LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009609.D
Acq On : 06 Feb 2020 14:32
Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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_N\METHODS\SOM-EPA-BN020320MA.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	5.140	360	366	381	rBV	1482358	3128090	4.59%	0.783%
2	5.475	415	423	438	rBV2	1898314	4245811	6.23%	1.063%
3	6.634	610	620	624	rVV2	623736	1137067	1.67%	0.285%
4	6.793	640	647	652	rBV	458404	703366	1.03%	0.176%
5	6.975	674	678	685	rVV	613562	975411	1.43%	0.244%
6	7.099	692	699	707	rVV2	2194125	3845468	5.64%	0.963%
7	7.181	707	713	722	rVB	499477	800906	1.18%	0.200%
8	7.434	750	756	762	rBV	631045	947206	1.39%	0.237%
9	7.546	767	775	782	rVV	404972	651118	0.96%	0.163%
10	7.964	836	846	856	rVV	7435887	11772249	17.28%	2.947%
11	8.146	871	877	885	rVV	682188	1095563	1.61%	0.274%
12	8.581	946	951	961	rVV	593601	1128284	1.66%	0.282%
13	8.693	966	970	978	rVV	331893	631184	0.93%	0.158%
14	9.293	1063	1072	1079	rVV2	481856	936168	1.37%	0.234%
15	9.628	1114	1129	1135	rBV3	1316552	3089676	4.54%	0.773%
16	9.699	1135	1141	1145	rBV	989660	1975060	2.90%	0.494%
17	9.822	1156	1162	1169	rVB	669945	1149051	1.69%	0.288%
18	10.193	1217	1225	1227	rBV	850188	1431523	2.10%	0.358%
19	10.263	1227	1237	1242	rVV2	31411075	68123928	100.00%	17.052%
20	10.340	1242	1250	1260	rVV2	682857	2012765	2.95%	0.504%
21	11.869	1499	1510	1517	rVB	15993560	26375800	38.72%	6.602%
22	12.087	1534	1547	1559	rBV	10081393	15756708	23.13%	3.944%
23	12.899	1678	1685	1699	rBV	2645844	4287373	6.29%	1.073%
24	13.093	1712	1718	1730	rVB	643311	1506069	2.21%	0.377%
25	13.228	1734	1741	1743	rBV	1827254	2867266	4.21%	0.718%
26	13.393	1760	1769	1774	rBV	3480238	6018731	8.83%	1.507%
27	13.446	1774	1778	1783	rVV	2098351	3138471	4.61%	0.786%
28	13.499	1783	1787	1789	rVV	1237928	1865905	2.74%	0.467%
29	13.522	1789	1791	1798	rVV	1899689	2567416	3.77%	0.643%
30	13.628	1804	1809	1813	rVV	1639605	2483709	3.65%	0.622%
31	13.793	1826	1837	1846	rBV2	7149104	12287659	18.04%	3.076%
32	14.063	1877	1883	1890	rVV2	1563684	3085911	4.53%	0.772%
33	14.134	1890	1895	1899	rVV	967677	1441757	2.12%	0.361%
34	14.304	1916	1924	1931	rBV2	577804	1242027	1.82%	0.311%

LSC Area Percent Report

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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

35	14.481	1944	1954	1962	rBV2	1040461	2199276	3.23%	0.551%
36	14.563	1963	1968	1972	rVB	655619	858245	1.26%	0.215%
37	14.693	1983	1990	1996	rBV3	825011	1829420	2.69%	0.458%
38	14.957	2030	2035	2042	rVB2	986555	1602254	2.35%	0.401%
39	15.075	2050	2055	2060	rVB	2416111	3339816	4.90%	0.836%
40	15.134	2060	2065	2077	rVB	5946146	9152185	13.43%	2.291%
41	15.228	2077	2081	2084	rBV	613236	910227	1.34%	0.228%
42	15.428	2110	2115	2119	rBV	547456	881491	1.29%	0.221%
43	15.545	2129	2135	2139	rBV2	1447115	2130184	3.13%	0.533%
44	15.828	2176	2183	2187	rBV2	299454	634202	0.93%	0.159%
45	16.140	2228	2236	2241	rVV	1069385	2399546	3.52%	0.601%
46	16.187	2241	2244	2250	rVB	716559	1030629	1.51%	0.258%
47	16.287	2257	2261	2267	rVB	677758	942059	1.38%	0.236%
48	16.498	2293	2297	2303	rVB2	448465	678884	1.00%	0.170%
49	16.645	2315	2322	2327	rBV	1821229	2810138	4.13%	0.703%
50	16.834	2348	2354	2356	rBV	1188803	1720467	2.53%	0.431%
51	16.887	2356	2363	2367	rVV	18488348	29161073	42.81%	7.299%
52	16.934	2367	2371	2373	rVV	1747964	2533336	3.72%	0.634%
53	16.963	2373	2376	2382	rVV	4857270	6409322	9.41%	1.604%
54	17.028	2382	2387	2392	rVV2	366799	690750	1.01%	0.173%
55	17.357	2438	2443	2447	rVV2	663501	976477	1.43%	0.244%
56	17.410	2447	2452	2464	rVB2	830203	1378482	2.02%	0.345%
57	17.551	2468	2476	2483	rVB2	552566	1164414	1.71%	0.291%
58	17.710	2497	2503	2507	rBV	3155965	4547255	6.67%	1.138%
59	17.757	2507	2511	2519	rVB	3790965	4904427	7.20%	1.228%
60	17.834	2519	2524	2529	rBV	1279073	1737700	2.55%	0.435%
61	17.898	2529	2535	2539	rBV2	4695718	7878324	11.56%	1.972%
62	17.939	2539	2542	2552	rVB	2176170	2770268	4.07%	0.693%
63	18.216	2584	2589	2593	rBV	1707591	2291609	3.36%	0.574%
64	18.639	2651	2661	2665	rBV2	1539343	2751434	4.04%	0.689%
65	18.698	2665	2671	2674	rBV3	920427	1495194	2.19%	0.374%
66	18.728	2674	2676	2680	rVB	682122	813757	1.19%	0.204%
67	18.781	2680	2685	2687	rBV	509134	838590	1.23%	0.210%
68	18.904	2700	2706	2714	rBV	8510287	11356340	16.67%	2.843%
69	19.051	2727	2731	2736	rVB	2390765	3026386	4.44%	0.758%
70	19.239	2758	2763	2764	rBV	2162091	2779634	4.08%	0.696%
71	19.275	2764	2769	2777	rVB	11139843	16715693	24.54%	4.184%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

72	19.598	2819	2824	2835	rVB2	886612	1822906	2.68%	0.456%
73	19.739	2842	2848	2849	rBV3	831025	1233826	1.81%	0.309%
74	19.769	2850	2853	2858	rVB	2173652	2959577	4.34%	0.741%
75	19.875	2866	2871	2876	rVB	2030455	2454219	3.60%	0.614%
76	19.928	2876	2880	2884	rBV2	1359596	1718857	2.52%	0.430%
77	20.069	2900	2904	2908	rVV	1116637	1449724	2.13%	0.363%
78	20.116	2908	2912	2918	rVB	1442949	2062164	3.03%	0.516%
79	20.486	2970	2975	2979	rBV2	343453	740832	1.09%	0.185%
80	20.686	3006	3009	3013	rVV	654776	809027	1.19%	0.203%
81	20.728	3013	3016	3019	rVB	948480	1005899	1.48%	0.252%
82	21.033	3062	3068	3073	rBV2	5911405	9955204	14.61%	2.492%
83	21.080	3073	3076	3083	rVB	4146728	5215127	7.66%	1.305%
84	21.586	3155	3162	3167	rVV	1194592	2273120	3.34%	0.569%
85	21.633	3167	3170	3175	rVV	692205	1018974	1.50%	0.255%
86	21.698	3176	3181	3183	rVV2	485038	858047	1.26%	0.215%
87	21.728	3183	3186	3189	rVV3	648722	838869	1.23%	0.210%
88	21.769	3189	3193	3195	rVV2	635775	867331	1.27%	0.217%
89	21.798	3195	3198	3203	rVV2	974395	1298895	1.91%	0.325%
90	22.545	3319	3325	3336	rBV2	1903512	5619599	8.25%	1.407%
91	22.698	3346	3351	3357	rVB	733241	1156641	1.70%	0.290%
92	22.986	3393	3400	3403	rBV	1500638	2673672	3.92%	0.669%
93	23.027	3403	3407	3411	rVV	1455837	2741398	4.02%	0.686%
94	23.075	3411	3415	3421	rVV	3313194	5274270	7.74%	1.320%
95	23.157	3424	3429	3434	rVV	1076791	2080436	3.05%	0.521%
96	23.204	3434	3437	3445	rVB2	530207	980516	1.44%	0.245%
97	23.957	3560	3565	3576	rVB2	441087	1000449	1.47%	0.250%
98	25.221	3772	3780	3790	rVB	955458	2422568	3.56%	0.606%
99	25.845	3879	3886	3897	rVB	726087	1886815	2.77%	0.472%
100	26.174	3936	3942	3956	rVB3	331624	1034743	1.52%	0.259%

Sum of corrected areas: 399497889

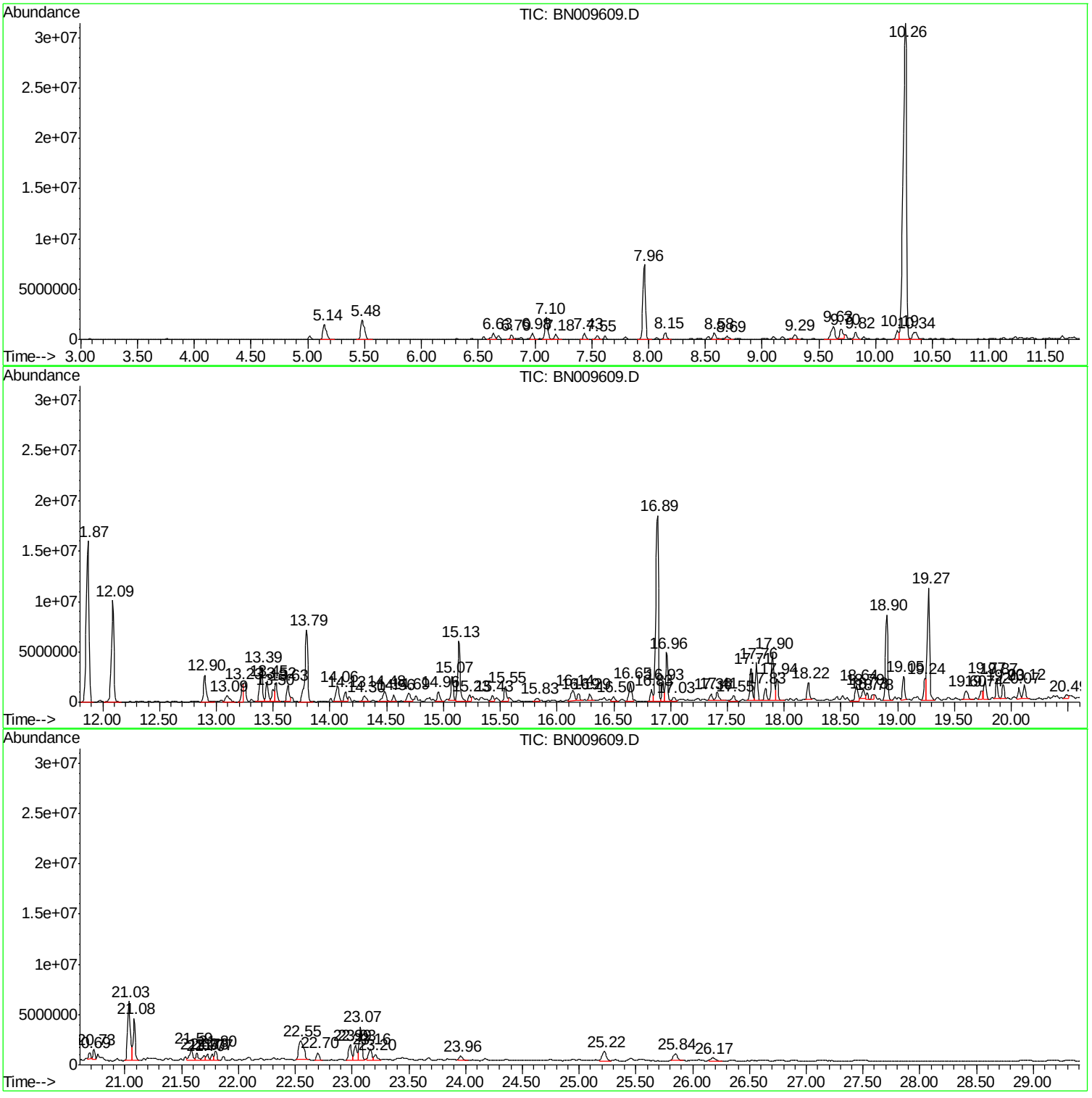
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009609.D
Acq On : 06 Feb 2020 14:32
Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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 N\DATA\BN020620\
Data File : BN009609.D
Acq On : 06 Feb 2020 14:32
Operator : CG/JU
Sample : L1323-18
Misc :
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Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

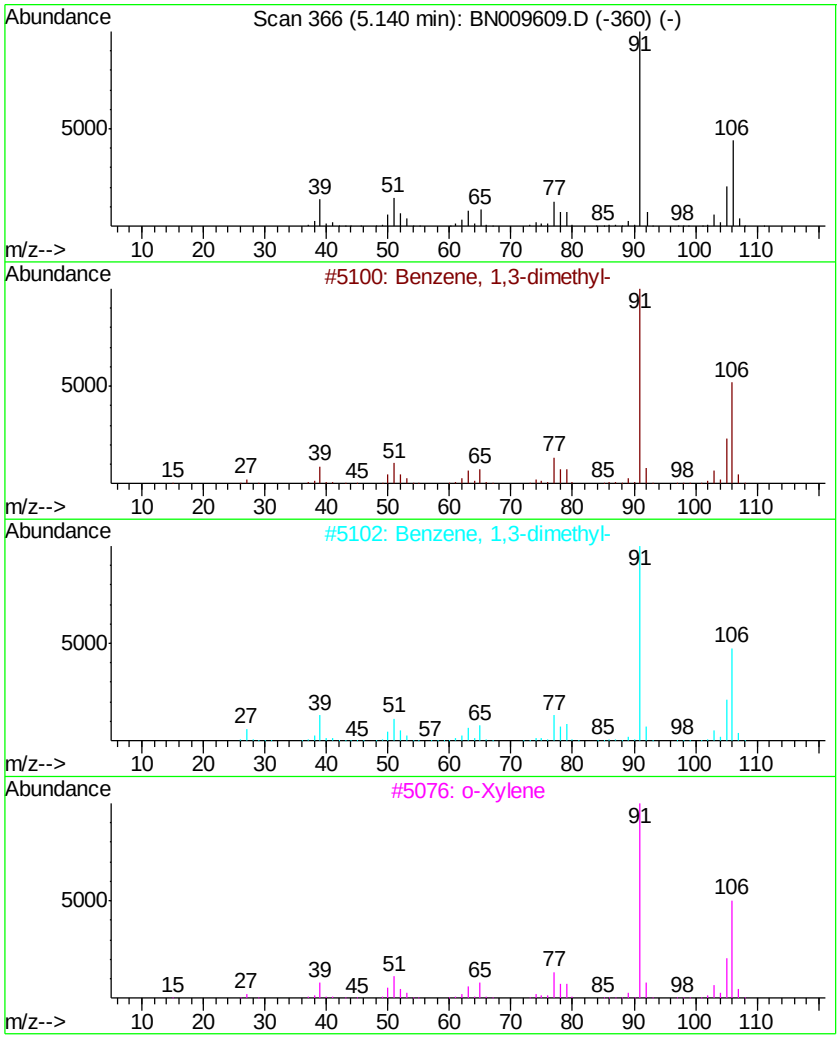
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

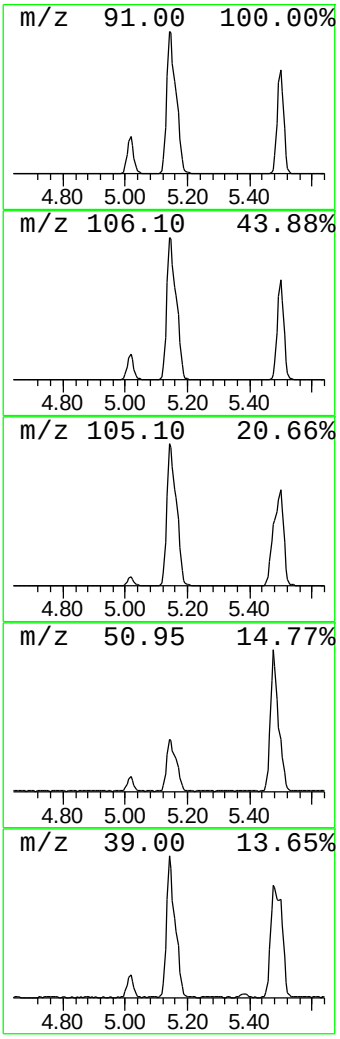
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	66.05 ng/ul	3128090	1,4-Dichlorobenzene-d4	7.43

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009609.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

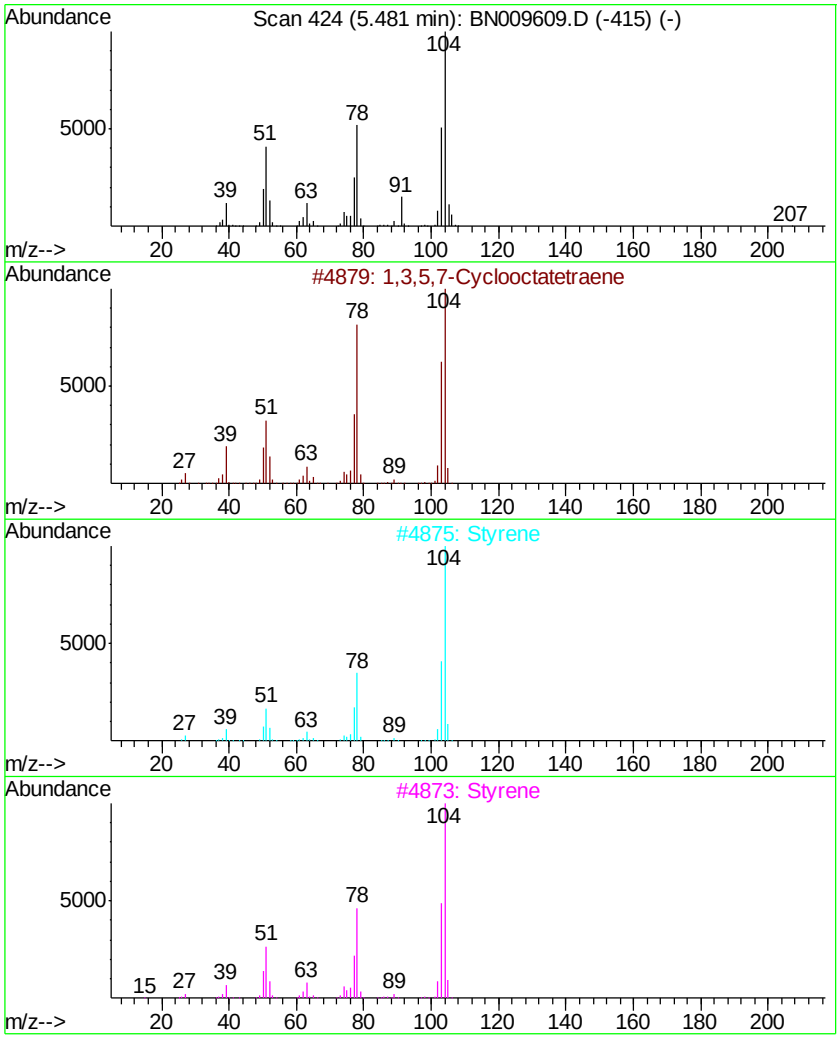
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

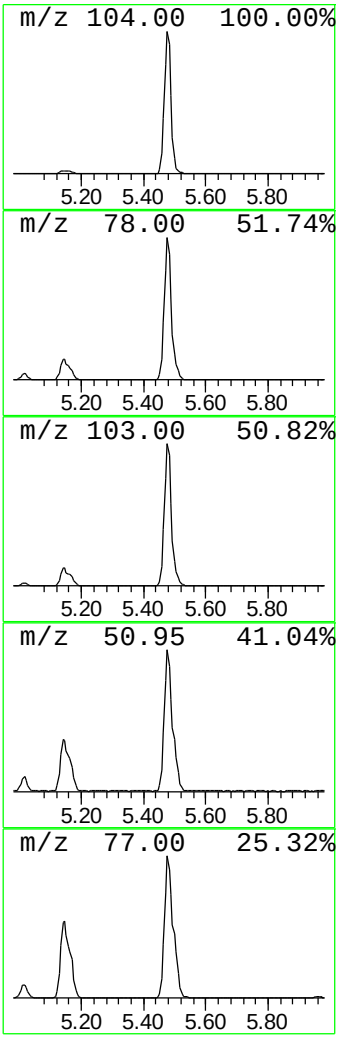
****

Peak Number 2 1,3,5,7-Cyclooctatetraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	89.65 ng/ul	4245810	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
2	Styrene	104	C8H8	000100-42-5	95
3	Styrene	104	C8H8	000100-42-5	95
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

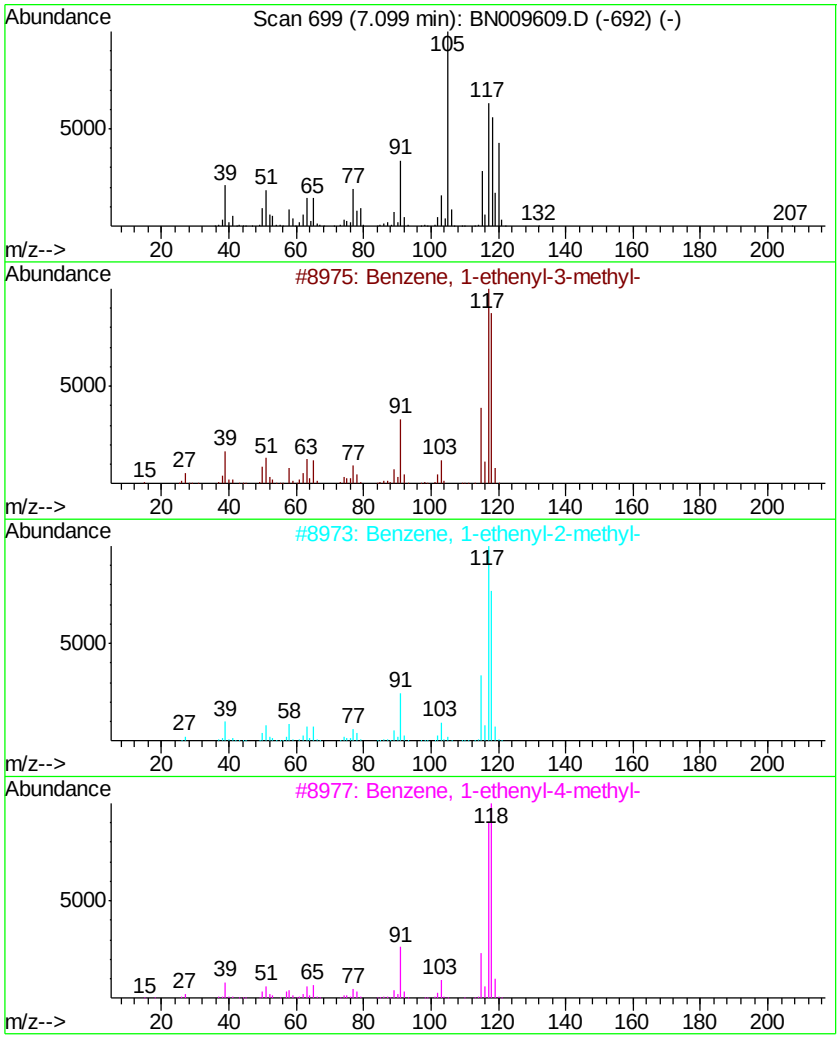
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

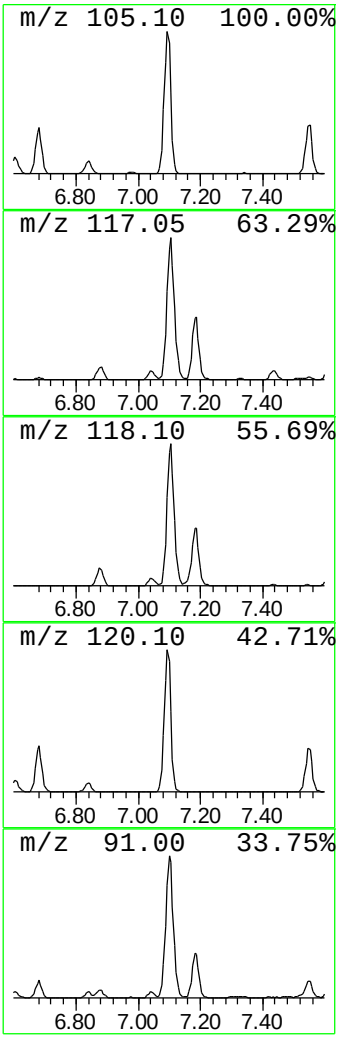
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	81.20 ng/ul	3845470	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
4	2,4-Nonadiyne	120	C9H12	063621-15-8	83
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

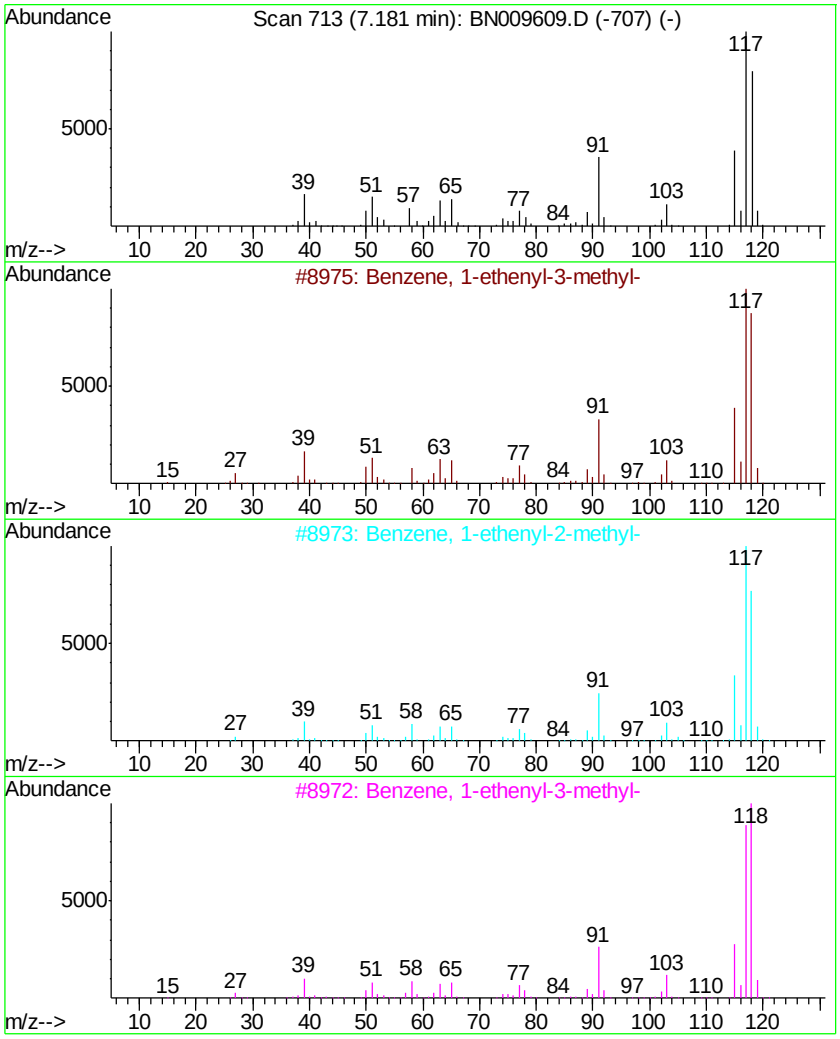
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

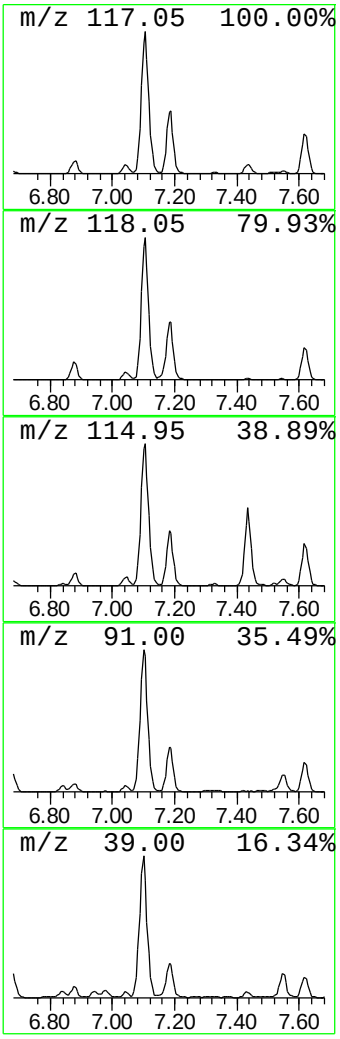
****

Peak Number 4 (Z)-1-Phenylpropene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	16.91 ng/ul	800906	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009609.D
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Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

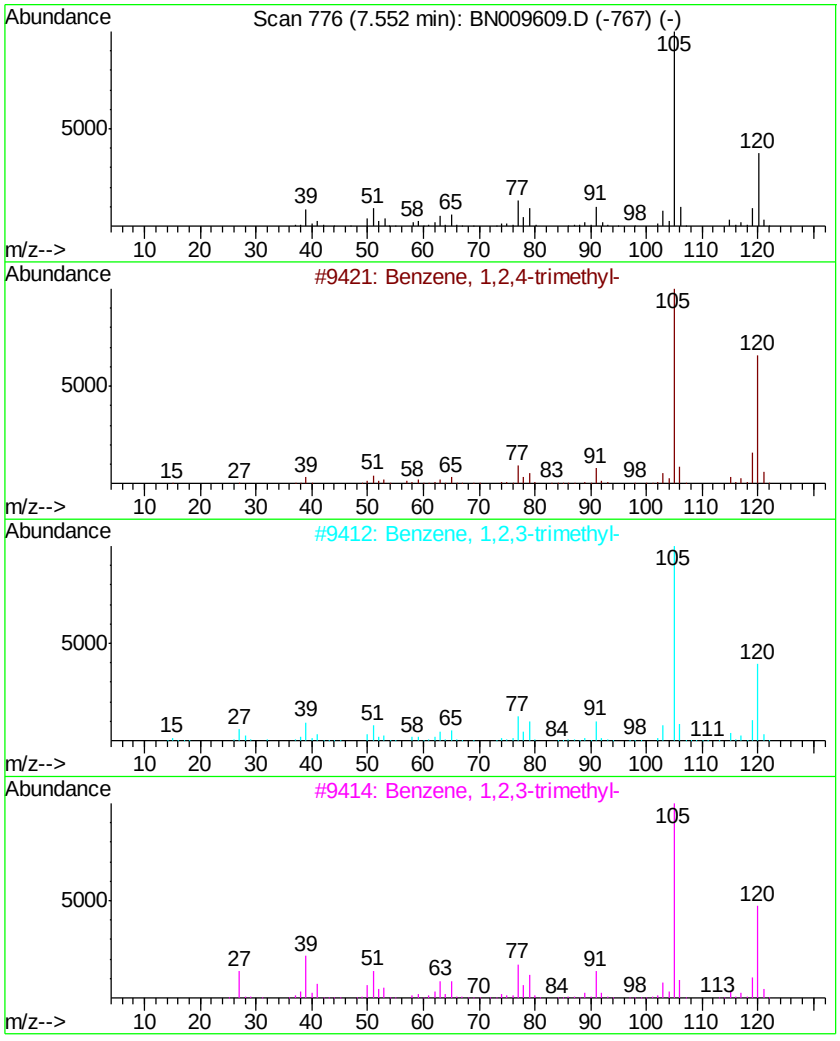
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

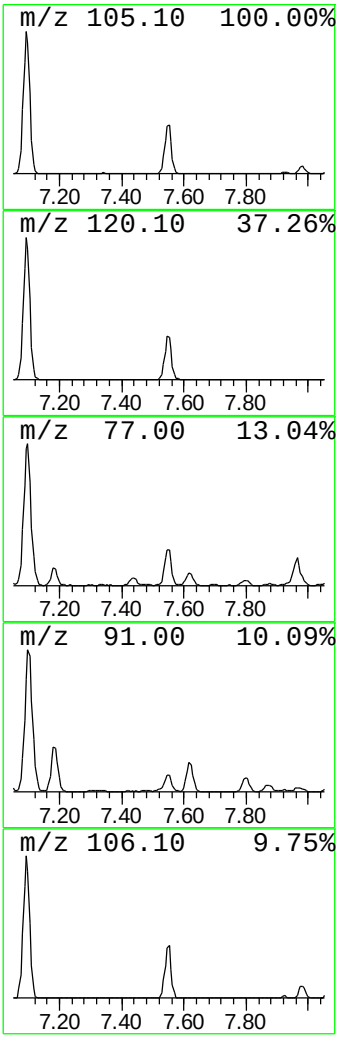
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	13.75 ng/ul	651118	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Mesitylene	120	C9H12	000108-67-8	93
5	Mesitylene	120	C9H12	000108-67-8	93





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Sample : L1323-18
Misc :
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Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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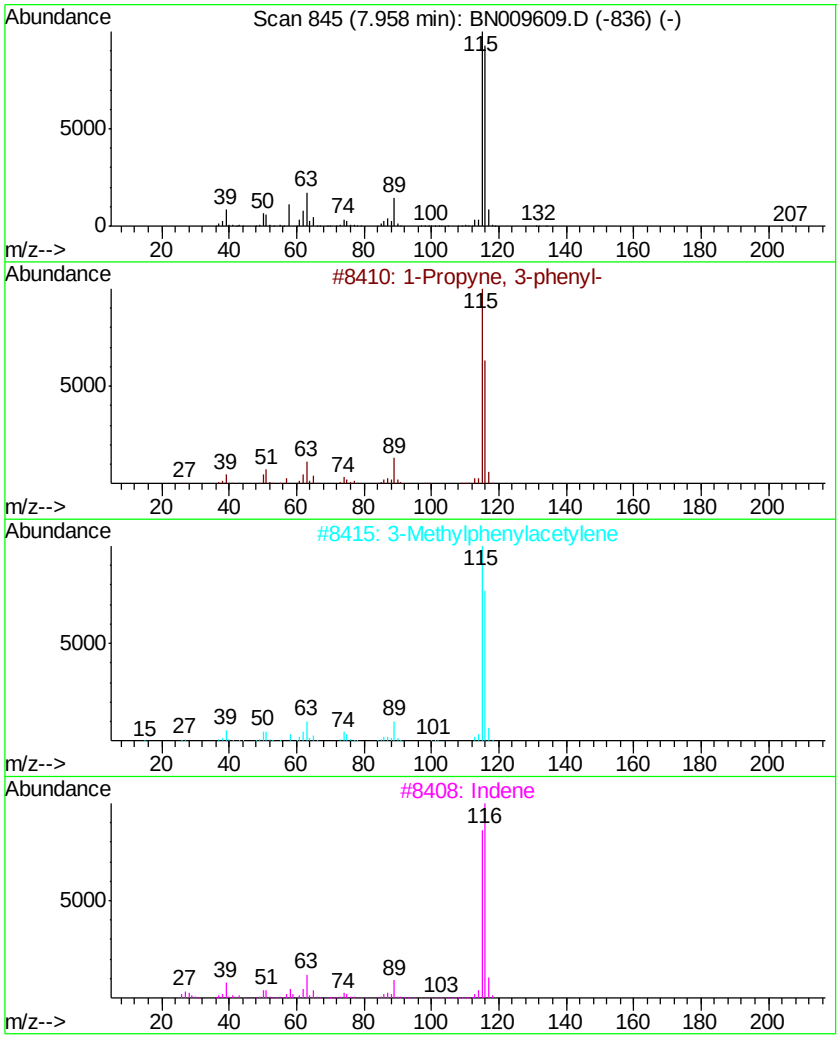
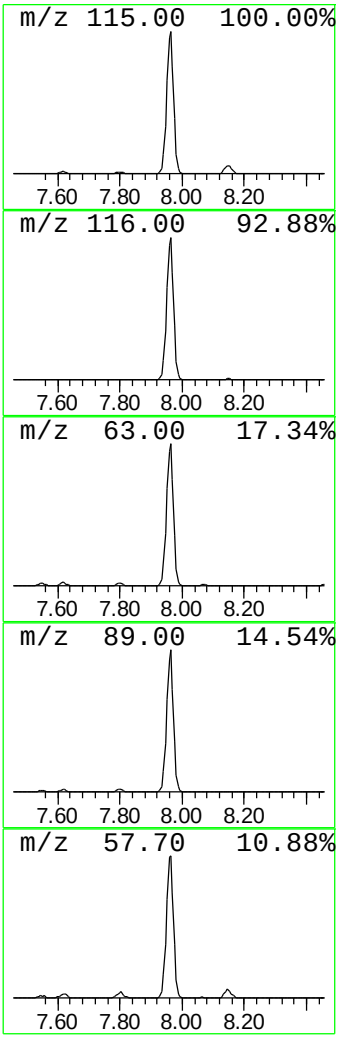
Peak Number 6 1-Propyne, 3-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	248.57 ng/ul	11772200	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Indene	116	C9H8	000095-13-6	91
4	Indene	116	C9H8	000095-13-6	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





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Quant Title : SVOA CALIBRATION

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

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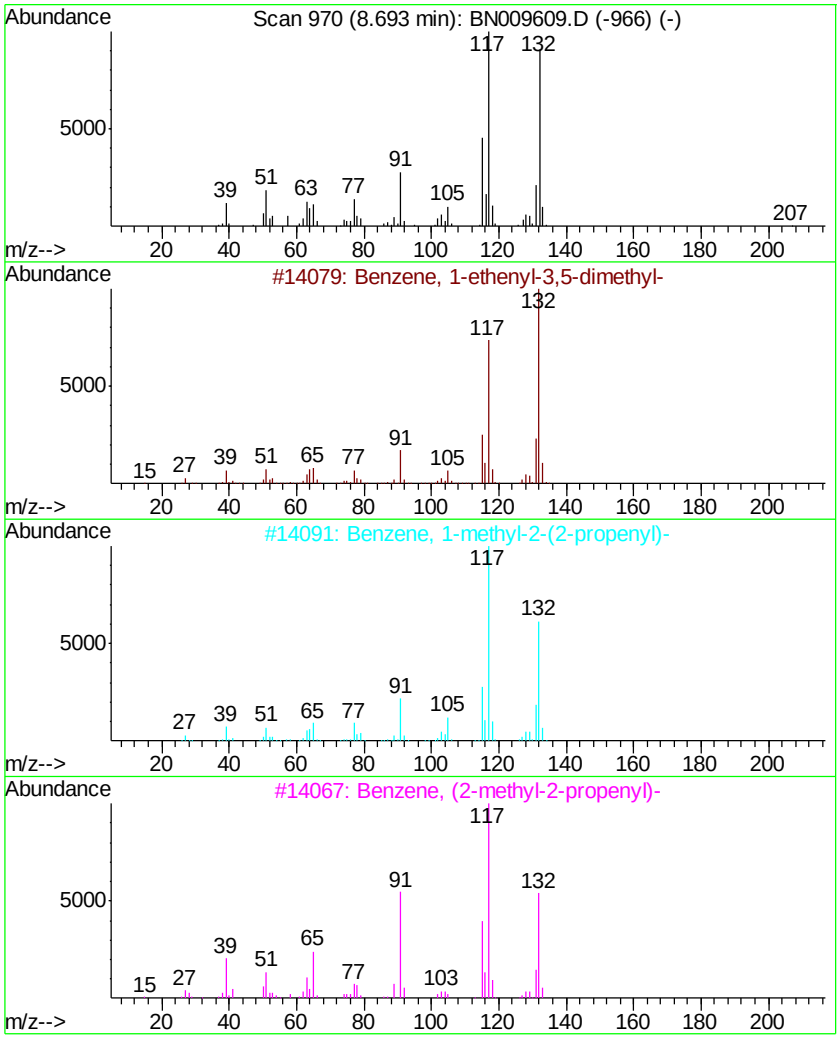
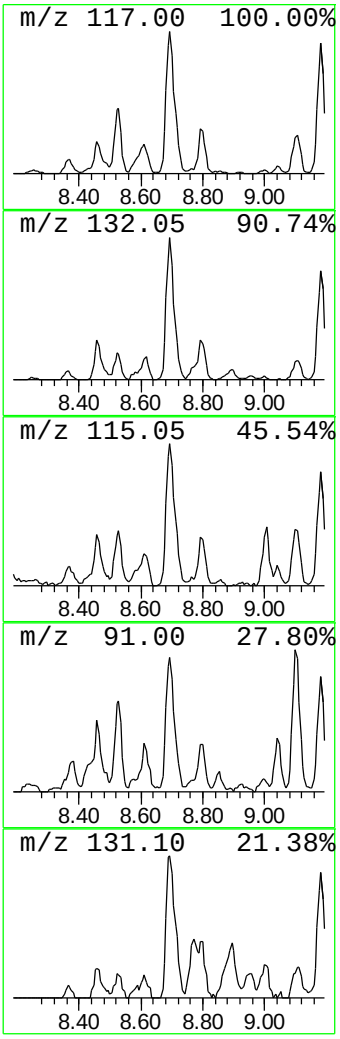
Peak Number 7 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	13.33 ng/ul	631184	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94





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ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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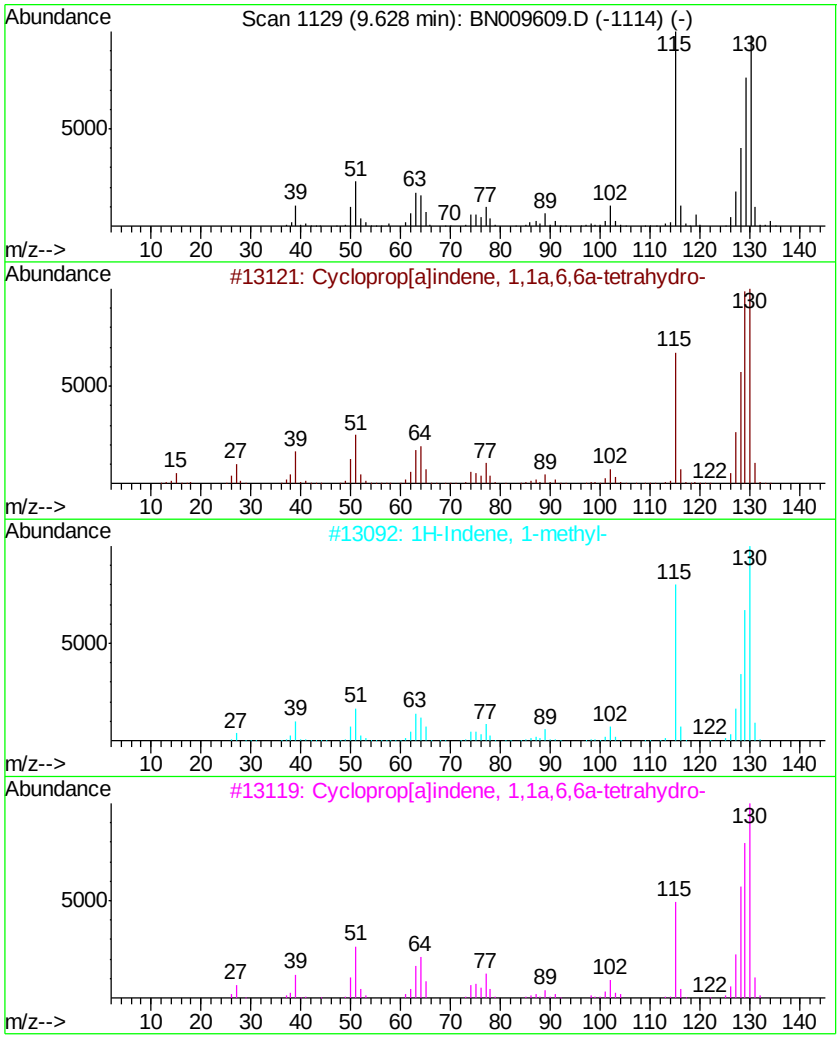
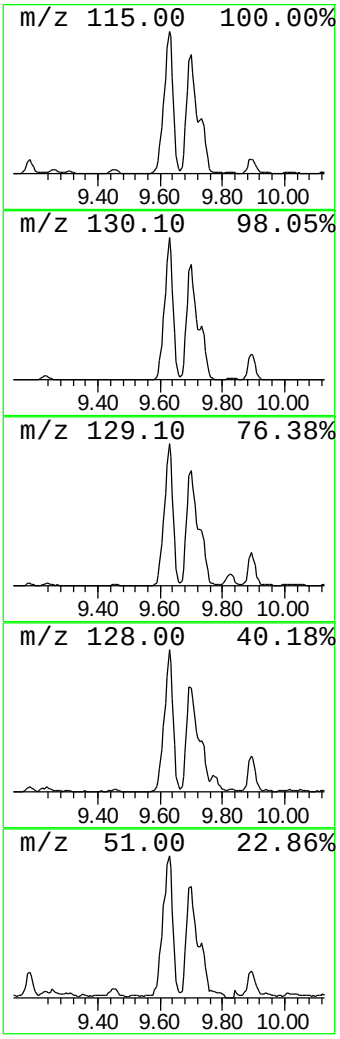
Peak Number 8 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	43.17 ng/ul	3089680	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95





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Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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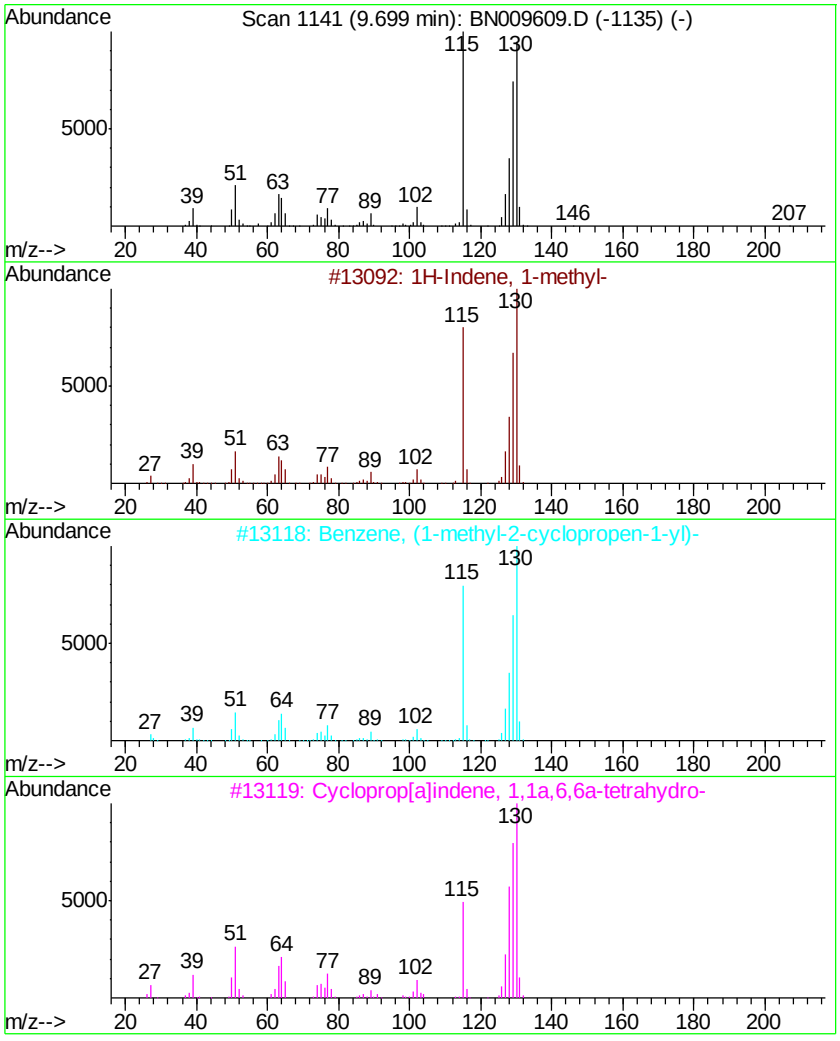
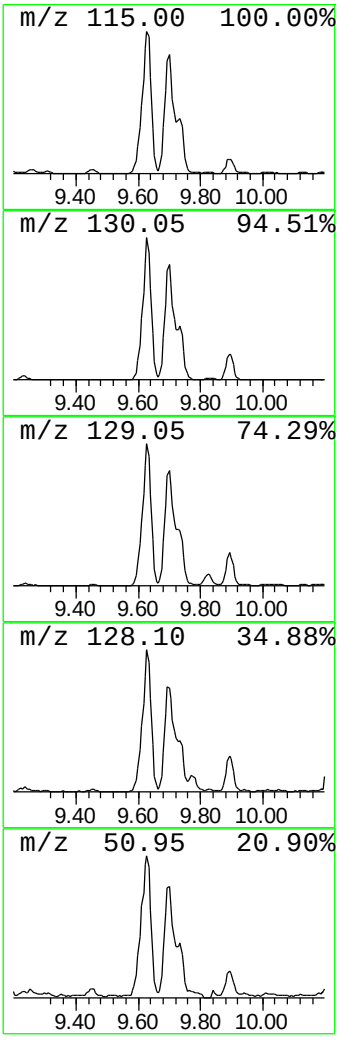
Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	27.59 ng/ul	1975060	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	2-Methylindene	130	C10H10	002177-47-1	95





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Quant Title : SVOA CALIBRATION

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

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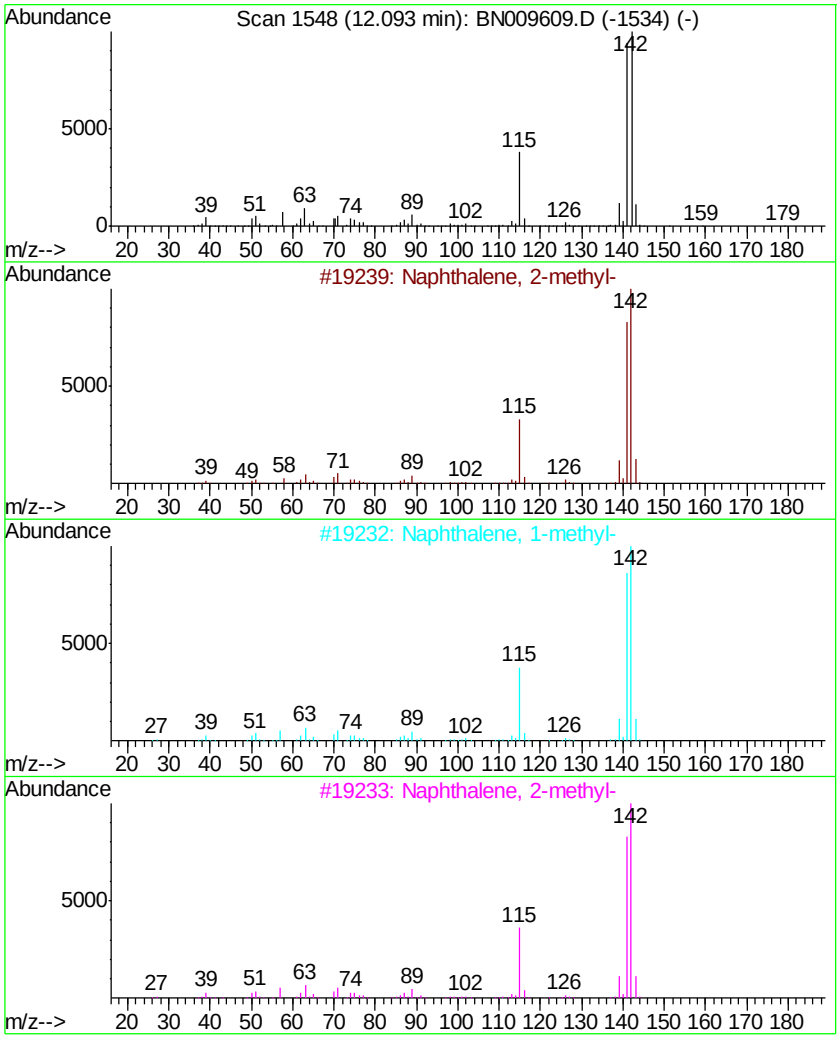
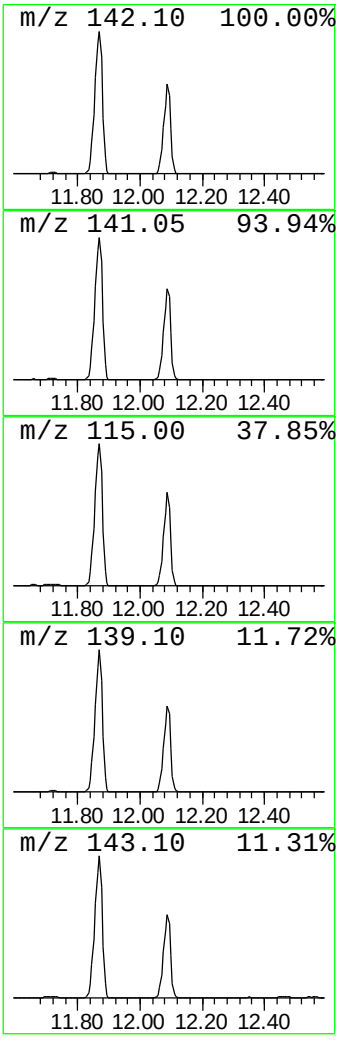
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	220.14 ng/ul	15756700	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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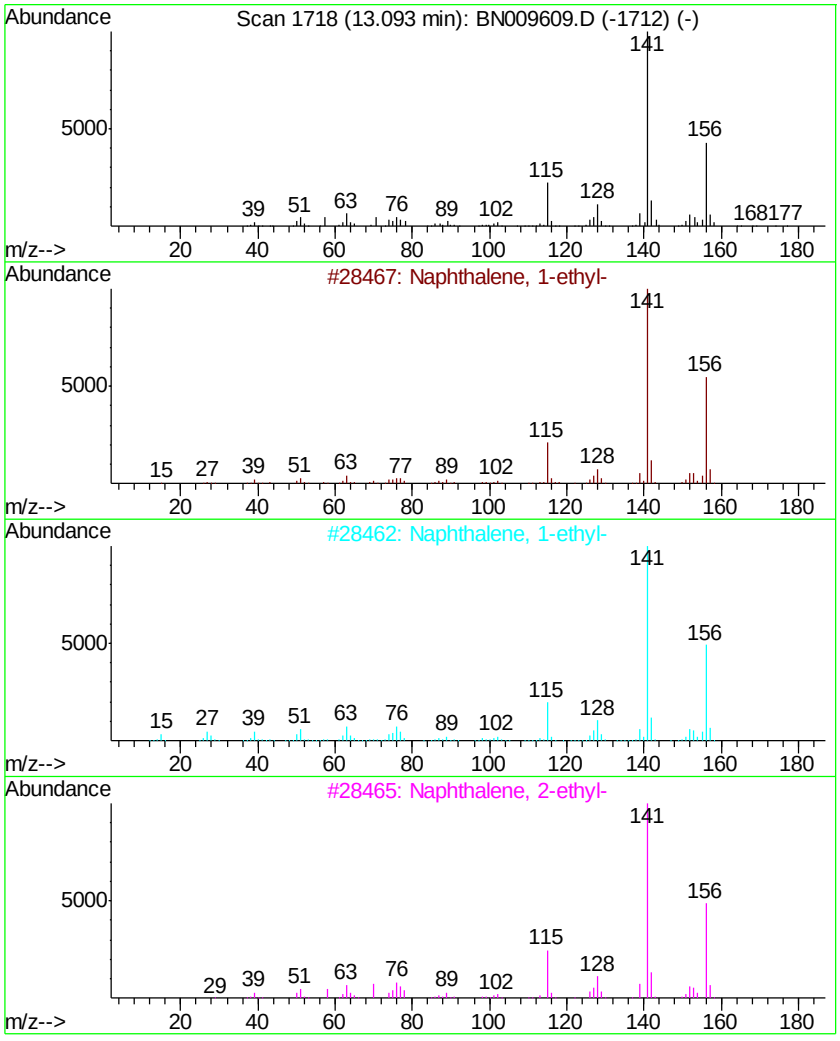
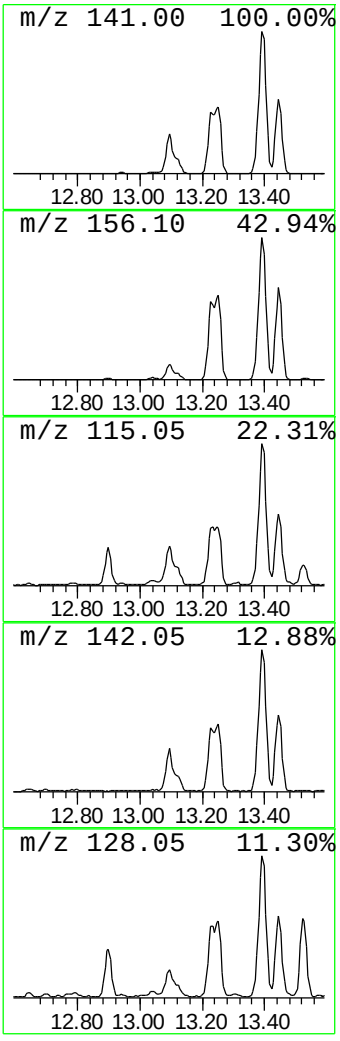
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	9.76 ng/ul	1506070	Acenaphthene-d10	14.07

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, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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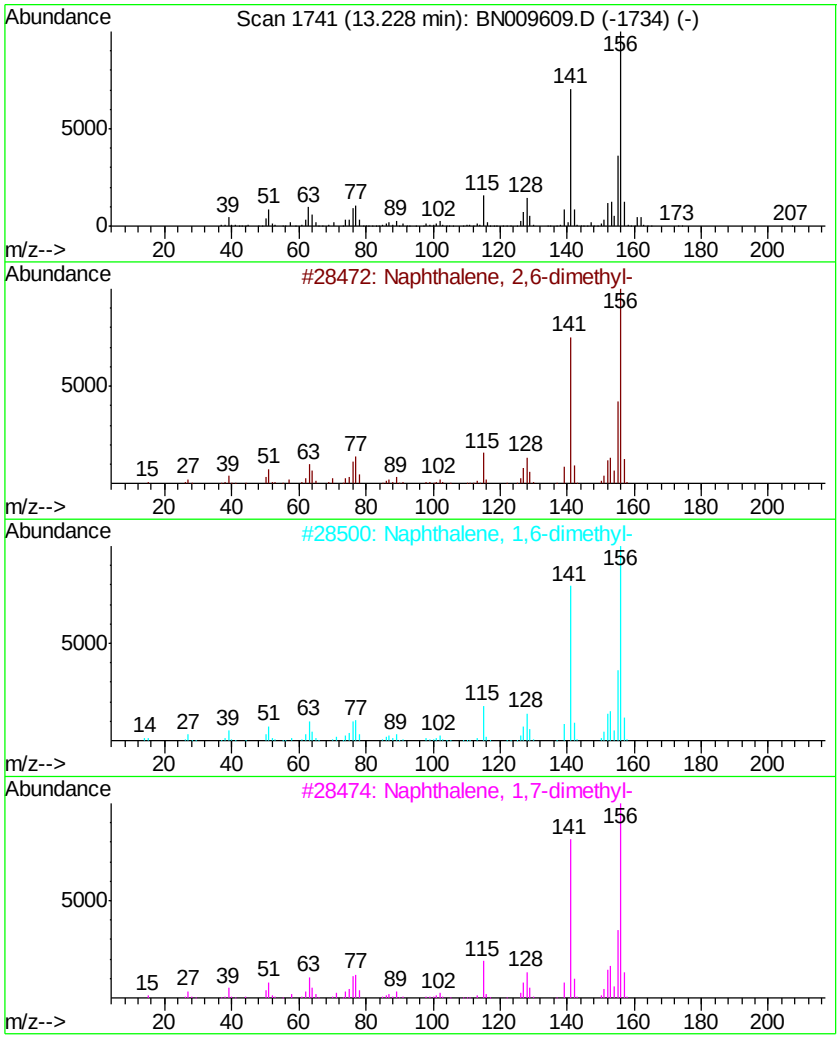
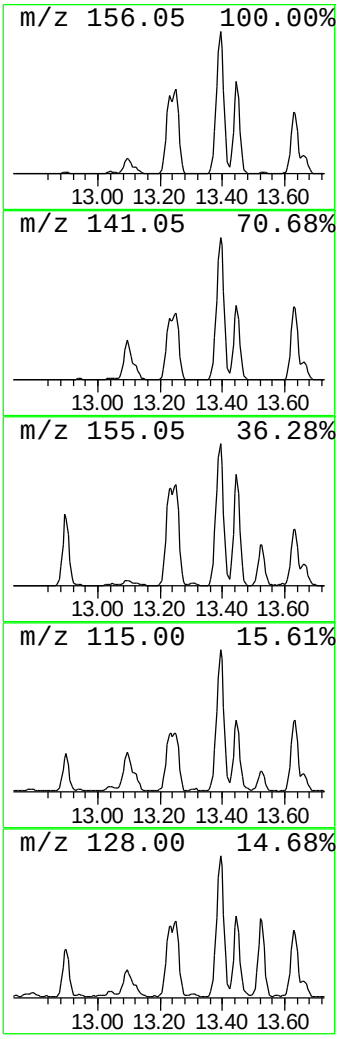
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	18.58 ng/ul	2867270	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Instrument : BNA_N
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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, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	39.01 ng/ul	6018730	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
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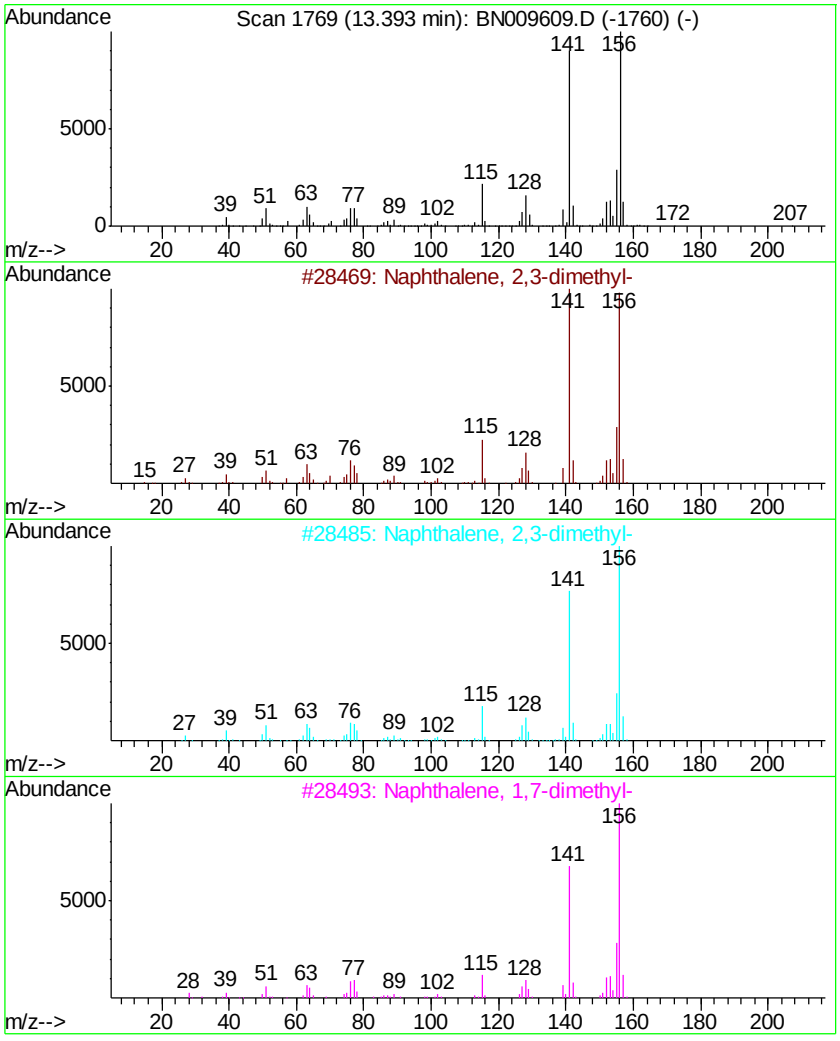

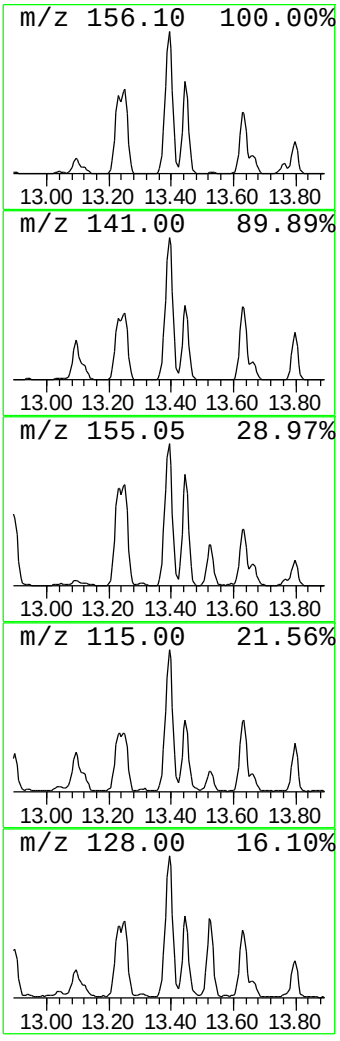

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Quant Title : SVOA CALIBRATION

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

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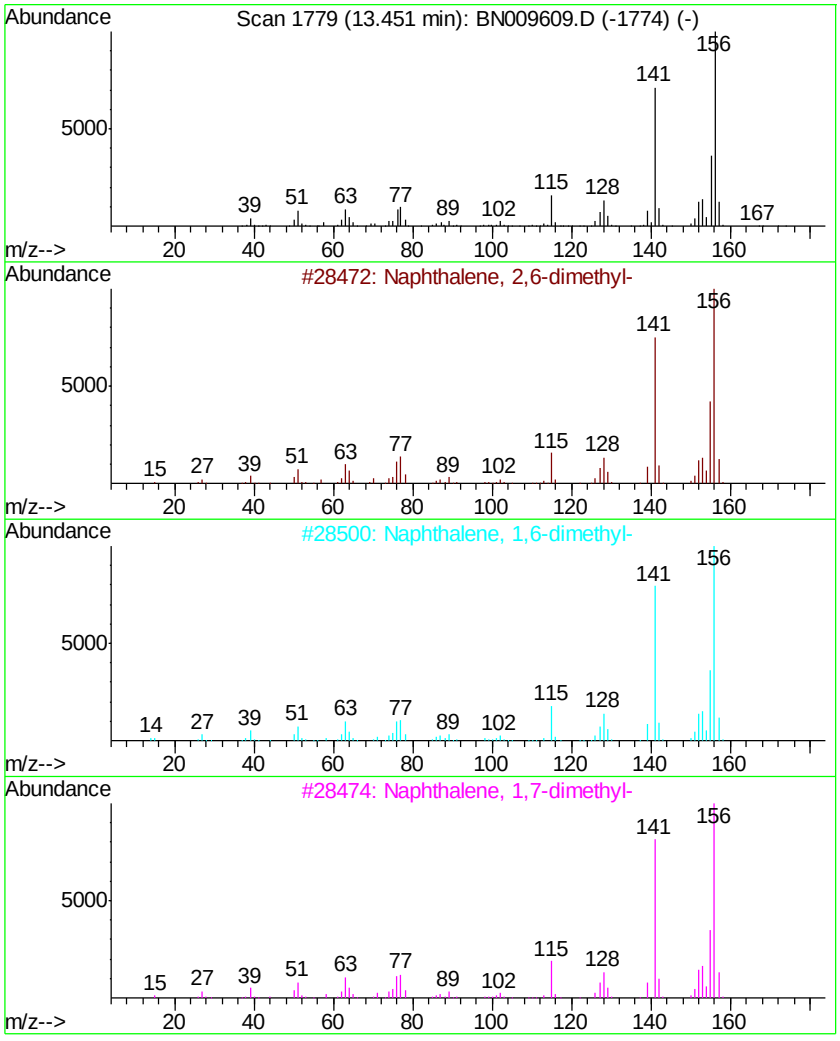
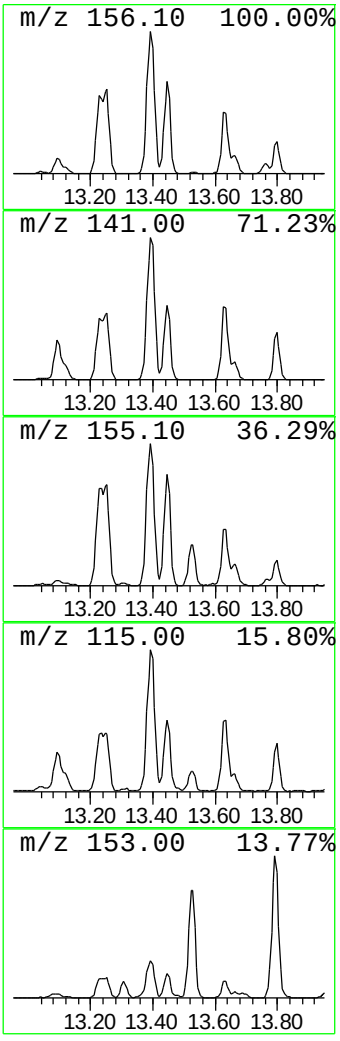
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	20.34 ng/ul	3138470	Acenaphthene-d10	14.07

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





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Quant Title : SVOA CALIBRATION

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

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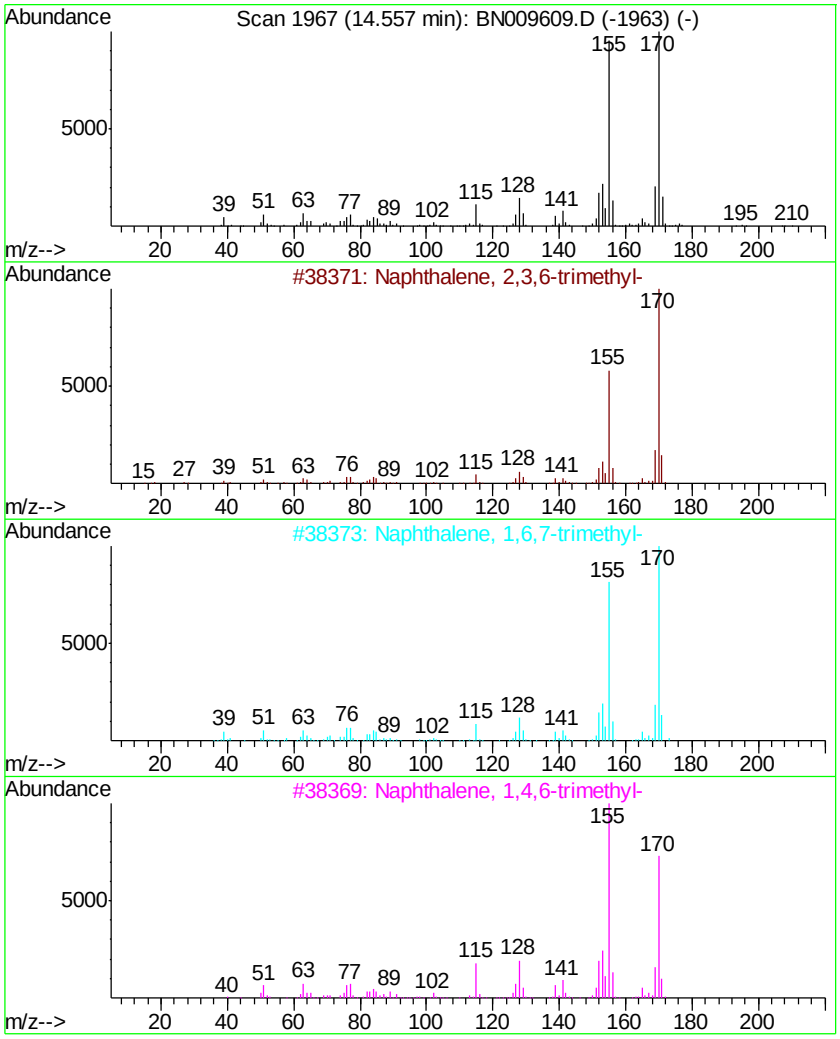
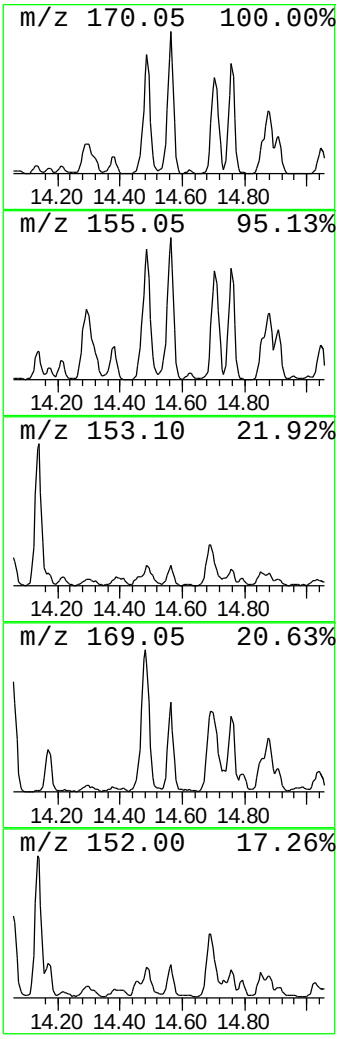
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.56 ng/ul	858245	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Quant Title : SVOA CALIBRATION

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

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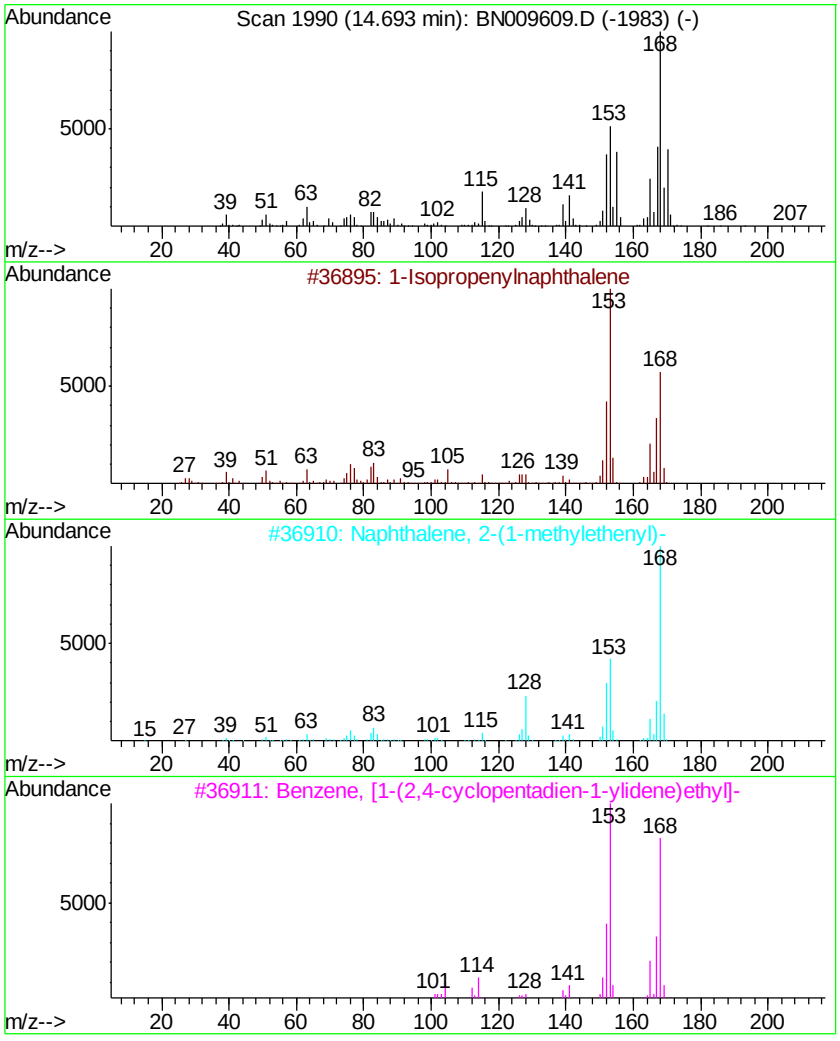
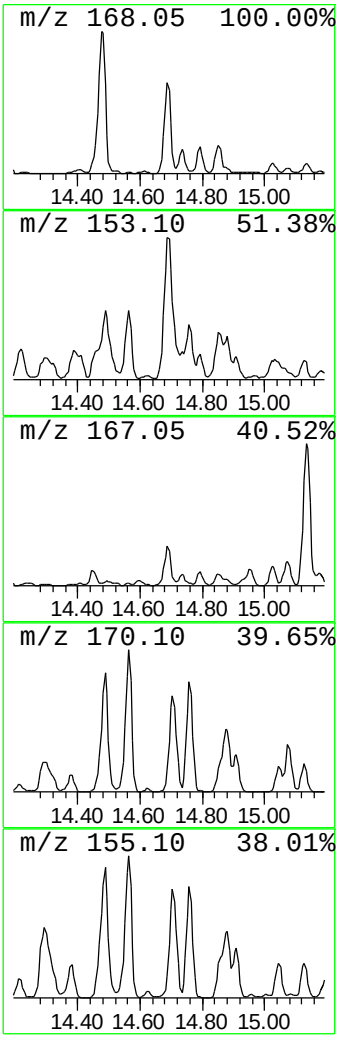
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	11.86 ng/ul	1829420	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35





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ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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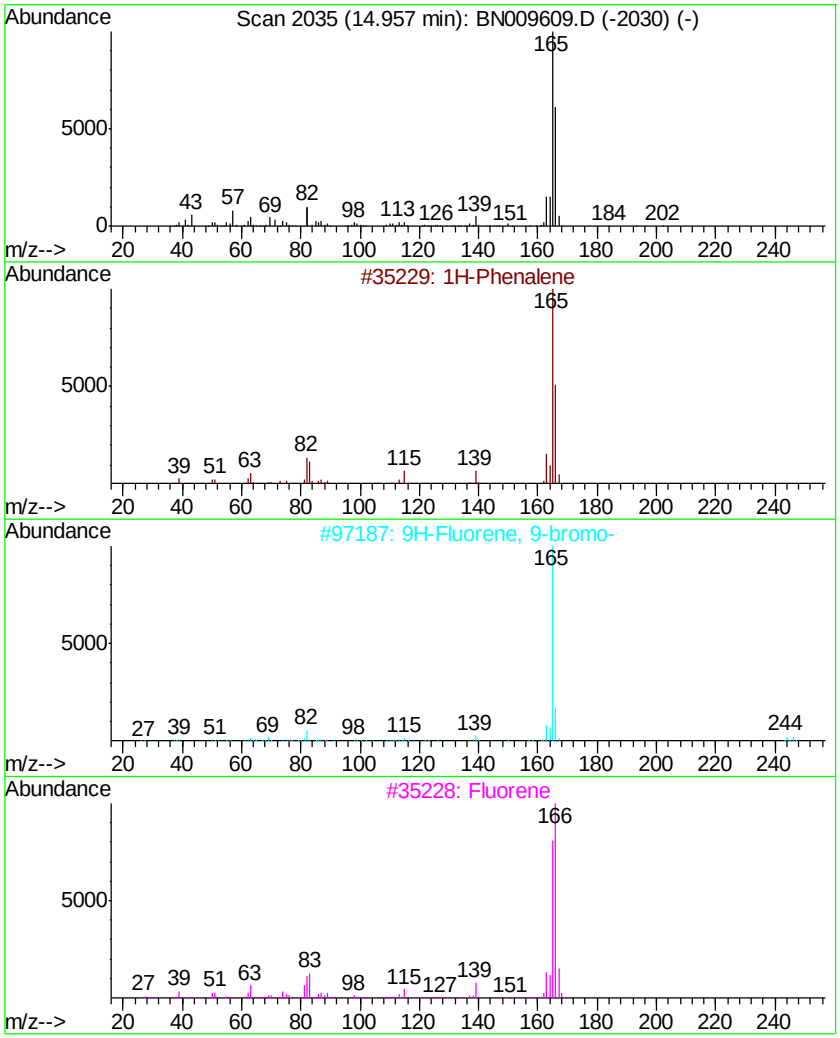
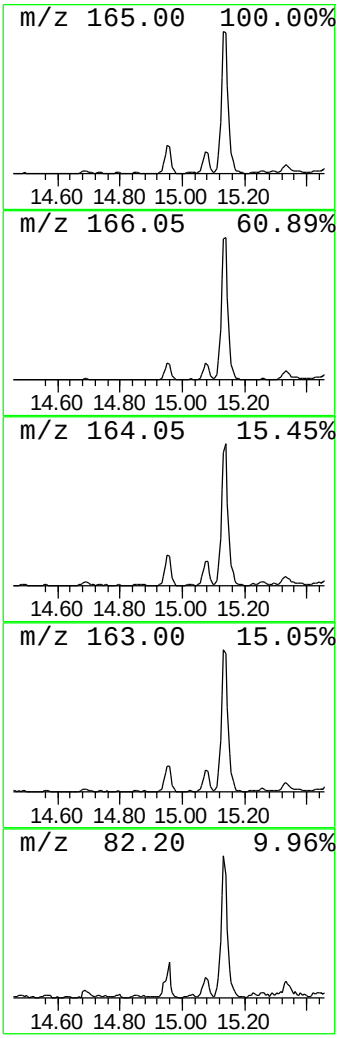
Peak Number 18 1H-Phenalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	10.38 ng/ul	1602250	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	83
2	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	40
3	Fluorene	166	C13H10	000086-73-7	38
4	Fluorene	166	C13H10	000086-73-7	37
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	28





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Acq On : 06 Feb 2020 14:32
Operator : CG/JU
Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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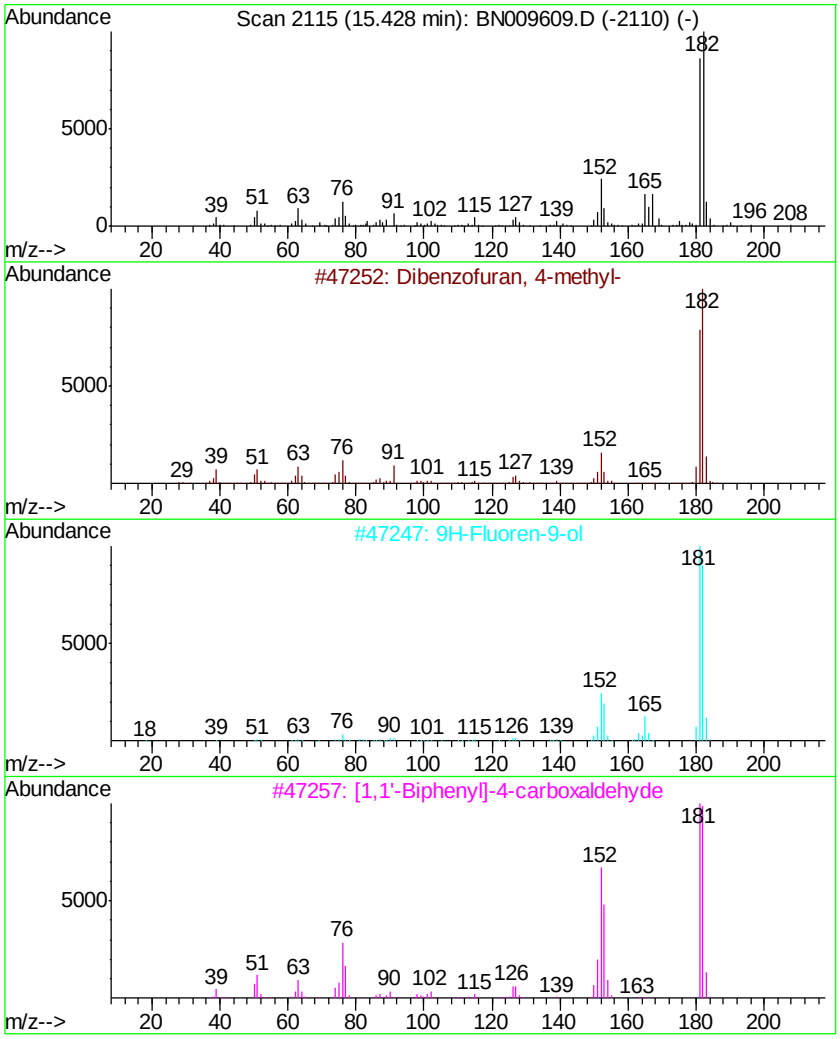
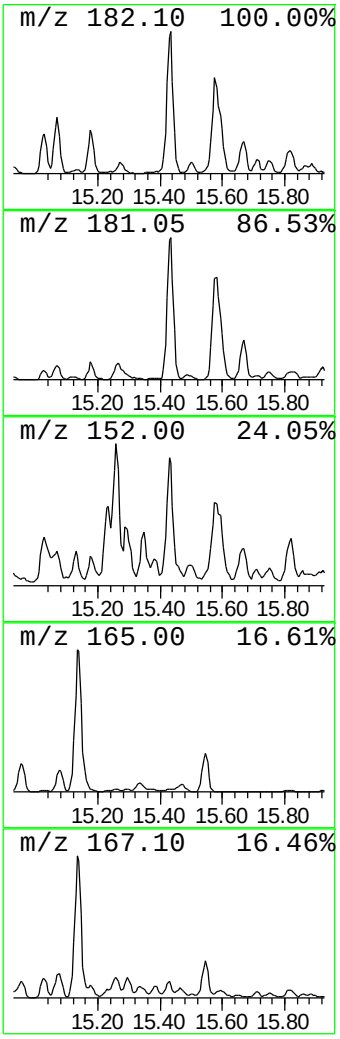
Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	5.71 ng/ul	881491	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59





Library Search Compound Report

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Sample : L1323-18
Misc :
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Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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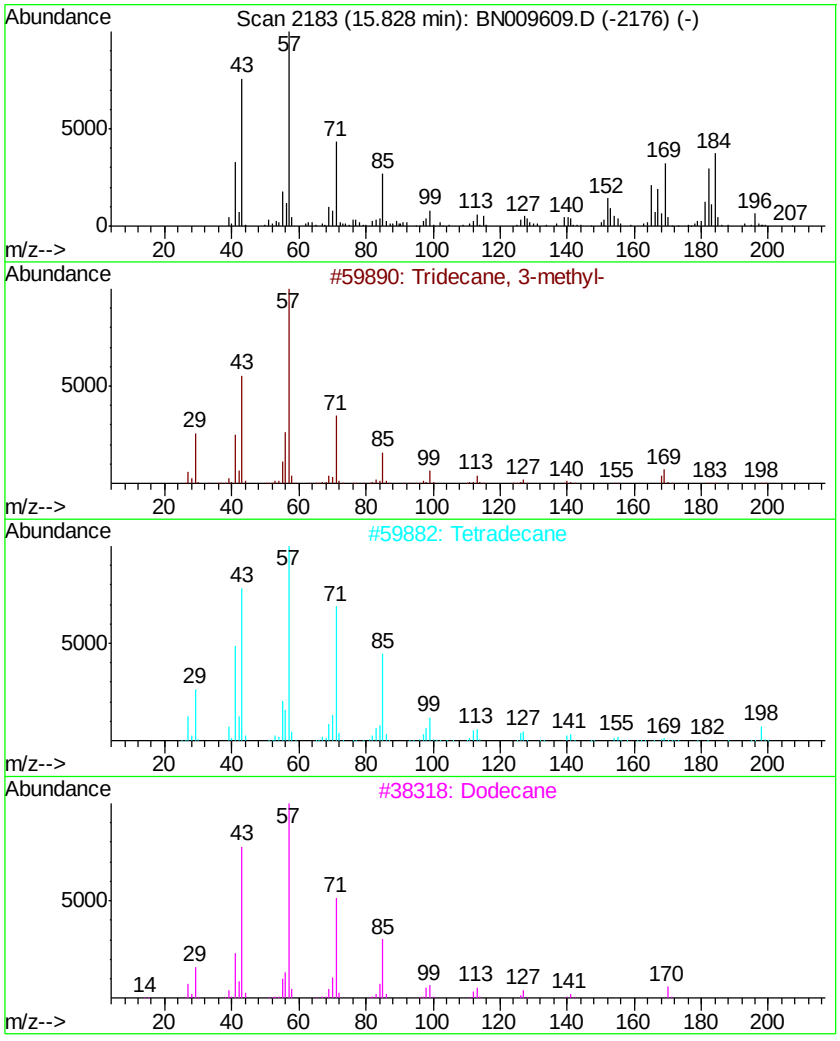
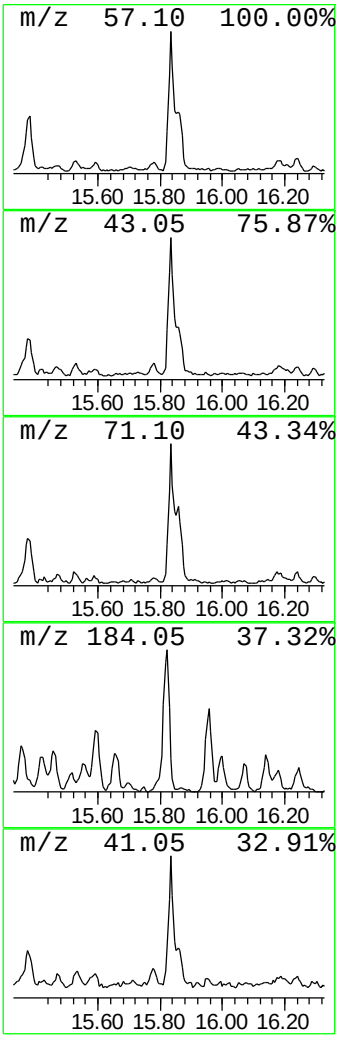
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	7.37 ng/ul	634202	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2	Tetradecane	198	C14H30	000629-59-4	35
3	Dodecane	170	C12H26	000112-40-3	35
4	Tetradecane	198	C14H30	000629-59-4	35
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	25





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Quant Title : SVOA CALIBRATION

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

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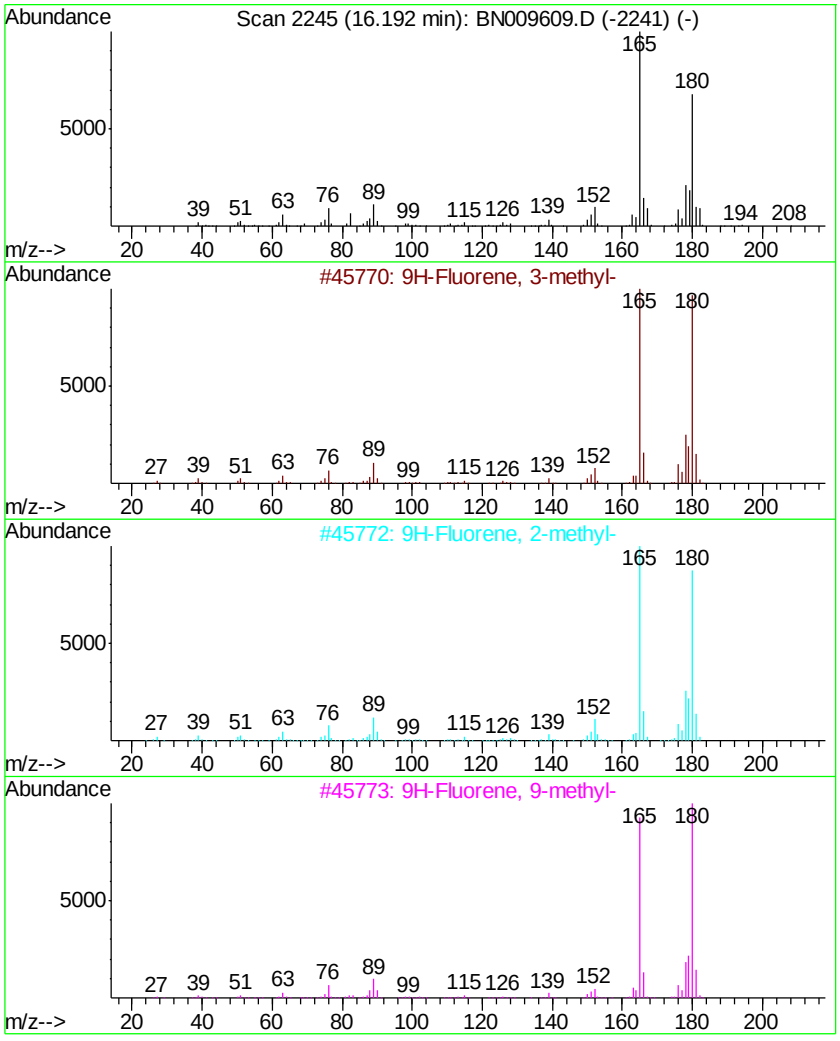
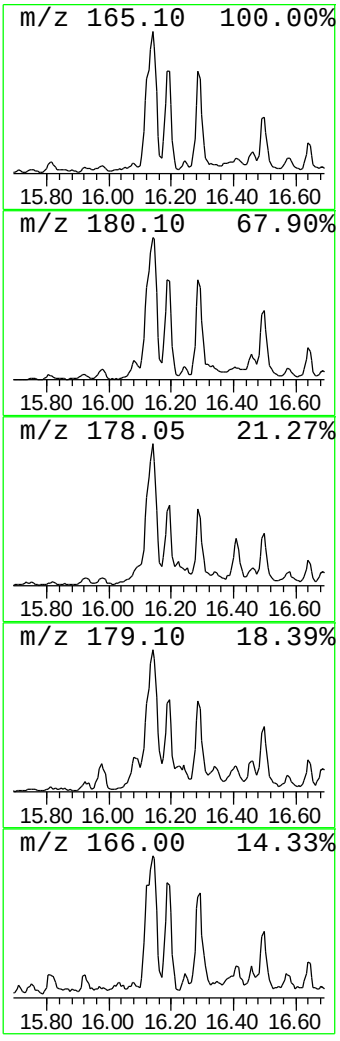
Peak Number 23 9H-Fluorene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	11.98 ng/ul	1030630	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91





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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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Quant Title : SVOA CALIBRATION

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

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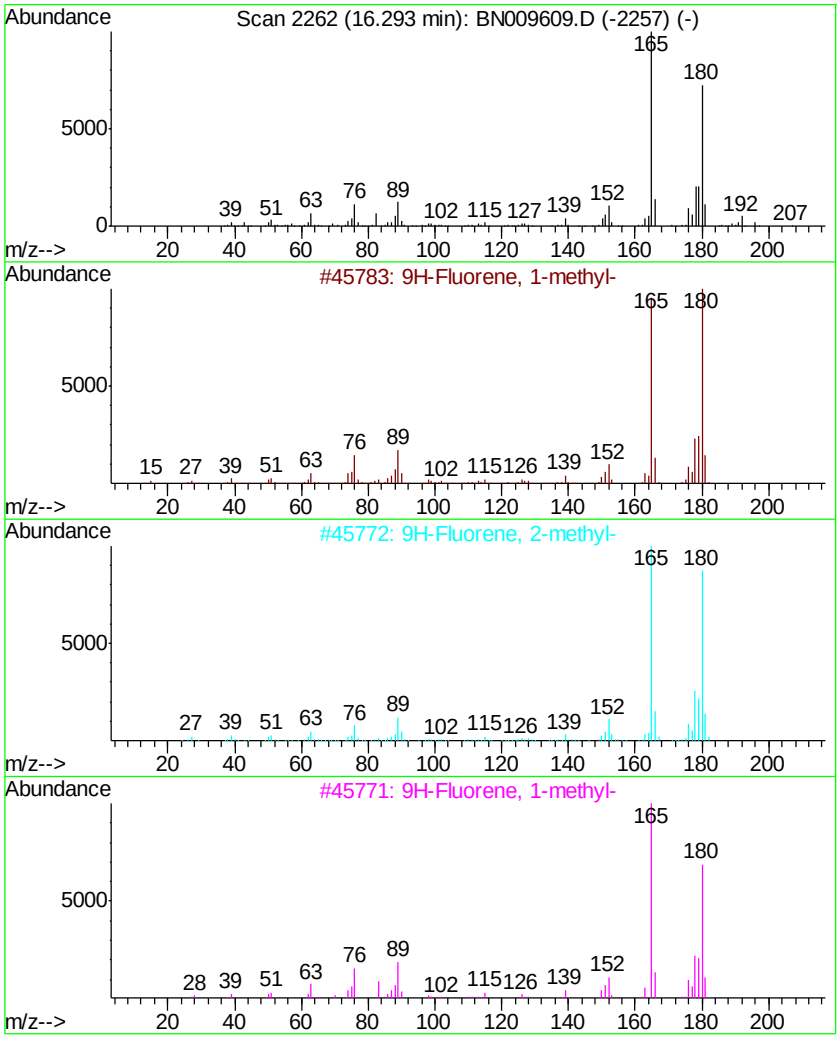
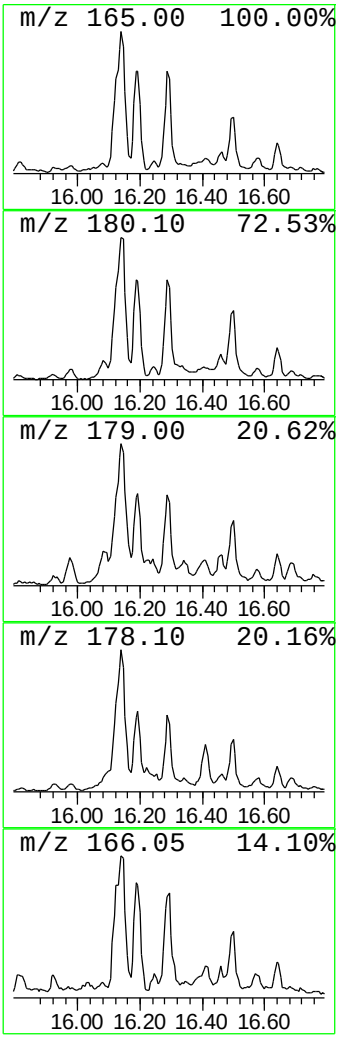
Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	10.95 ng/ul	942059	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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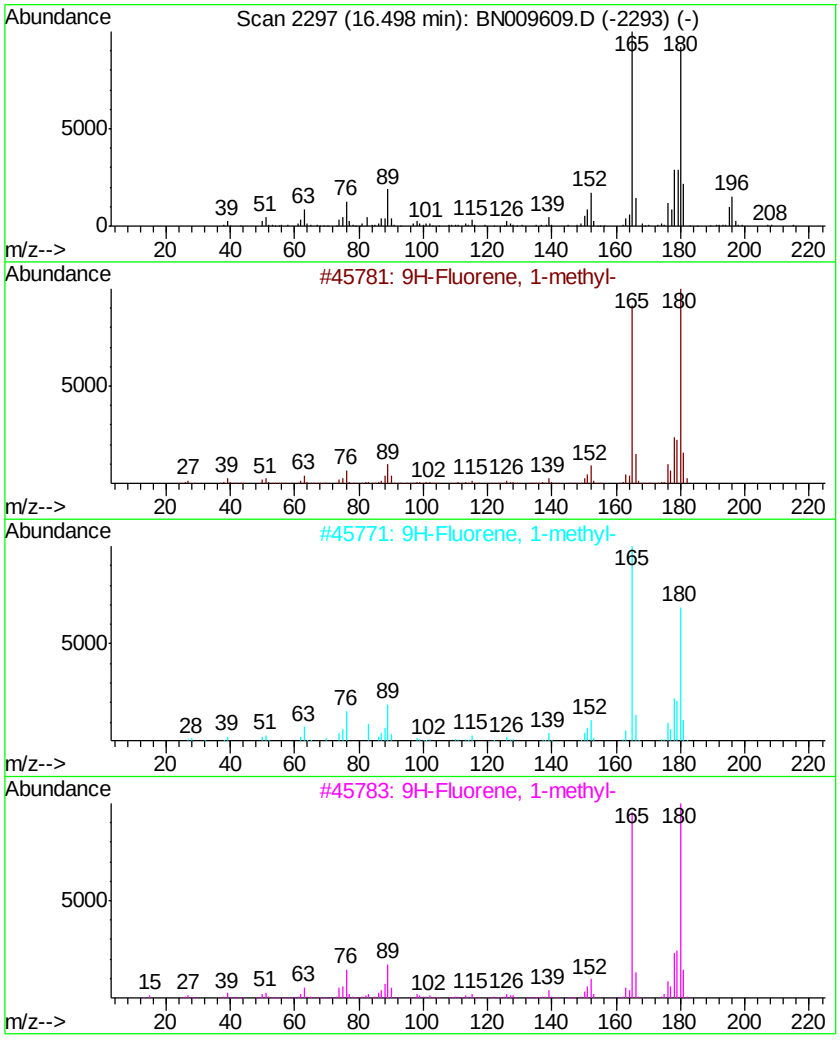
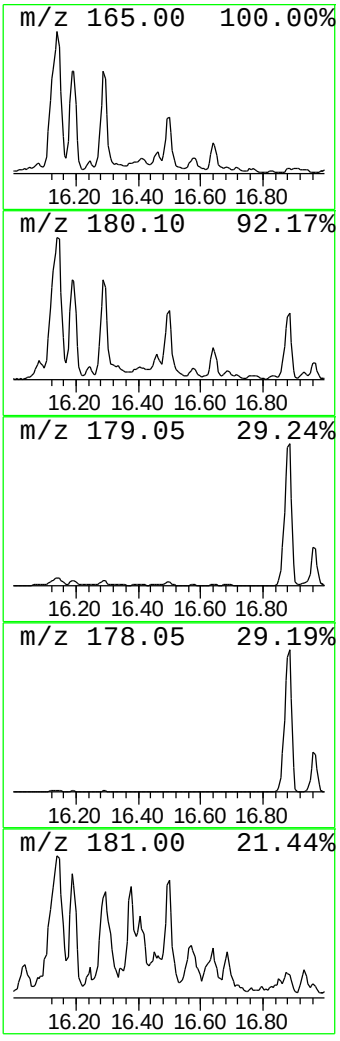
Peak Number 25 9H-Fluorene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	7.89 ng/ul	678884	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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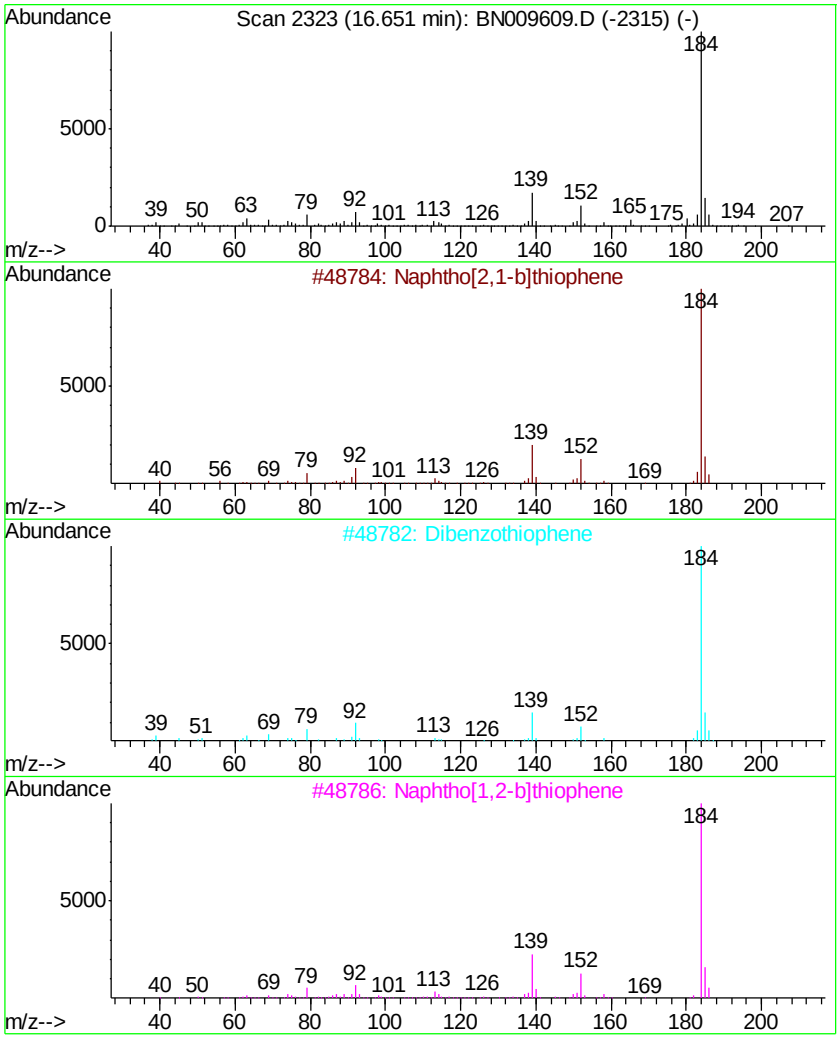
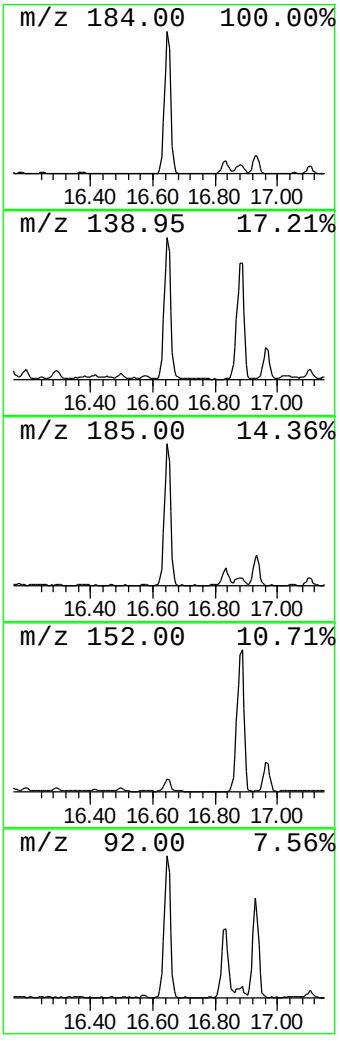
Peak Number 26 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	32.67 ng/ul	2810140	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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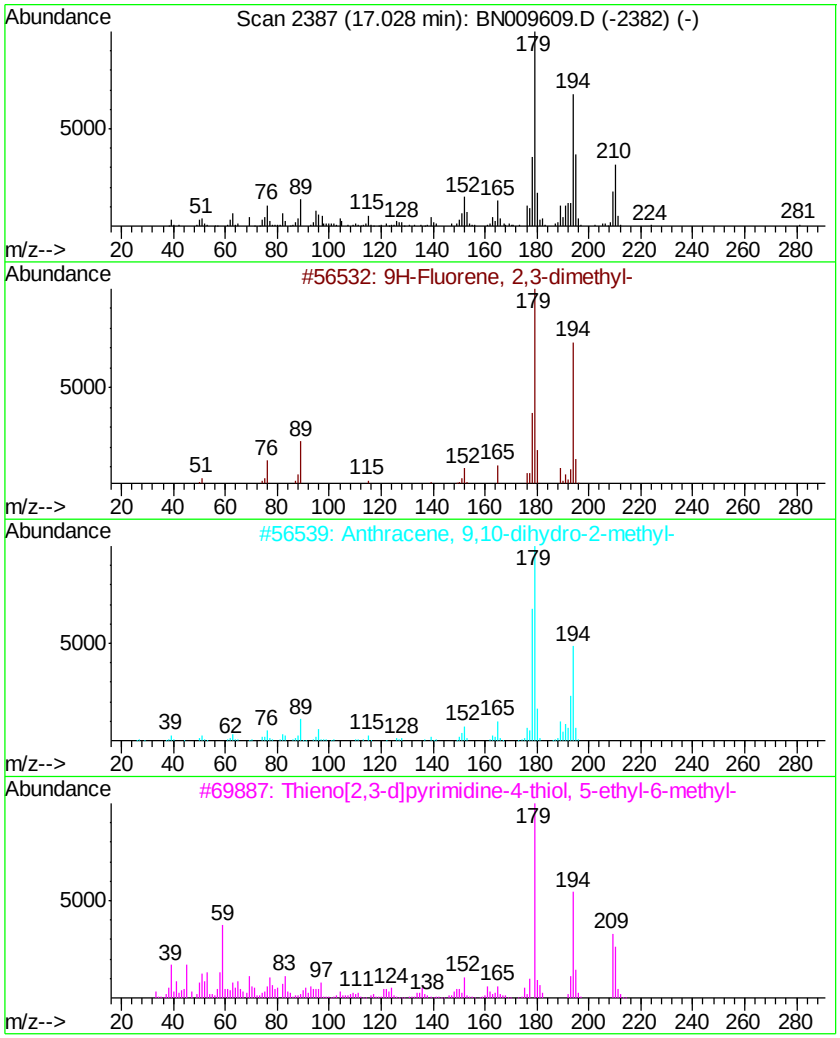
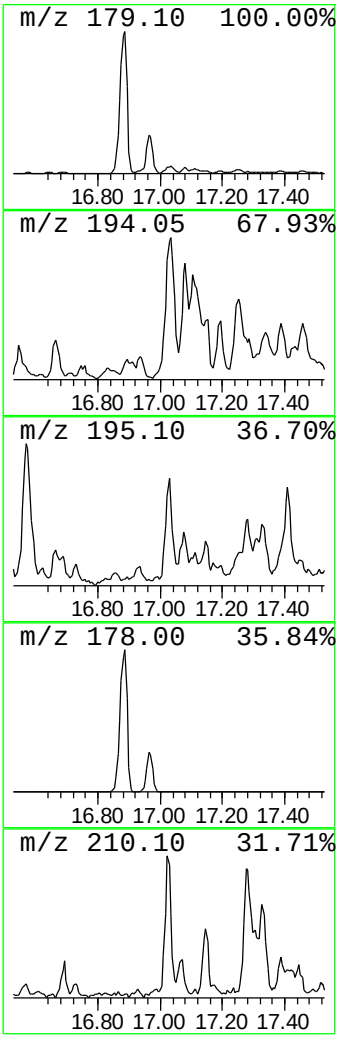
Peak Number 27 9H-Fluorene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	8.03 ng/ul	690750	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	94
2	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	78
3	Thieno[2,3-d]pyrimidine-4-thiol,...	210	C9H10N2S2	1000303-48-8	76
4	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
5	1,1'-Biphenyl, 2-(1-azido-1-meth...	237	C15H15N3	032366-24-8	58





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Sample : L1323-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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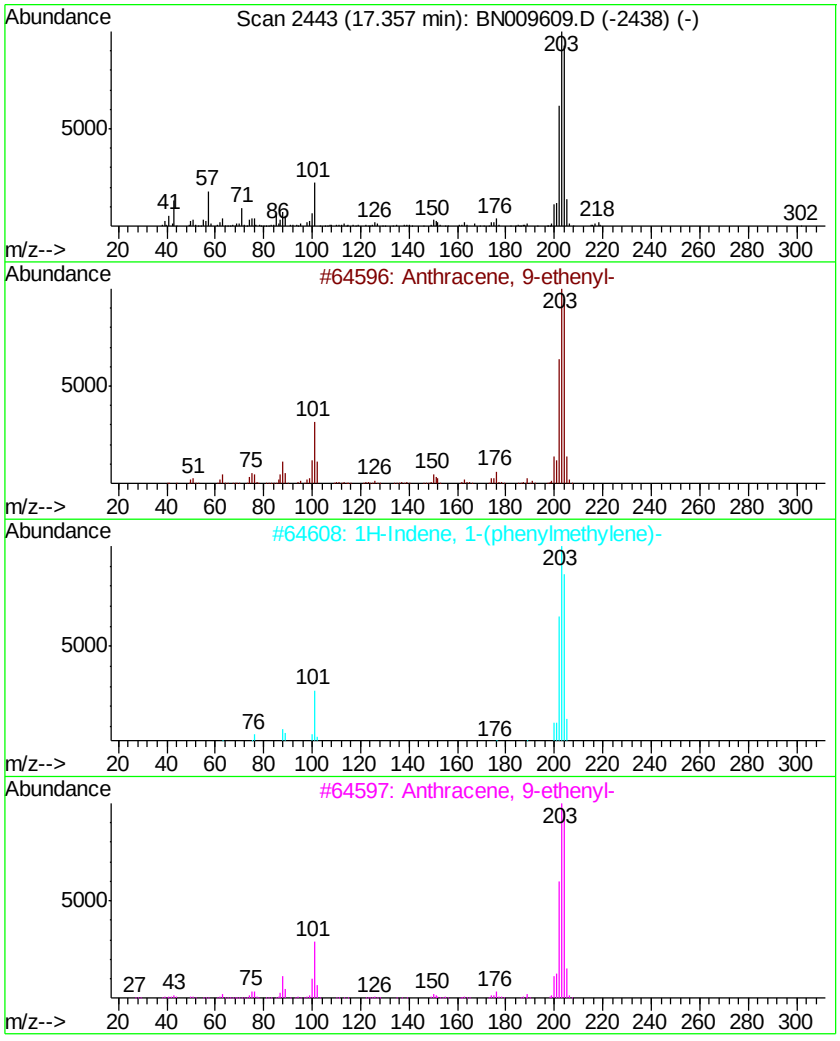
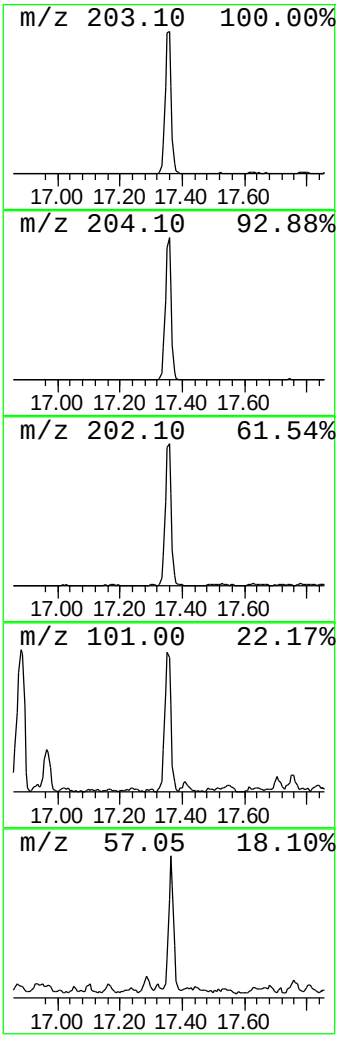
Peak Number 28 Anthracene, 9-ethenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	11.35 ng/ul	976477	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	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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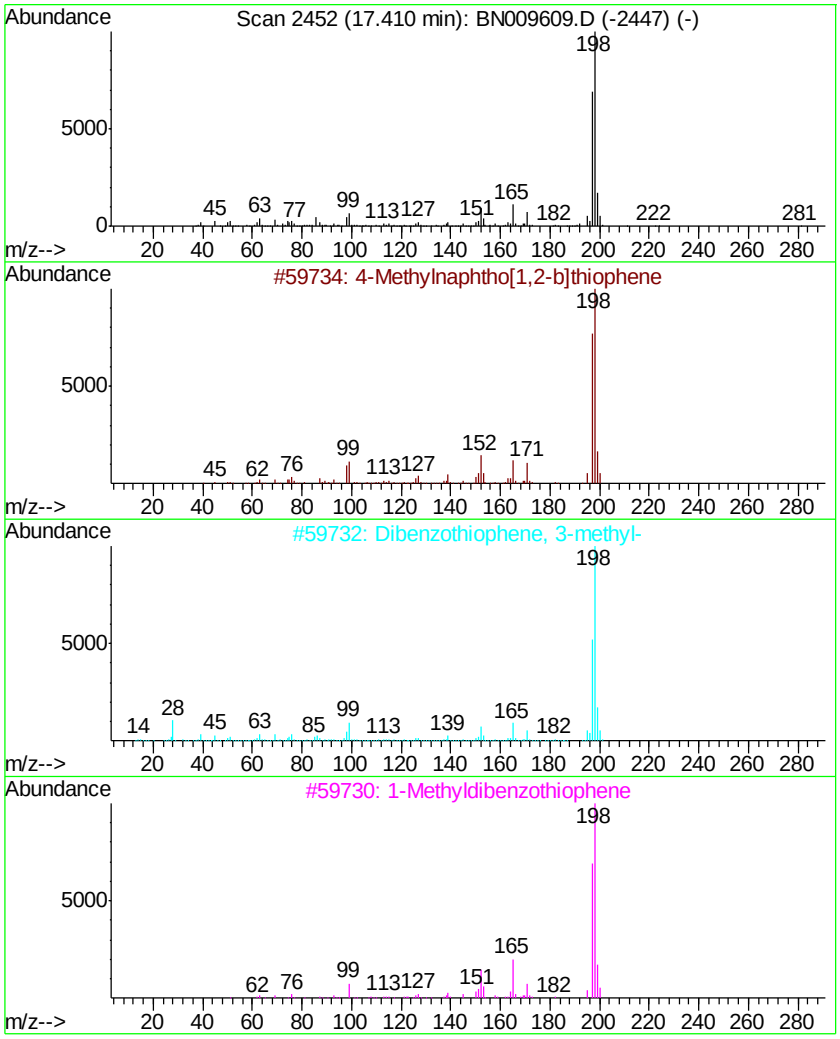
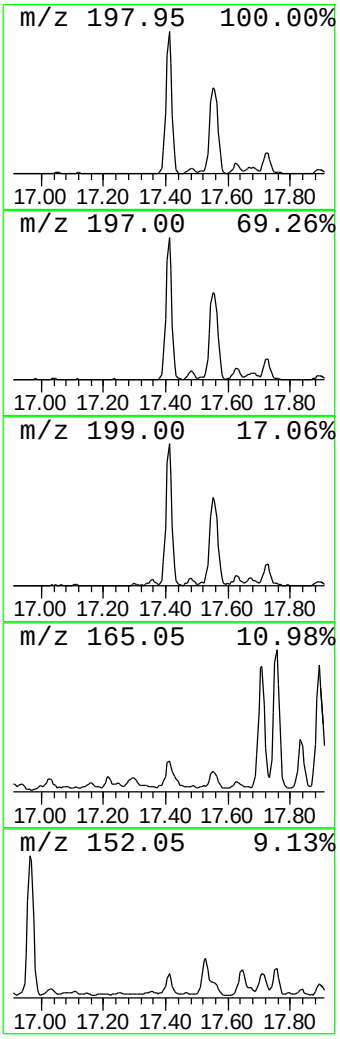
Peak Number 29 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	16.02 ng/ul	1378480	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72





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Quant Title : SVOA CALIBRATION

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

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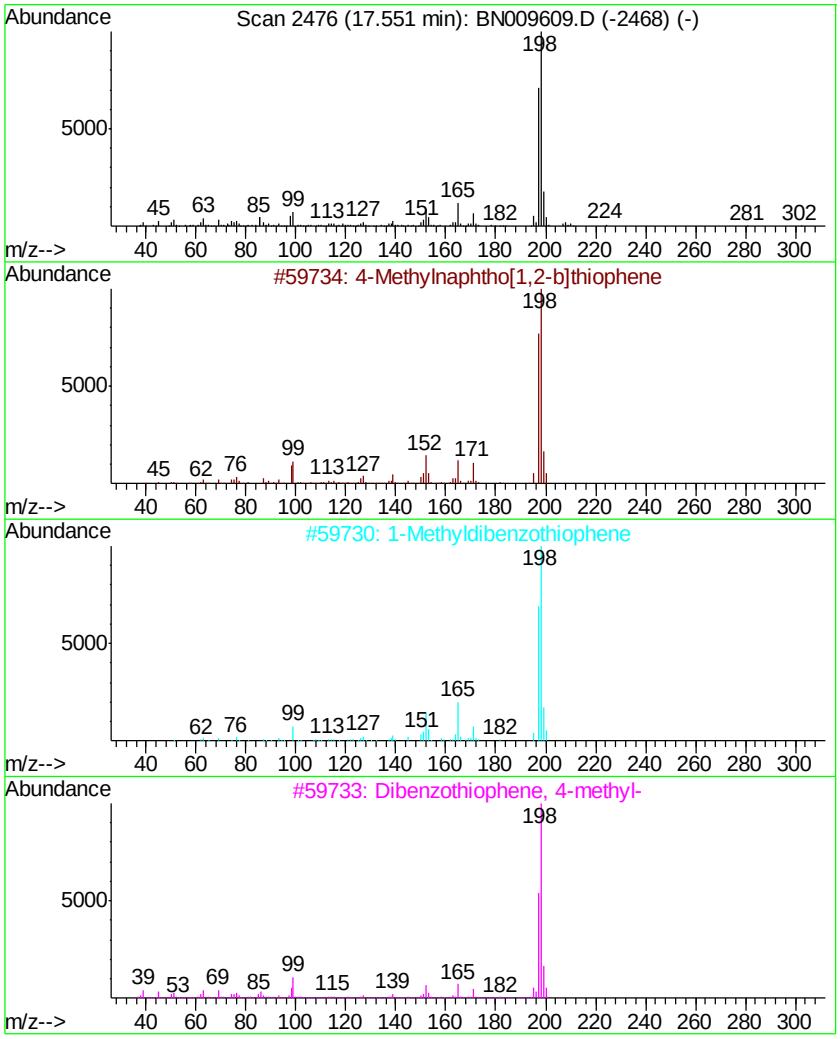
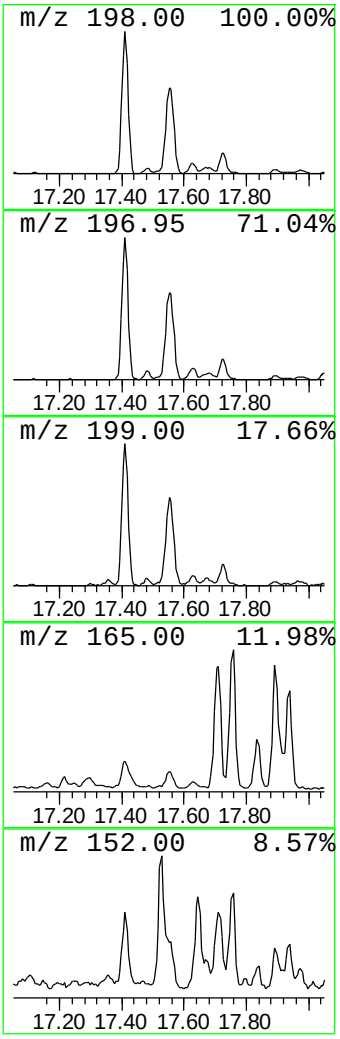
Peak Number 30 1-Methyldibenzothiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	13.54 ng/ul	1164410	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
5	Tacrine	198	C13H14N2	000321-64-2	72





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56

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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
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1,3,5,7-Cycloocta...	5.48	89.7	ng/ul	4245810	1	7.43	947206	20.0
Benzene, 1-etheny...	7.10	81.2	ng/ul	3845470	1	7.43	947206	20.0
(Z)-1-Phenylpropene	7.18	16.9	ng/ul	800906	1	7.43	947206	20.0
Benzene, 1,2,4-tr...	7.55	13.8	ng/ul	651118	1	7.43	947206	20.0
1-Propyne, 3-phenyl-	7.96	248.6	ng/ul	11772200	1	7.43	947206	20.0
Benzene, 1-etheny...	8.69	13.3	ng/ul	631184	1	7.43	947206	20.0
Cycloprop[a]inden...	9.63	43.2	ng/ul	3089680	2	10.19	1431520	20.0
1H-Indene, 1-methyl-	9.70	27.6	ng/ul	1975060	2	10.19	1431520	20.0
Naphthalene, 1-me...	12.09	220.1	ng/ul	15756700	2	10.19	1431520	20.0
Naphthalene, 1-et...	13.09	9.8	ng/ul	1506070	3	14.07	3085910	20.0
Naphthalene, 2,6-...	13.23	18.6	ng/ul	2867270	3	14.07	3085910	20.0
Naphthalene, 2,3-...	13.39	39.0	ng/ul	6018730	3	14.07	3085910	20.0
Naphthalene, 1,7-...	13.45	20.3	ng/ul	3138470	3	14.07	3085910	20.0
Naphthalene, 2,3,...	14.56	5.6	ng/ul	858245	3	14.07	3085910	20.0
1-Isopropenylnaph...	14.69	11.9	ng/ul	1829420	3	14.07	3085910	20.0
1H-Phenalene	14.96	10.4	ng/ul	1602250	3	14.07	3085910	20.0
Dibenzofuran, 4-m...	15.43	5.7	ng/ul	881491	3	14.07	3085910	20.0
(DEL) Alkane: Str...	15.83	7.4	ng/ul	634202	4	16.83	1720470	20.0
9H-Fluorene, 3-me...	16.19	12.0	ng/ul	1030630	4	16.83	1720470	20.0
9H-Fluorene, 1-me...	16.29	10.9	ng/ul	942059	4	16.83	1720470	20.0
9H-Fluorene, 2-me...	16.50	7.9	ng/ul	678884	4	16.83	1720470	20.0
Naphtho[2,1-b]thi...	16.65	32.7	ng/ul	2810140	4	16.83	1720470	20.0
9H-Fluorene, 2,3-...	17.03	8.0	ng/ul	690750	4	16.83	1720470	20.0
Anthracene, 9-eth...	17.36	11.4	ng/ul	976477	4	16.83	1720470	20.0
4-Methylnaphtho[1...	17.41	16.0	ng/ul	1378480	4	16.83	1720470	20.0
1-Methyldibenzoth...	17.55	13.5	ng/ul	1164410	4	16.83	1720470	20.0