LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

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-BM070819MA.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	5.251	379	385	393	rVB	842709	1217588	0.77%	0.233%
2	5.381	401	407	409	rBV	1034101	1701735	1.07%	0.325%
3	5.745	461	469	477	rVB	1626861	2563755	1.62%	0.490%
4	6.804	644	649	654	rBV	245625	360702	0.23%	0.069%
5	6.863	654	659	662	rVV	606993	898206	0.57%	0.172%
6	6.892	662	664	668	rVV	236487	353791	0.22%	0.068%
7	6.939	668	672	684	rVB	630930	945499	0.60%	0.181%
8	7.063	688	693	697	rBV	658291	1081022	0.68%	0.206%
9	7.098	697	699	704	rVV	377848	518994	0.33%	0.099%
10	7.251	719	725	732	rBV	824348	1295331	0.82%	0.247%
11	7.357	737	743	751	rVV	2812442	4387172	2.77%	0.838%
12	7.439	751	757	768	rVB	1139591	1798251	1.13%	0.343%
13	7.716	798	804	814	rBV	680068	1140179	0.72%	0.218%
14	7.822	816	822	830	rVV	839880	1365863	0.86%	0.261%
15	8.086	859	867	875	rBV	13126474	22036761	13.89%	4.209%
16	8.263	888	897	904	rVV	19947929	35407725	22.32%	6.763%
17	8.339	905	910	916	rVV	263457	404391	0.25%	0.077%
18	8.428	919	925	934	rVB2	676092	1133946	0.71%	0.217%
19	8.804	983	989	995	rVV2	657288	1055620	0.67%	0.202%
20	8.886	996	1003	1014	rVB	2253223	3610938	2.28%	0.690%
21	9.063	1024	1033	1040	rVB	2045640	3223144	2.03%	0.616%
22	9.186	1040	1054	1060	rBV	3979582	8380561	5.28%	1.601%
23	9.251	1060	1065	1072	rVV	1067909	1727956	1.09%	0.330%
24	9.327	1072	1078	1083	rVV	382800	603263	0.38%	0.115%
25	9.386	1083	1088	1094	rVB	486385	742531	0.47%	0.142%
26	9.598	1118	1124	1134	rVB	745690	1361789	0.86%	0.260%
27	9.745	1143	1149	1157	rBV	1300831	2070446	1.31%	0.395%
28	9.898	1166	1175	1186	rBV3	1883931	4517830	2.85%	0.863%
29	9.998	1186	1192	1197	rBV	585194	1062798	0.67%	0.203%
30	10.133	1209	1215	1224	rBV2	2030726	3767655	2.37%	0.720%
31	10.622	1268	1298	1302	rBV2	38961504	158647493	100.00%	30.303%
32	10.704	1302	1312	1317	rVV	13565650	23358635	14.72%	4.462%
33	10.916	1343	1348	1354	rVB2	346662	609653	0.38%	0.116%
34	11.410	1426	1432	1445	rVB2	164480	335130	0.21%	0.064%

LSC Area Percent Report

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Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

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-BM070819MA.M
Title : SVOA CALIBRATION

35	11.616	1458	1467	1476	rVV2	425229	960448	0.61%	0.183%
36	12.063	1536	1543	1551	rVV	1171146	1986534	1.25%	0.379%
37	12.174	1554	1562	1568	rVV	7485365	12364354	7.79%	2.362%
38	12.292	1576	1582	1587	rVV	646177	1198506	0.76%	0.229%
39	12.392	1587	1599	1607	rVB	8409368	14811528	9.34%	2.829%
40	13.192	1726	1735	1741	rBV	8241451	12189881	7.68%	2.328%
41	13.333	1753	1759	1763	rBV	274244	450166	0.28%	0.086%
42	13.386	1763	1768	1780	rVB	1203886	2378973	1.50%	0.454%
43	13.515	1780	1790	1791	rBV3	1267025	1839060	1.16%	0.351%
44	13.674	1810	1817	1823	rVV	2065620	3810054	2.40%	0.728%
45	13.733	1823	1827	1830	rVV	971730	1445886	0.91%	0.276%
46	13.780	1830	1835	1840	rVV	1948415	2924579	1.84%	0.559%
47	13.915	1850	1858	1861	rBV	763915	1137958	0.72%	0.217%
48	13.945	1861	1863	1869	rVB	319318	428373	0.27%	0.082%
49	14.057	1875	1882	1885	rBV	2367479	3991414	2.52%	0.762%
50	14.362	1923	1934	1939	rBV3	1247718	2785729	1.76%	0.532%
51	14.439	1939	1947	1953	rVV	20941054	33047245	20.83%	6.312%
52	14.504	1953	1958	1962	rVV	233739	360730	0.23%	0.069%
53	14.674	1978	1987	1992	rBV2	397835	705793	0.44%	0.135%
54	14.768	1996	2003	2011	rVB	13460082	20583287	12.97%	3.932%
55	14.874	2016	2021	2029	rVB	542055	940304	0.59%	0.180%
56	14.968	2029	2037	2045	rBV4	208516	636346	0.40%	0.122%
57	15.362	2098	2104	2108	rVB	2695997	3848058	2.43%	0.735%
58	15.421	2108	2114	2121	rVB	8892446	12486688	7.87%	2.385%
59	15.498	2121	2127	2131	rBV2	887536	1368208	0.86%	0.261%
60	15.539	2131	2134	2137	rVV2	328570	428863	0.27%	0.082%
61	15.574	2137	2140	2145	rVV	507110	669241	0.42%	0.128%
62	15.662	2151	2155	2159	rVV	314396	430886	0.27%	0.082%
63	15.709	2159	2163	2167	rVV2	803158	1105356	0.70%	0.211%
64	15.821	2177	2182	2184	rBV	367164	504668	0.32%	0.096%
65	15.856	2184	2188	2195	rVB2	851816	1635672	1.03%	0.312%
66	15.939	2196	2202	2208	rVB2	220146	410225	0.26%	0.078%
67	16.104	2224	2230	2239	rBV3	1102773	2335259	1.47%	0.446%
68	16.209	2243	2248	2256	rVV2	212620	370137	0.23%	0.071%
69	16.304	2256	2264	2268	rVV2	228962	449572	0.28%	0.086%
70	16.392	2273	2279	2288	rVV5	437045	1256614	0.79%	0.240%
71	16.662	2315	2325	2332	rBV4	211140	527066	0.33%	0.101%

LSC Area Percent Report

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Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

72	16.774	2338	2344	2353	rBV2	504091	907237	0.57%	0.173%
73	16.933	2366	2371	2376	rVB	1254914	1667952	1.05%	0.319%
74	17.027	2381	2387	2392	rBV	850938	1316654	0.83%	0.251%
75	17.115	2398	2402	2405	rBV	1311805	1823735	1.15%	0.348%
76	17.162	2405	2410	2415	rVB	14276910	20466038	12.90%	3.909%
77	17.215	2415	2419	2423	rBV	3204102	4323325	2.73%	0.826%
78	17.321	2432	2437	2447	rVB3	247753	445534	0.28%	0.085%
79	17.492	2459	2466	2467	rBV	255871	387089	0.24%	0.074%
80	17.533	2467	2473	2478	rVV	10247791	14613632	9.21%	2.791%
81	17.639	2485	2491	2493	rBV2	179415	366234	0.23%	0.070%
82	17.986	2547	2550	2552	rVV	303737	427732	0.27%	0.082%
83	18.039	2552	2559	2568	rVB2	1247463	2198411	1.39%	0.420%
84	18.186	2578	2584	2588	rBV	719103	1075803	0.68%	0.205%
85	18.297	2596	2603	2607	rBV2	331066	600011	0.38%	0.115%
86	18.345	2607	2611	2615	rBV	393416	509411	0.32%	0.097%
87	18.433	2621	2626	2632	rVV	376150	589228	0.37%	0.113%
88	19.174	2739	2752	2759	rVB	1757193	2401009	1.51%	0.459%
89	19.286	2765	2771	2781	rVB2	203562	403423	0.25%	0.077%
90	19.509	2800	2809	2813	rBV	3532804	5480247	3.45%	1.047%
91	19.927	2875	2880	2882	rBV	441643	587202	0.37%	0.112%
92	19.956	2882	2885	2889	rVV	702752	1097660	0.69%	0.210%
93	20.021	2889	2896	2912	rVB	3312074	6197102	3.91%	1.184%
94	20.527	2979	2982	2990	rVB	263751	401241	0.25%	0.077%
95	20.615	2992	2997	3001	rVV2	664899	1225201	0.77%	0.234%
96	20.656	3001	3004	3016	rVB	599804	936252	0.59%	0.179%
97	21.303	3109	3114	3119	rBV	1932476	2462840	1.55%	0.470%
98	21.797	3194	3198	3207	rBV	420275	598764	0.38%	0.114%
99	23.415	3466	3473	3485	rVB	2845095	5134120	3.24%	0.981%
100	23.556	3491	3497	3508	rVB	1304127	2408166	1.52%	0.460%

Sum of corrected areas: 523541267

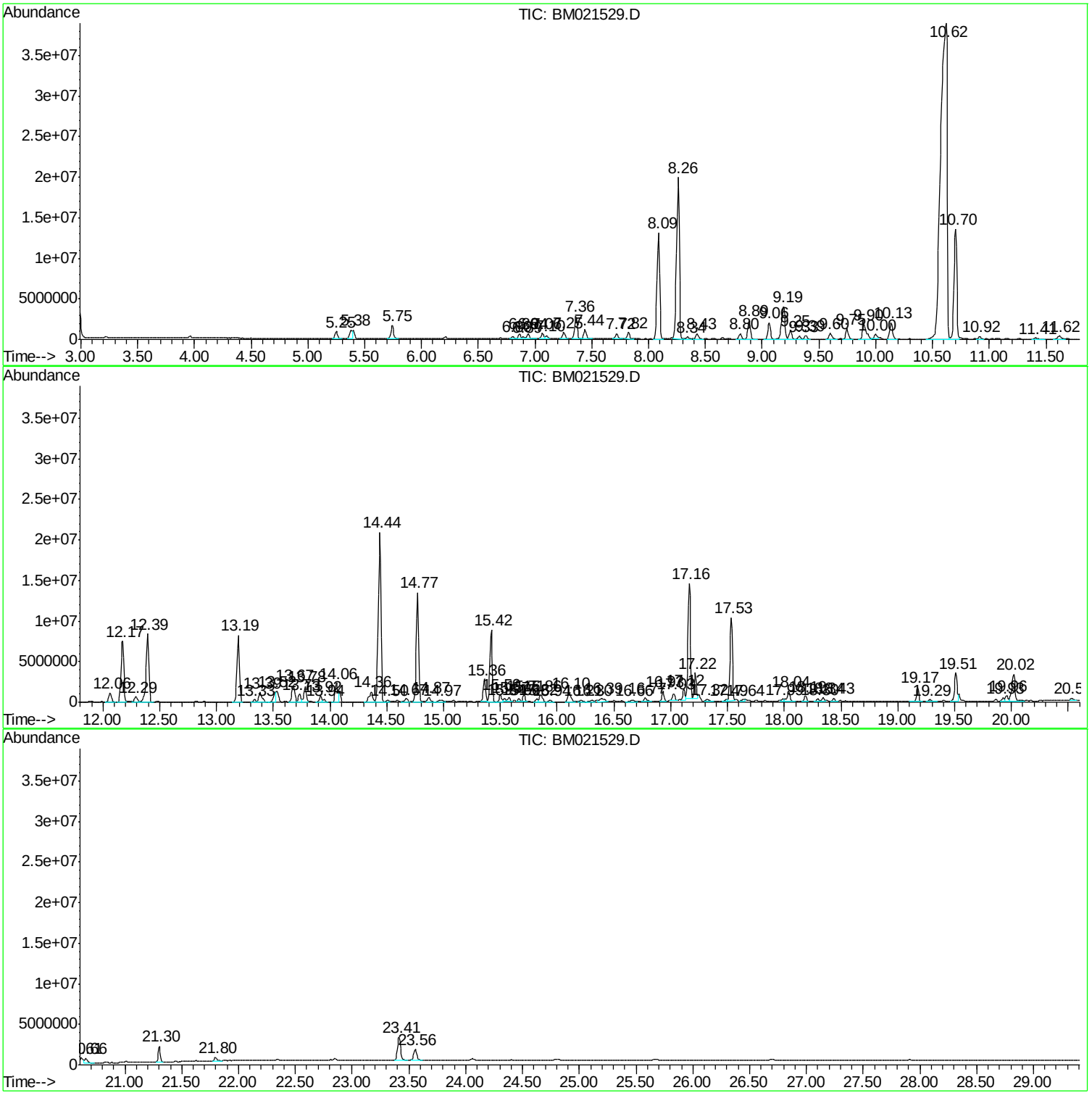
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

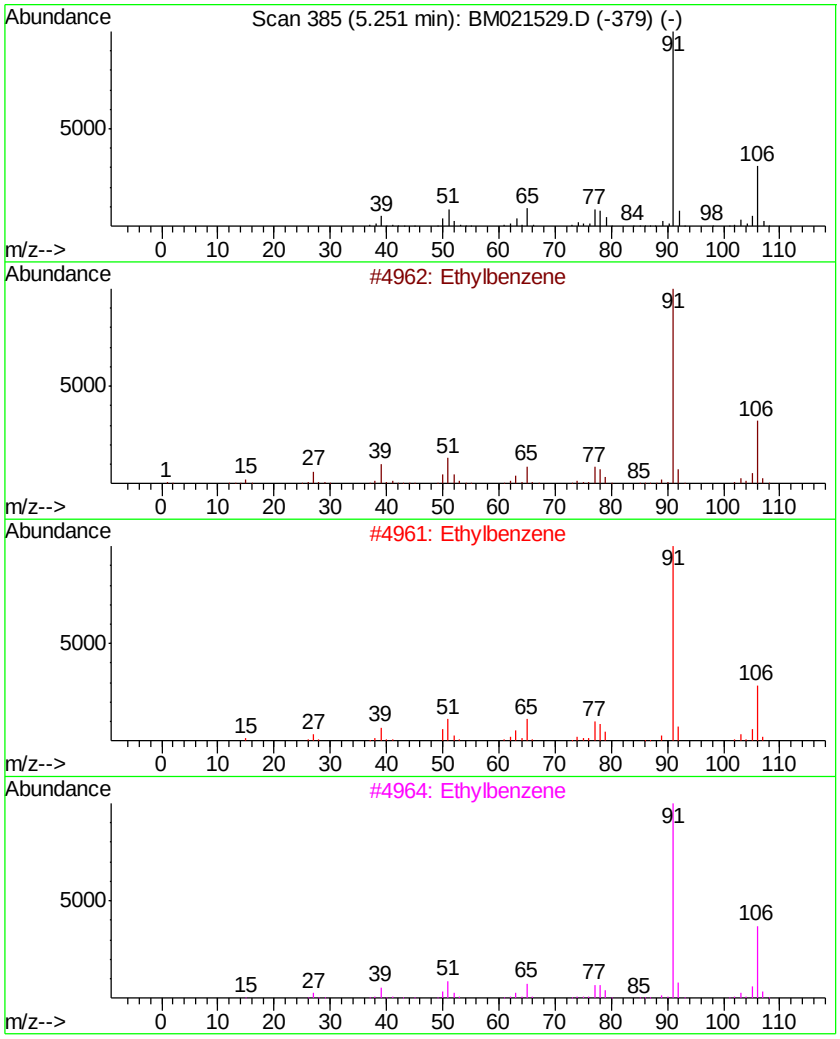
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

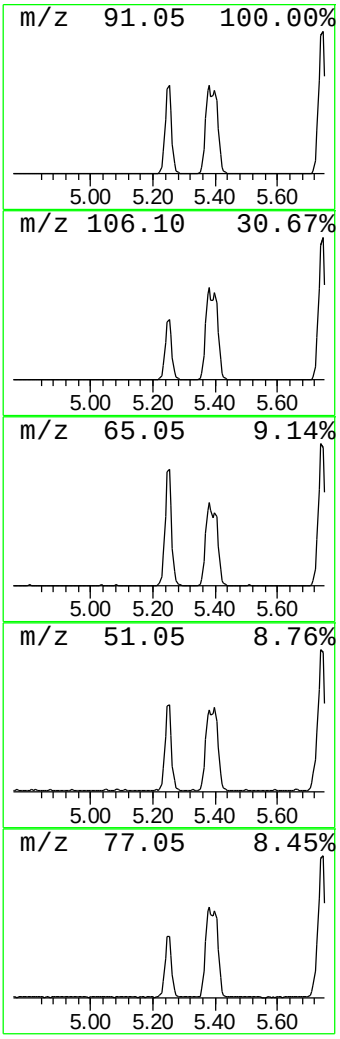
****

Peak Number 1 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	21.36 ng/ul	1217590	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	o-Xylene	106	C8H10	000095-47-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

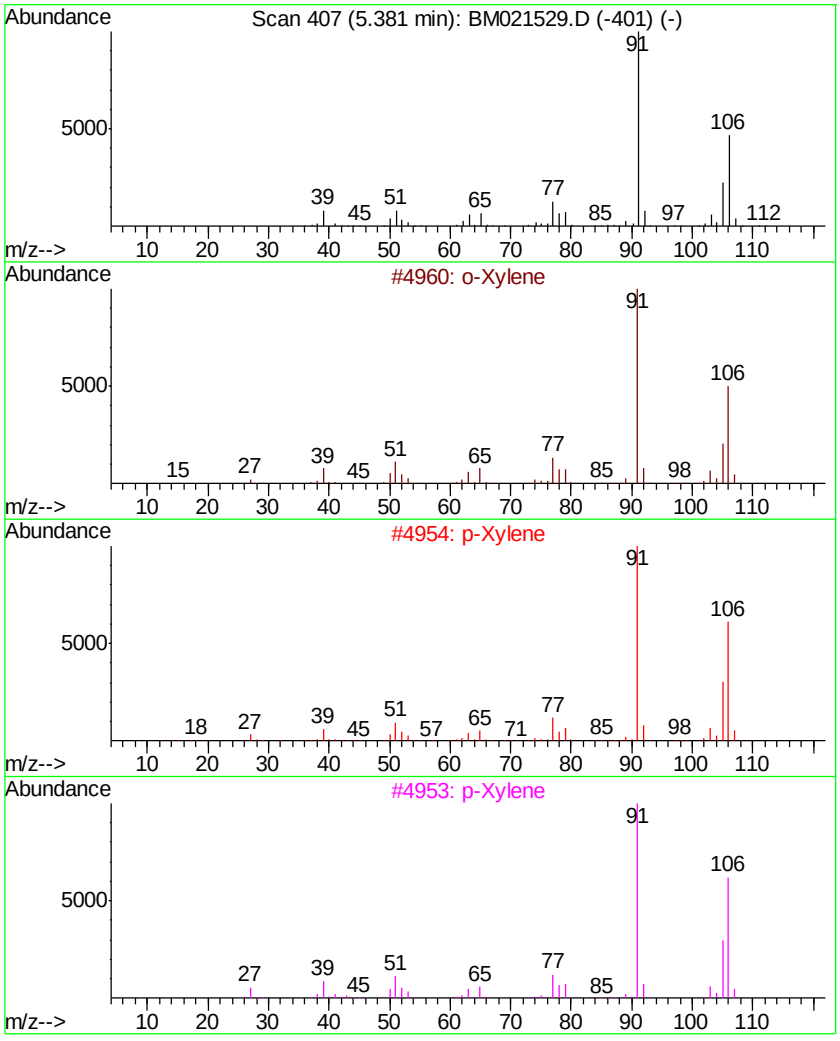
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

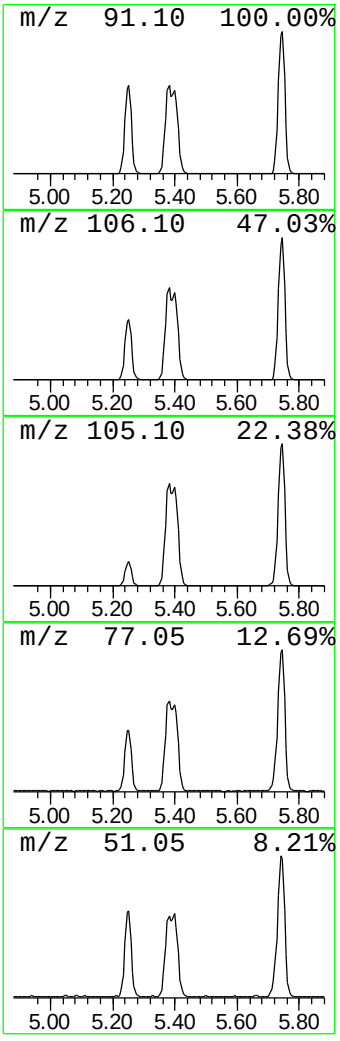
****

Peak Number 2 o-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	29.85 ng/ul	1701740	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
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Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

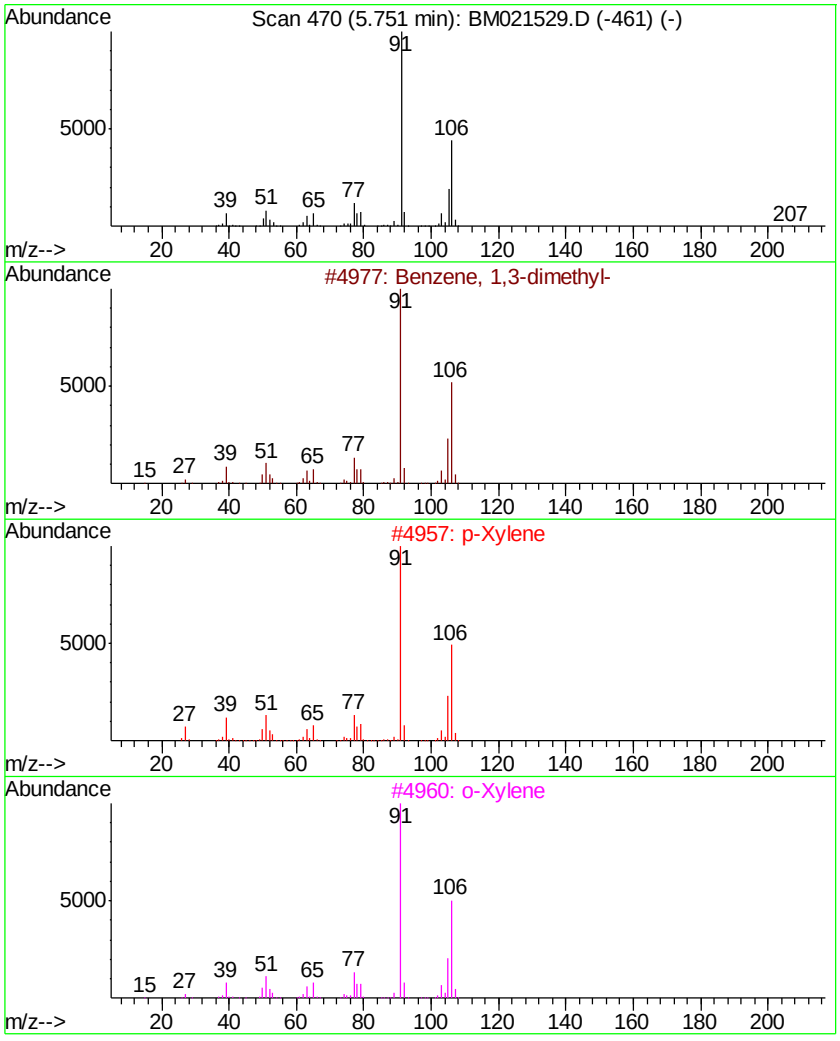
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

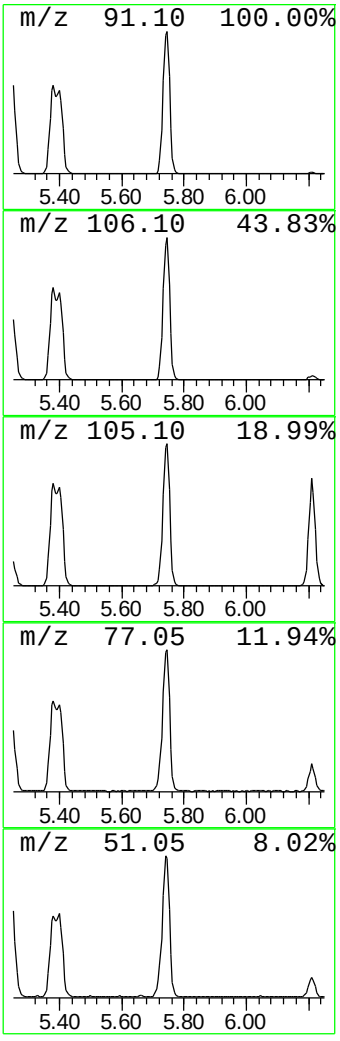
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	44.97 ng/ul	2563760	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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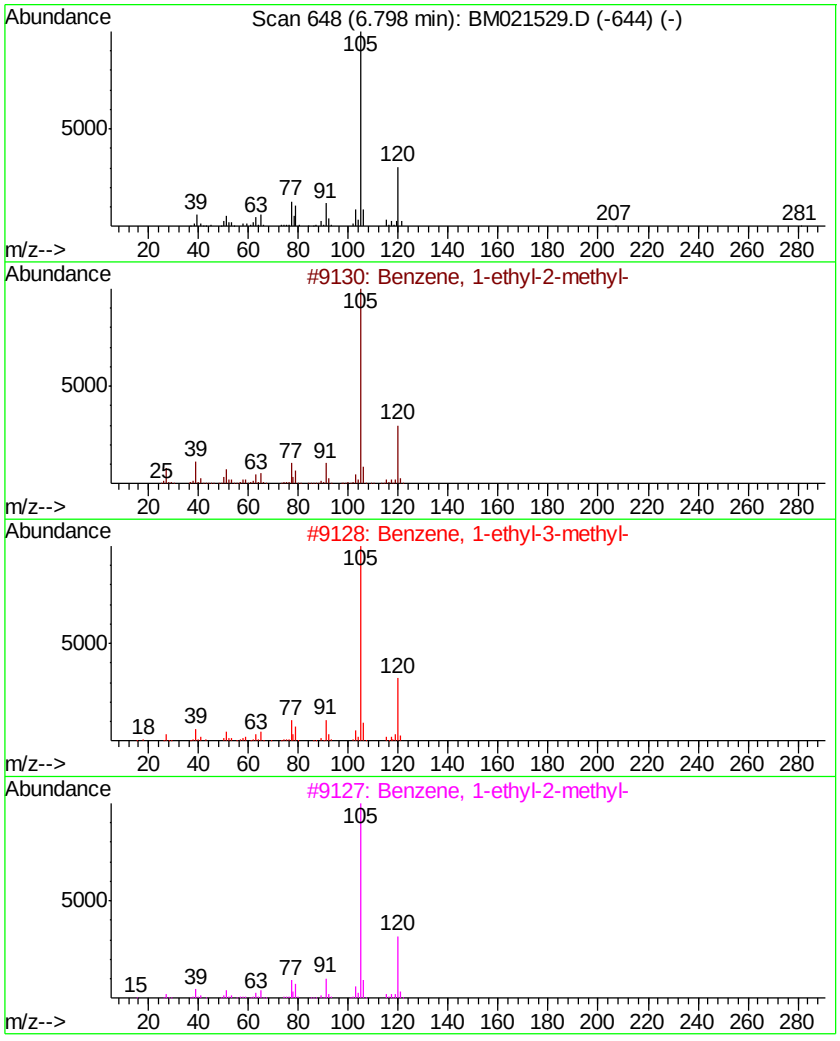
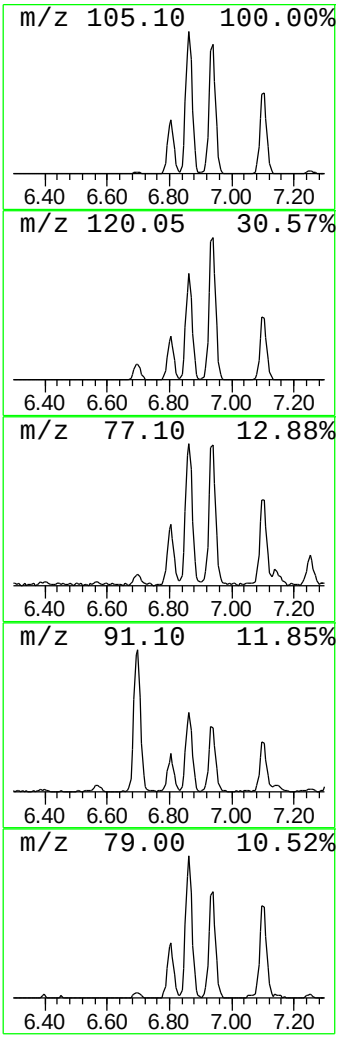
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	6.33 ng/ul	360702	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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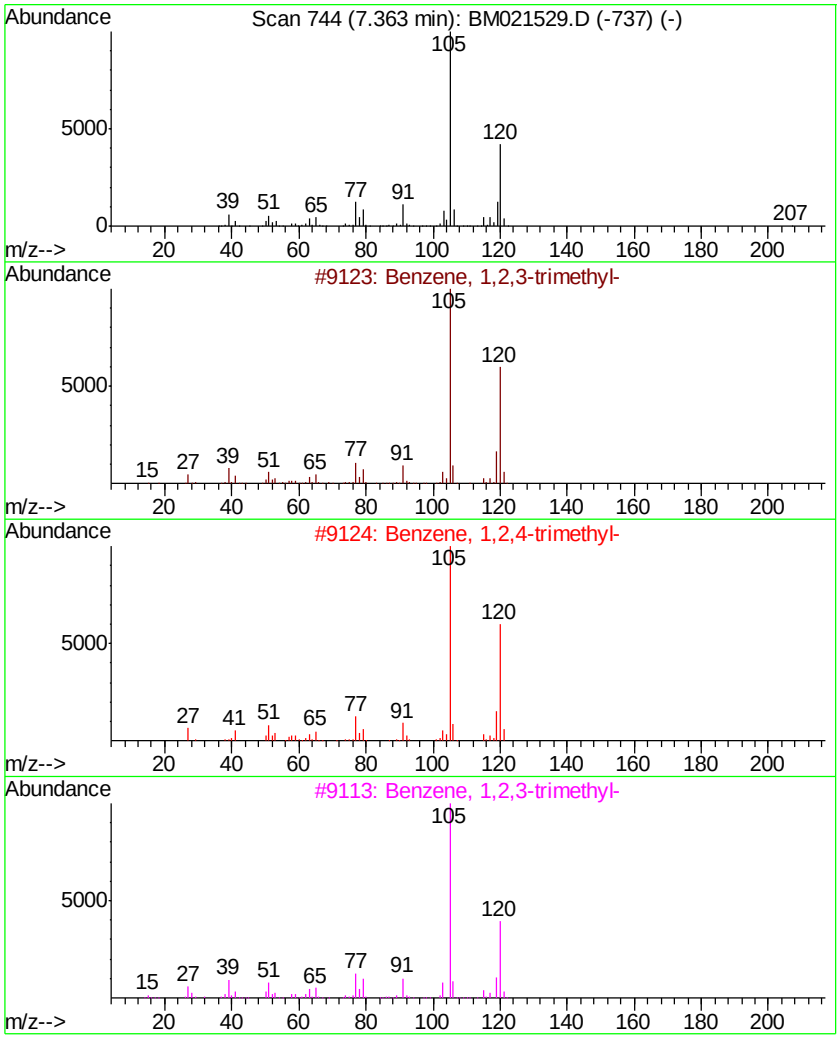
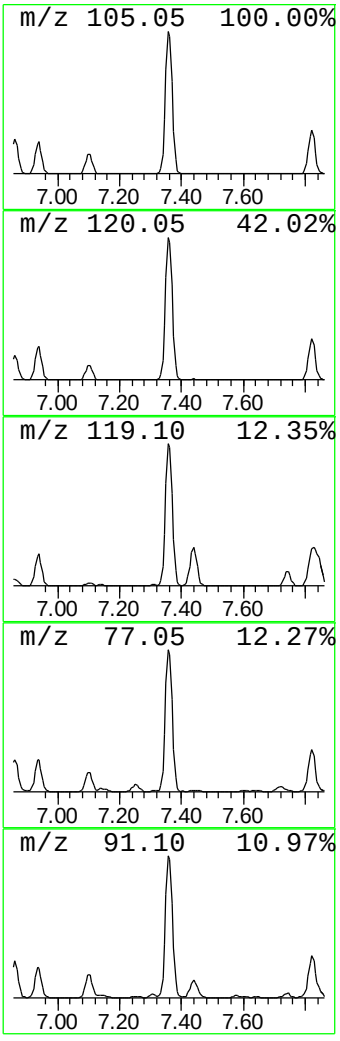
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	76.96 ng/ul	4387170	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Operator : HP/JU
Sample : K3822-10
Misc :
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Instrument : BNA_M
ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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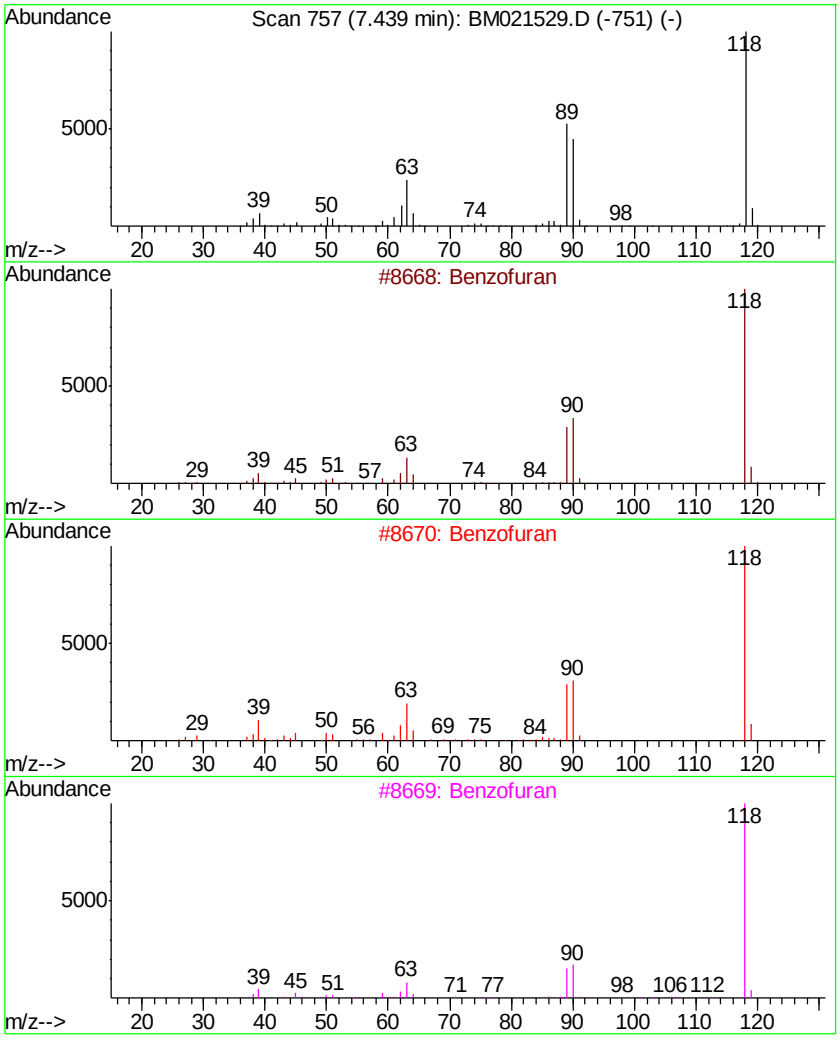
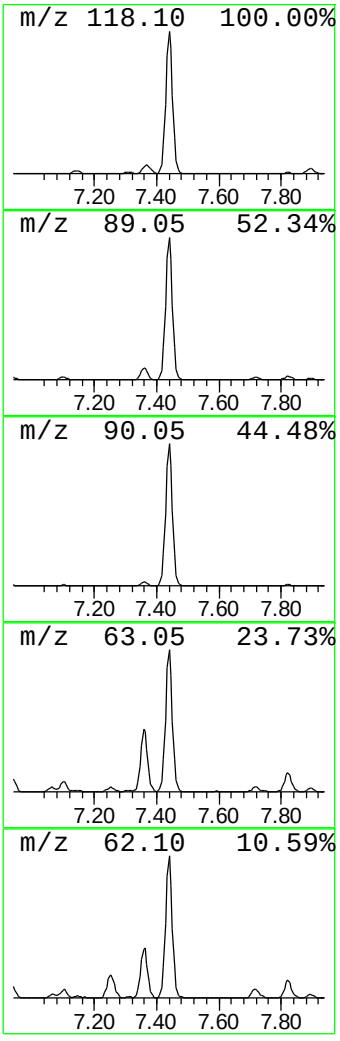
Peak Number 6 Benzofuran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	31.54 ng/ul	1798250	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	74
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	45





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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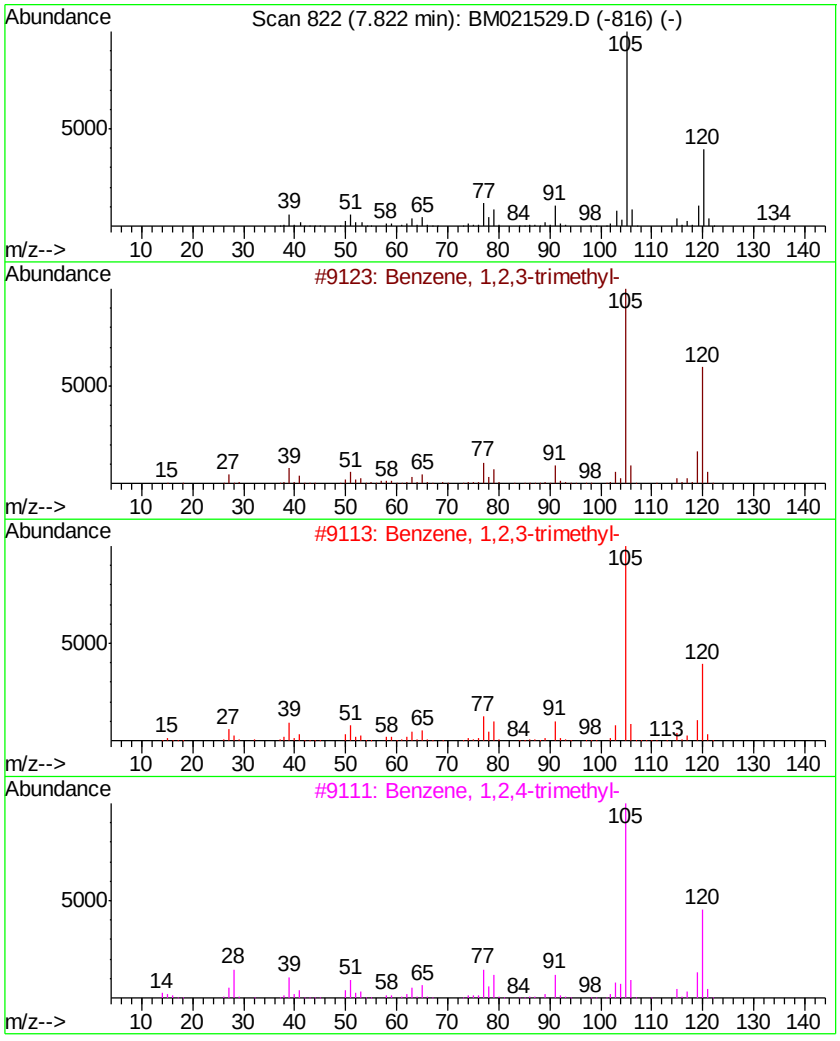
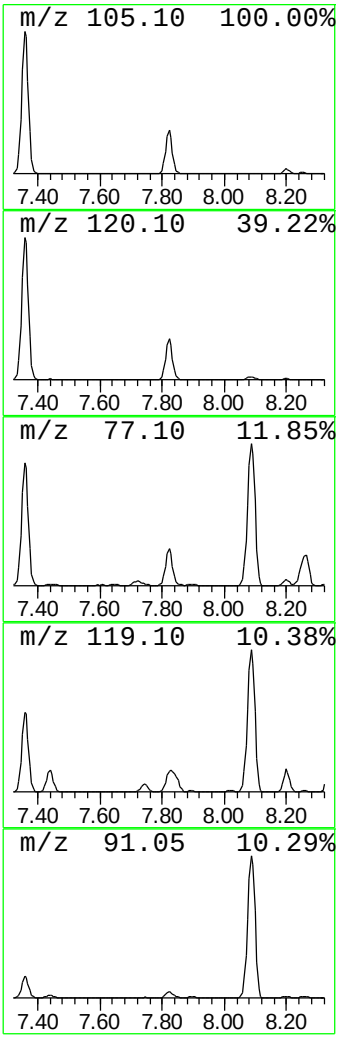
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	23.96 ng/ul	1365860	1,4-Dichlorobenzene-d4	7.72

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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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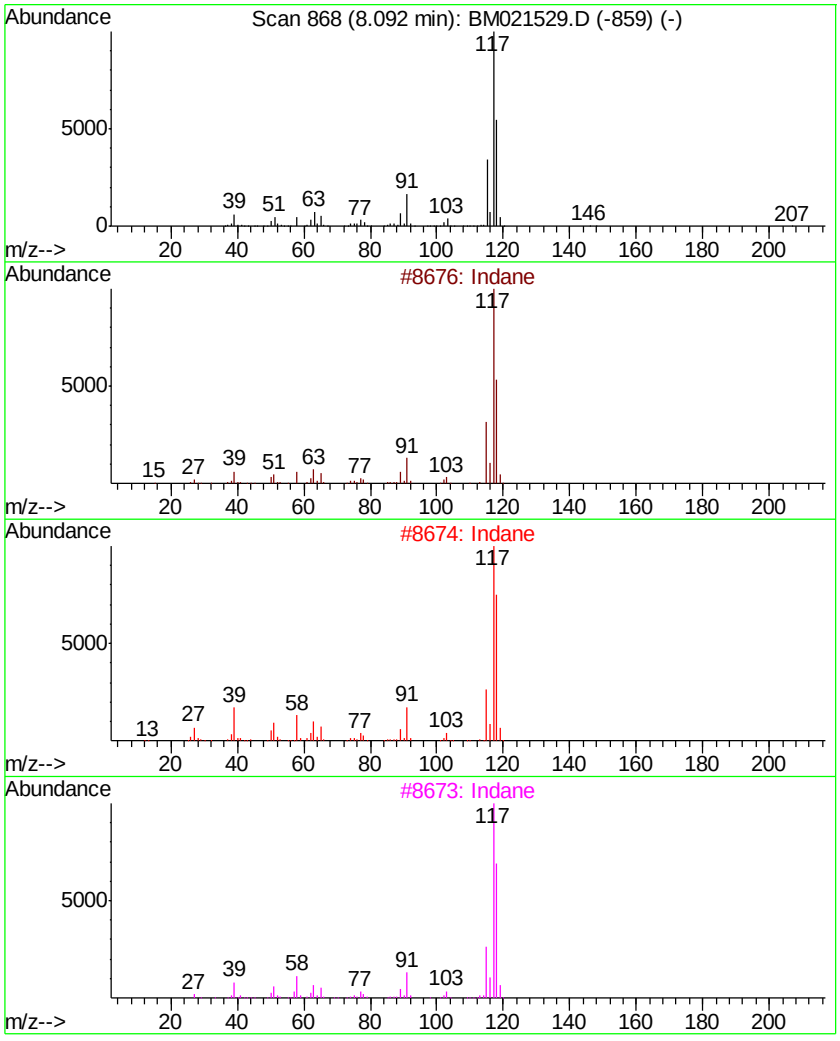
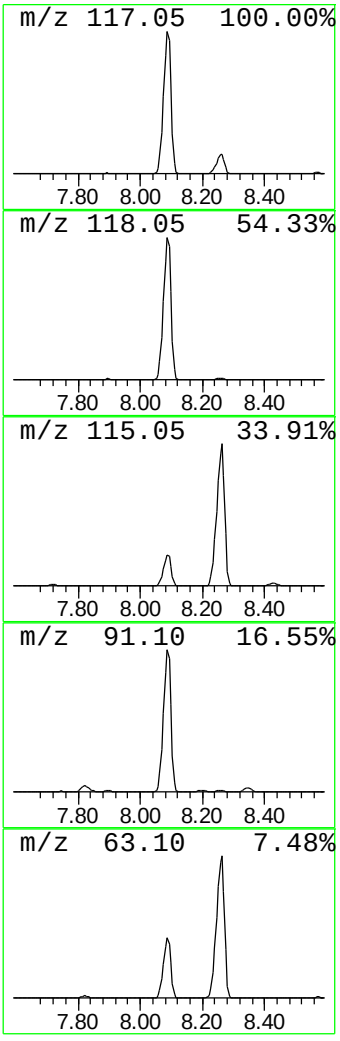
Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	386.55 ng/ul	22036800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
5	Deltacyclene	118	C9H10	007785-10-6	72





Library Search Compound Report

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ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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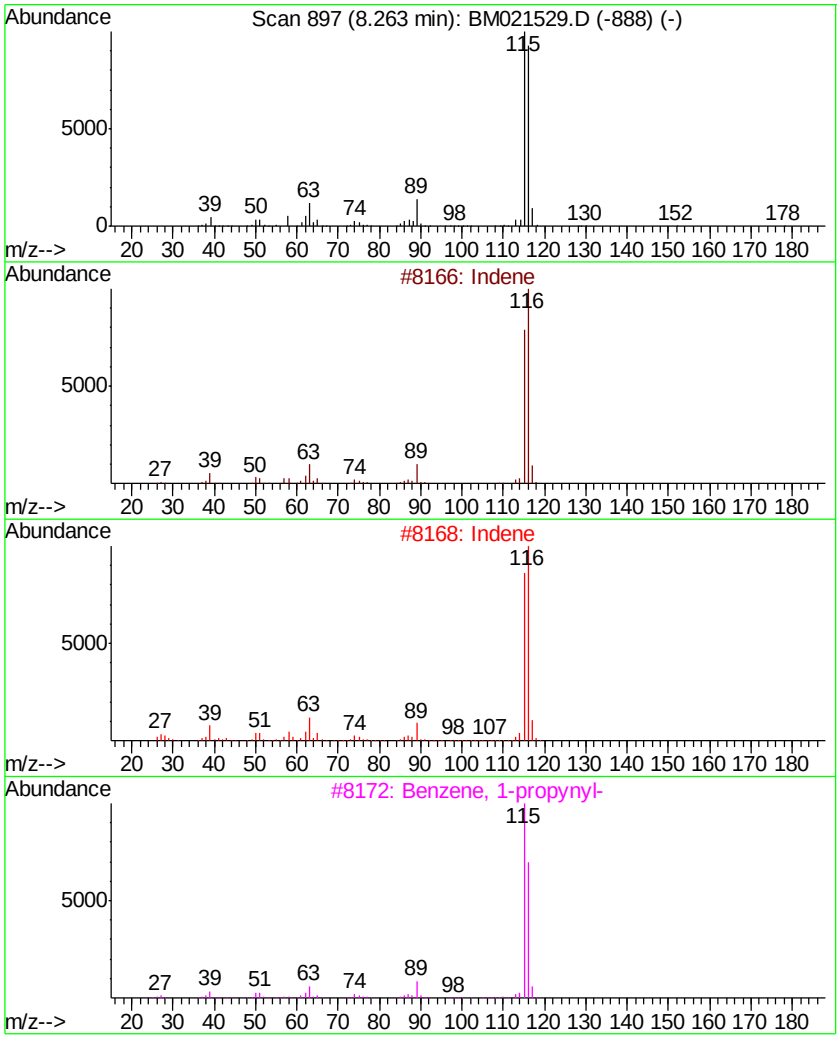
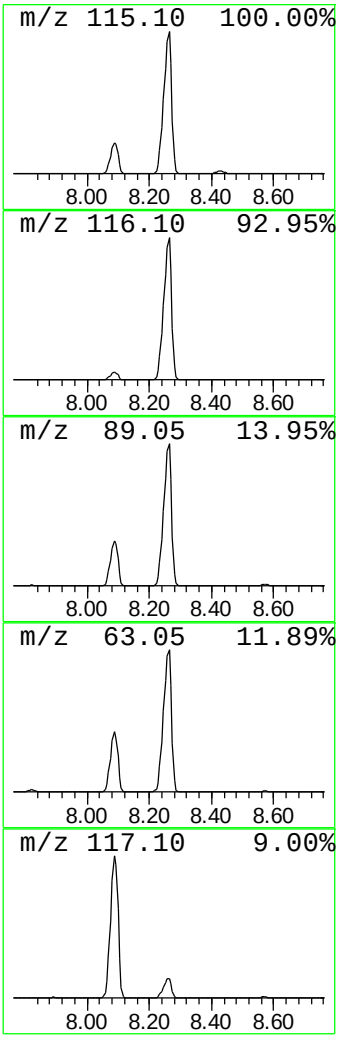
Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	621.09 ng/ul	35407700	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	97
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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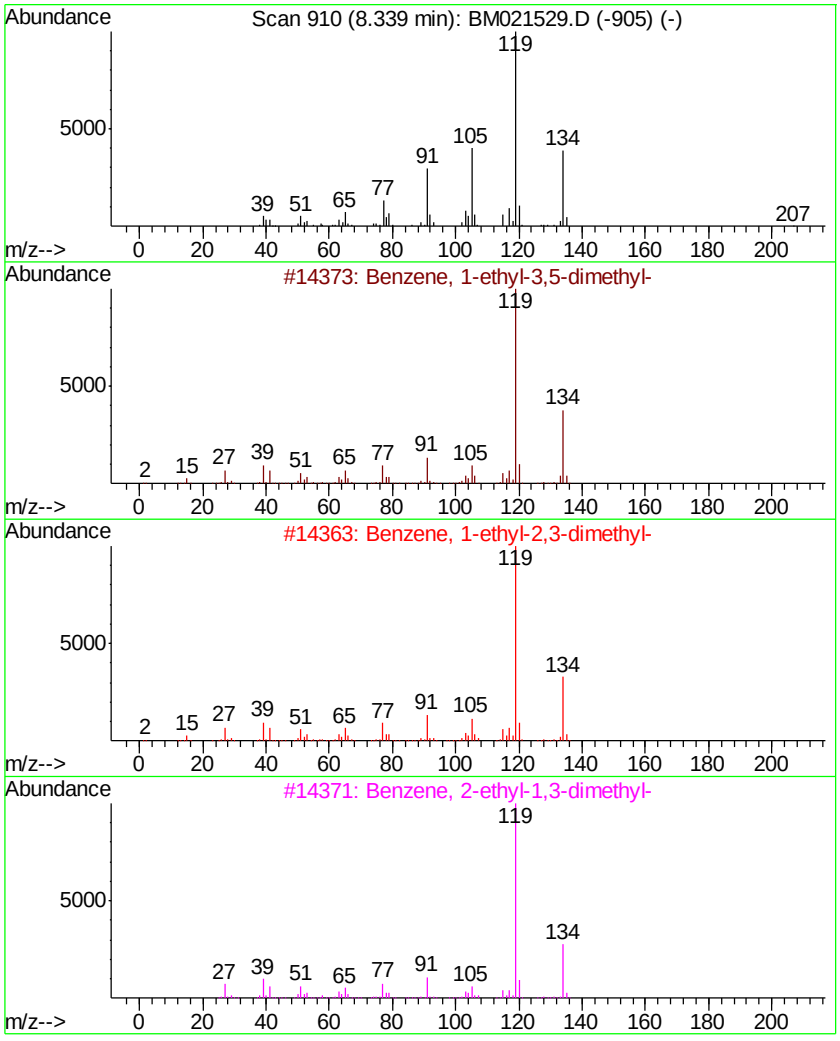
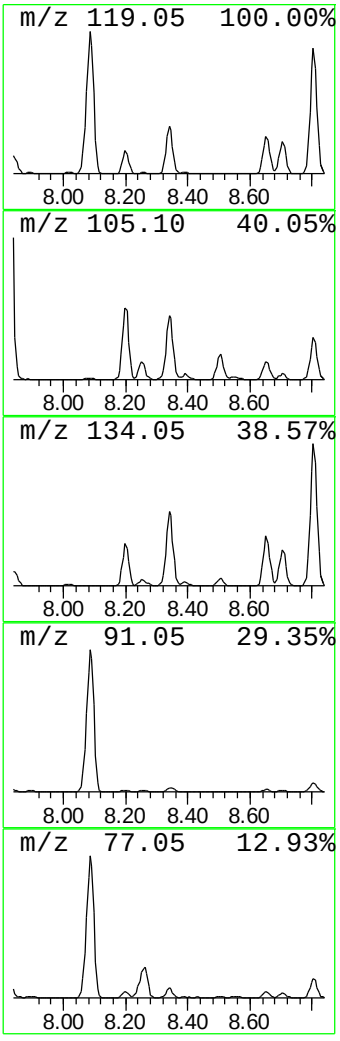
Peak Number 10 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	7.09 ng/ul	404391	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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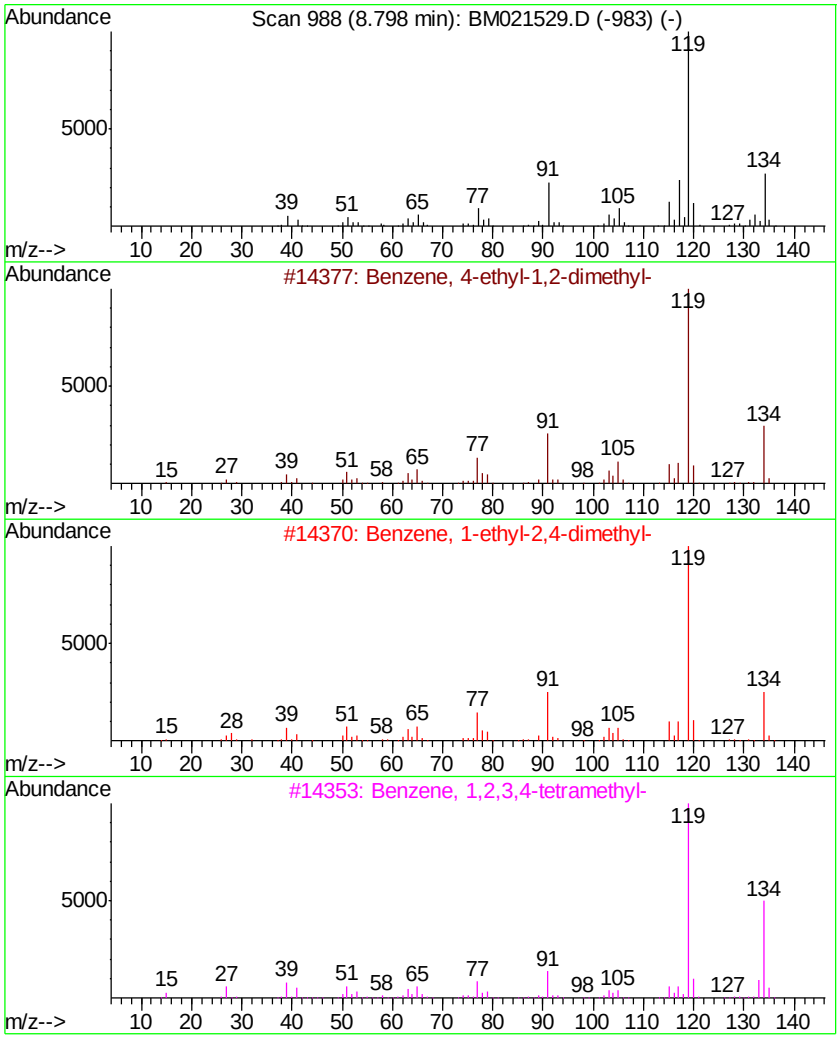
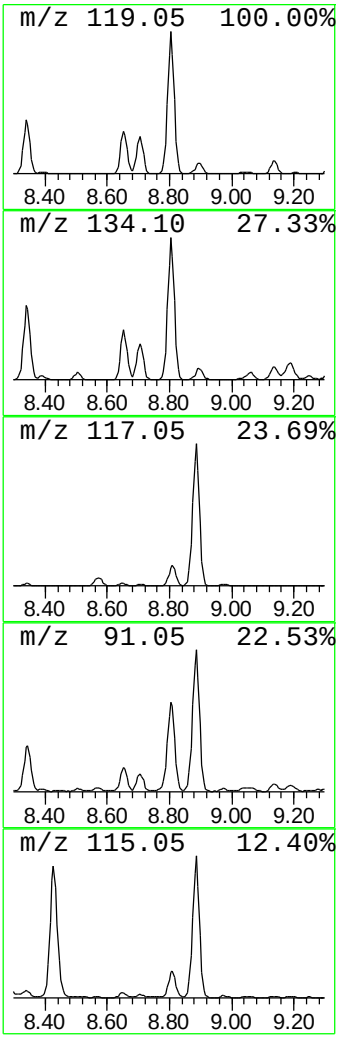
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	18.52 ng/ul	1055620	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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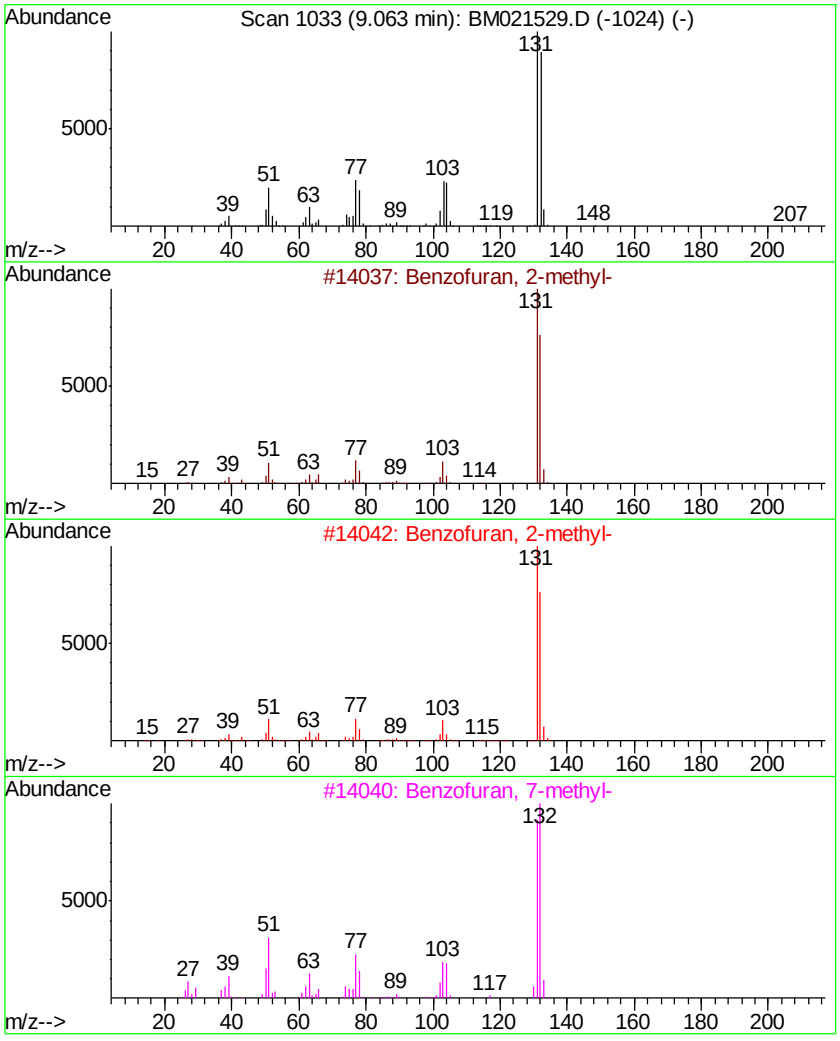
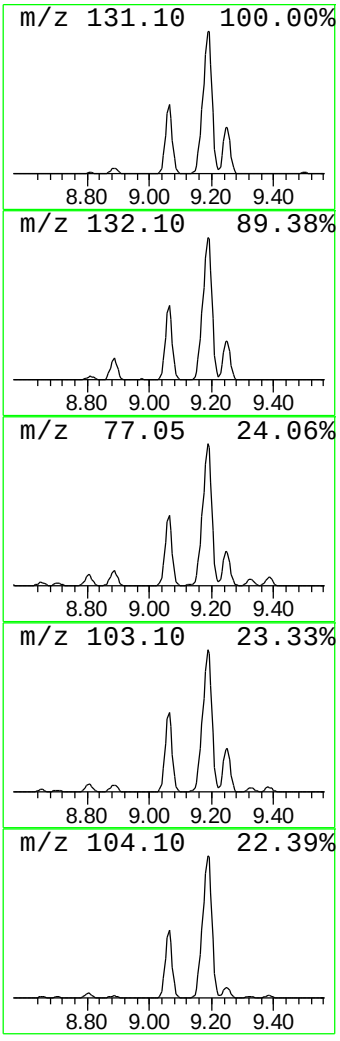
Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	56.54 ng/ul	3223140	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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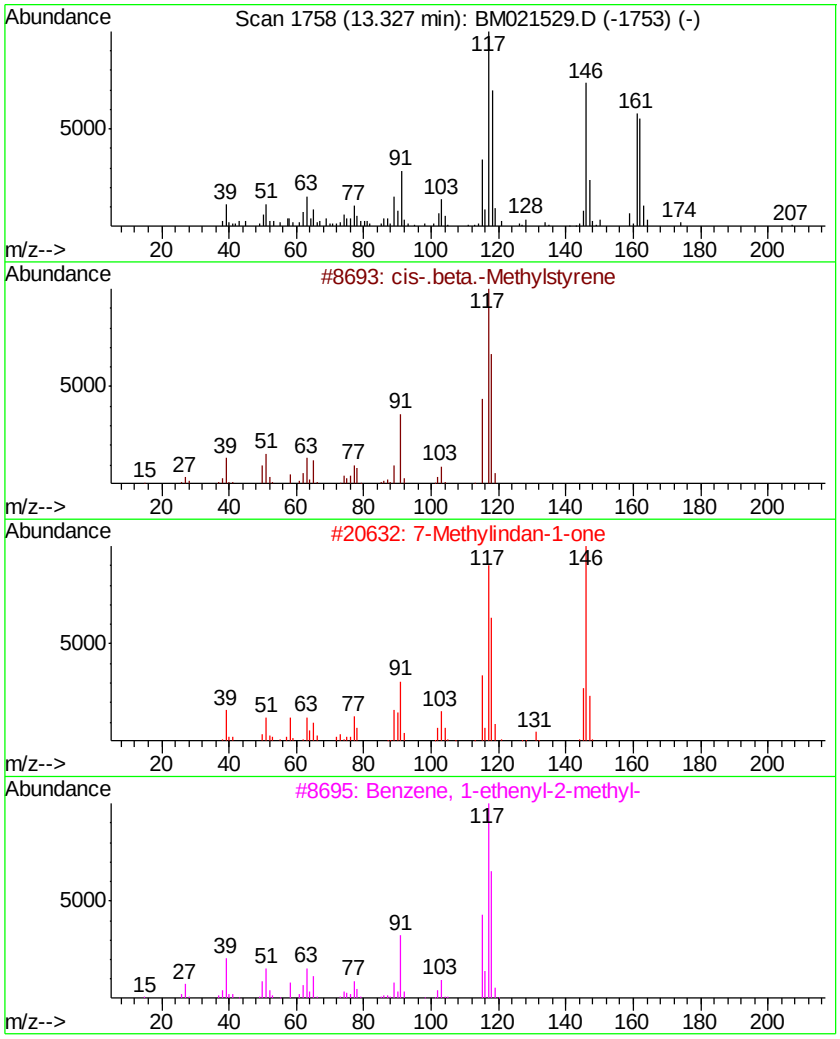
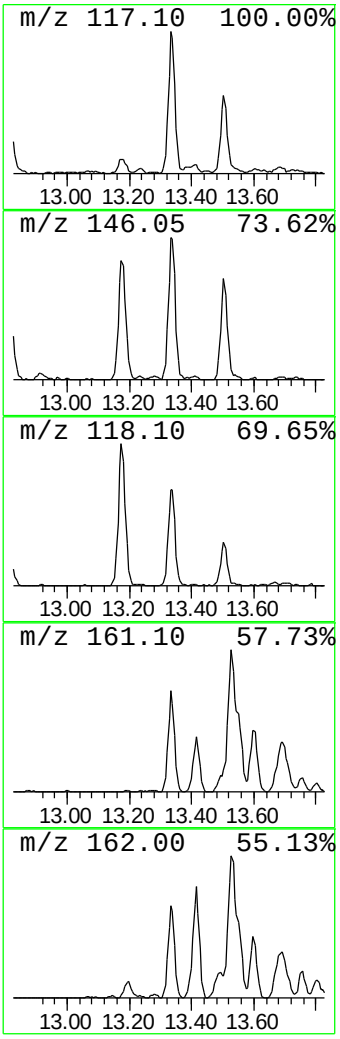
Peak Number 13 cis-.beta.-Methylstyrene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.23 ng/ul	450166	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	78
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	56
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	46
5	1,3,5,7-Cyclooctatetraene-1-prop...	162	C11H14O	054365-73-0	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	17.08 ng/ul	2378970	Acenaphthene-d10	14.36

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
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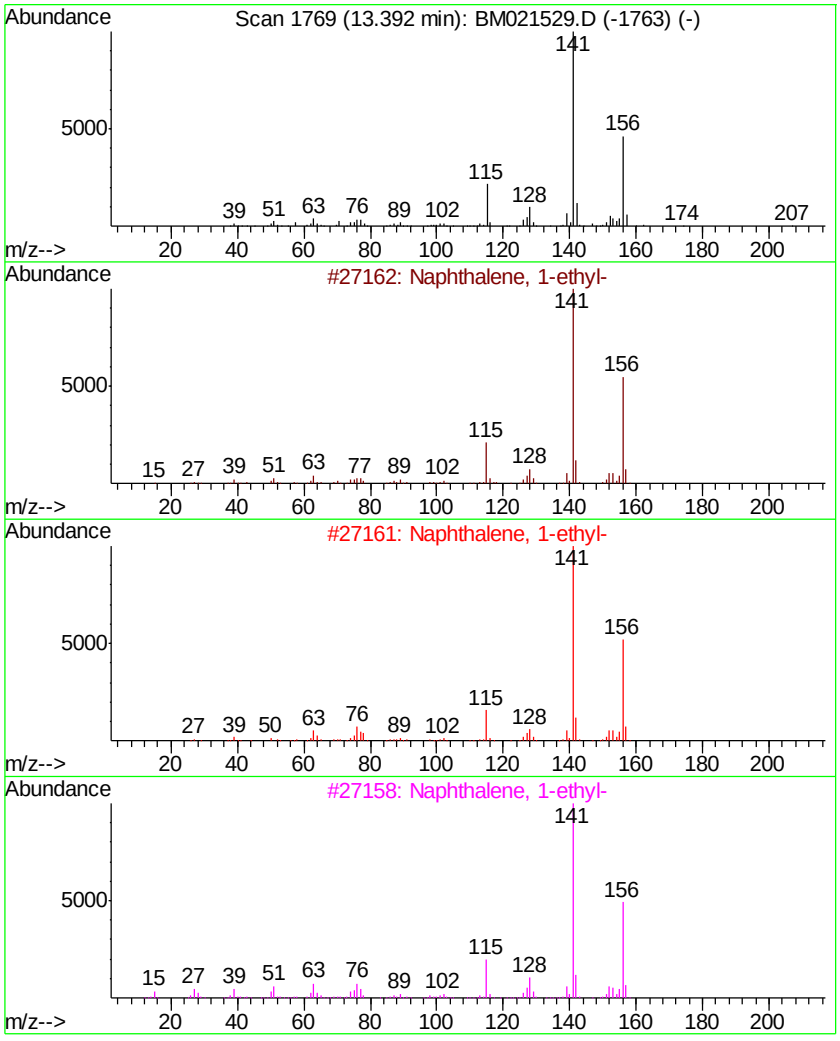

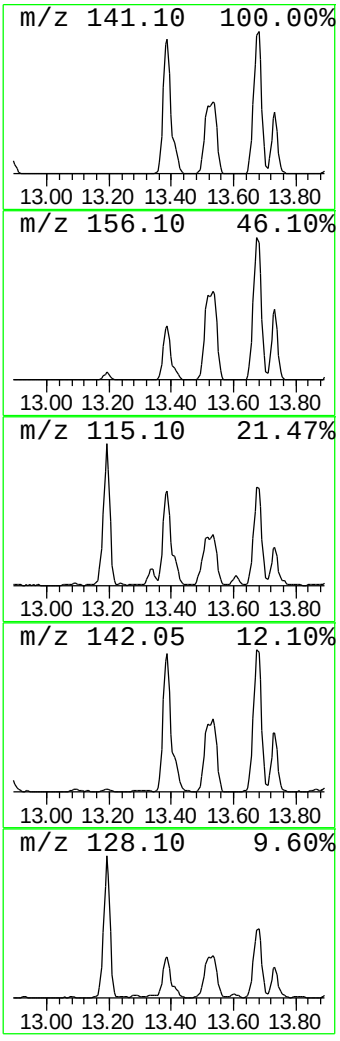

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	13.20 ng/ul	1839060	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
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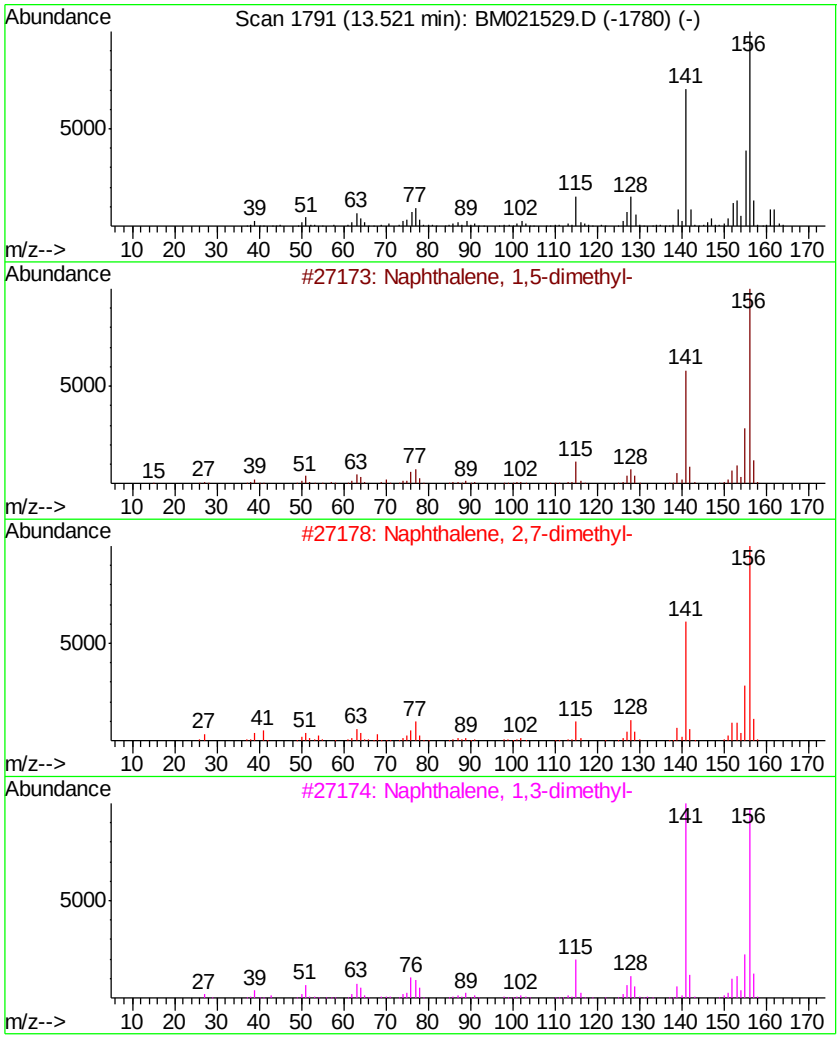

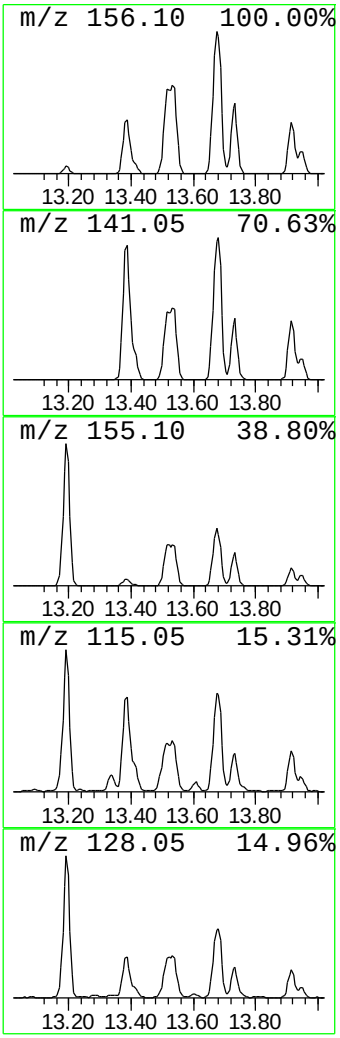

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	27.35 ng/ul	3810050	Acenaphthene-d10	14.36

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	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
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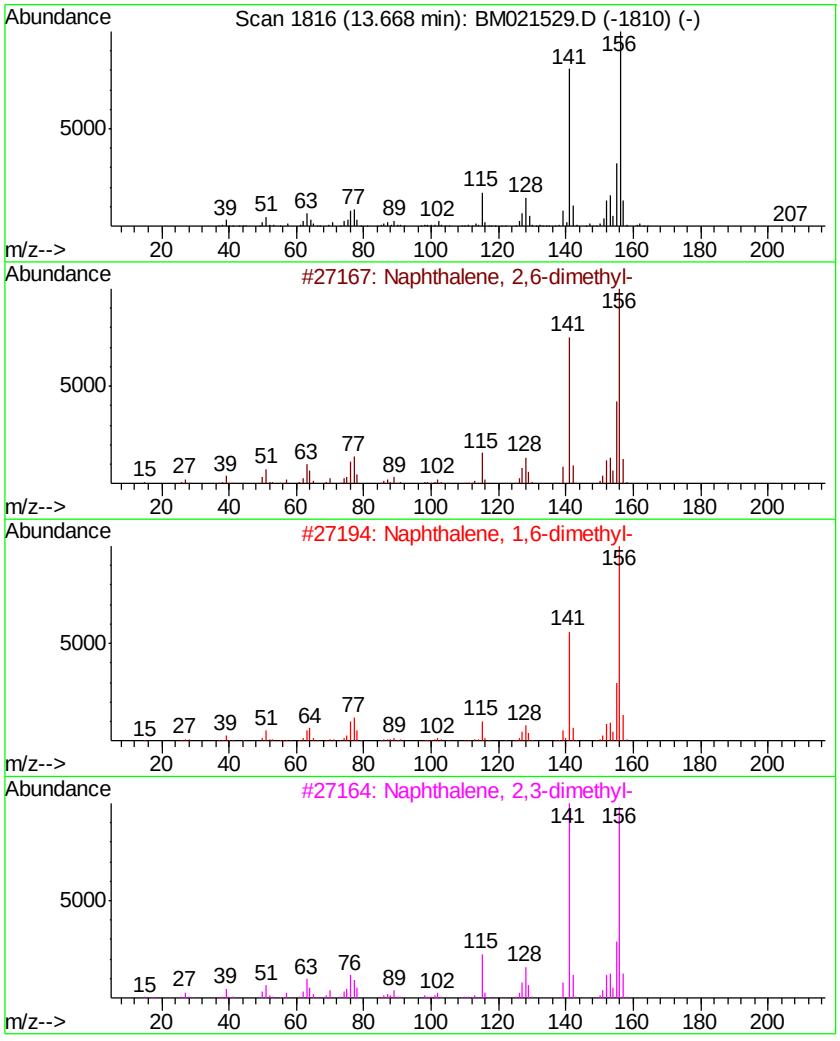

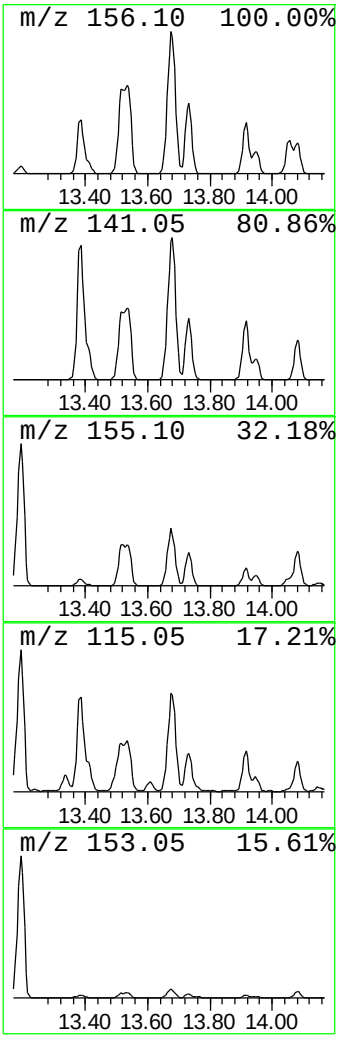

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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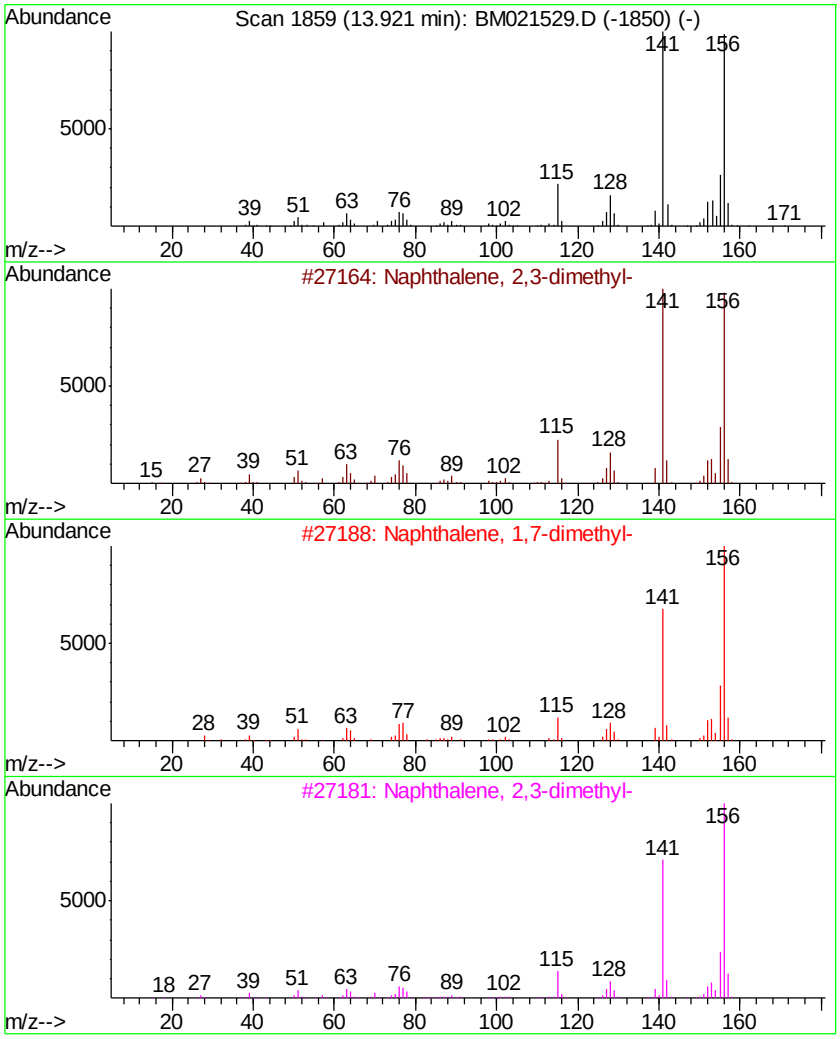
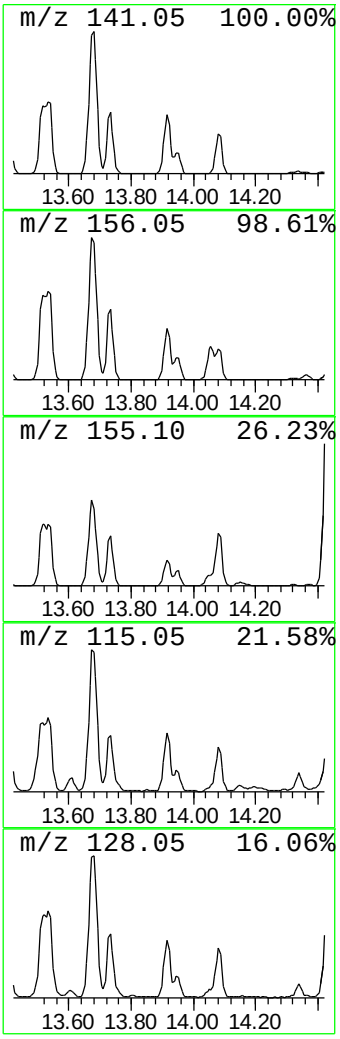
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	8.17 ng/ul	1137960	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : K3822-10
Misc :
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Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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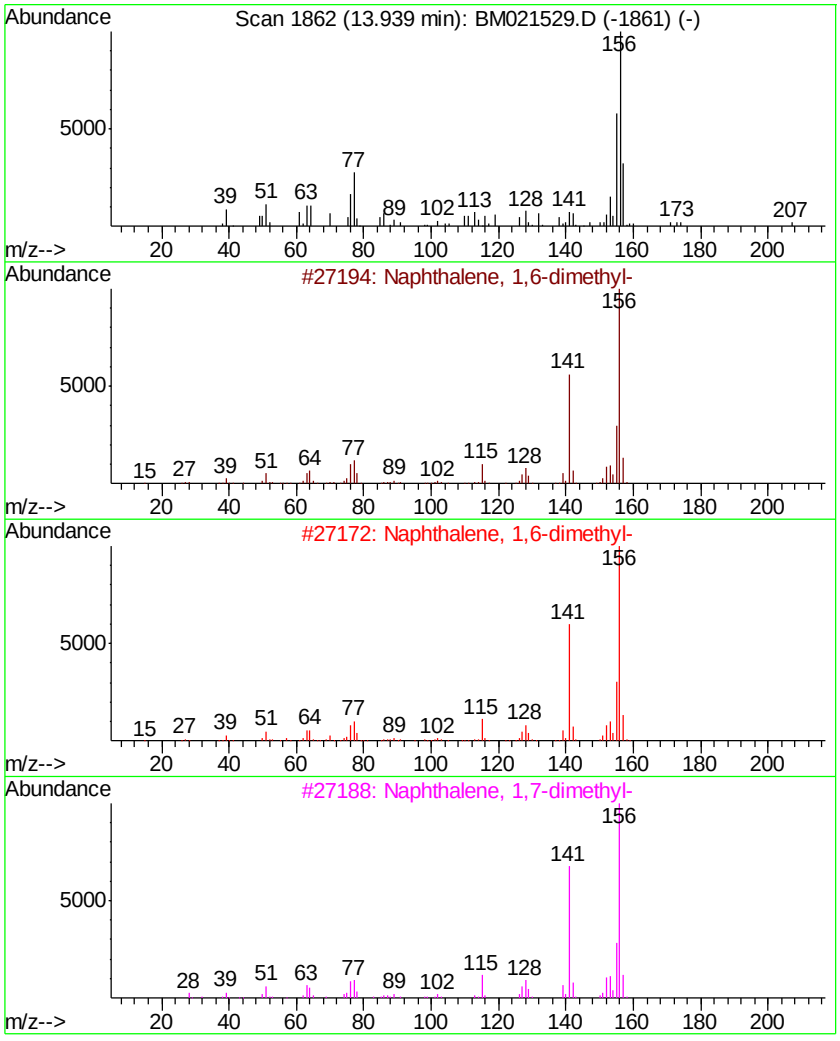
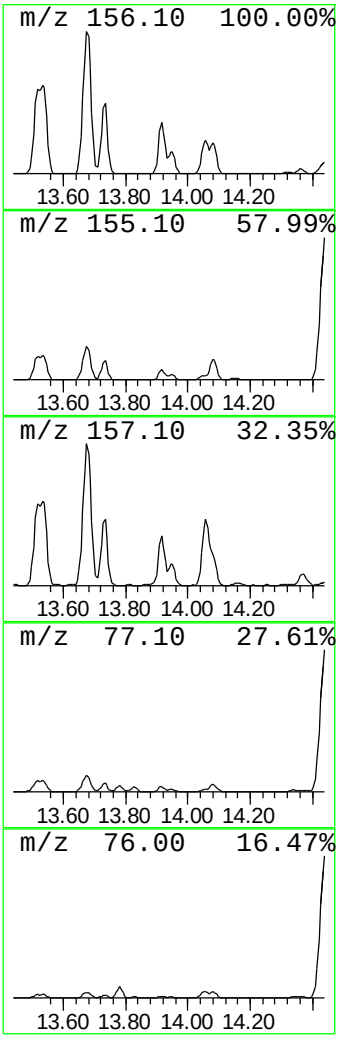
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.08 ng/ul	428373	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Instrument : BNA_M
ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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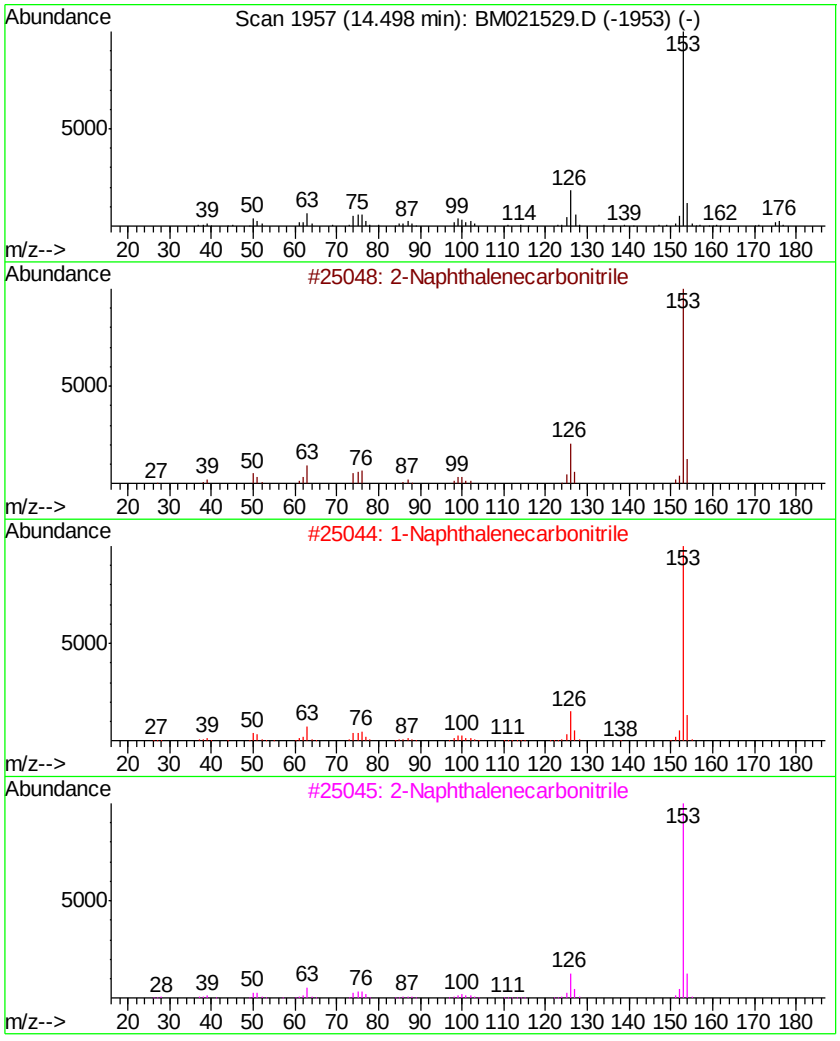
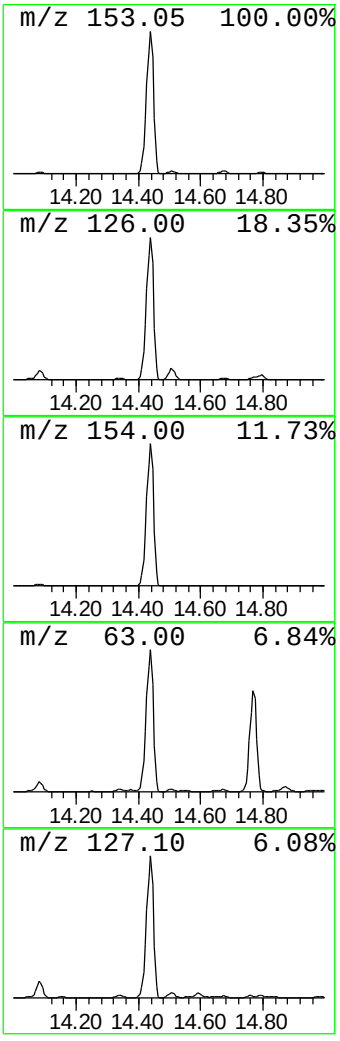
Peak Number 19 2-Naphthalenecarbonitrile Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.59 ng/ul	360730	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	1,3,5-Triazine, 2-amino-4-methyl...	153	C6H11N5	021320-31-0	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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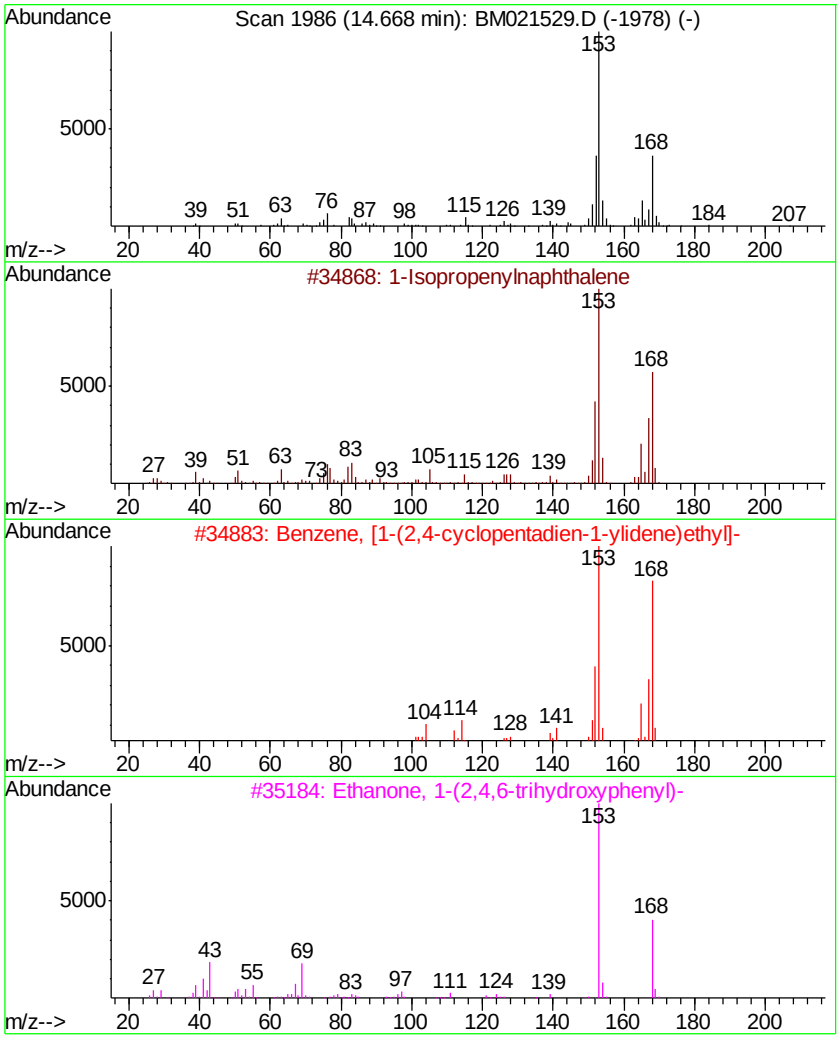
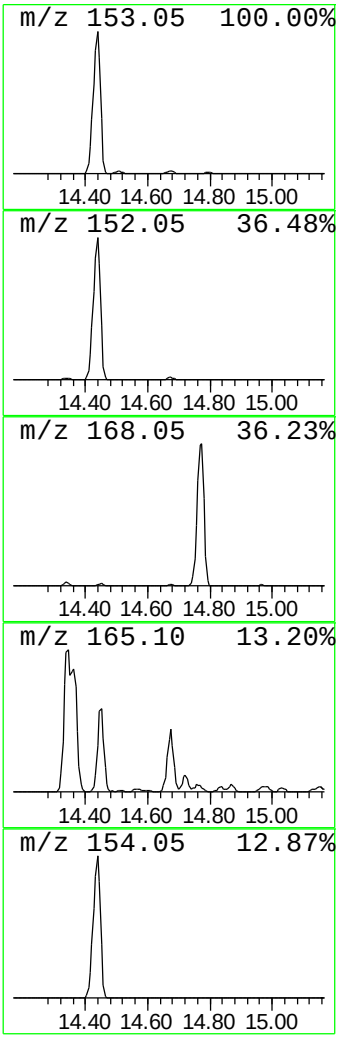
Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.07 ng/ul	705793	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	86
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53





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ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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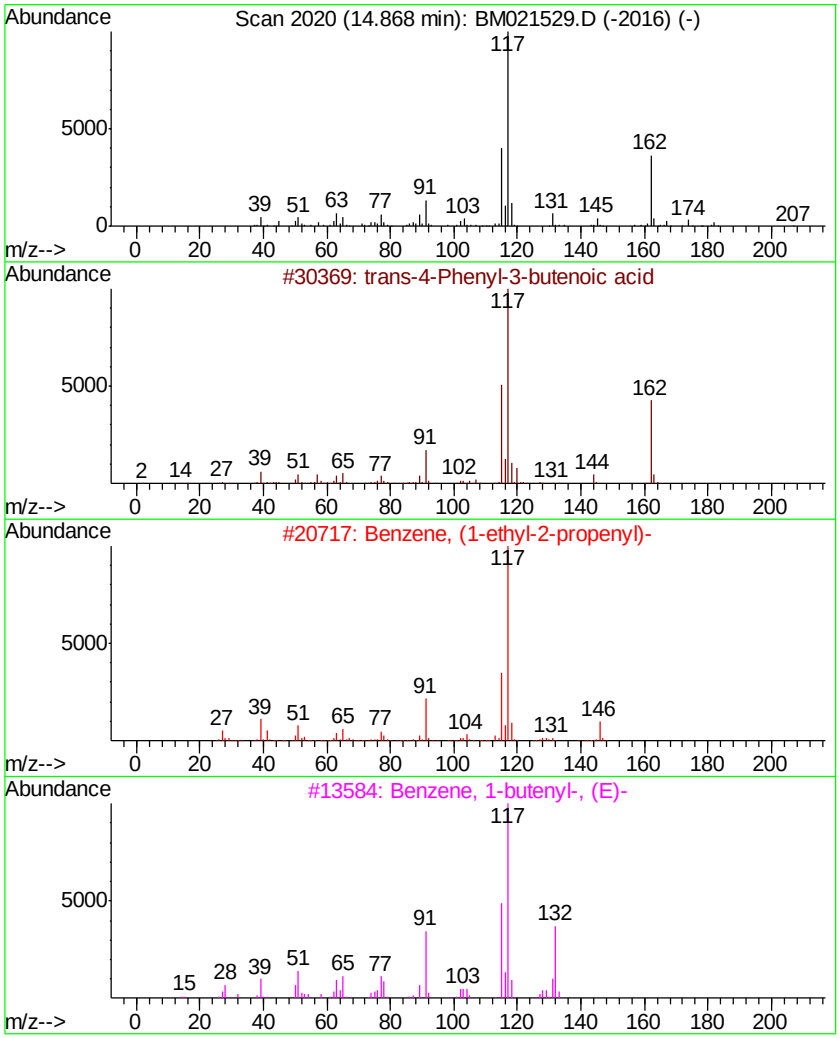
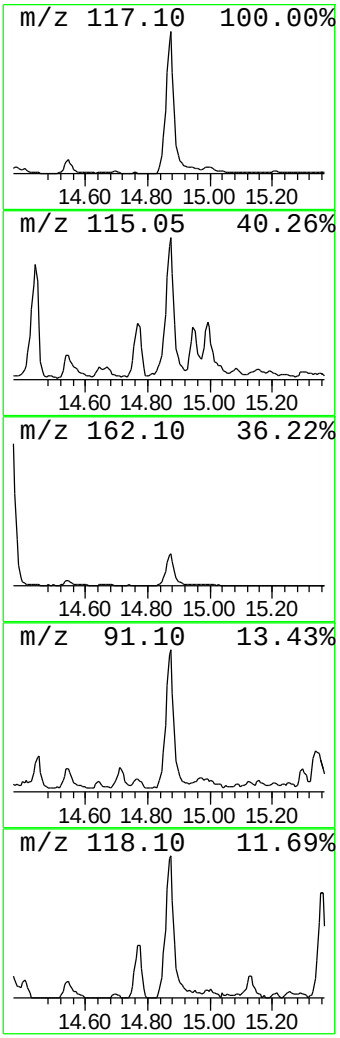
Peak Number 21 trans-4-Phenyl-3-butenoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	6.75 ng/ul	940304	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	90
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
3	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	64
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	53
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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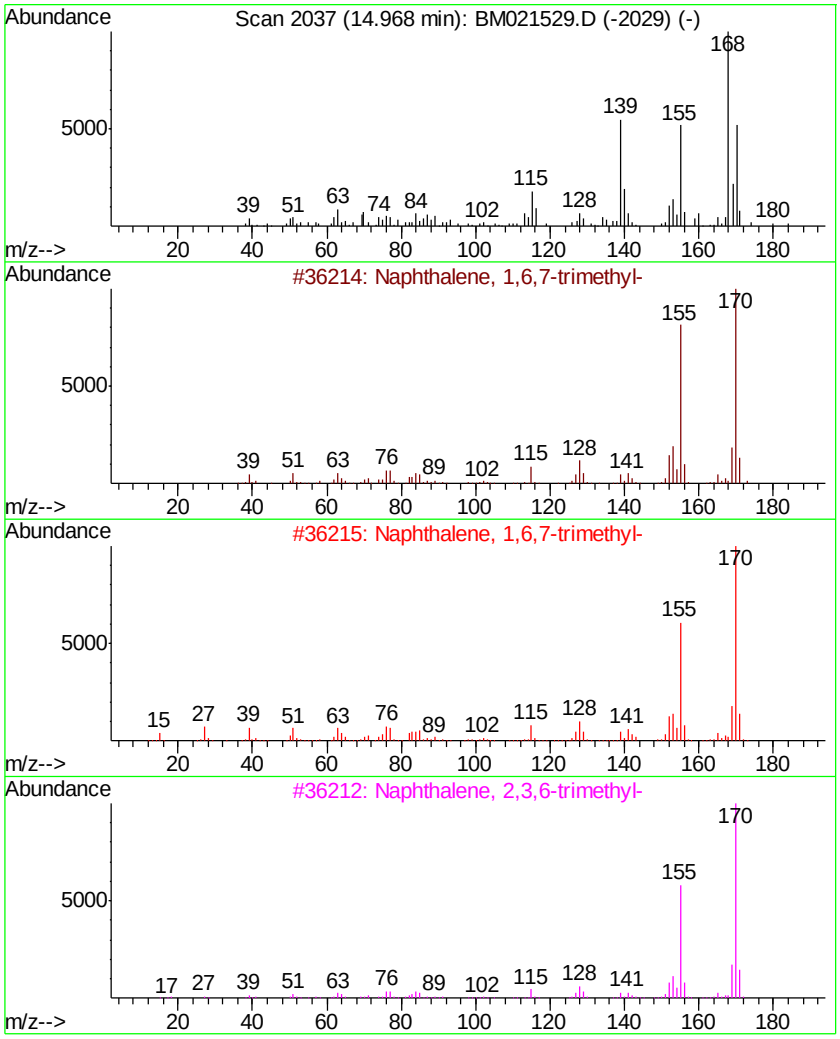
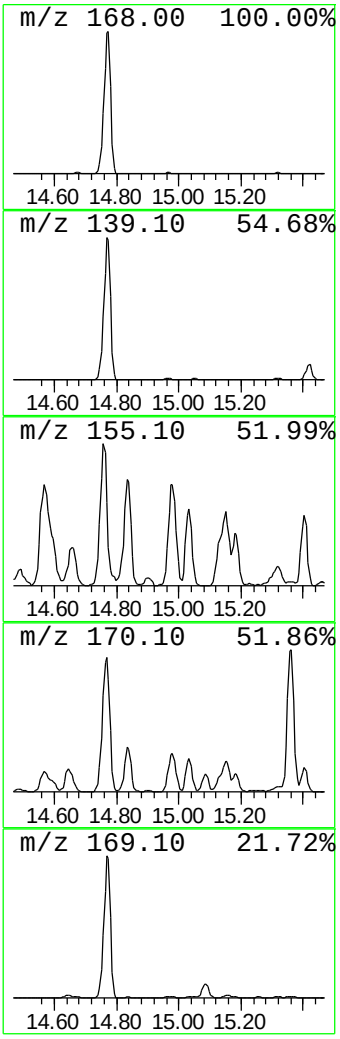
Peak Number 22 Naphthalene, 1,6,7-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.57 ng/ul	636346	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42





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ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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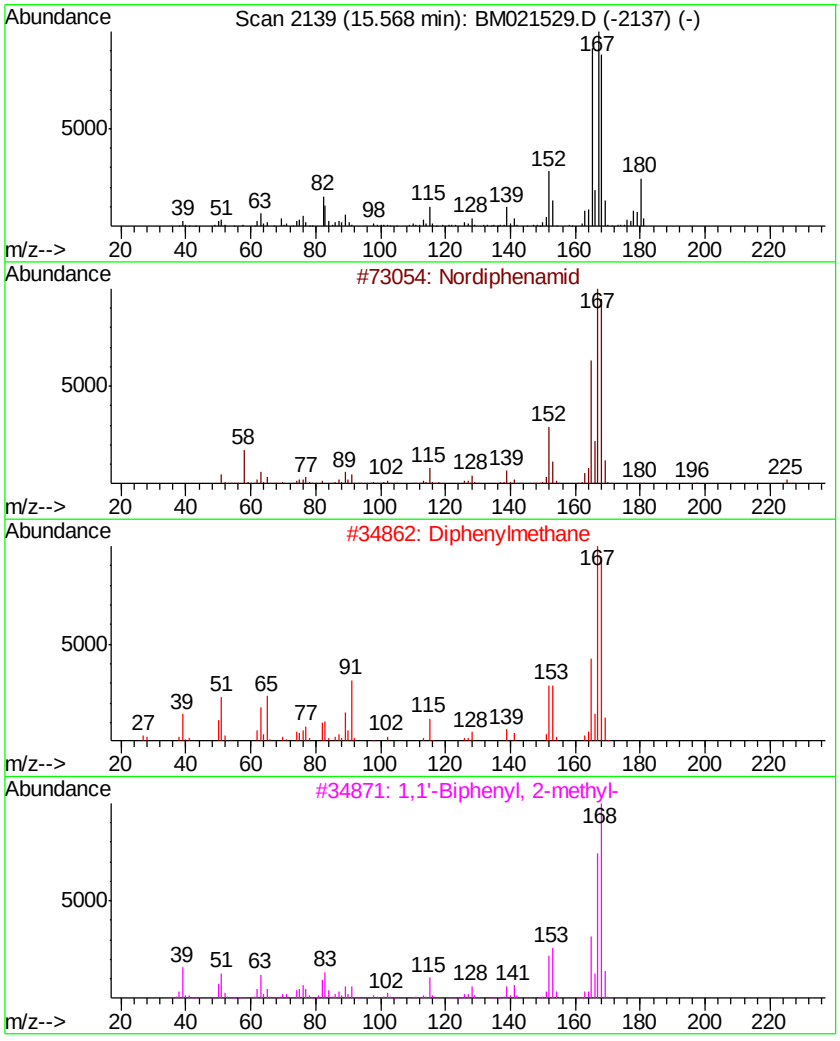
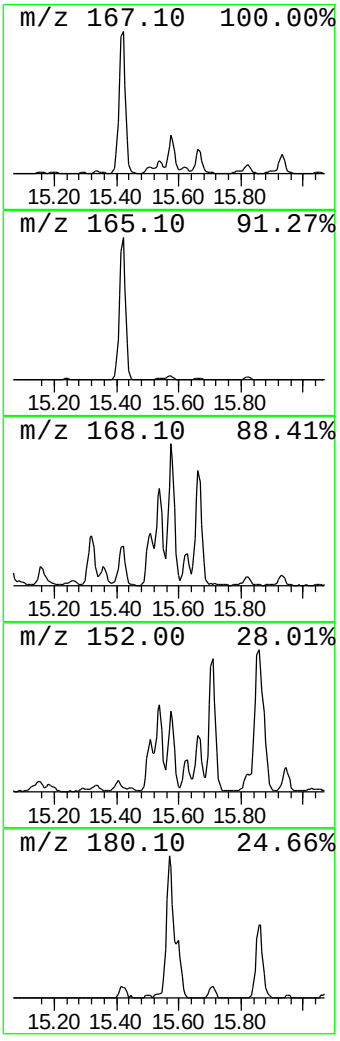
Peak Number 23 Nordiphenamid Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.80 ng/ul	669241	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	91
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
4	Diphenylmethane	168	C13H12	000101-81-5	62
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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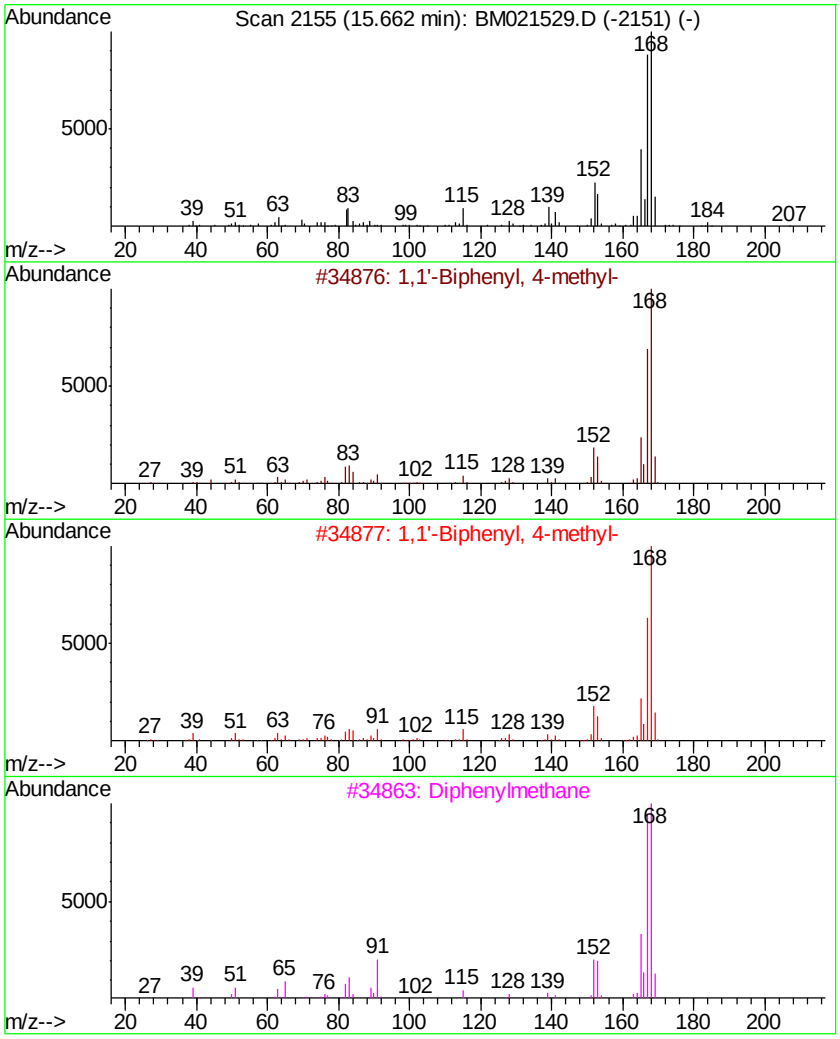
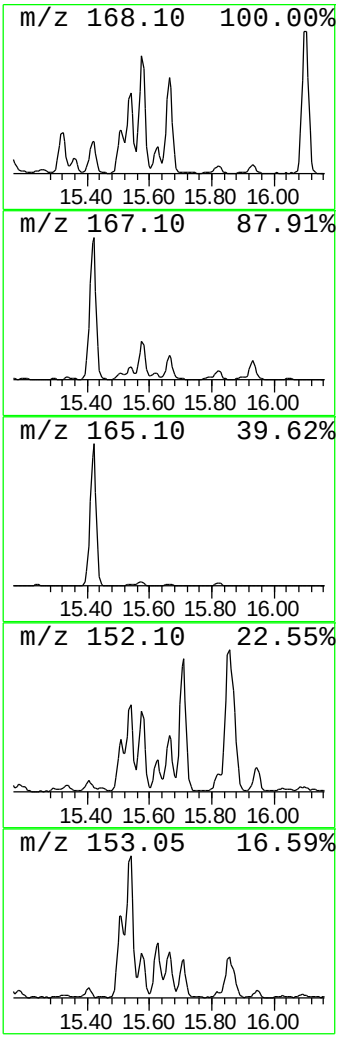
Peak Number 24 1,1'-Biphenyl, 4-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.09 ng/ul	430886	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
5	Diphenylmethane	168	C13H12	000101-81-5	76





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Instrument : BNA_M
ClientSampleId : BF4B1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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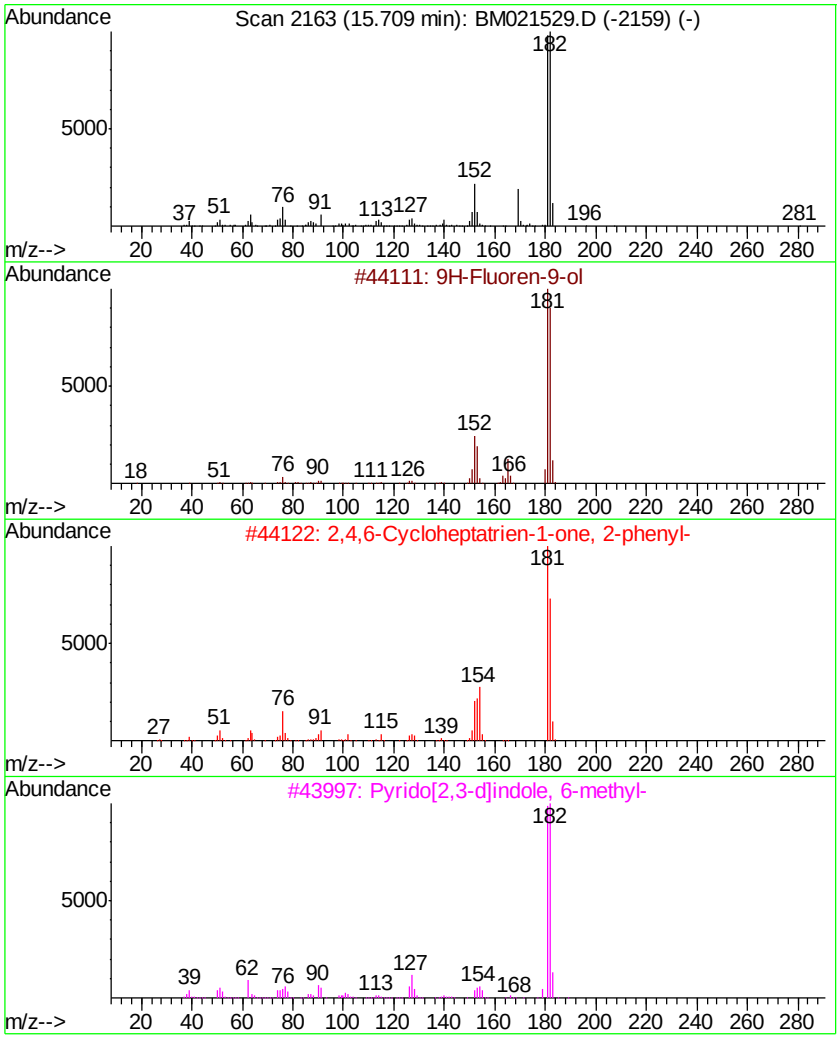
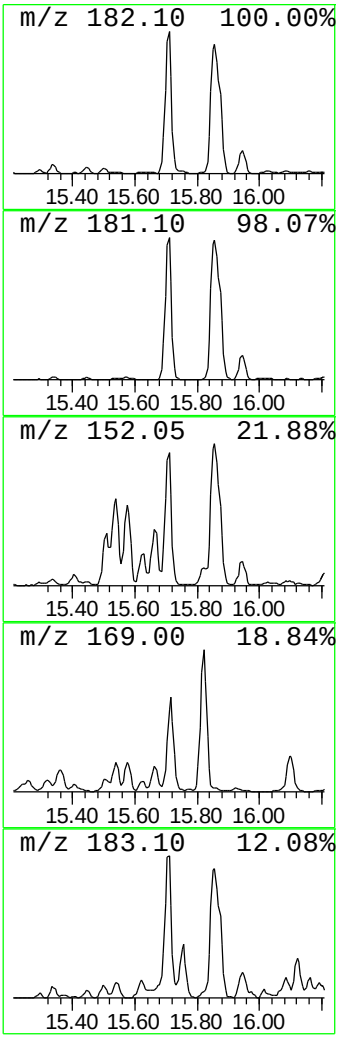
Peak Number 25 9H-Fluoren-9-ol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	7.94 ng/ul	1105360	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
3	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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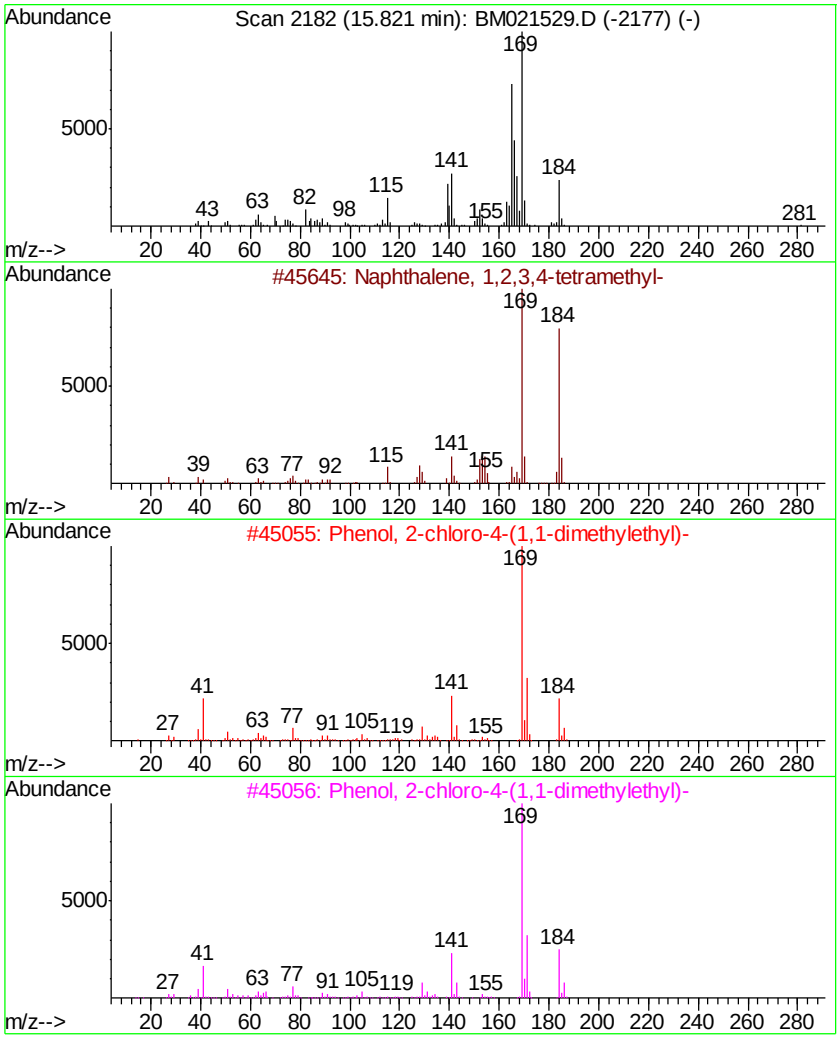
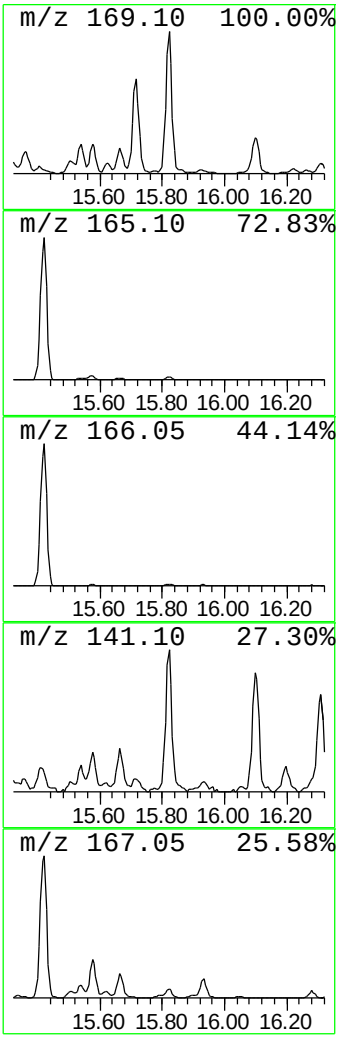
Peak Number 26 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	5.53 ng/ul	504668	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	38
2	Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	38
3	Phenol, 2-chloro-4-(1,1-dimethyl...	184	C10H13ClO	000098-28-2	38
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	35
5	N-.alpha.-Fmoc-L-leucine	353	C21H23NO4	035661-60-0	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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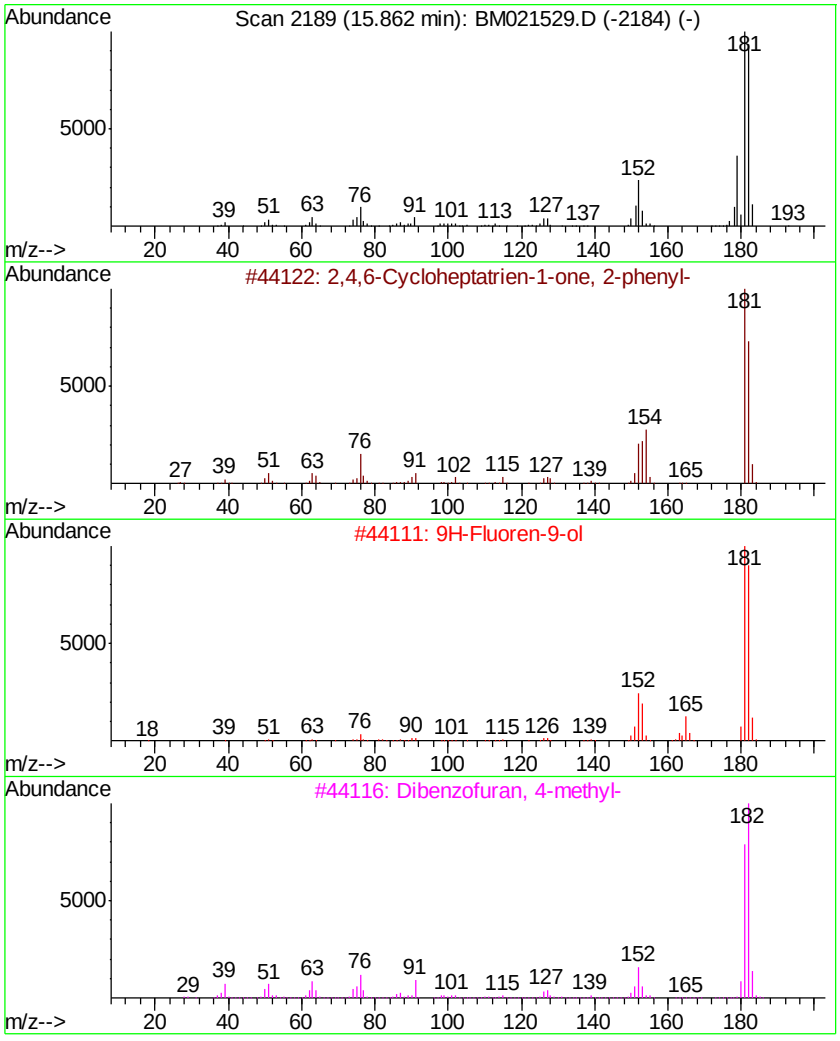
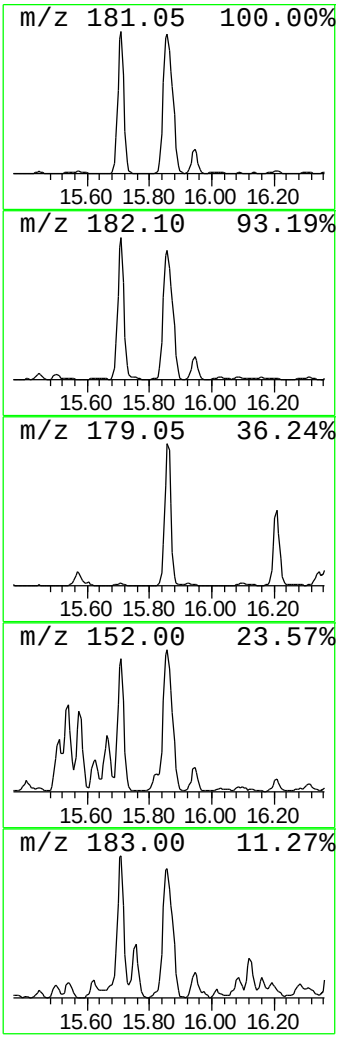
Peak Number 27 2,4,6-Cycloheptatrien-1-one... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	17.94 ng/ul	1635670	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	59
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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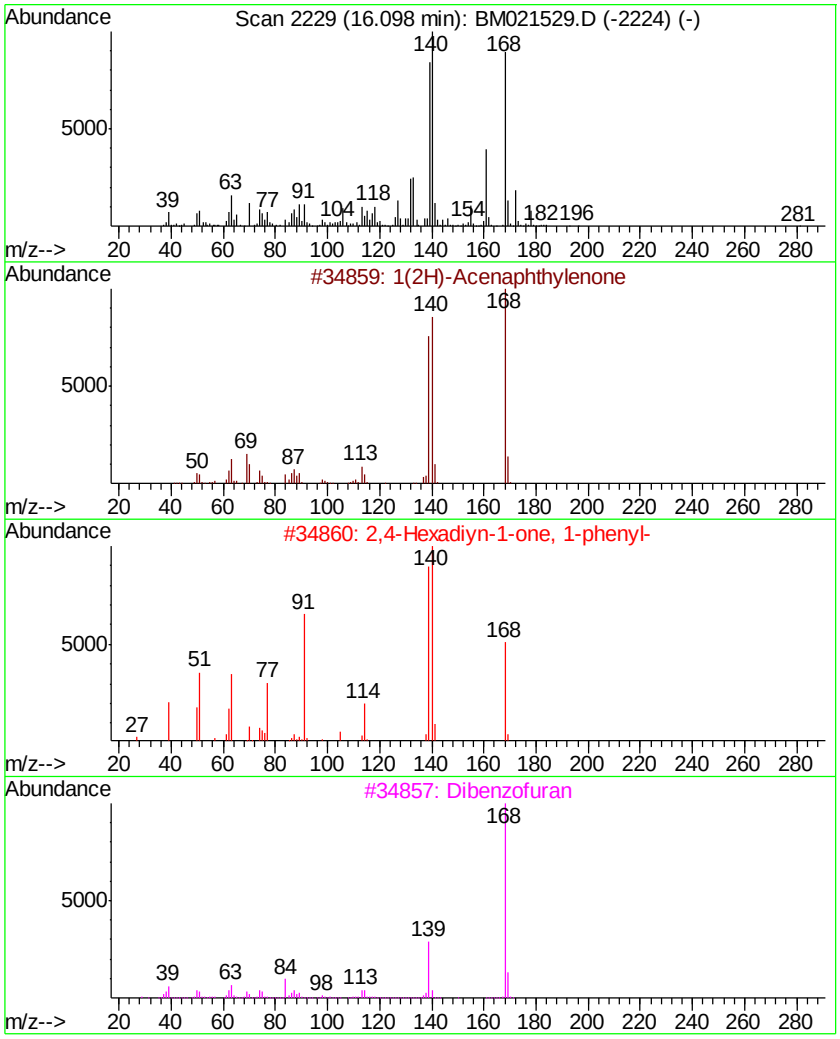
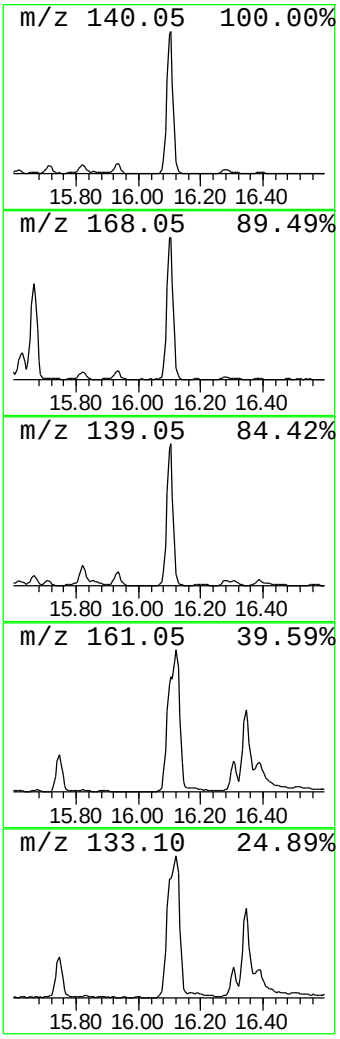
Peak Number 29 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	25.61 ng/ul	2335260	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	83
2	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	58
3	Dibenzofuran	168	C12H8O	000132-64-9	38
4	Dibenzofuran	168	C12H8O	000132-64-9	38
5	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

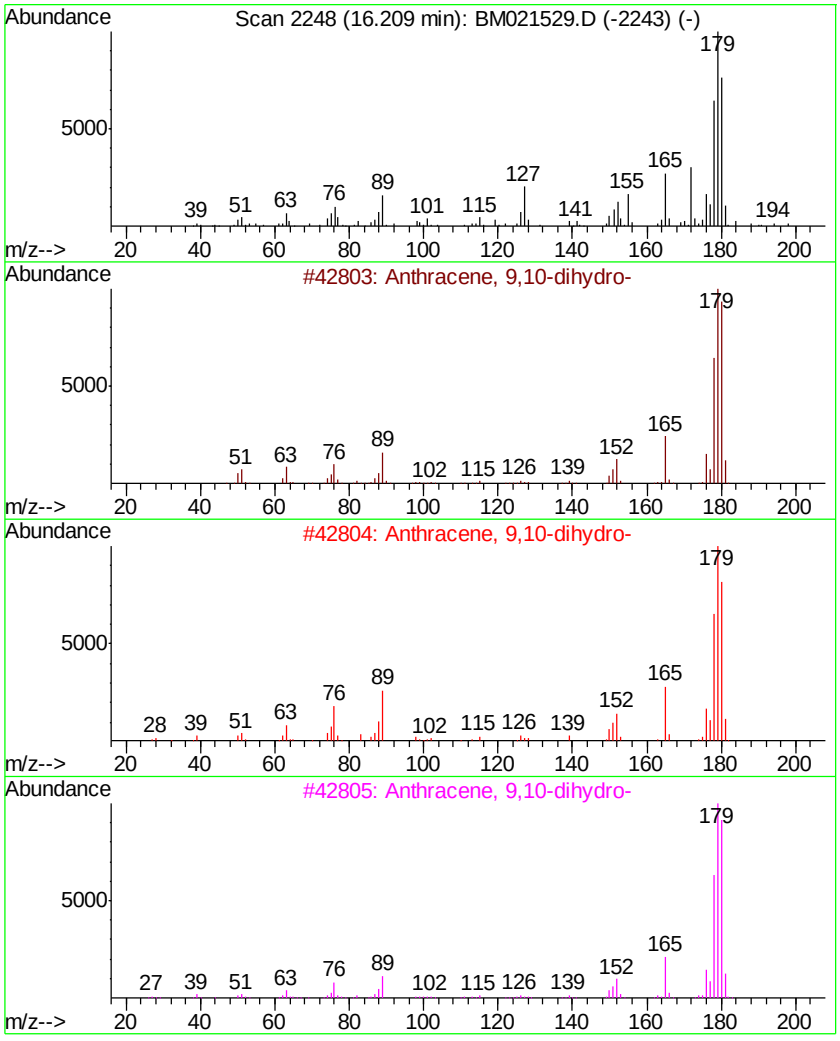
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

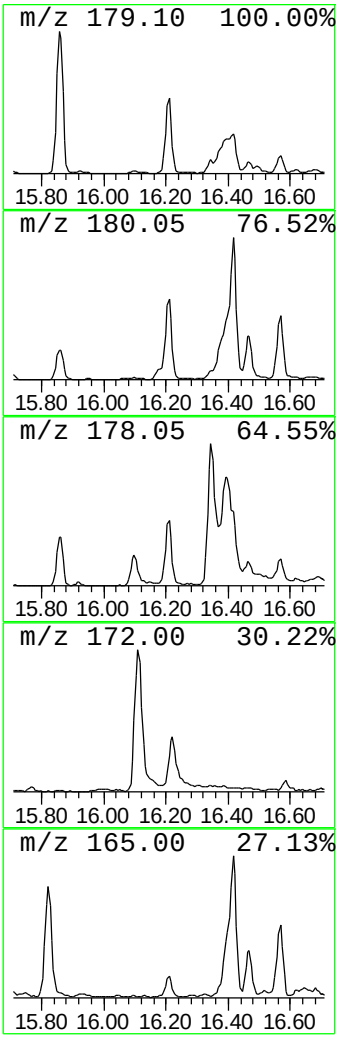
****

Peak Number 30 Anthracene, 9,10-dihydro- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	4.06 ng/ul	370137	Phenanthrene-d10	17.12

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	93
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	90
5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021529.D
Acq On : 18 Jul 2019 18:30
Operator : HP/JU
Sample : K3822-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylbenzene	5.25	21.4	ng/ul	1217590	1	7.72	1140180	20.0
o-Xylene	5.38	29.9	ng/ul	1701740	1	7.72	1140180	20.0
Benzene, 1,3-dime...	5.75	45.0	ng/ul	2563760	1	7.72	1140180	20.0
Benzene, 1-ethyl-...	6.80	6.3	ng/ul	360702	1	7.72	1140180	20.0
Benzene, 1,2,3-tr...	7.36	77.0	ng/ul	4387170	1	7.72	1140180	20.0
Benzofuran	7.44	31.5	ng/ul	1798250	1	7.72	1140180	20.0
Benzene, 1,2,4-tr...	7.82	24.0	ng/ul	1365860	1	7.72	1140180	20.0
Indane	8.09	386.6	ng/ul	22036800	1	7.72	1140180	20.0
Indene	8.26	621.1	ng/ul	35407700	1	7.72	1140180	20.0
Benzene, 1-ethyl-...	8.34	7.1	ng/ul	404391	1	7.72	1140180	20.0
Benzene, 4-ethyl-...	8.80	18.5	ng/ul	1055620	1	7.72	1140180	20.0
Benzofuran, 7-met...	9.06	56.5	ng/ul	3223140	1	7.72	1140180	20.0
cis-.beta.-Methyl...	13.33	3.2	ng/ul	450166	3	14.36	2785730	20.0
Naphthalene, 1-et...	13.39	17.1	ng/ul	2378970	3	14.36	2785730	20.0
Naphthalene, 1,5-...	13.52	13.2	ng/ul	1839060	3	14.36	2785730	20.0
Naphthalene, 2,6-...	13.67	27.4	ng/ul	3810050	3	14.36	2785730	20.0
Naphthalene, 2,3-...	13.92	8.2	ng/ul	1137960	3	14.36	2785730	20.0
Naphthalene, 1,6-...	13.94	3.1	ng/ul	428373	3	14.36	2785730	20.0
2-Naphthalenecarb...	14.50	2.6	ng/ul	360730	3	14.36	2785730	20.0
1-Isopropenylnaph...	14.67	5.1	ng/ul	705793	3	14.36	2785730	20.0
trans-4-Phenyl-3-...	14.87	6.8	ng/ul	940304	3	14.36	2785730	20.0
Naphthalene, 1,6,...	14.97	4.6	ng/ul	636346	3	14.36	2785730	20.0
Nordiphenamid	15.57	4.8	ng/ul	669241	3	14.36	2785730	20.0
1,1'-Biphenyl, 4-...	15.66	3.1	ng/ul	430886	3	14.36	2785730	20.0
9H-Fluoren-9-ol	15.71	7.9	ng/ul	1105360	3	14.36	2785730	20.0
unknown-01	15.82	5.5	ng/ul	504668	4	17.12	1823740	20.0
2,4,6-Cycloheptat...	15.86	17.9	ng/ul	1635670	4	17.12	1823740	20.0
1(2H)-Acenaphthyl...	16.10	25.6	ng/ul	2335260	4	17.12	1823740	20.0
Anthracene, 9,10-...	16.21	4.1	ng/ul	370137	4	17.12	1823740	20.0