LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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	5.098	371	376	388	rVB	46449	109727	0.22%	0.066%
2	6.110	541	548	556	rVB	141035	231902	0.48%	0.140%
3	6.745	650	656	662	rBV	92573	158042	0.32%	0.096%
4	6.934	683	688	697	rVB	98743	169121	0.35%	0.102%
5	7.051	702	708	714	rBV	156549	253745	0.52%	0.154%
6	7.110	714	718	727	rVB	90507	157073	0.32%	0.095%
7	7.387	758	765	778	rBV	1385318	2232748	4.57%	1.351%
8	7.751	820	827	835	rVB	1115155	1745398	3.58%	1.056%
9	7.910	847	854	868	rVB	2345850	3766969	7.72%	2.279%
10	8.104	880	887	893	rBV2	65830	112972	0.23%	0.068%
11	8.528	954	959	969	rVV2	108057	242911	0.50%	0.147%
12	8.722	986	992	1000	rVB	127966	200374	0.41%	0.121%
13	8.845	1006	1013	1019	rVV	281937	595048	1.22%	0.360%
14	8.904	1019	1023	1030	rVB	79961	132244	0.27%	0.080%
15	9.239	1075	1080	1086	rBV	79218	133622	0.27%	0.081%
16	9.351	1094	1099	1102	rBV	76178	121659	0.25%	0.074%
17	9.404	1102	1108	1119	rVB3	65343	173367	0.36%	0.105%
18	9.563	1123	1135	1144	rBV5	156579	522568	1.07%	0.316%
19	9.657	1145	1151	1155	rBV2	130915	250144	0.51%	0.151%
20	9.781	1166	1172	1181	rBV2	133729	264612	0.54%	0.160%
21	10.139	1226	1233	1236	rBV	1592718	2806789	5.75%	1.698%
22	10.204	1236	1244	1254	rVV2	26961681	48811683	100.00%	29.531%
23	10.304	1254	1261	1274	rVB	1318355	2101633	4.31%	1.271%
24	10.992	1372	1378	1386	rBV	62141	107099	0.22%	0.065%
25	11.239	1414	1420	1426	rBV3	59327	103404	0.21%	0.063%
26	11.533	1463	1470	1480	rBV2	82290	161692	0.33%	0.098%
27	11.698	1492	1498	1509	rVB	152555	257438	0.53%	0.156%
28	11.816	1509	1518	1526	rBV	5917180	9488124	19.44%	5.740%
29	11.933	1532	1538	1544	rVB	203465	364449	0.75%	0.220%
30	12.039	1544	1556	1566	rVB	3305459	5494719	11.26%	3.324%
31	12.480	1615	1631	1638	rBV2	70752	153541	0.31%	0.093%
32	12.857	1685	1695	1707	rBV	1465067	2204717	4.52%	1.334%
33	13.057	1723	1729	1738	rVB	363583	665804	1.36%	0.403%
34	13.192	1742	1752	1753	rBV2	294984	462400	0.95%	0.280%

LSC Area Percent Report

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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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

35	13.351	1773	1779	1784	rBV	511149	868198	1.78%	0.525%
36	13.404	1784	1788	1793	rVV	318599	486325	1.00%	0.294%
37	13.463	1793	1798	1804	rVB	275212	410795	0.84%	0.249%
38	13.592	1815	1820	1823	rBV	168932	251434	0.52%	0.152%
39	13.621	1823	1825	1831	rVB2	78990	98329	0.20%	0.059%
40	13.721	1835	1842	1845	rBV	328951	506133	1.04%	0.306%
41	13.757	1845	1848	1855	rVB2	139682	212226	0.43%	0.128%
42	14.033	1888	1895	1901	rBV	2806945	4287283	8.78%	2.594%
43	14.104	1901	1907	1913	rVV	8789404	12633853	25.88%	7.643%
44	14.168	1913	1918	1924	rVV	1159264	1763640	3.61%	1.067%
45	14.233	1924	1929	1937	rVV2	131829	255941	0.52%	0.155%
46	14.351	1940	1949	1954	rVV3	205365	487173	1.00%	0.295%
47	14.439	1954	1964	1975	rVV	4713674	7047035	14.44%	4.263%
48	14.545	1975	1982	1992	rVB3	93873	235797	0.48%	0.143%
49	15.039	2061	2066	2070	rVV	462531	657937	1.35%	0.398%
50	15.092	2070	2075	2082	rVV	3209055	4337185	8.89%	2.624%
51	15.186	2086	2091	2094	rVV4	114717	223880	0.46%	0.135%
52	15.221	2094	2097	2099	rVV2	151238	220406	0.45%	0.133%
53	15.257	2099	2103	2108	rVV3	291103	481219	0.99%	0.291%
54	15.310	2108	2112	2113	rVV3	65777	99695	0.20%	0.060%
55	15.345	2113	2118	2122	rVV4	159693	291224	0.60%	0.176%
56	15.398	2122	2127	2136	rVB3	325054	556214	1.14%	0.337%
57	15.498	2136	2144	2147	rBV5	48056	104467	0.21%	0.063%
58	15.539	2147	2151	2161	rVB	291091	588431	1.21%	0.356%
59	15.768	2184	2190	2201	rBV2	722967	1319495	2.70%	0.798%
60	15.892	2206	2211	2215	rBV	118008	165781	0.34%	0.100%
61	15.962	2215	2223	2226	rBV5	97147	166130	0.34%	0.101%
62	16.027	2226	2234	2238	rBV2	790334	1454717	2.98%	0.880%
63	16.074	2238	2242	2246	rVB2	117427	167619	0.34%	0.101%
64	16.310	2276	2282	2289	rBV	249010	471543	0.97%	0.285%
65	16.433	2297	2303	2313	rVB3	130096	337065	0.69%	0.204%
66	16.609	2323	2333	2344	rVB2	707073	1299458	2.66%	0.786%
67	16.709	2345	2350	2356	rBV4	71528	132946	0.27%	0.080%
68	16.792	2356	2364	2367	rBV	3466196	4891725	10.02%	2.959%
69	16.833	2367	2371	2376	rVB	4856421	6308218	12.92%	3.816%
70	16.886	2376	2380	2384	rBV2	514707	777513	1.59%	0.470%
71	16.992	2394	2398	2403	rBV3	138740	202058	0.41%	0.122%

LSC Area Percent Report

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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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

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

72	17.127	2413	2421	2424	rBV2	157740	270527	0.55%	0.164%
73	17.198	2424	2433	2439	rVB	1232217	1884681	3.86%	1.140%
74	17.298	2445	2450	2457	rBV3	296403	501334	1.03%	0.303%
75	17.362	2457	2461	2471	rVV	405395	591902	1.21%	0.358%
76	17.545	2486	2492	2496	rVB4	49514	100256	0.21%	0.061%
77	17.633	2502	2507	2511	rBV	170099	255700	0.52%	0.155%
78	17.715	2516	2521	2530	rVV3	413705	695516	1.42%	0.421%
79	17.792	2530	2534	2539	rVV	202214	272219	0.56%	0.165%
80	17.856	2540	2545	2554	rVB	281401	461856	0.95%	0.279%
81	17.956	2558	2562	2567	rBV2	112021	215129	0.44%	0.130%
82	18.015	2569	2572	2576	rVV	86802	131574	0.27%	0.080%
83	18.115	2584	2589	2595	rVV3	104432	246139	0.50%	0.149%
84	18.180	2595	2600	2603	rVV	109508	159471	0.33%	0.096%
85	18.862	2710	2716	2723	rVB	675698	888564	1.82%	0.538%
86	19.198	2767	2773	2776	rBV	670428	1052720	2.16%	0.637%
87	19.221	2776	2777	2782	rVB	360373	355334	0.73%	0.215%
88	19.609	2839	2843	2850	rBV	185030	292594	0.60%	0.177%
89	19.680	2850	2855	2862	rBV	741599	1089808	2.23%	0.659%
90	20.768	3036	3040	3044	rBV4	84534	136287	0.28%	0.082%
91	20.809	3044	3047	3053	rVV	95338	139770	0.29%	0.085%
92	21.003	3075	3080	3085	rBV	4511757	5732723	11.74%	3.468%
93	21.633	3184	3187	3191	rVB	181194	175690	0.36%	0.106%
94	22.068	3257	3261	3265	rVB	347282	411596	0.84%	0.249%
95	22.538	3337	3341	3349	rVB	524310	681302	1.40%	0.412%
96	22.974	3410	3415	3421	rVB	449840	761353	1.56%	0.461%
97	23.062	3425	3430	3432	rVV	582535	925267	1.90%	0.560%
98	23.103	3432	3437	3448	rVB	3187216	5605511	11.48%	3.391%
99	23.650	3526	3530	3539	rVB	517538	846365	1.73%	0.512%
100	24.327	3641	3645	3655	rVB	435375	853122	1.75%	0.516%

Sum of corrected areas: 165291136

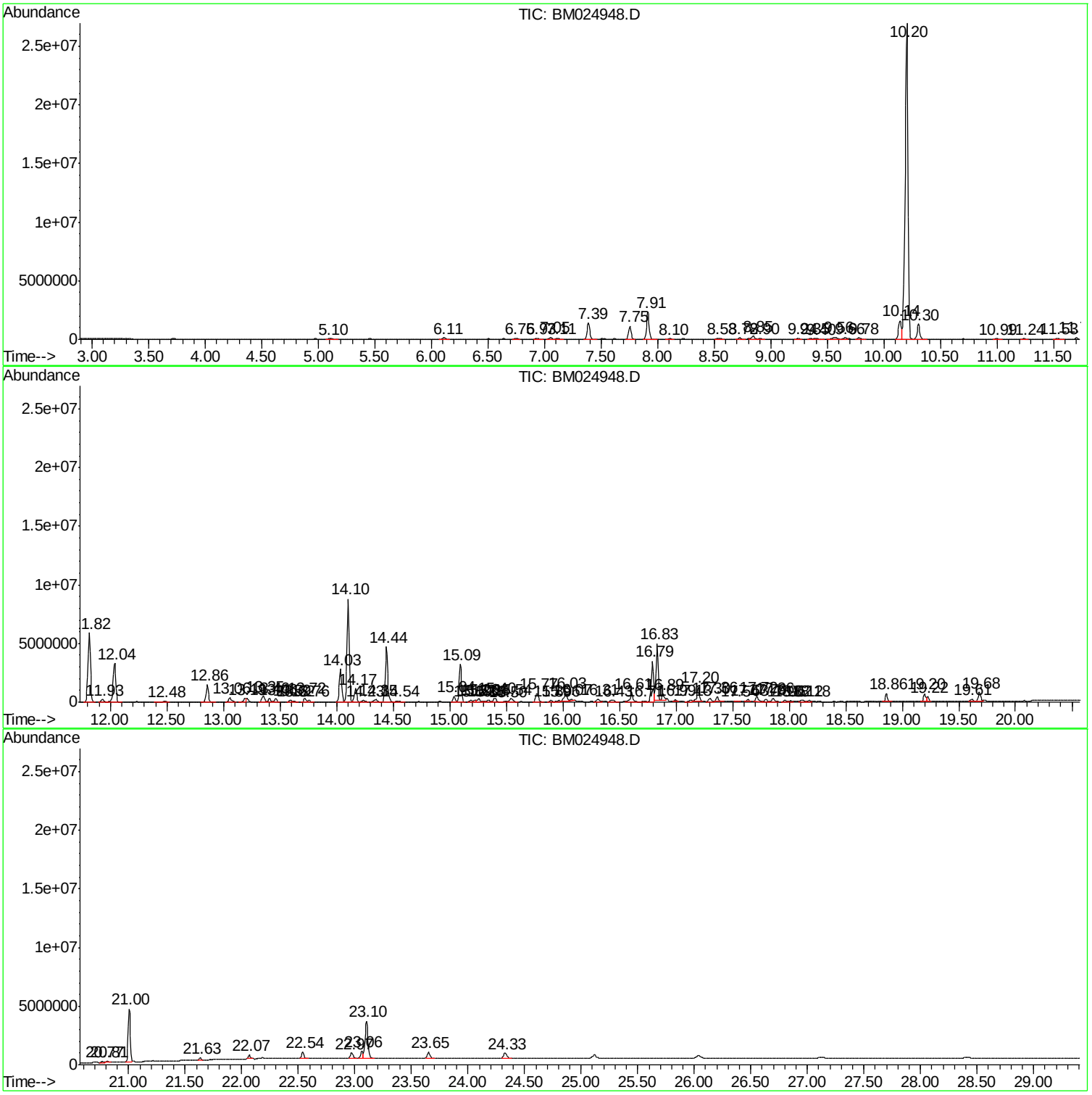
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
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Misc :
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Instrument : BNA_M
ClientSampleId : DBCW6DL

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

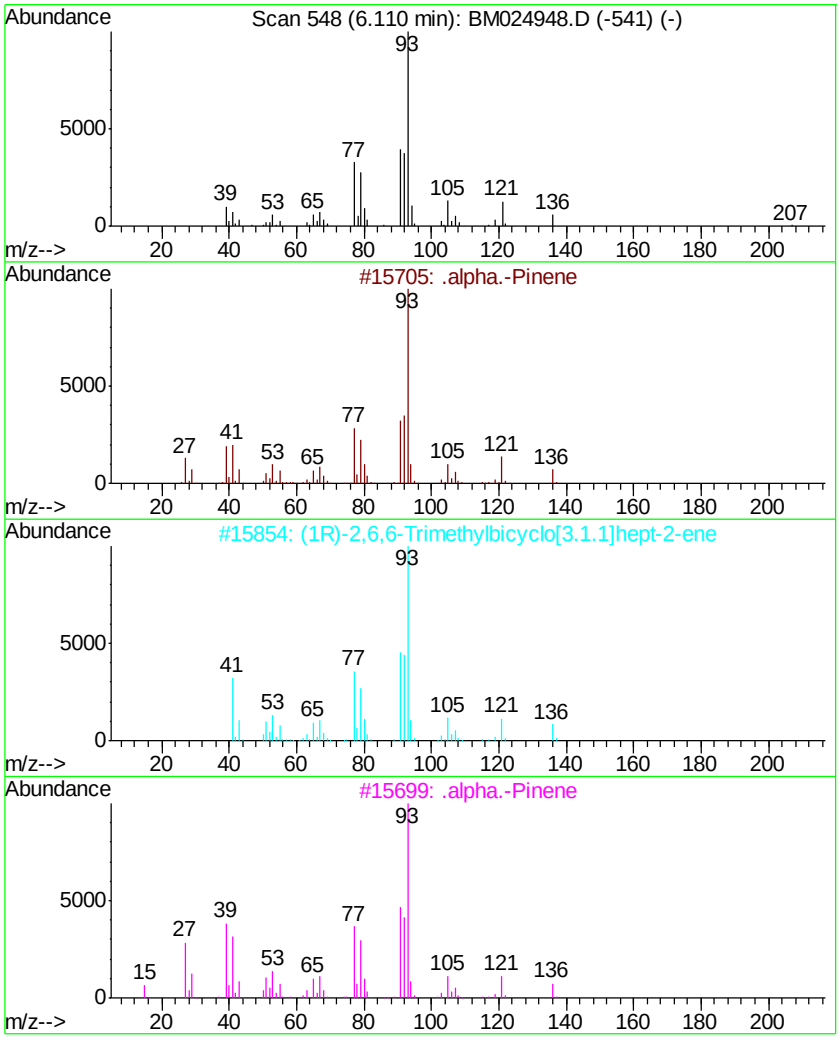
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

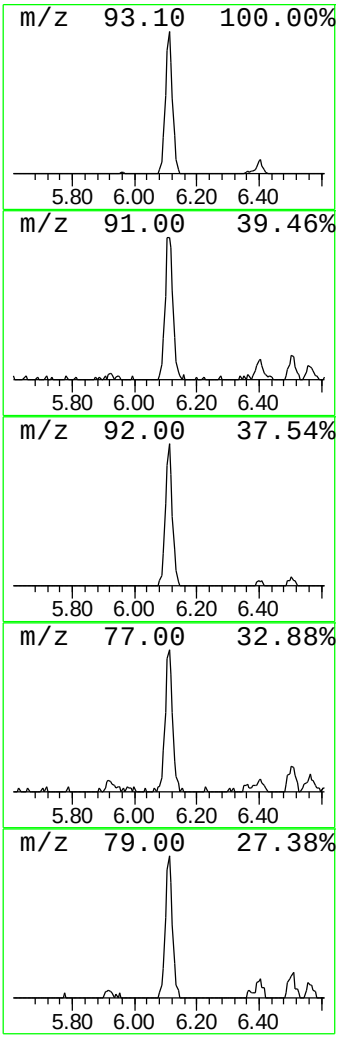
****

Peak Number 1 .alpha.-Pinene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	2.08 ng/ul	231902	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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

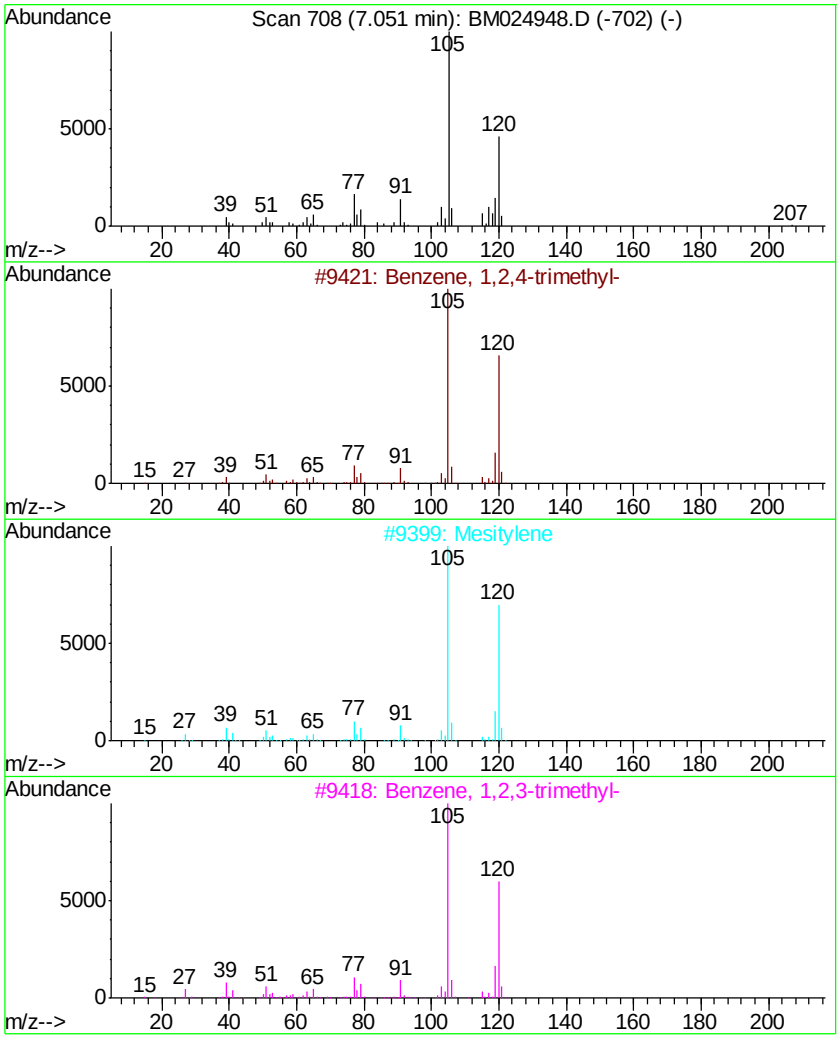
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

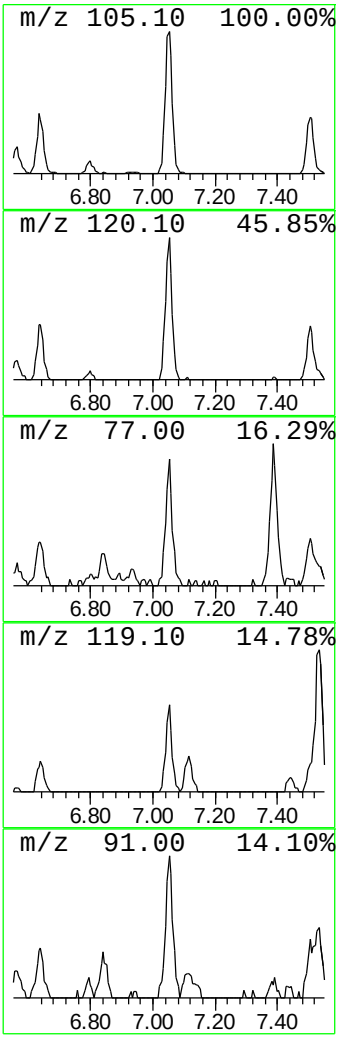
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	2.27 ng/ul	253745	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
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Instrument : BNA_M
ClientSampleId : DBCW6DL

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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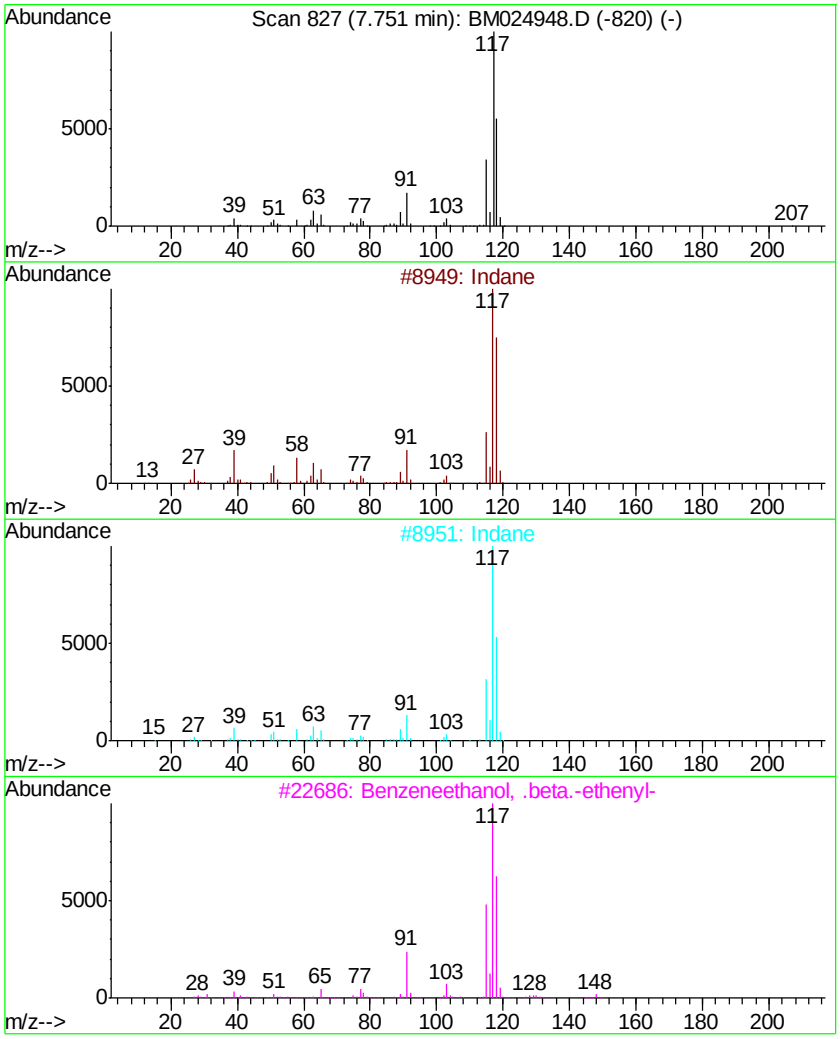
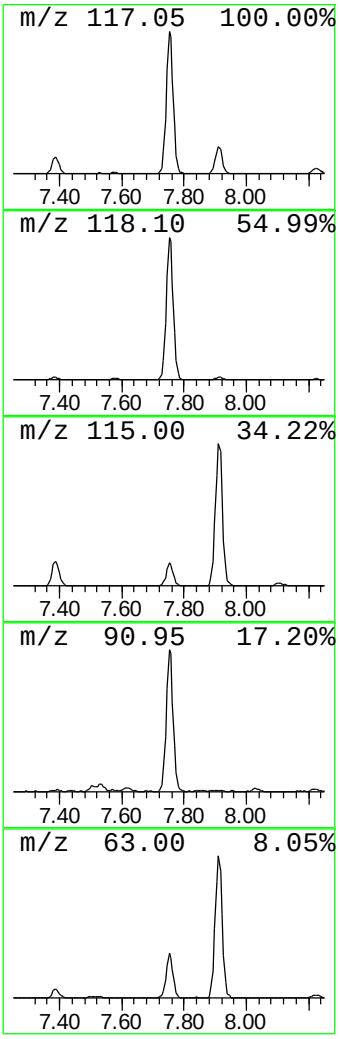
Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	15.63 ng/ul	1745400	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
4	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50
5	Indane	118	C9H10	000496-11-7	49





Library Search Compound Report

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Data File : BM024948.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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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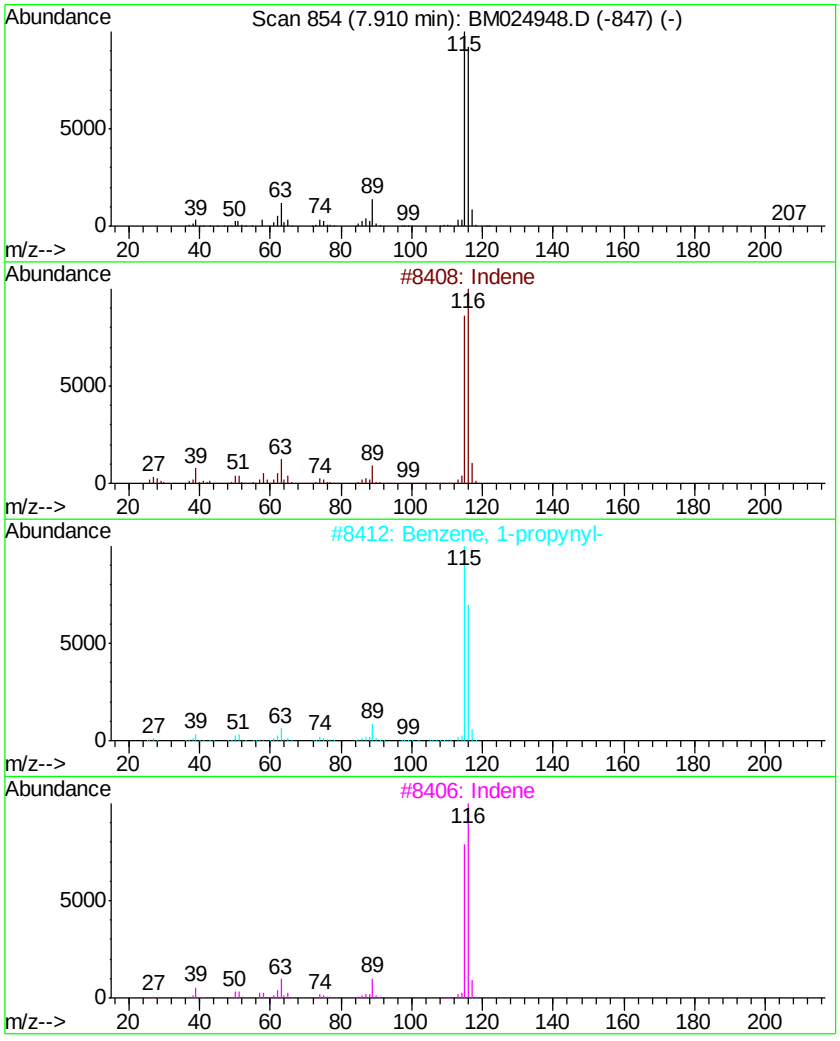
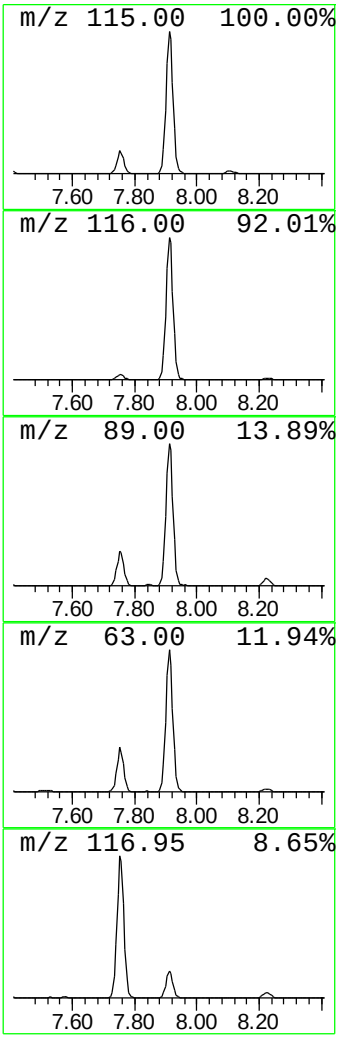
Peak Number 4 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	33.74 ng/ul	3766970	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	Indene	116	C9H8	000095-13-6	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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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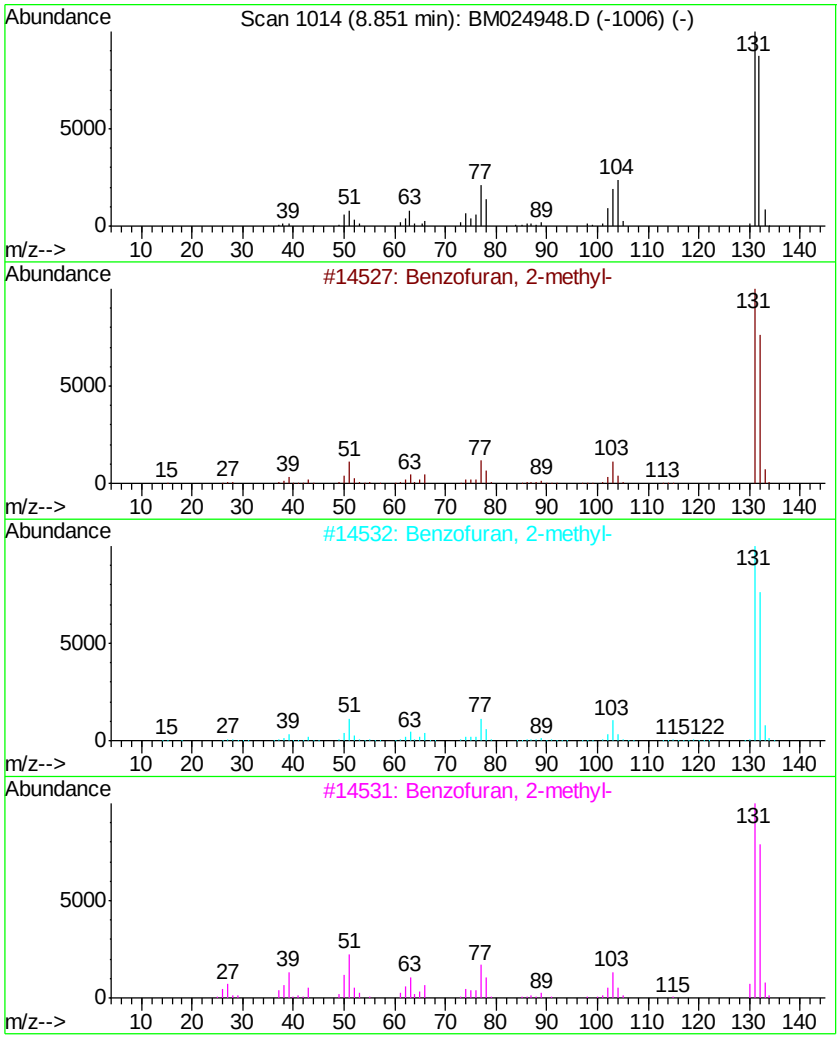
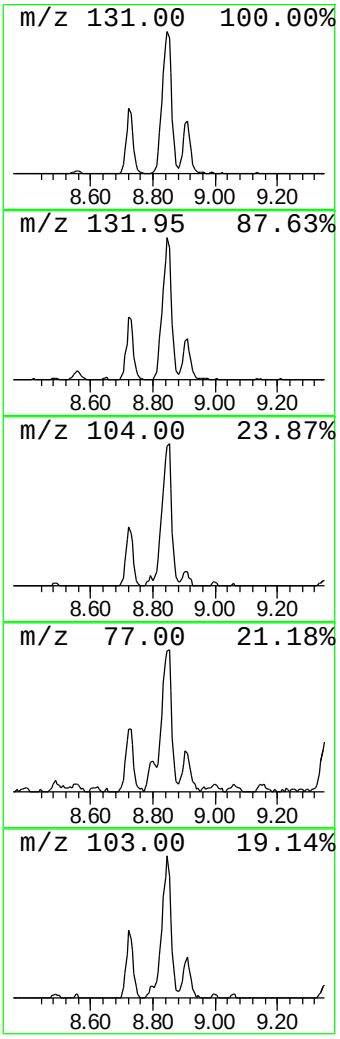
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	4.24 ng/ul	595048	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Library Search Compound Report

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Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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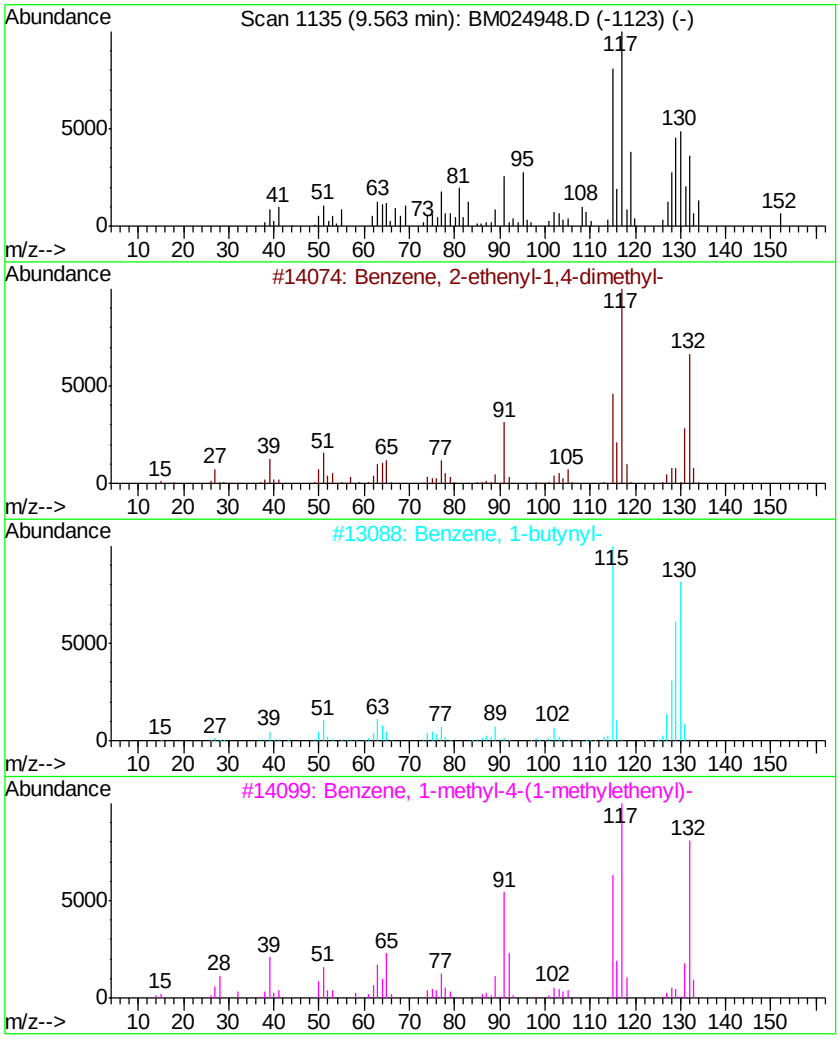
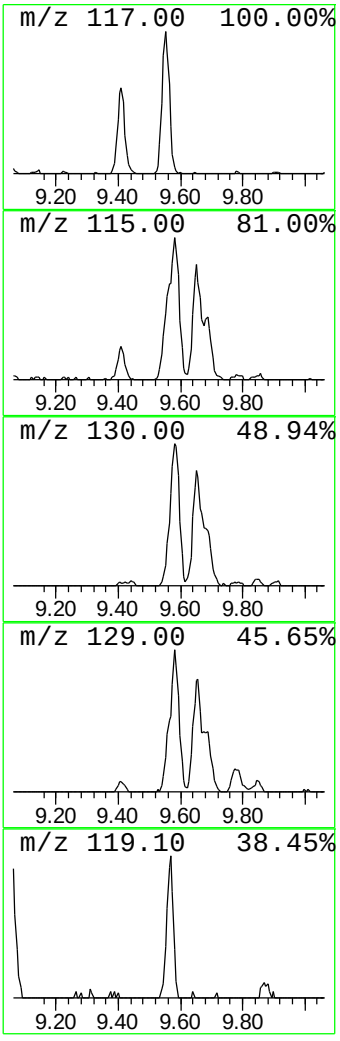
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.72 ng/ul	522568	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	84
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	52
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	46
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	46
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	46





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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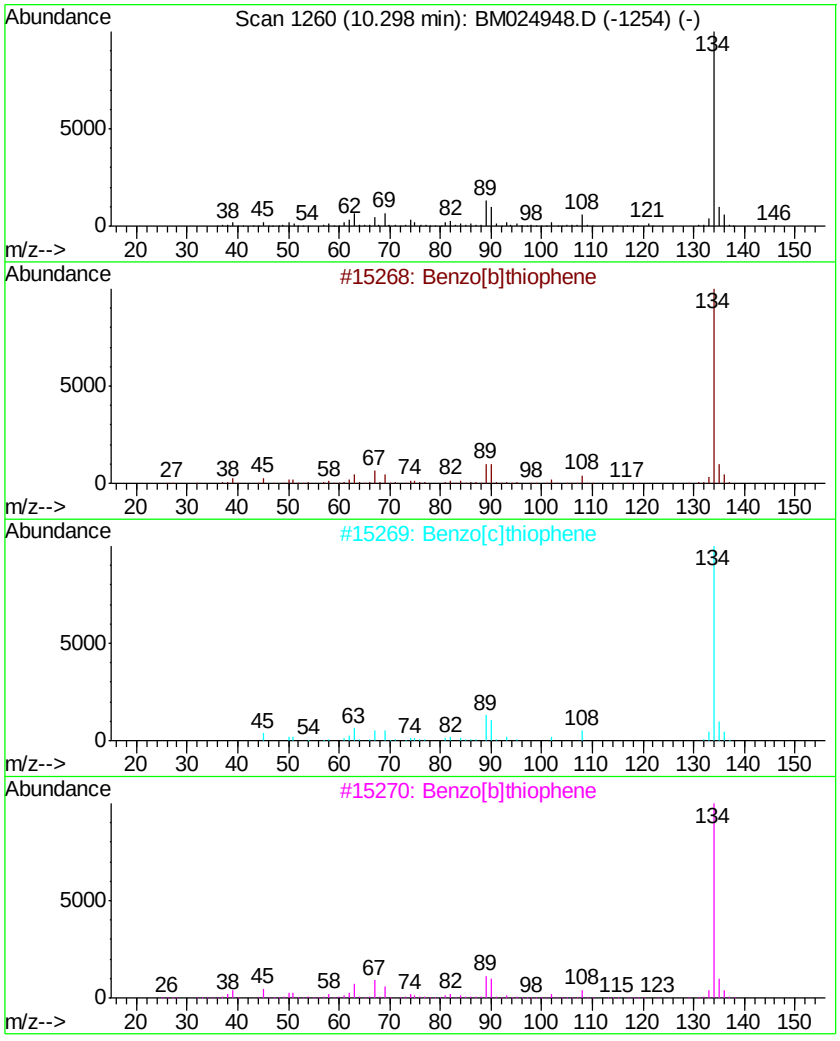
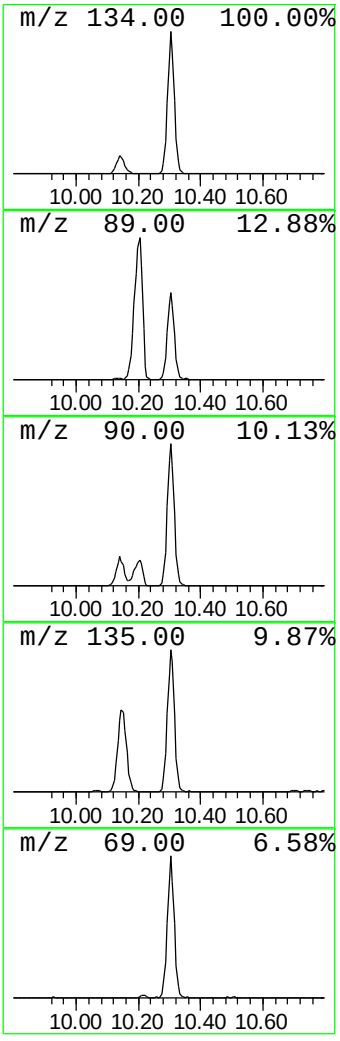
Peak Number 7 Benzo[b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	14.98 ng/ul	2101630	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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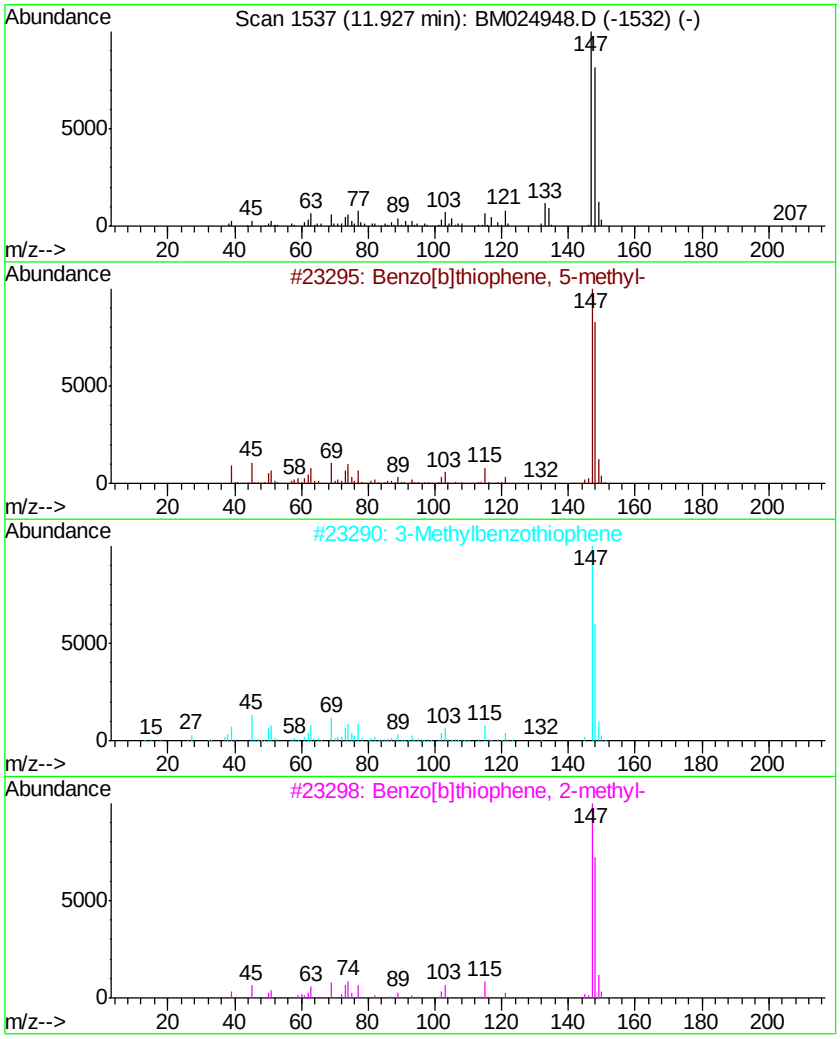
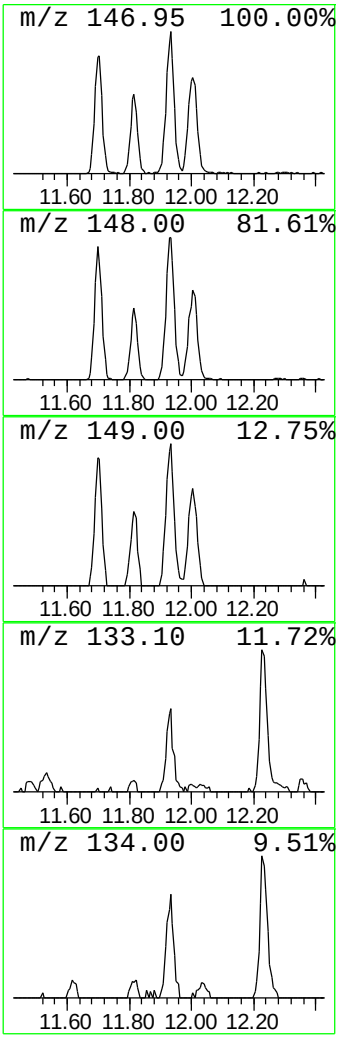
Peak Number 8 Benzo[b]thiophene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.60 ng/ul	364449	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	80
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	80
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	72





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ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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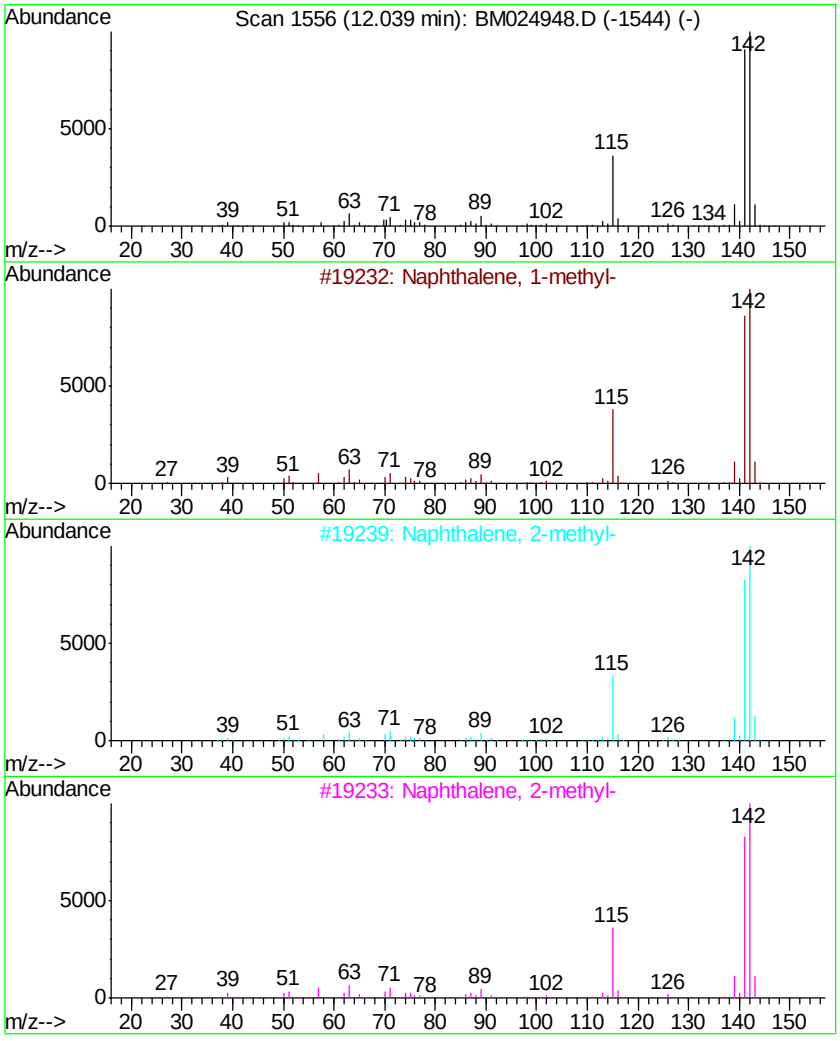
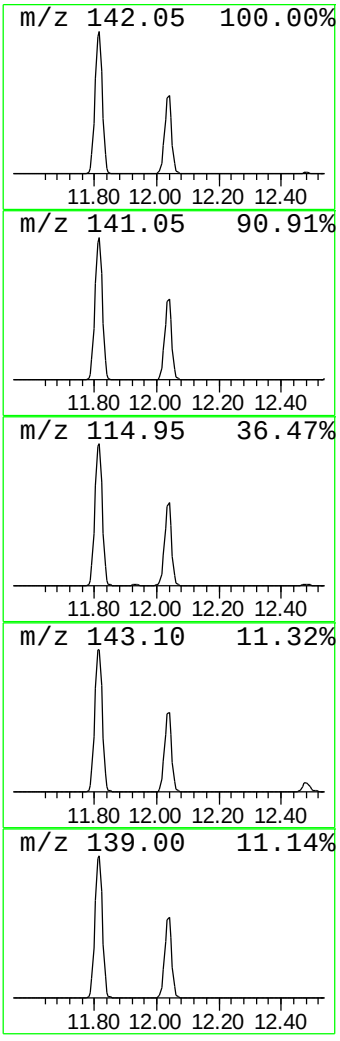
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	39.15 ng/ul	5494720	Naphthalene-d8	10.14

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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Sample : L1486-15DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : DBCW6DL

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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 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.11 ng/ul	665804	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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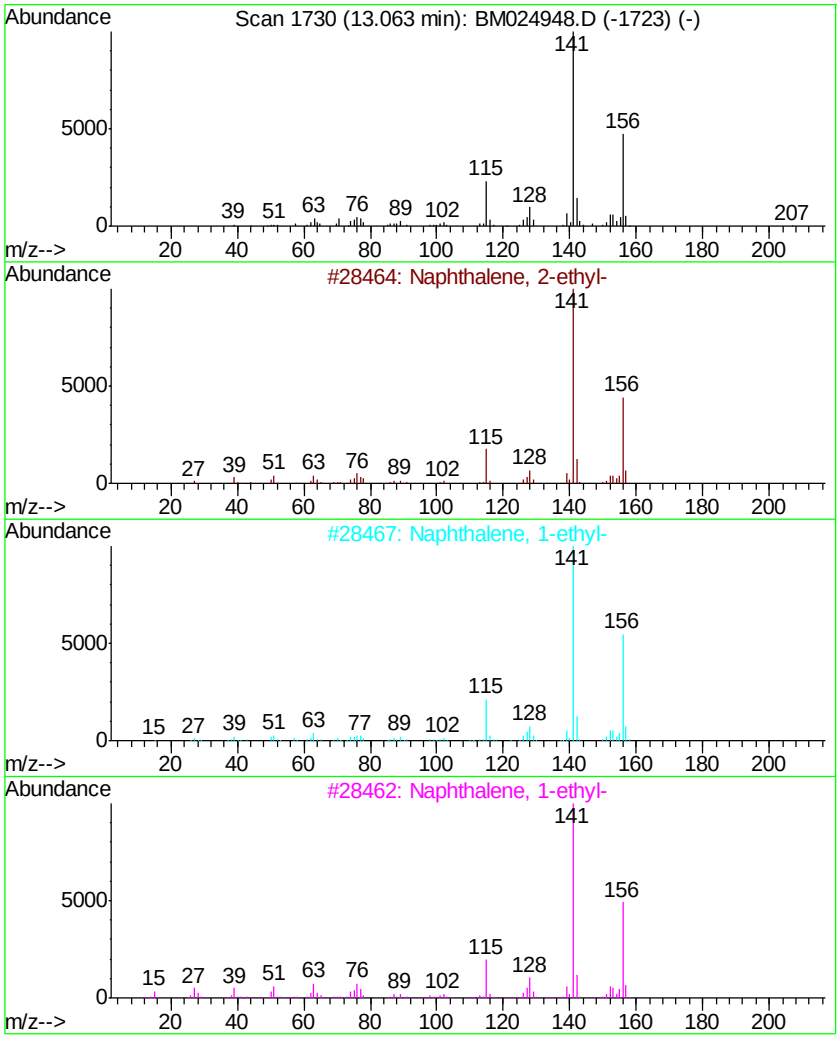

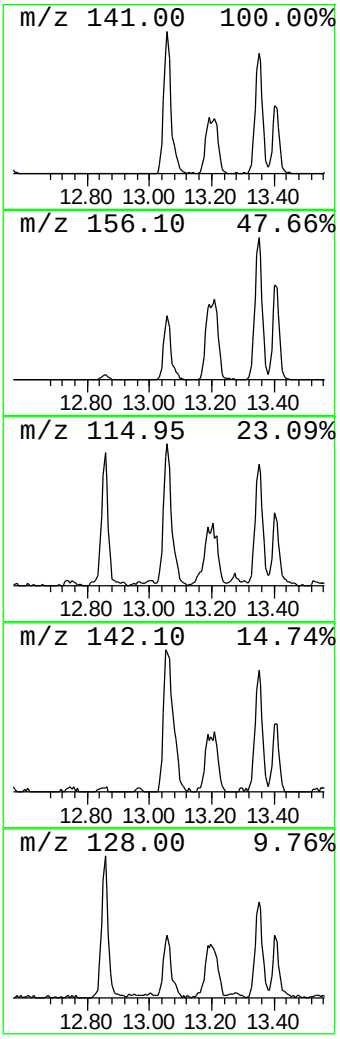

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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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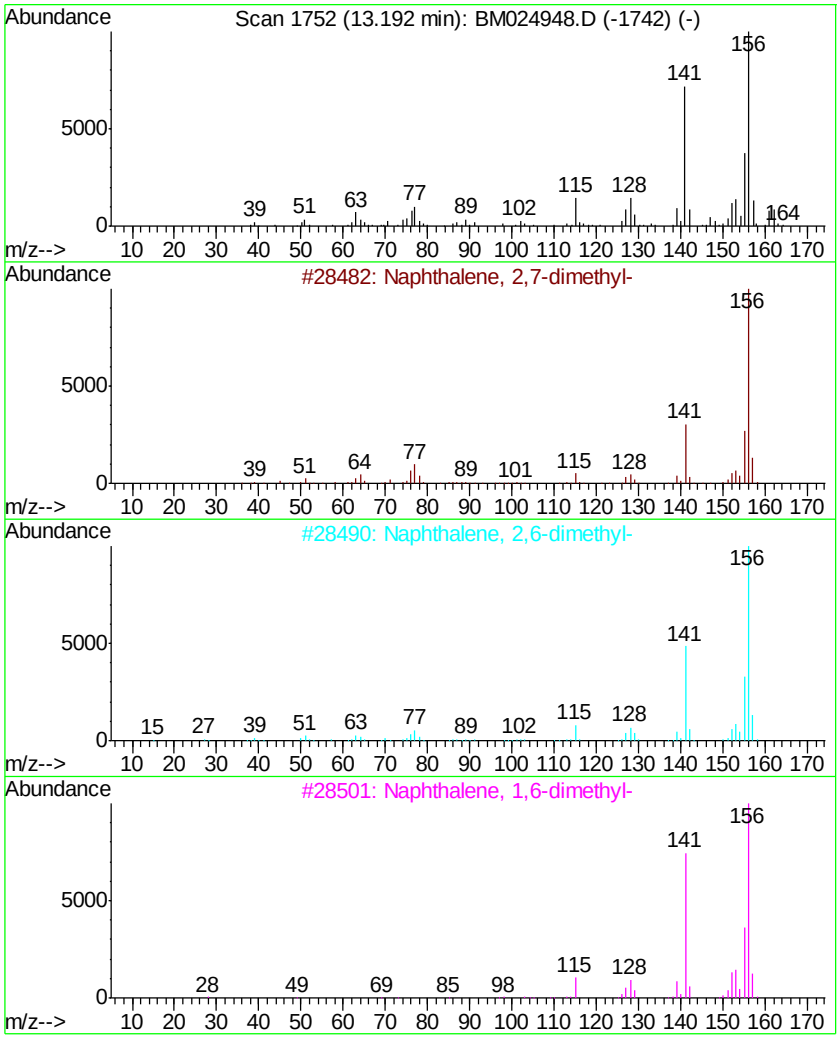
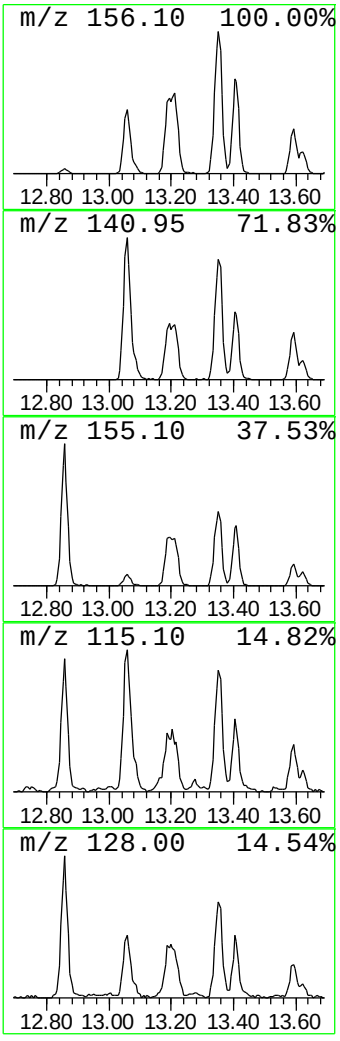
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.16 ng/ul	462400	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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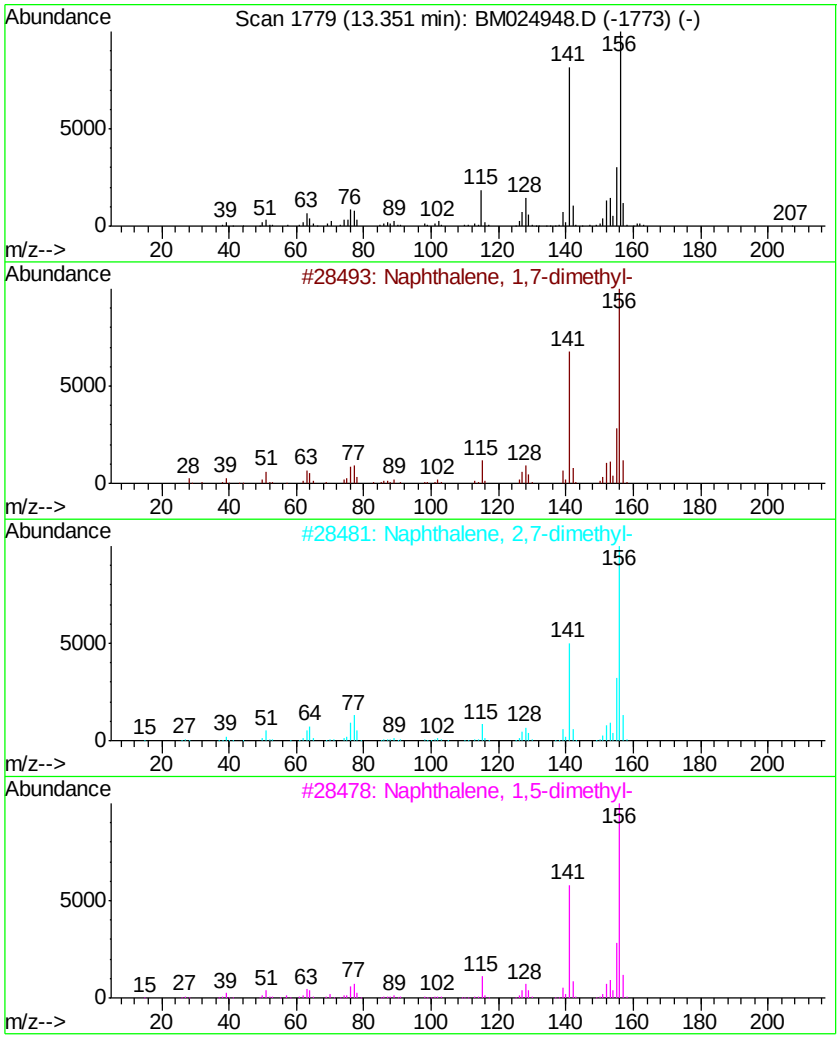
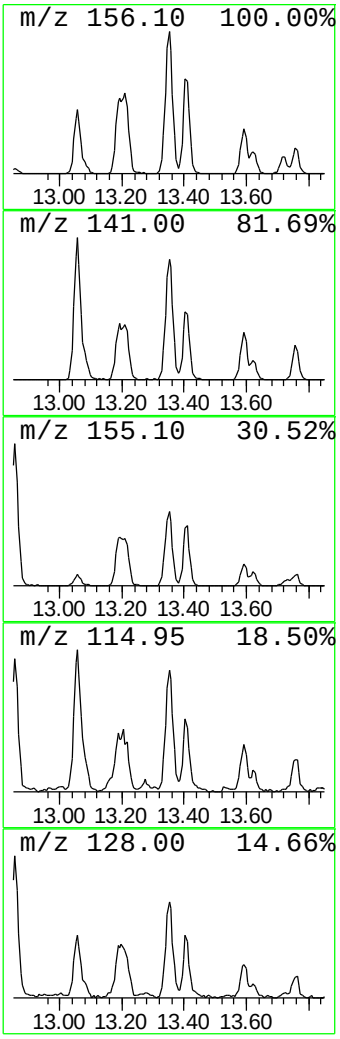
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.05 ng/ul	868198	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Quant Title : SVOA CALIBRATION

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

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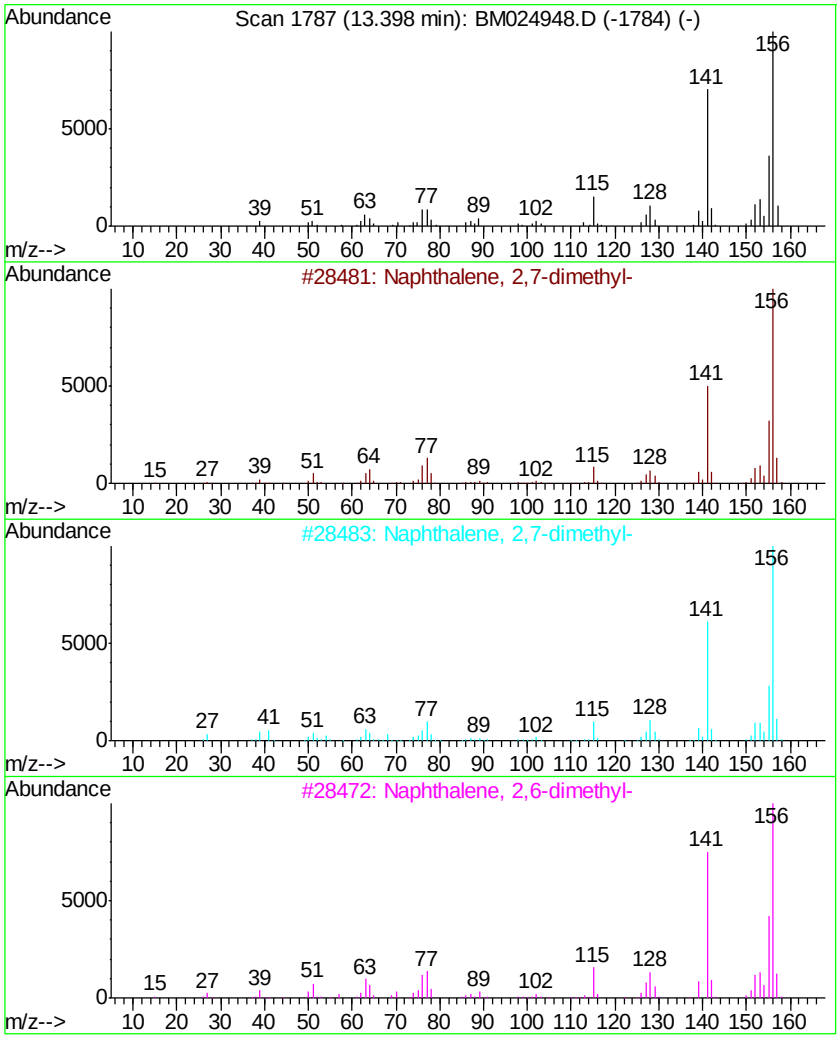
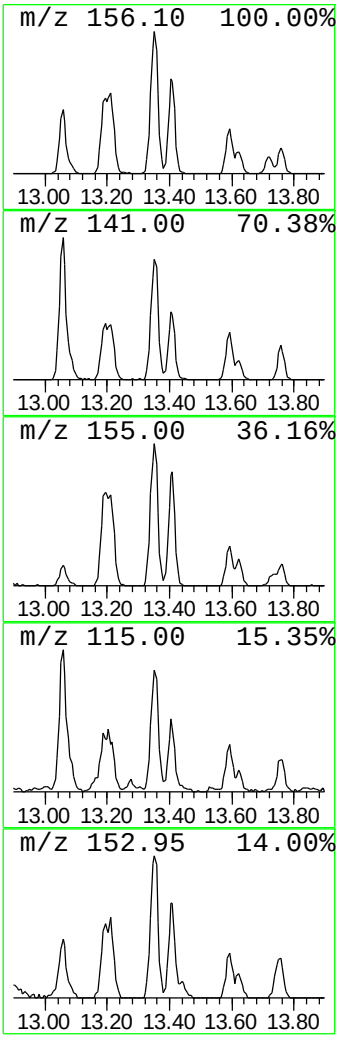
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.27 ng/ul	486325	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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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 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	8.23 ng/ul	1763640	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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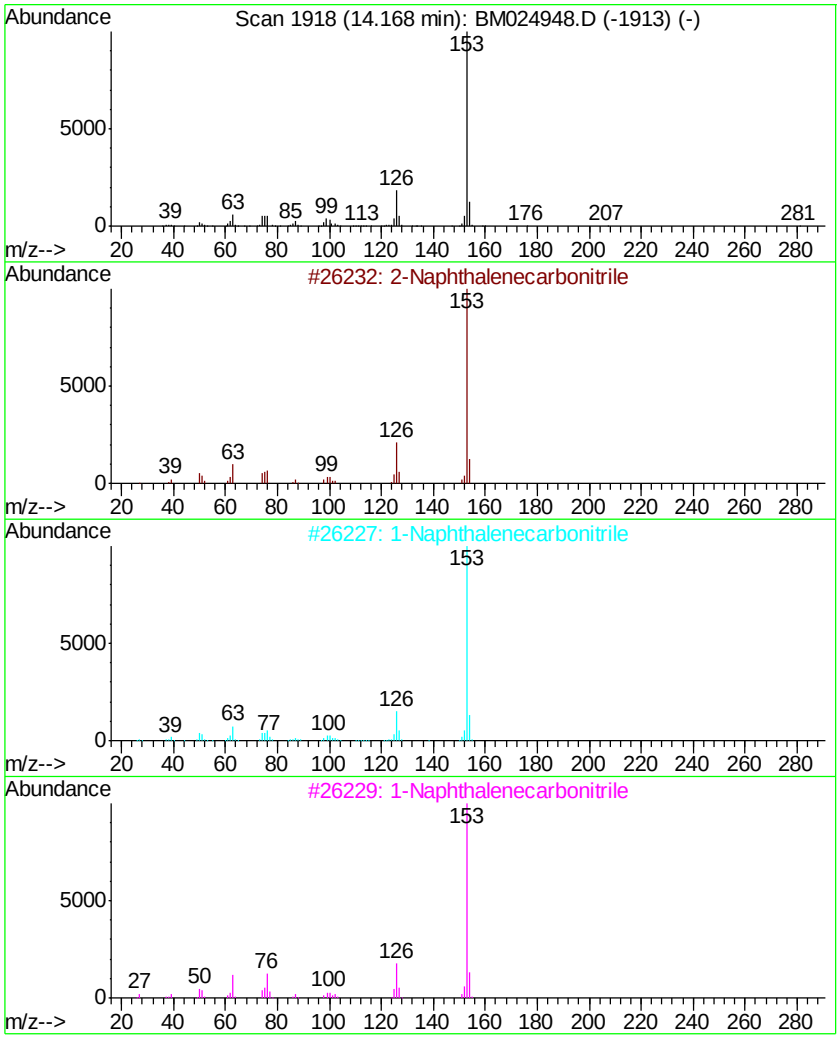

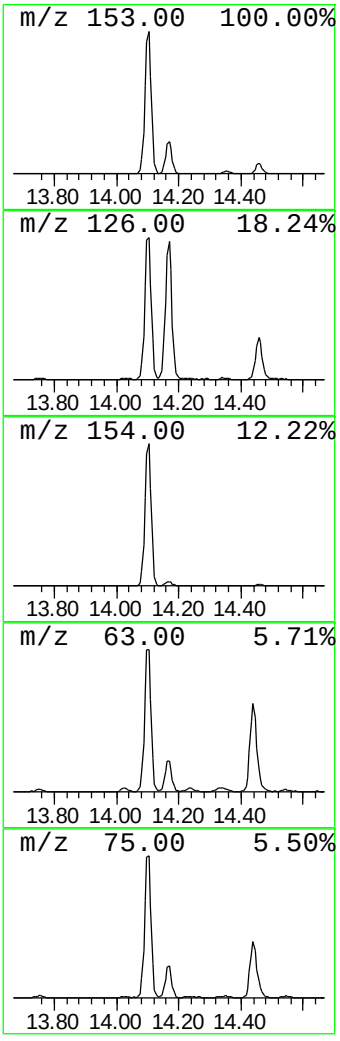

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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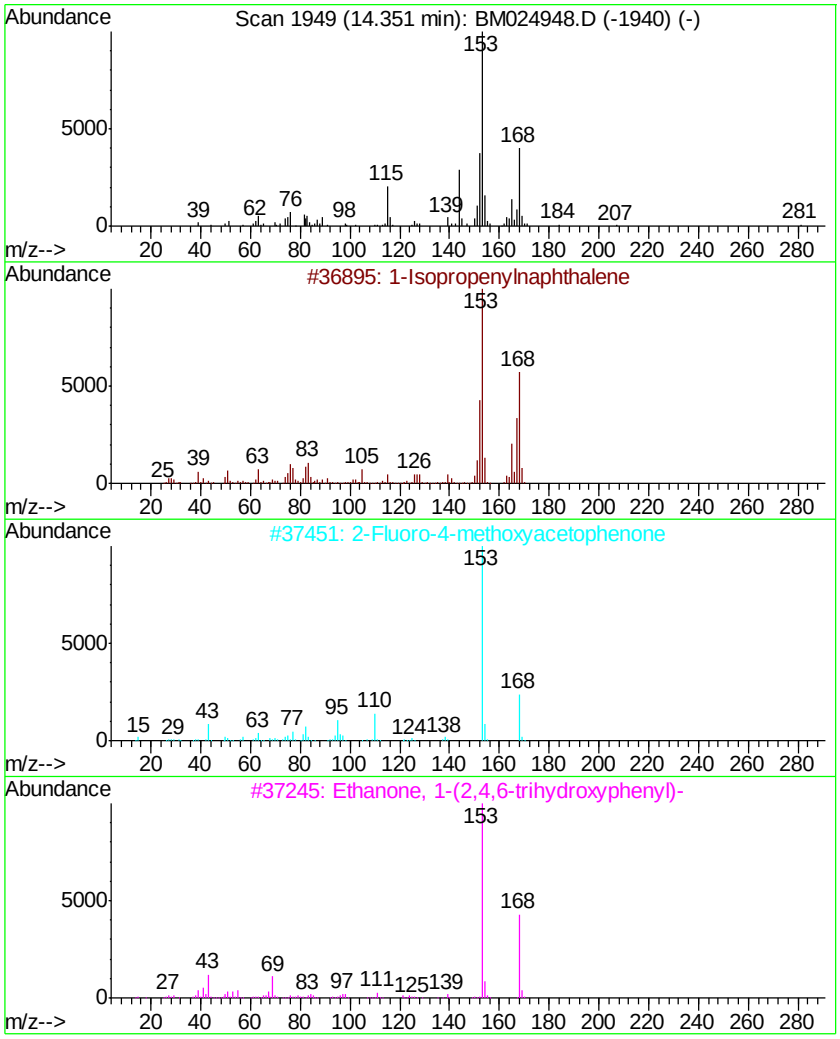
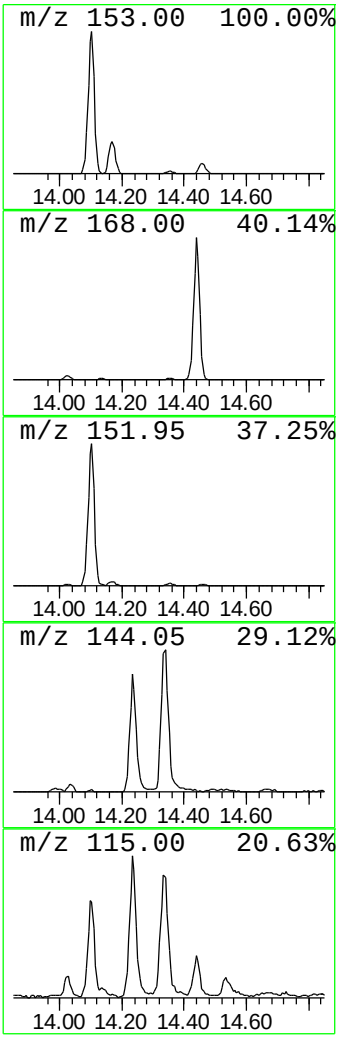
Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.27 ng/ul	487173	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	49
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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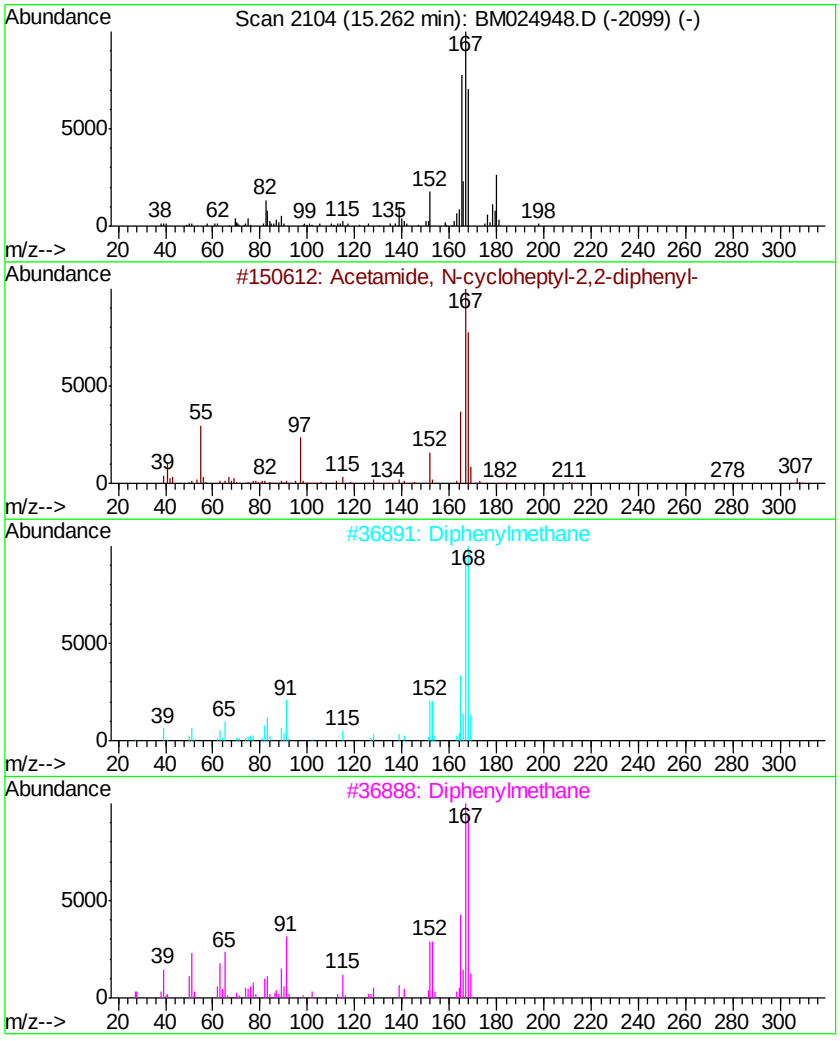
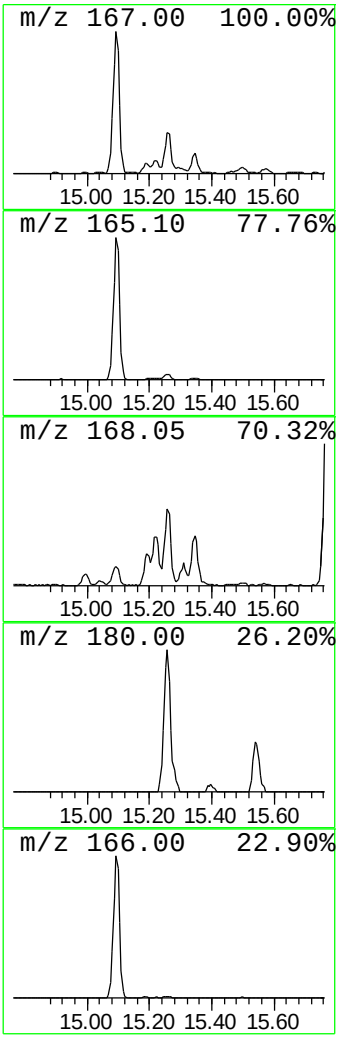
Peak Number 16 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.24 ng/ul	481219	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	47
2	Diphenylmethane	168	C13H12	000101-81-5	46
3	Diphenylmethane	168	C13H12	000101-81-5	43
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	30





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ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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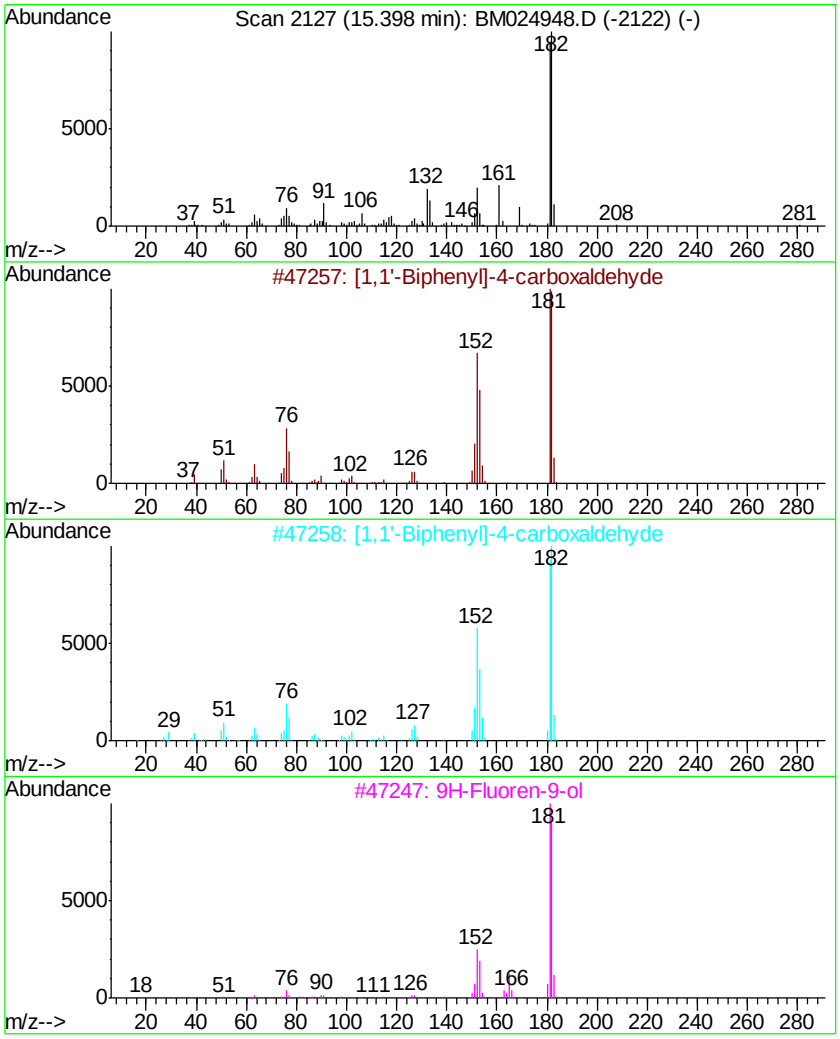
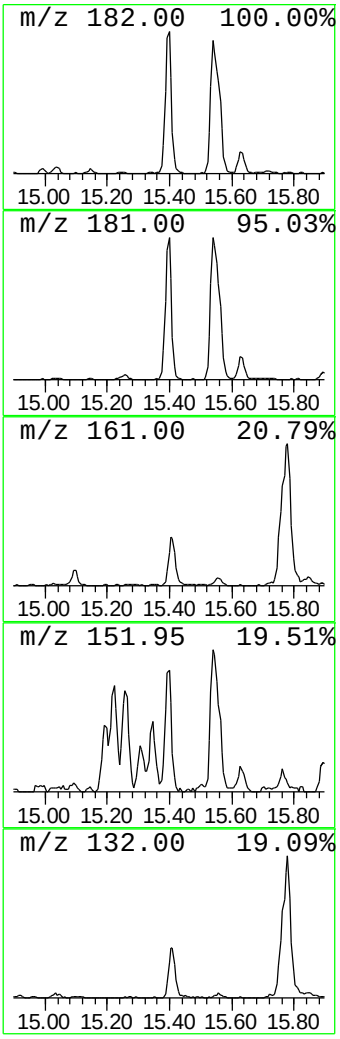
Peak Number 17 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	2.59 ng/ul	556214	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	59
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49





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Acq On : 19 Feb 2020 17:40
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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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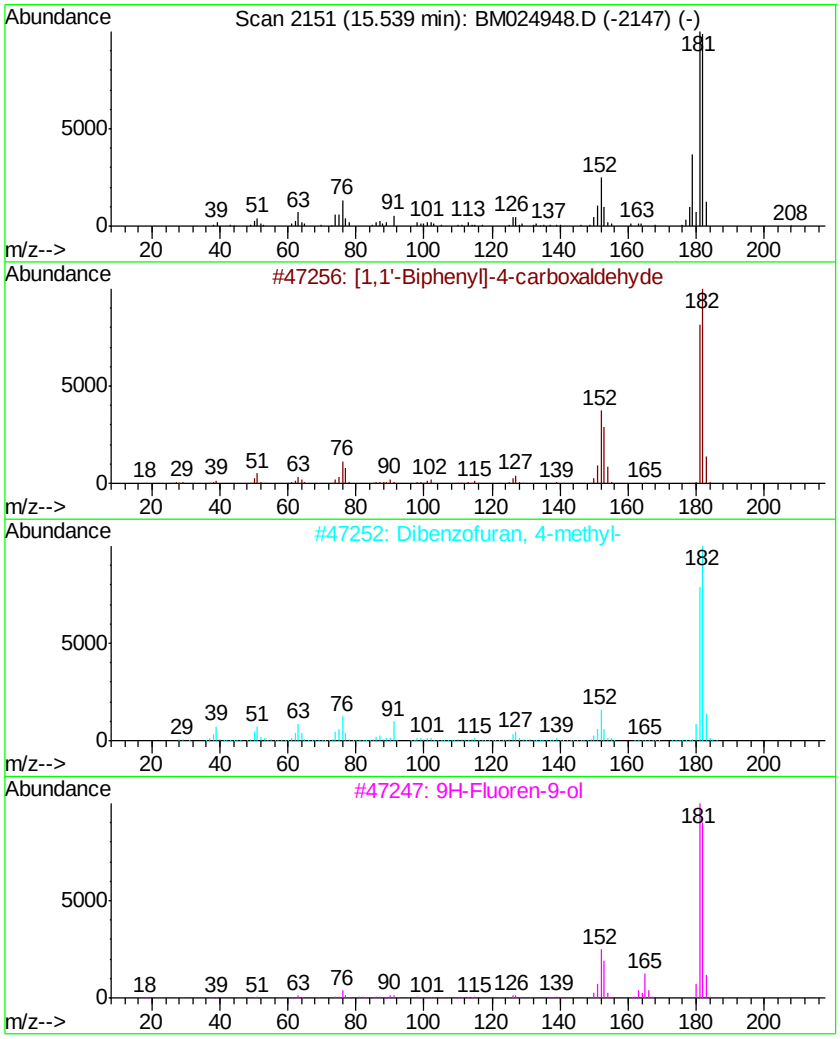
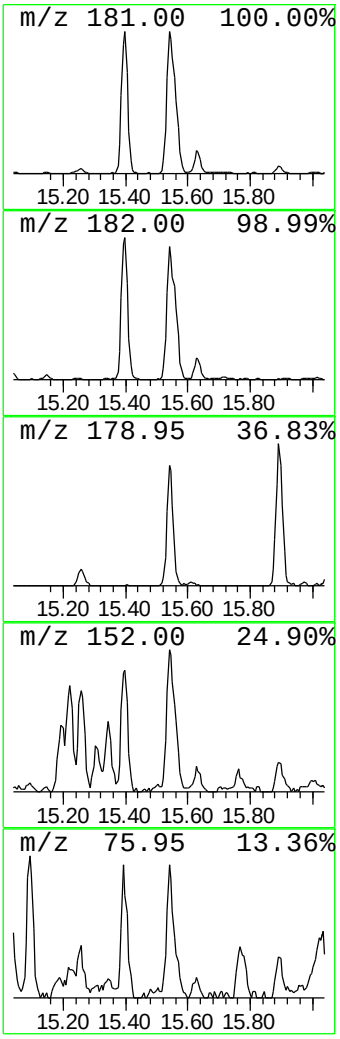
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.41 ng/ul	588431	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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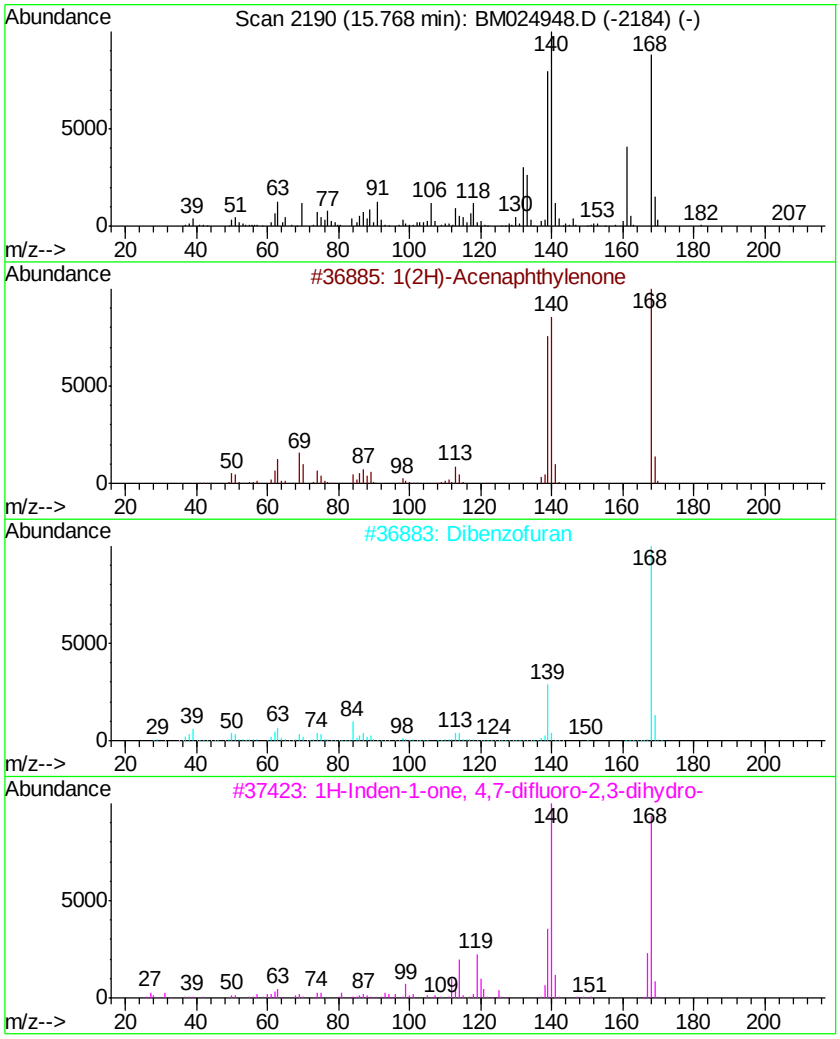
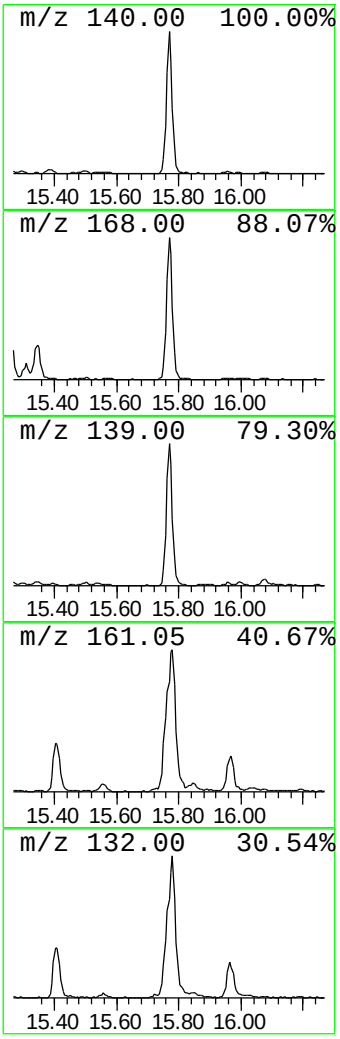
Peak Number 19 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.39 ng/ul	1319500	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	45
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	43
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	38
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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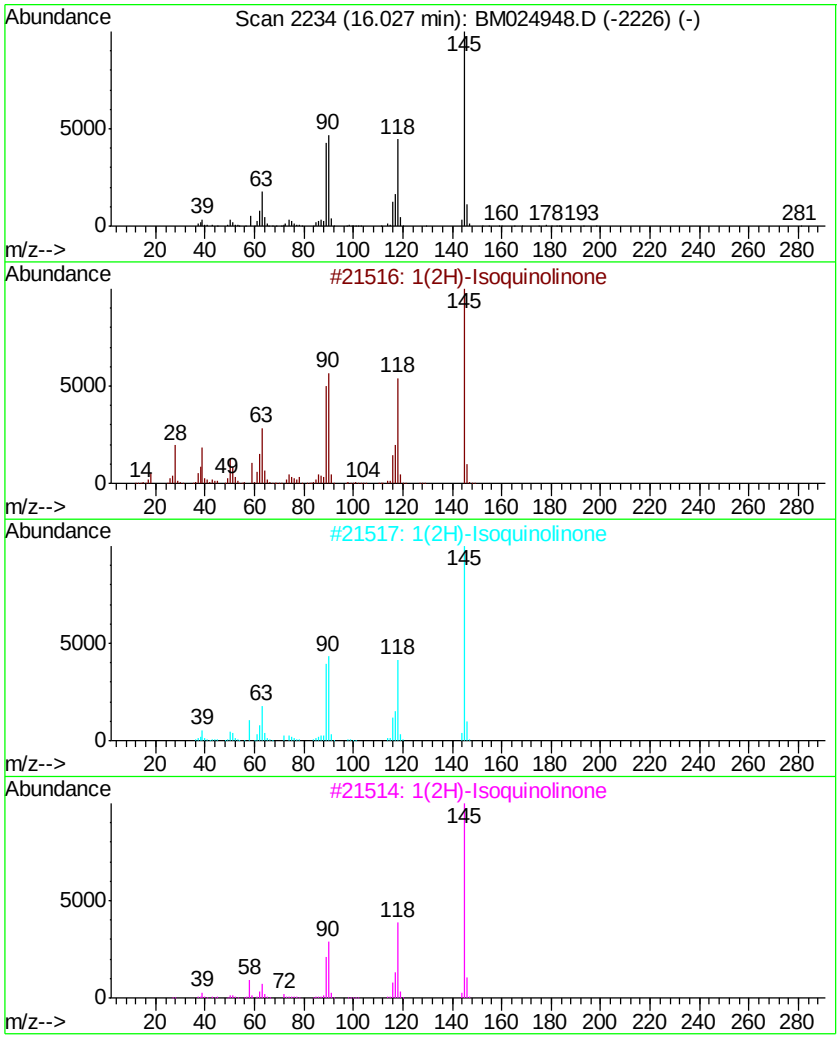
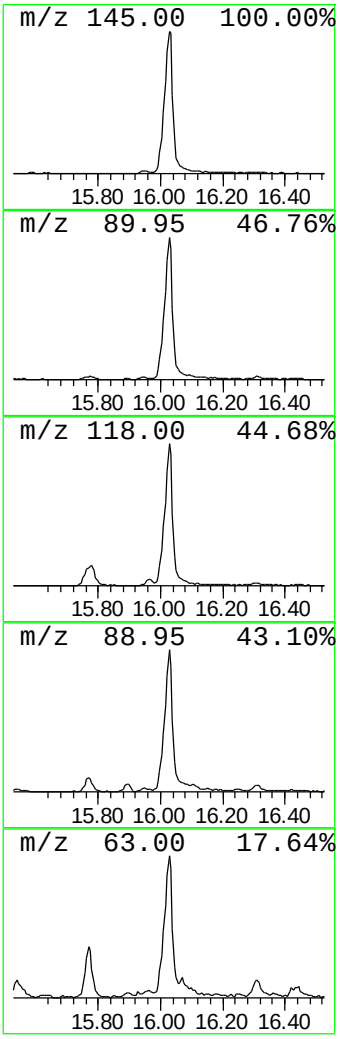
Peak Number 20 1(2H)-Isoquinolinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.95 ng/ul	1454720	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	96
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
3	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	94
4	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	78
5	3-Quinolinol	145	C9H7NO	000580-18-7	76





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Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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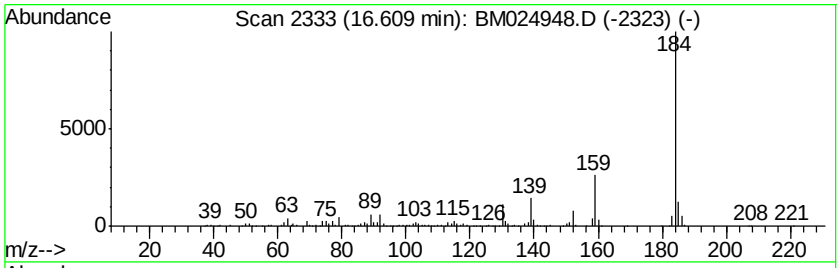
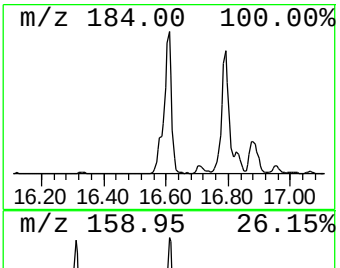
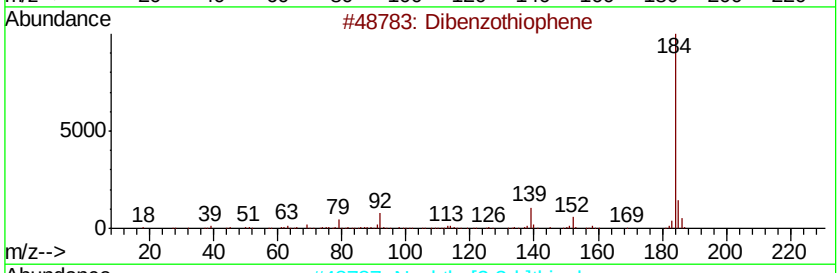
Peak Number 21 Dibenzothiophene Concentration Rank 8

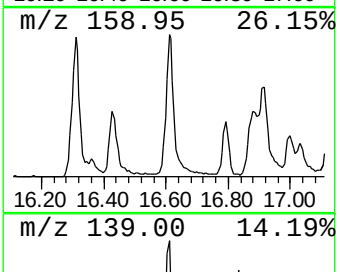
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	5.31 ng/ul	1299460	Phenanthrene-d10	16.79

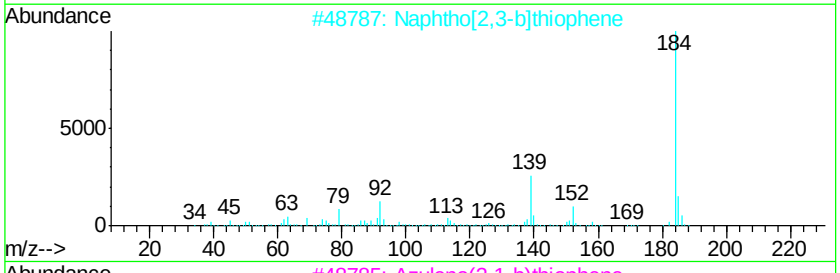
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	89
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Dibenzothiophene	184	C12H8S	000132-65-0	76

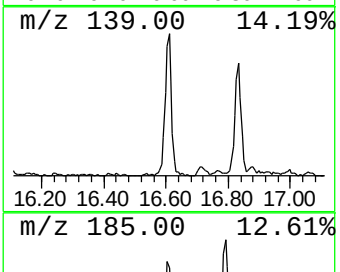


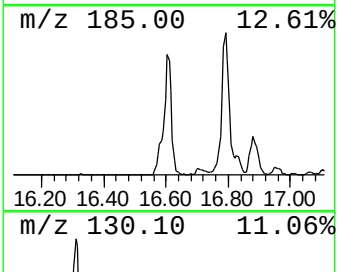


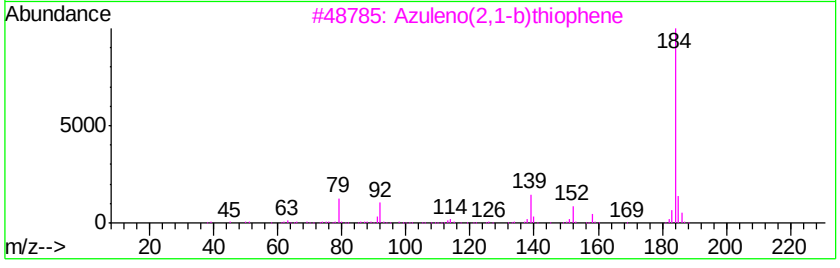


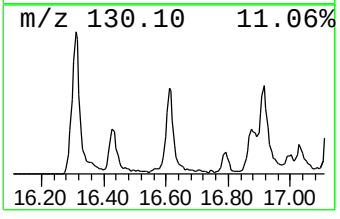












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Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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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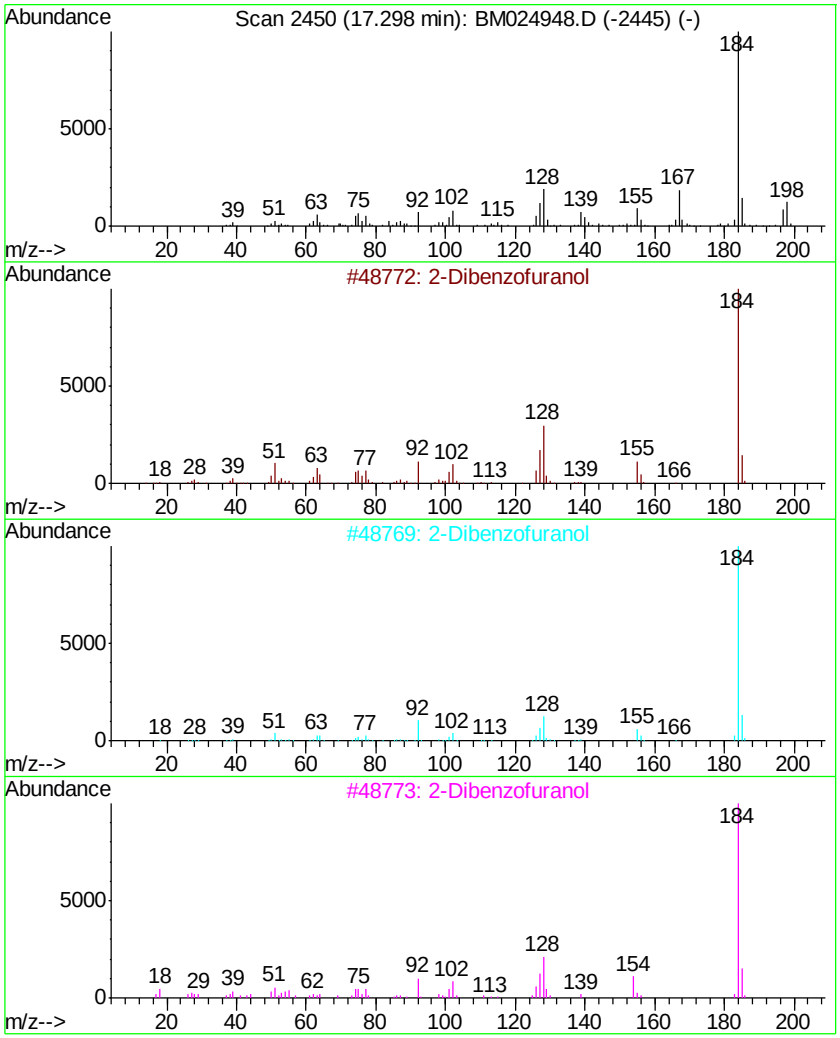
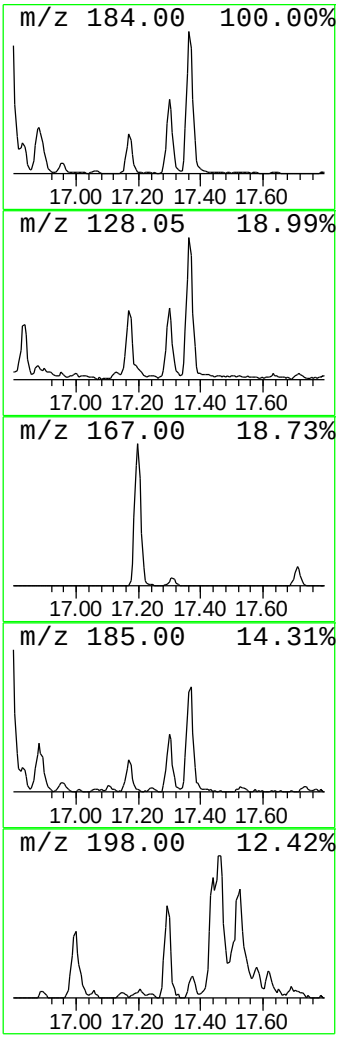
Peak Number 22 2-Dibenzofuranol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.05 ng/ul	501334	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	81
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	74





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Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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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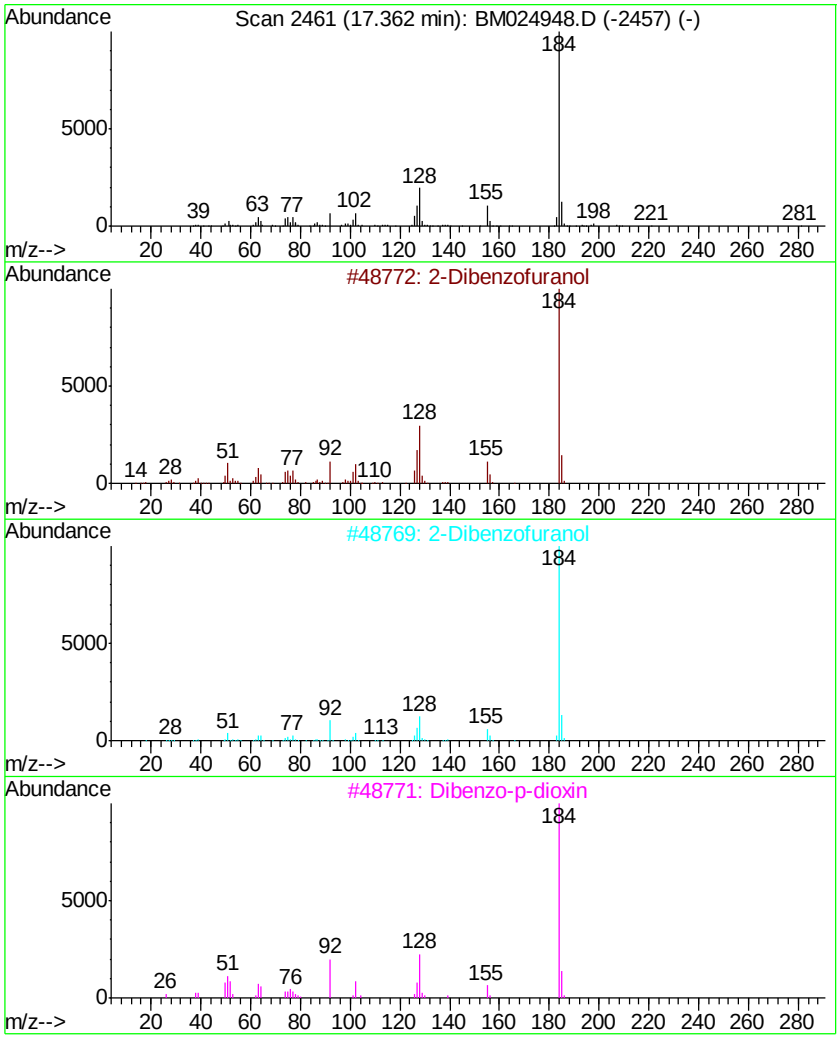
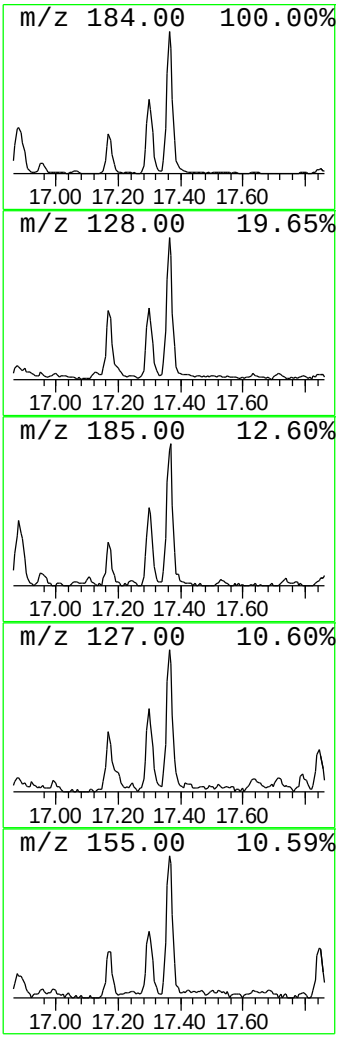
Peak Number 23 Dibenzo-p-dioxin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.42 ng/ul	591902	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	97
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	72
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	59





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Misc :
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Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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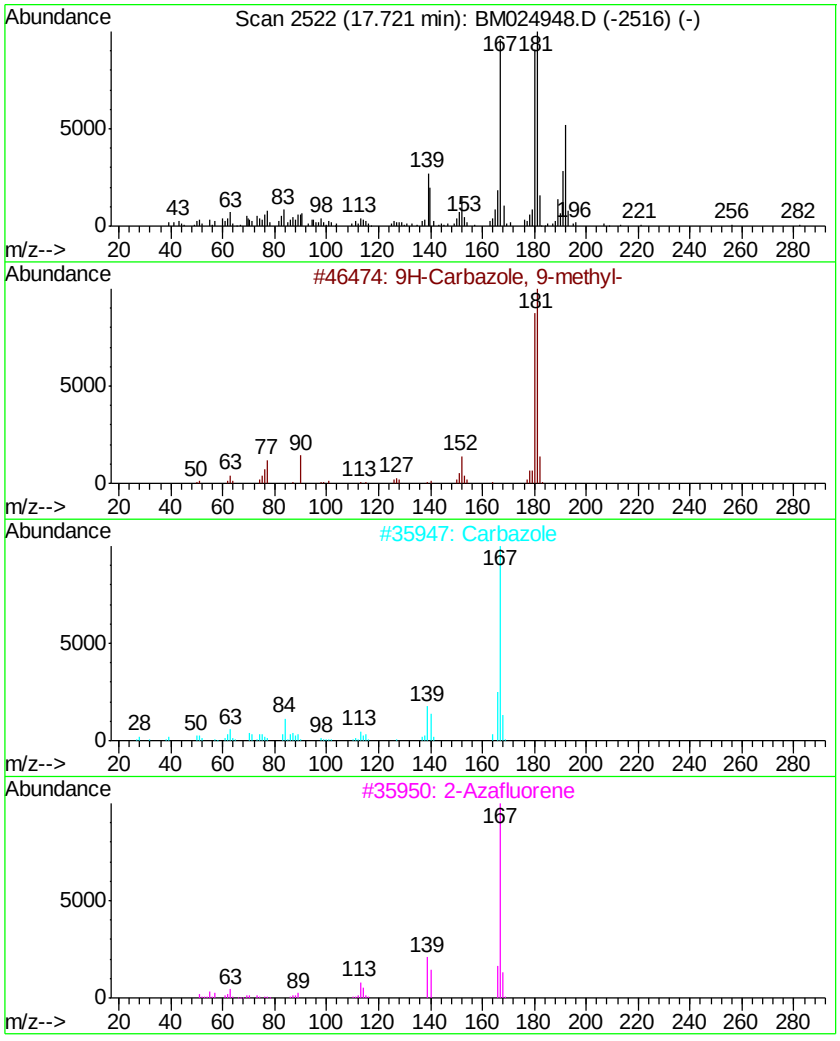
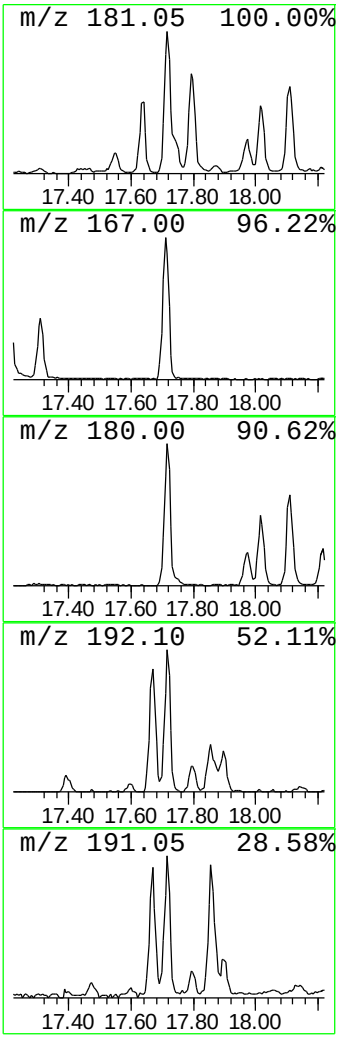
Peak Number 24 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	2.84 ng/ul	695516	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	48
2	Carbazole	167	C12H9N	000086-74-8	42
3	2-Azafluorene	167	C12H9N	000244-40-6	41
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	38
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	38





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Quant Title : SVOA CALIBRATION

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

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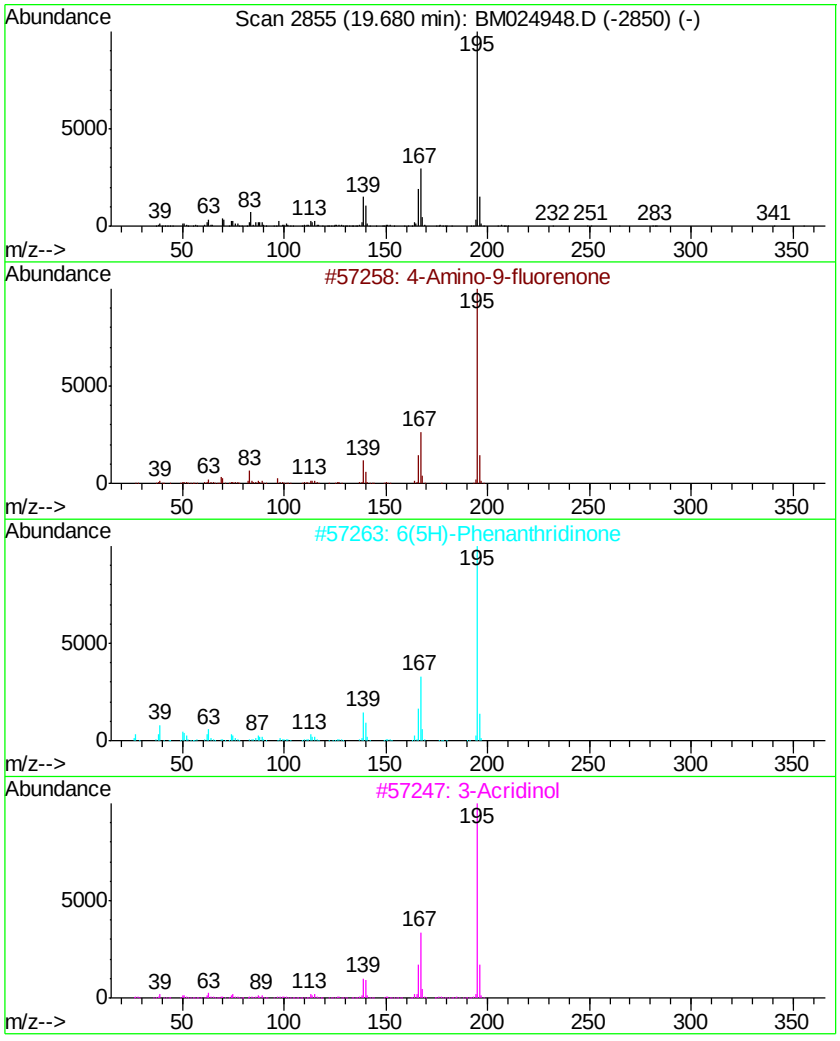
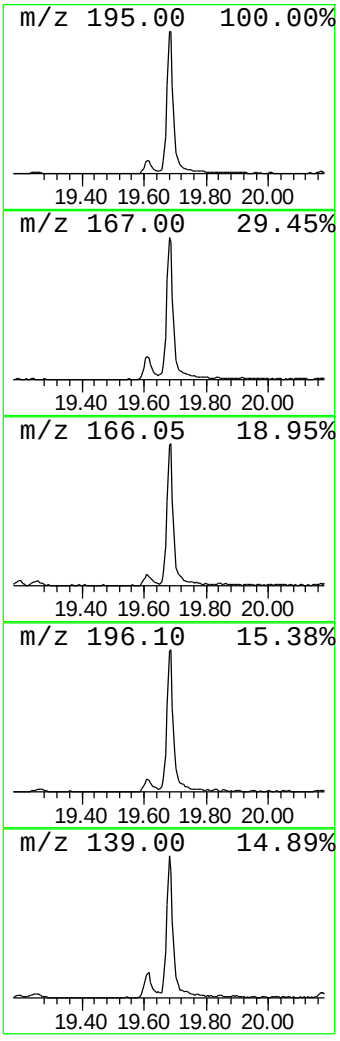
Peak Number 25 4-Amino-9-fluorenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.80 ng/ul	1089810	Chrysene-d12	21.00

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





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Quant Title : SVOA CALIBRATION

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

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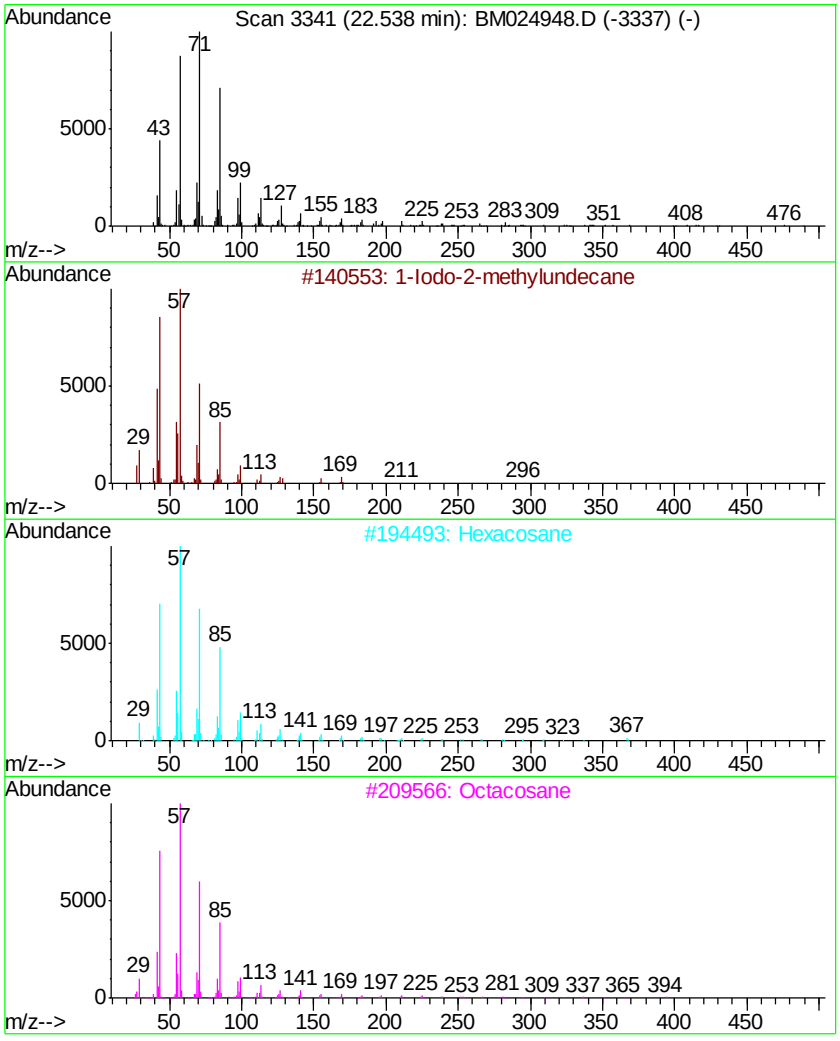
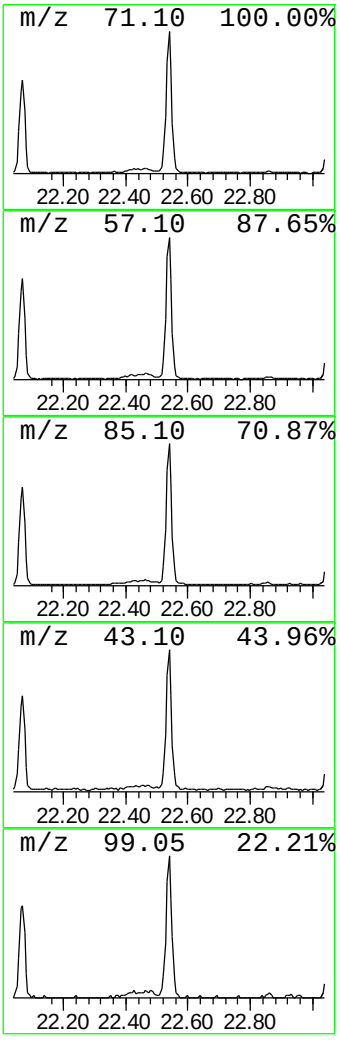
Peak Number 26 1-Iodo-2-methylundecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.43 ng/ul	681302	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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Quant Title : SVOA CALIBRATION

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

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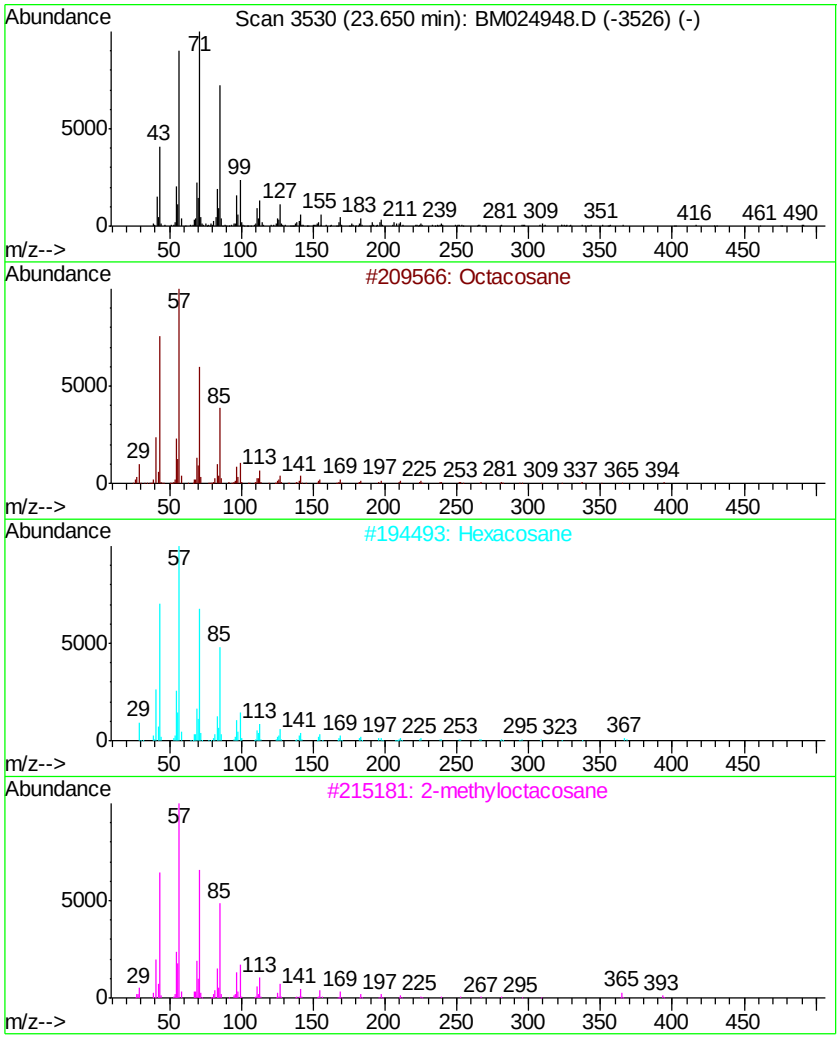
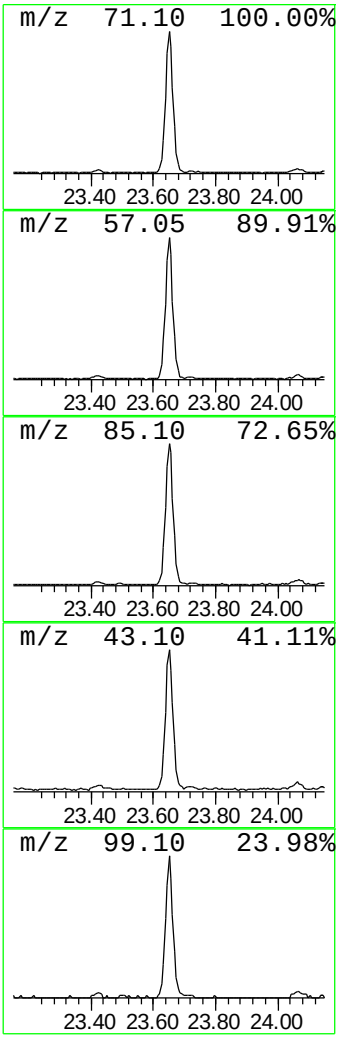
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	3.02 ng/ul	846365	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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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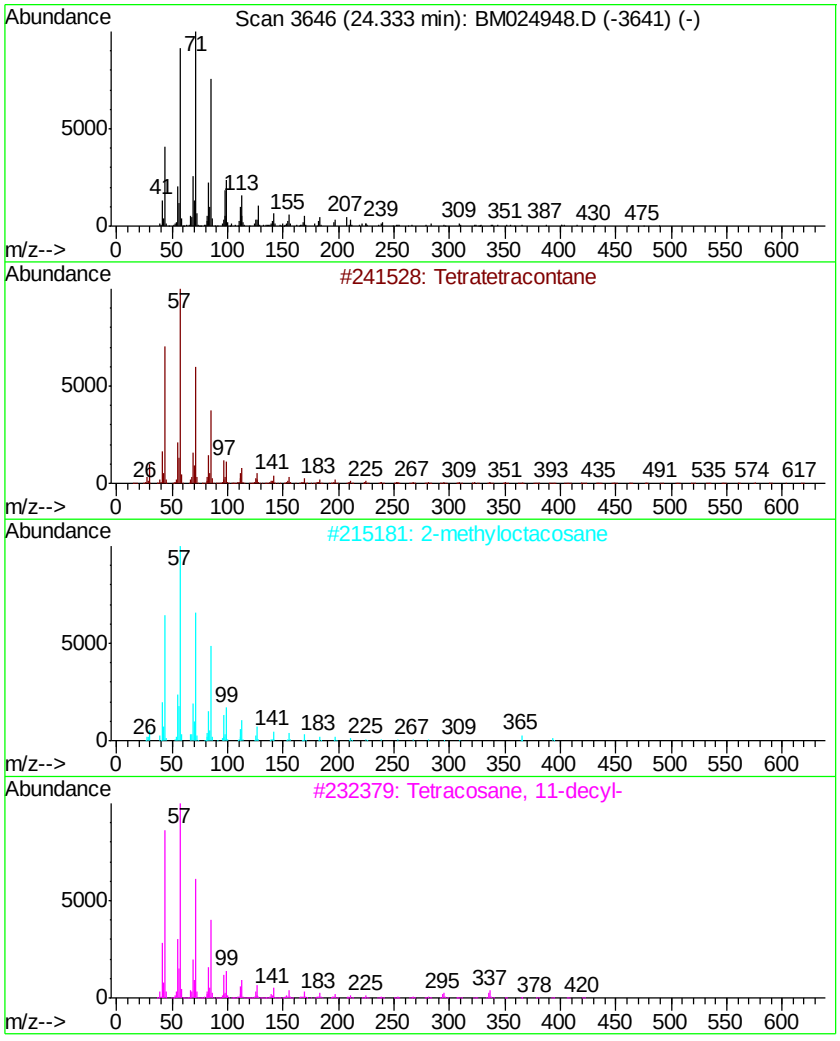
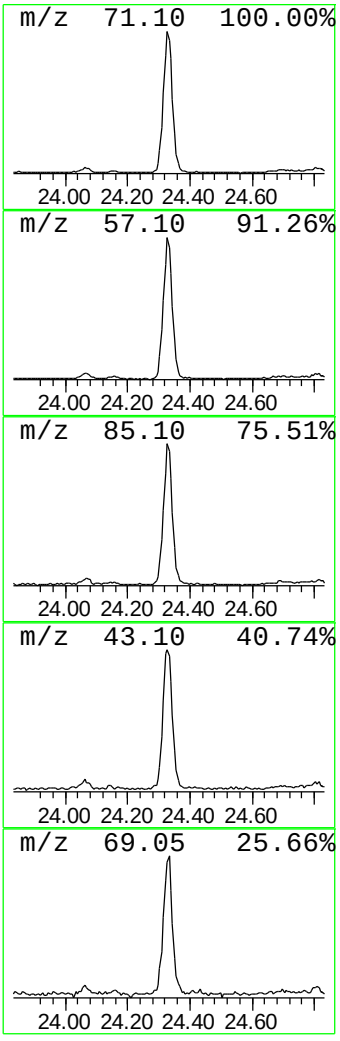
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.33	3.04 ng/ul	853122	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexacosane	366	C26H54	000630-01-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021920\
Data File : BM024948.D
Acq On : 19 Feb 2020 17:40
Operator : CG/JU
Sample : L1486-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCW6DL

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
.alpha.-Pinene	6.11	2.1	ng/ul	231902	1	7.39	2232750	20.0
Benzene, 1,2,4-tr...	7.05	2.3	ng/ul	253745	1	7.39	2232750	20.0
Indane	7.75	15.6	ng/ul	1745400	1	7.39	2232750	20.0
Indene	7.91	33.7	ng/ul	3766970	1	7.39	2232750	20.0
Benzofuran, 2-met...	8.85	4.2	ng/ul	595048	2	10.14	2806790	20.0
Benzene, 2-etheny...	9.56	3.7	ng/ul	522568	2	10.14	2806790	20.0
Benzo[b]thiophene	10.30	15.0	ng/ul	2101630	2	10.14	2806790	20.0
Benzo[b]thiophene...	11.93	2.6	ng/ul	364449	2	10.14	2806790	20.0
Naphthalene, 1-me...	12.04	39.1	ng/ul	5494720	2	10.14	2806790	20.0
Naphthalene, 2-et...	13.06	3.1	ng/ul	665804	3	14.03	4287280	20.0
Naphthalene, 2,7-...	13.19	2.2	ng/ul	462400	3	14.03	4287280	20.0
Naphthalene, 1,7-...	13.35	4.0	ng/ul	868198	3	14.03	4287280	20.0
Naphthalene, 2,6-...	13.40	2.3	ng/ul	486325	3	14.03	4287280	20.0
2-Naphthalenecarb...	14.17	8.2	ng/ul	1763640	3	14.03	4287280	20.0
1-Isopropenylnaph...	14.35	2.3	ng/ul	487173	3	14.03	4287280	20.0
unknown-01	15.26	2.2	ng/ul	481219	3	14.03	4287280	20.0
[1,1'-Biphenyl]-4...	15.40	2.6	ng/ul	556214	3	14.03	4287280	20.0
Dibenzofuran, 4-m...	15.54	2.4	ng/ul	588431	4	16.79	4891730	20.0
1(2H)-Acenaphthyl...	15.77	5.4	ng/ul	1319500	4	16.79	4891730	20.0
1(2H)-Isoquinolinone	16.03	6.0	ng/ul	1454720	4	16.79	4891730	20.0
Dibenzothiophene	16.61	5.3	ng/ul	1299460	4	16.79	4891730	20.0
2-Dibenzofuranol	17.30	2.0	ng/ul	501334	4	16.79	4891730	20.0
Dibenzo-p-dioxin	17.36	2.4	ng/ul	591902	4	16.79	4891730	20.0
unknown-02	17.72	2.8	ng/ul	695516	4	16.79	4891730	20.0
4-Amino-9-fluorenone	19.68	3.8	ng/ul	1089810	5	21.00	5732720	20.0
1-Iodo-2-methylun...	22.54	2.4	ng/ul	681302	6	23.10	5605510	20.0
(DEL) Alkane: Str...	23.65	3.0	ng/ul	846365	6	23.10	5605510	20.0
(DEL) Alkane: Str...	24.33	3.0	ng/ul	853122	6	23.10	5605510	20.0