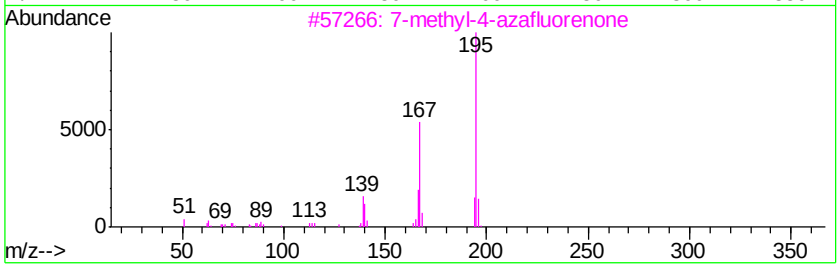
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.32 ng/ul	908452	Chrysene-d12	21.00

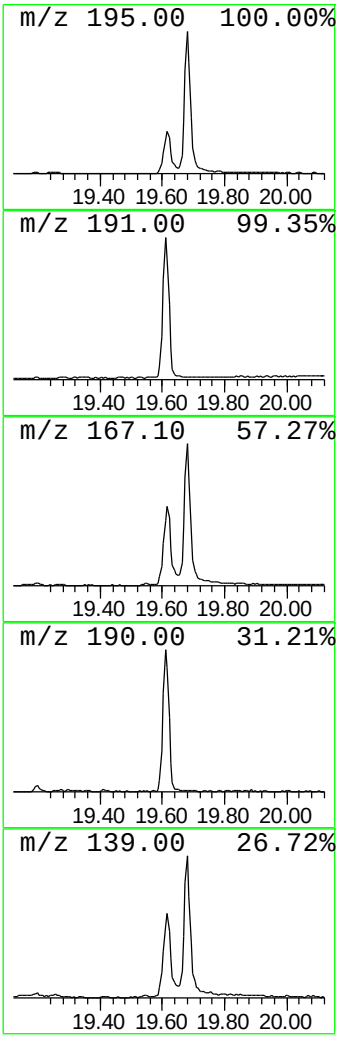
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	50
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	46
3	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	46
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	41
5	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	41











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
Sample : L1486-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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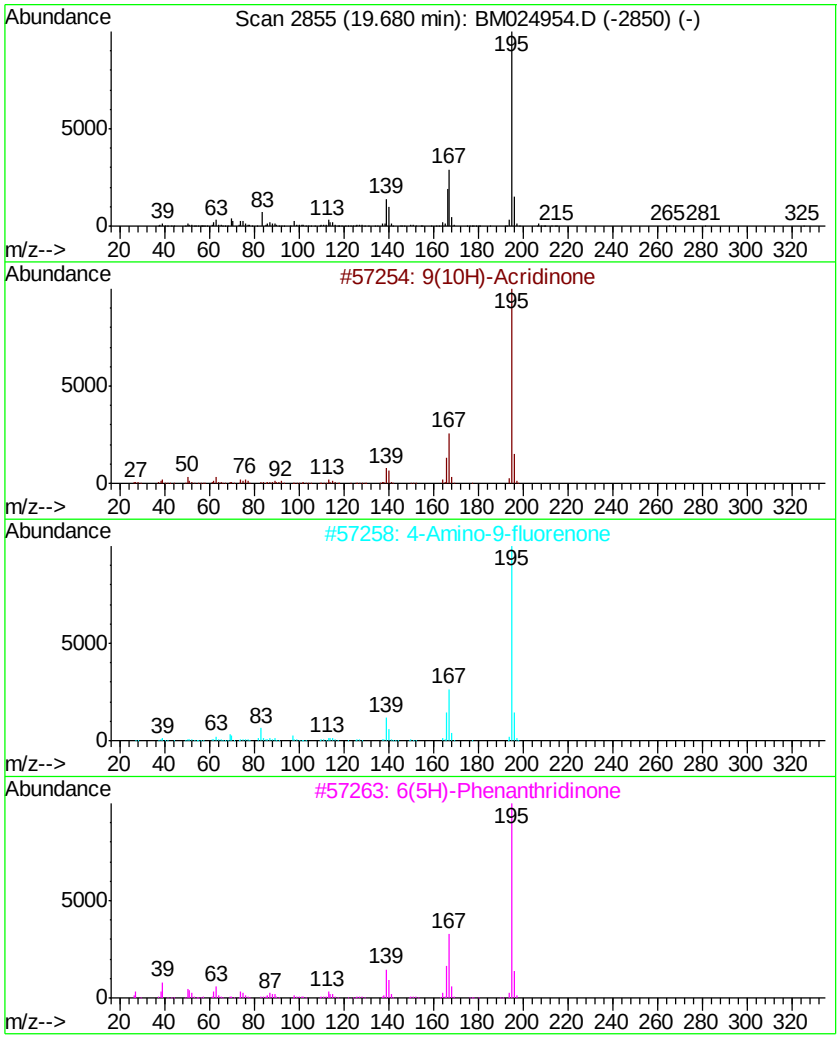
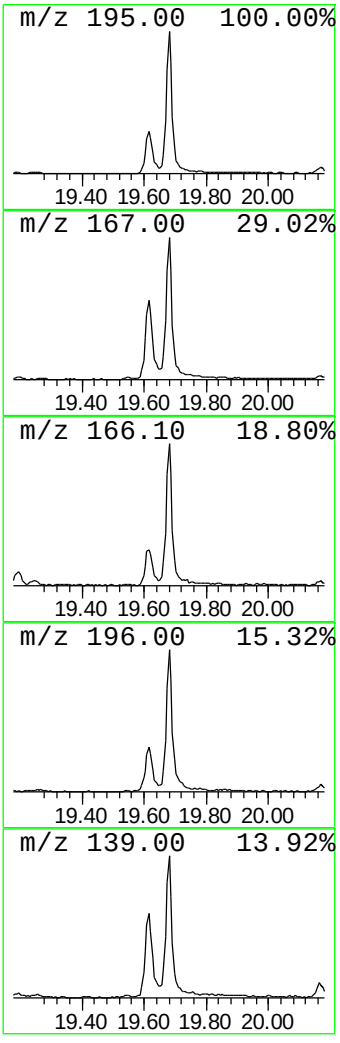
Peak Number 29 9(10H)-Acridinone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	4.62 ng/ul	971751	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	96
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	3-Acridinol	195	C13H9NO	007132-70-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
Sample : L1486-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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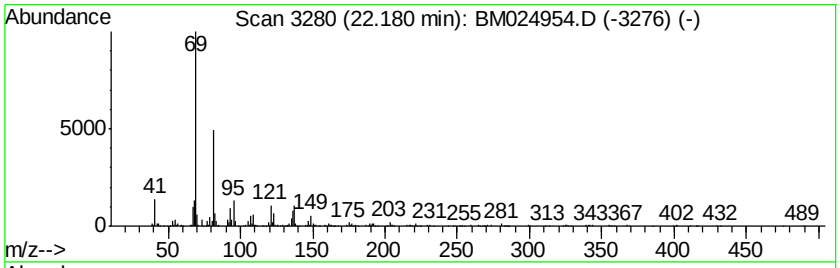
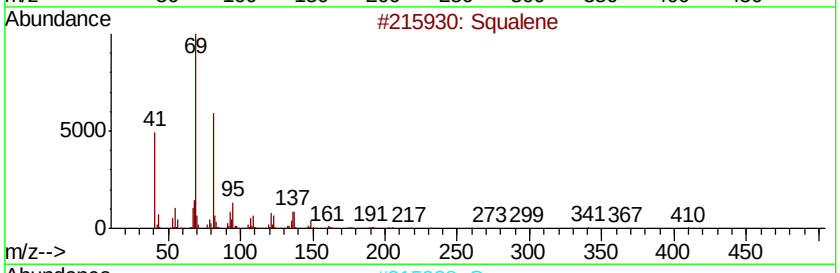
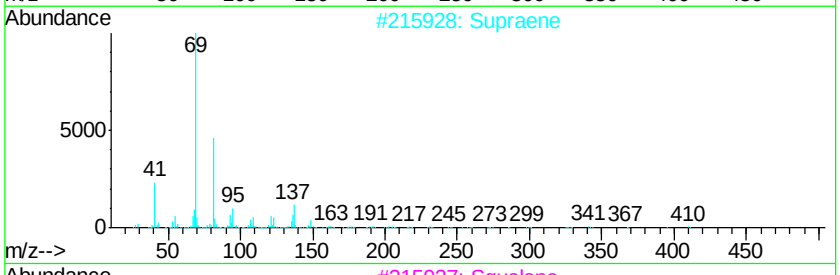
Peak Number 30 Squalene Concentration Rank 23

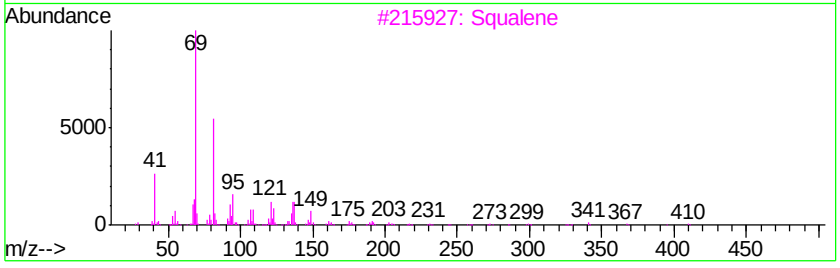
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	2.77 ng/ul	559147	Perylene-d12	23.10

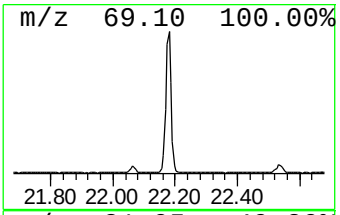
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	98
3	Squalene	410	C30H50	000111-02-4	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
5	Squalene	410	C30H50	000111-02-4	80

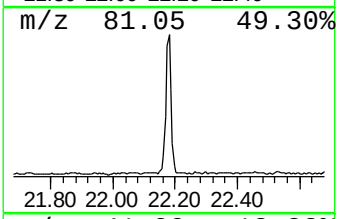


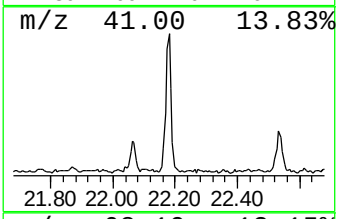


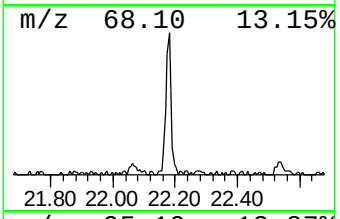


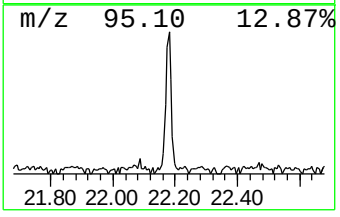












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021920\
Data File : BM024954.D
Acq On : 19 Feb 2020 21:17
Operator : CG/JU
Sample : L1486-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Toluene	3.72	6.5	ng/ul	538634	1	7.39	1655760	20.0
p-Xylene	5.10	2.1	ng/ul	170384	1	7.39	1655760	20.0
Benzene, 1,2,3-tr...	7.05	3.2	ng/ul	268451	1	7.39	1655760	20.0
Benzofuran	7.11	3.9	ng/ul	320090	1	7.39	1655760	20.0
Indane	7.75	24.6	ng/ul	2039820	1	7.39	1655760	20.0
Indene	7.91	39.6	ng/ul	3278850	1	7.39	1655760	20.0
Benzofuran, 2-met...	8.72	2.6	ng/ul	215590	1	7.39	1655760	20.0
Benzofuran, 7-met...	8.85	5.9	ng/ul	623247	2	10.13	2120990	20.0
Benzene, 1-etheny...	9.55	4.5	ng/ul	478150	2	10.13	2120990	20.0
Benzo[b]thiophene...	11.70	2.4	ng/ul	249907	2	10.13	2120990	20.0
Naphthalene, 1-me...	12.03	45.7	ng/ul	4845830	2	10.13	2120990	20.0
Naphthalene, 1-et...	13.05	4.3	ng/ul	711651	3	14.03	3304530	20.0
Naphthalene, 1,6-...	13.21	5.2	ng/ul	851638	3	14.03	3304530	20.0
Naphthalene, 2,3-...	13.35	6.8	ng/ul	1120200	3	14.03	3304530	20.0
Naphthalene, 2,6-...	13.40	2.4	ng/ul	390380	3	14.03	3304530	20.0
1-Naphthalenecarb...	14.17	2.3	ng/ul	378539	3	14.03	3304530	20.0
1-Isopropenylnaph...	14.35	3.7	ng/ul	607933	3	14.03	3304530	20.0
Nordiphenamid	15.26	4.9	ng/ul	809615	3	14.03	3304530	20.0
Diphenylmethane	15.34	2.4	ng/ul	397846	3	14.03	3304530	20.0
Dibenzofuran, 4-m...	15.39	5.0	ng/ul	831332	3	14.03	3304530	20.0
[1,1'-Biphenyl]-4...	15.54	6.5	ng/ul	1148860	4	16.79	3531920	20.0
1(2H)-Acenaphthyl...	15.77	3.9	ng/ul	693755	4	16.79	3531920	20.0
Anthracene, 9,10-...	15.89	3.3	ng/ul	587951	4	16.79	3531920	20.0
Dibenzothiophene	16.60	7.6	ng/ul	1336400	4	16.79	3531920	20.0
2-Dibenzofuranol	17.30	2.1	ng/ul	380398	4	16.79	3531920	20.0
9H-Carbazole, 9-m...	17.72	5.5	ng/ul	965853	4	16.79	3531920	20.0
4H-Cyclopenta[def...	17.86	6.5	ng/ul	1140330	4	16.79	3531920	20.0
4H-Benzo[def]carb...	19.62	4.3	ng/ul	908452	5	21.00	4204240	20.0
9(10H)-Acridinone	19.68	4.6	ng/ul	971751	5	21.00	4204240	20.0
Squalene	22.18	2.8	ng/ul	559147	6	23.10	4036590	20.0