LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.126	307	313	317	rBV2	25982	48532	1.55%	0.197%
2	5.596	386	393	408	rBV	227609	408600	13.07%	1.662%
3	6.495	540	546	555	rBV2	87006	171856	5.50%	0.699%
4	6.642	562	571	579	rBV7	17813	45414	1.45%	0.185%
5	6.988	623	630	639	rBV	106807	188054	6.01%	0.765%
6	7.182	652	663	668	rBV2	141196	300112	9.60%	1.220%
7	7.229	668	671	678	rVB	57355	95327	3.05%	0.388%
8	7.546	718	725	732	rBV	446194	797827	25.52%	3.244%
9	7.652	739	743	749	rVB	45324	65679	2.10%	0.267%
10	7.905	782	786	793	rVB	60797	101342	3.24%	0.412%
11	8.005	796	803	810	rBV	103271	183491	5.87%	0.746%
12	8.122	817	823	831	rVB	76710	133500	4.27%	0.543%
13	8.334	847	859	863	rBV	435070	822484	26.31%	3.345%
14	8.381	863	867	879	rVB	171230	294103	9.41%	1.196%
15	8.498	881	887	895	rBV	131324	215326	6.89%	0.876%
16	8.645	906	912	917	rBV2	104337	181143	5.79%	0.737%
17	8.698	917	921	928	rVB	82561	133226	4.26%	0.542%
18	8.809	931	940	950	rBV3	52582	131259	4.20%	0.534%
19	8.962	960	966	970	rBV	42554	72771	2.33%	0.296%
20	9.009	970	974	979	rVB2	25071	39158	1.25%	0.159%
21	9.109	979	991	996	rBV2	328542	596694	19.09%	2.426%
22	9.174	996	1002	1016	rVB3	382222	1014439	32.45%	4.125%
23	9.344	1022	1031	1040	rVB6	48709	117858	3.77%	0.479%
24	9.450	1040	1049	1055	rBV3	72891	172171	5.51%	0.700%
25	9.591	1065	1073	1075	rBV6	25755	52725	1.69%	0.214%
26	9.632	1075	1080	1085	rVV	162042	261003	8.35%	1.061%
27	9.691	1085	1090	1095	rVV	70277	114015	3.65%	0.464%
28	9.884	1115	1123	1128	rBV4	41003	106564	3.41%	0.433%
29	10.002	1136	1143	1149	rBV4	84997	203215	6.50%	0.826%
30	10.055	1149	1152	1157	rVV	38149	63163	2.02%	0.257%
31	10.207	1169	1178	1185	rBV2	565286	1063538	34.02%	4.325%
32	10.272	1185	1189	1196	rVB3	50852	91179	2.92%	0.371%
33	10.390	1196	1209	1212	rBV4	59492	150149	4.80%	0.611%
34	10.442	1212	1218	1223	rVV	122514	220793	7.06%	0.898%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.507	1223	1229	1236	rVB	38781	72428	2.32%	0.295%
36	10.683	1251	1259	1262	rBV5	21672	46667	1.49%	0.190%
37	10.807	1269	1280	1284	rBV3	138161	399106	12.77%	1.623%
38	10.860	1284	1289	1295	rVV5	82477	184692	5.91%	0.751%
39	10.918	1295	1299	1309	rVB3	92088	173777	5.56%	0.707%
40	11.018	1309	1316	1323	rVB2	45113	94915	3.04%	0.386%
41	11.106	1323	1331	1336	rBV	30347	59162	1.89%	0.241%
42	11.177	1337	1343	1347	rBV2	49059	82173	2.63%	0.334%
43	11.271	1353	1359	1367	rVB	147219	272705	8.72%	1.109%
44	11.388	1371	1379	1384	rBV	122071	237437	7.59%	0.966%
45	11.470	1389	1393	1407	rVB5	34581	116451	3.72%	0.474%
46	11.717	1429	1435	1443	rVB4	56607	113854	3.64%	0.463%
47	11.829	1449	1454	1457	rBV5	17379	33375	1.07%	0.136%
48	11.911	1463	1468	1473	rBV	68396	109953	3.52%	0.447%
49	11.993	1476	1482	1488	rVV2	257378	419979	13.43%	1.708%
50	12.123	1501	1504	1511	rVB3	29505	49403	1.58%	0.201%
51	12.193	1511	1516	1524	rBV2	21585	55491	1.77%	0.226%
52	12.352	1535	1543	1550	rVB	253072	433184	13.86%	1.761%
53	12.422	1550	1555	1560	rBV3	34877	55280	1.77%	0.225%
54	12.551	1573	1577	1583	rBV6	17471	32264	1.03%	0.131%
55	12.710	1593	1604	1609	rVV3	96662	256814	8.21%	1.044%
56	12.786	1613	1617	1625	rVB4	58514	106144	3.39%	0.432%
57	12.869	1625	1631	1635	rBV5	16696	39292	1.26%	0.160%
58	12.974	1644	1649	1653	rVV4	40863	78351	2.51%	0.319%
59	13.021	1653	1657	1661	rVB2	36759	49590	1.59%	0.202%
60	13.256	1689	1697	1703	rBV	941893	1475055	47.18%	5.998%
61	13.579	1746	1752	1756	rBV2	67416	111074	3.55%	0.452%
62	13.803	1783	1790	1798	rBV4	61184	172789	5.53%	0.703%
63	13.902	1798	1807	1808	rBV6	23772	59705	1.91%	0.243%
64	13.961	1809	1817	1821	rVV4	111897	262117	8.38%	1.066%
65	14.002	1821	1824	1833	rVB5	66328	125122	4.00%	0.509%
66	14.090	1835	1839	1844	rBV4	20014	37682	1.21%	0.153%
67	14.149	1845	1849	1852	rBV6	19359	31506	1.01%	0.128%
68	14.190	1852	1856	1859	rBV3	26132	37849	1.21%	0.154%
69	14.355	1879	1884	1889	rBV4	25555	41959	1.34%	0.171%
70	14.602	1921	1926	1928	rBV	116313	185903	5.95%	0.756%
71	14.631	1928	1931	1938	rVB2	236947	387725	12.40%	1.577%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.801	1956	1960	1964	rBV7	22609	36621	1.17%	0.149%
73	15.024	1994	1998	2003	rBV4	26743	44289	1.42%	0.180%
74	15.254	2028	2037	2043	rBV	631872	1388120	44.40%	5.645%
75	15.306	2043	2046	2053	rVV7	99128	205592	6.58%	0.836%
76	15.377	2054	2058	2067	rVB2	82906	169255	5.41%	0.688%
77	15.541	2079	2086	2092	rBV5	56236	126936	4.06%	0.516%
78	15.588	2092	2094	2102	rVB6	28435	47644	1.52%	0.194%
79	15.682	2105	2110	2112	rBV4	26507	48206	1.54%	0.196%
80	15.718	2112	2116	2119	rBV3	39562	51068	1.63%	0.208%
81	15.953	2153	2156	2162	rVB7	25789	42559	1.36%	0.173%
82	16.017	2162	2167	2173	rBV8	36971	87940	2.81%	0.358%
83	16.123	2179	2185	2204	rVB3	983634	1908938	61.06%	7.762%
84	16.276	2207	2211	2217	rVV7	26319	58171	1.86%	0.237%
85	16.434	2234	2238	2246	rVB4	38331	63158	2.02%	0.257%
86	16.687	2278	2281	2286	rBV6	29056	52138	1.67%	0.212%
87	16.869	2307	2312	2322	rVB2	63705	116001	3.71%	0.472%
88	17.380	2392	2399	2408	rBV2	334542	546238	17.47%	2.221%
89	18.267	2545	2550	2554	rBV6	39341	62207	1.99%	0.253%
90	19.988	2836	2843	2850	rBV	2347744	3126503	100.00%	12.714%
91	21.639	3118	3124	3133	rVB2	386450	641750	20.53%	2.610%
92	24.823	3657	3666	3678	rVB	217749	610842	19.54%	2.484%

Sum of corrected areas: 24591859

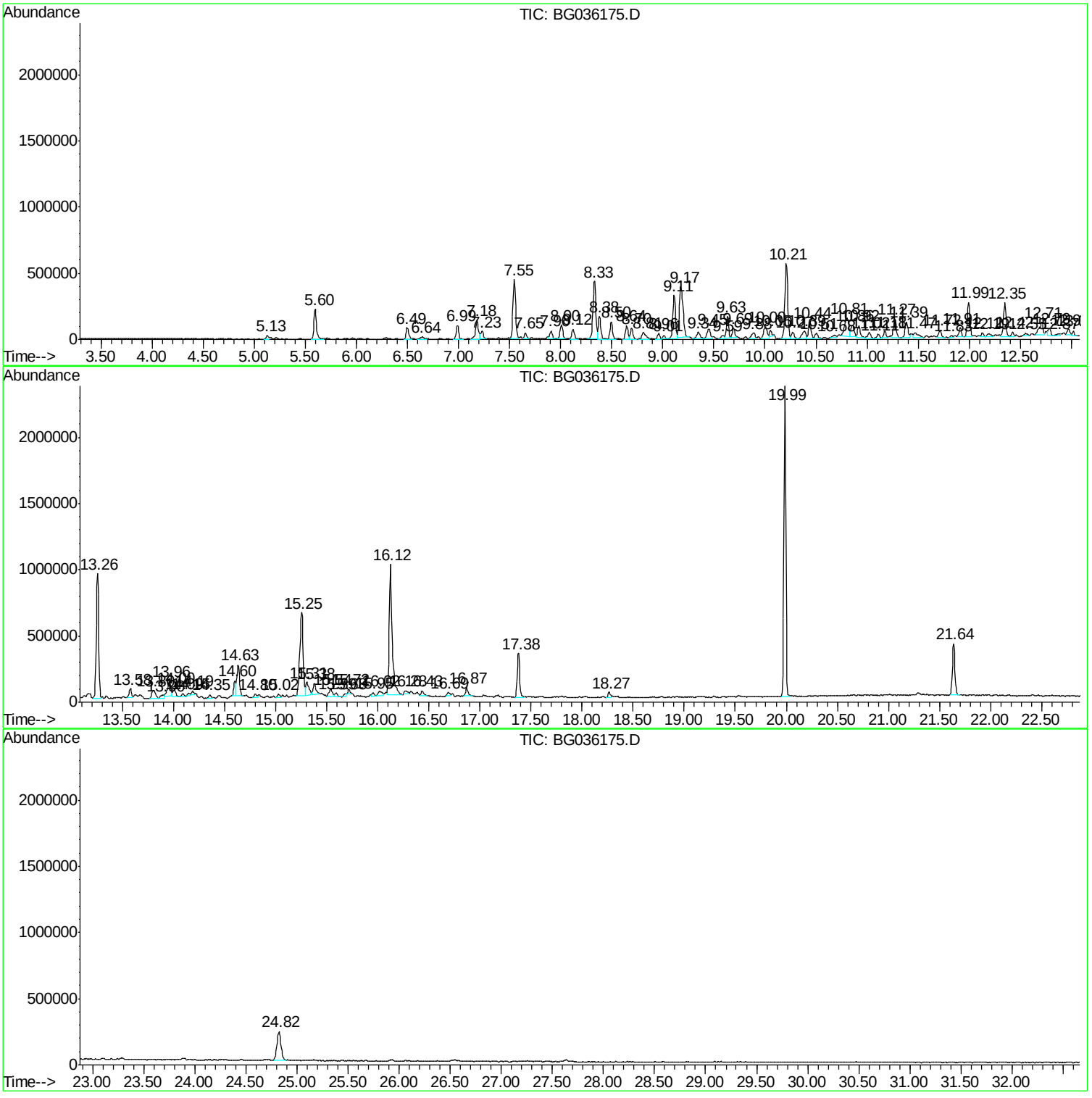
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
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Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

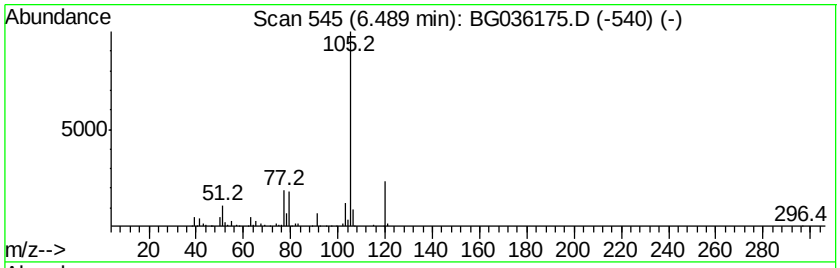
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

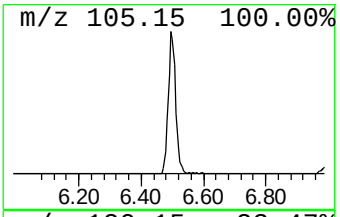
****

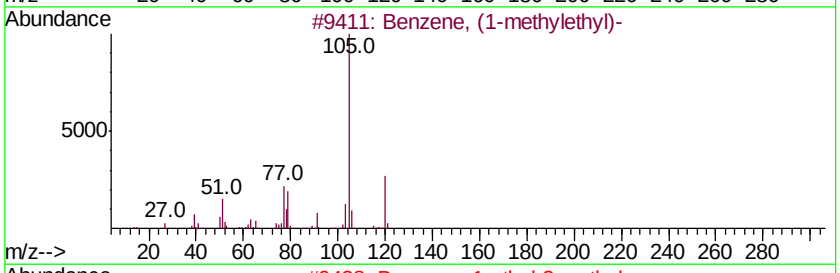
Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 12

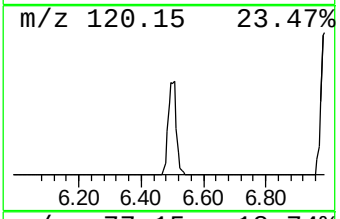
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.73 ng	171856	1,4-Dichlorobenzene-d4	8.00

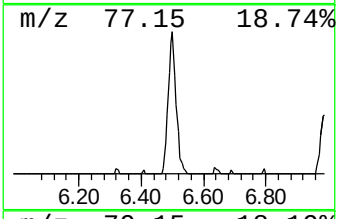
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5	1,3,5-Cycloheptatriene, 7,7-dime...	120	C9H12	007557-11-1	64

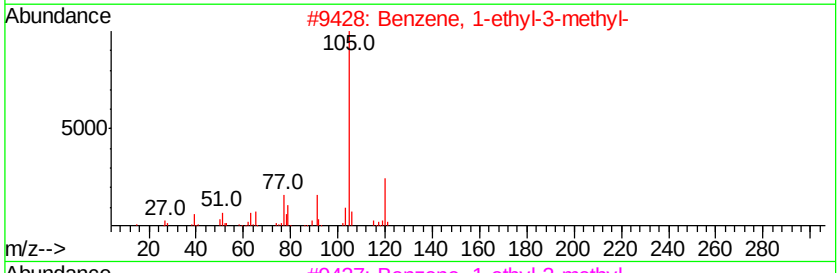


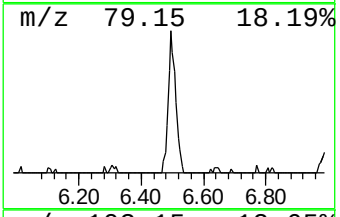


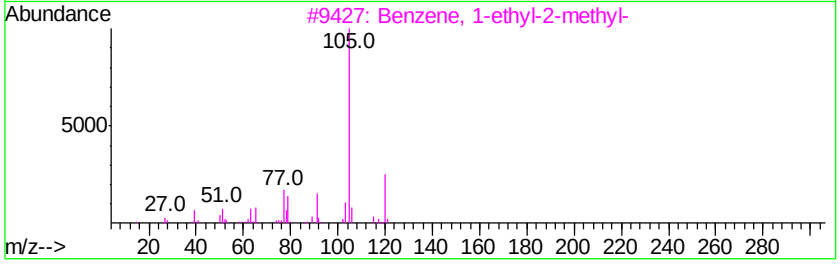


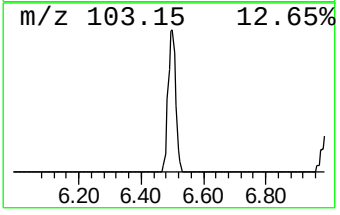












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Misc :
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Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

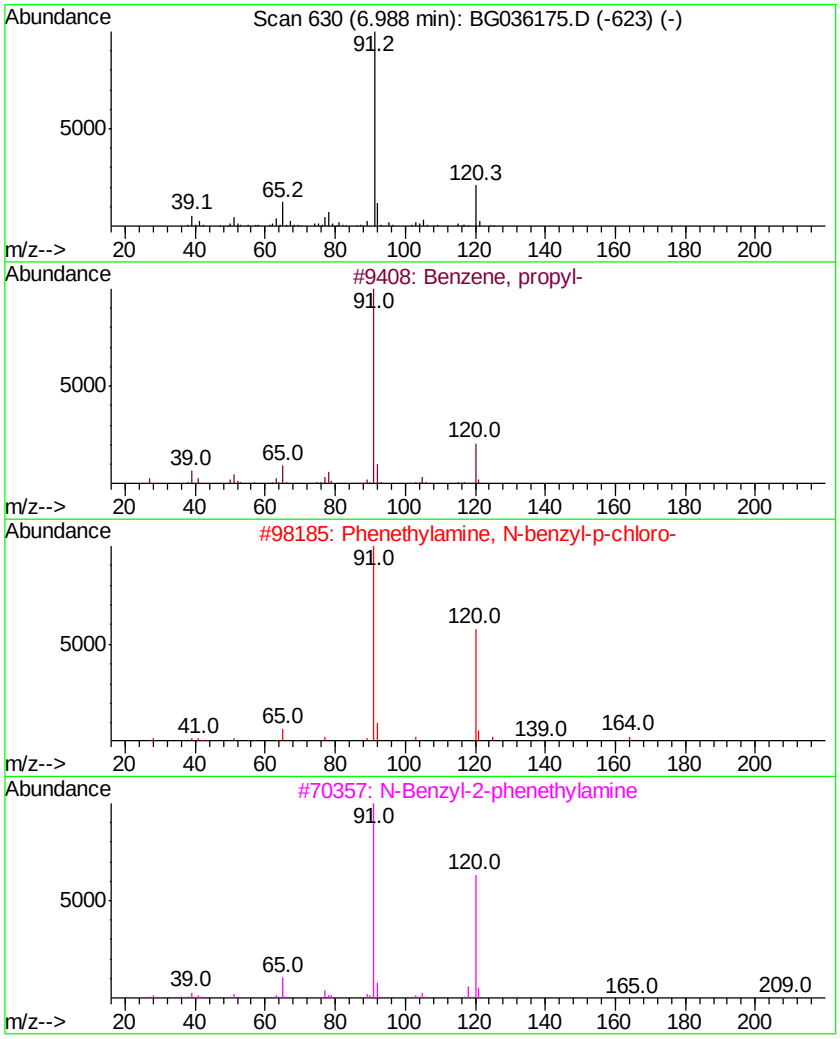
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

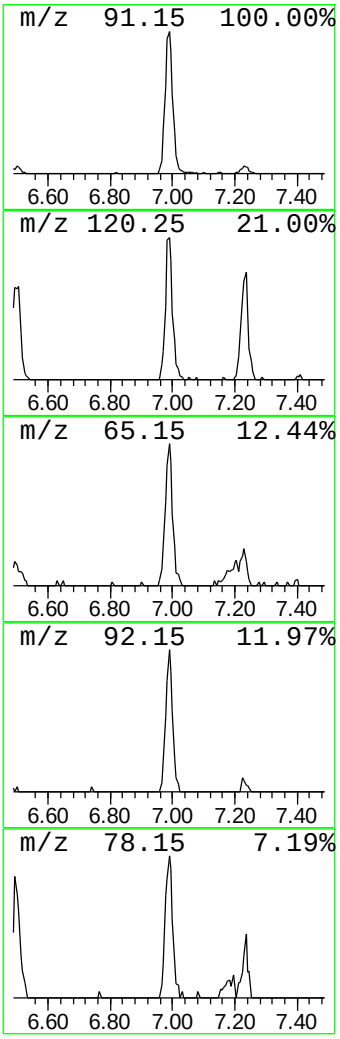
****

Peak Number 2 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	20.50 ng	188054	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

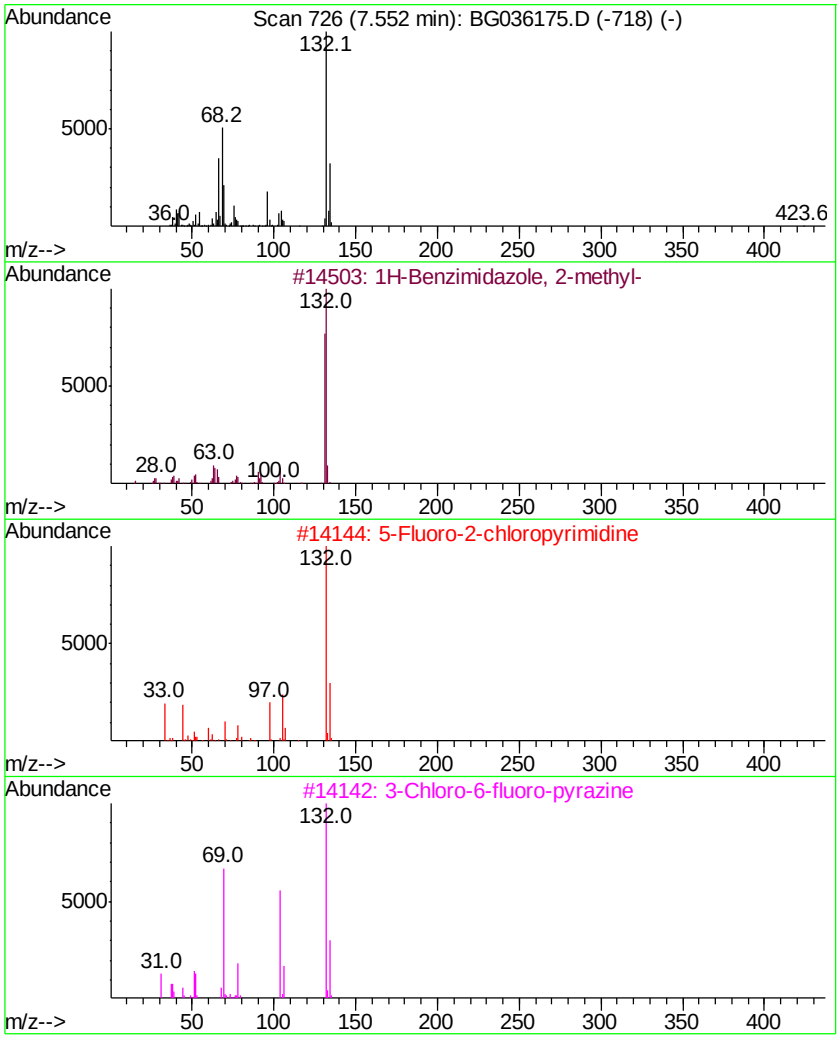
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

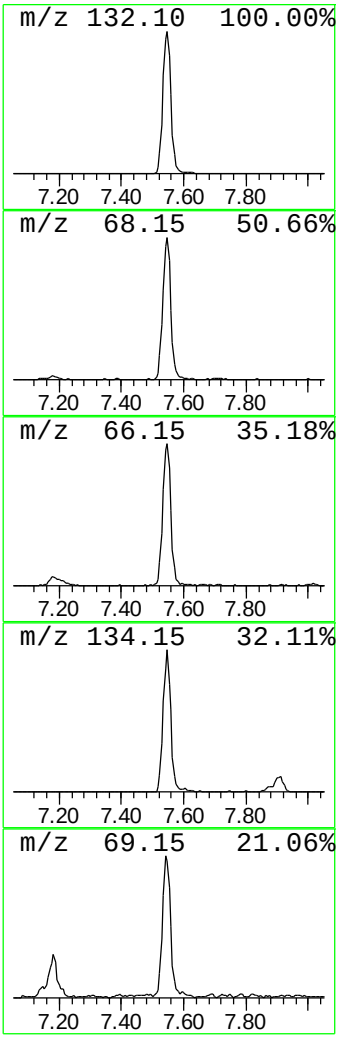
****

Peak Number 3 unknown7.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	86.96 ng	797827	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

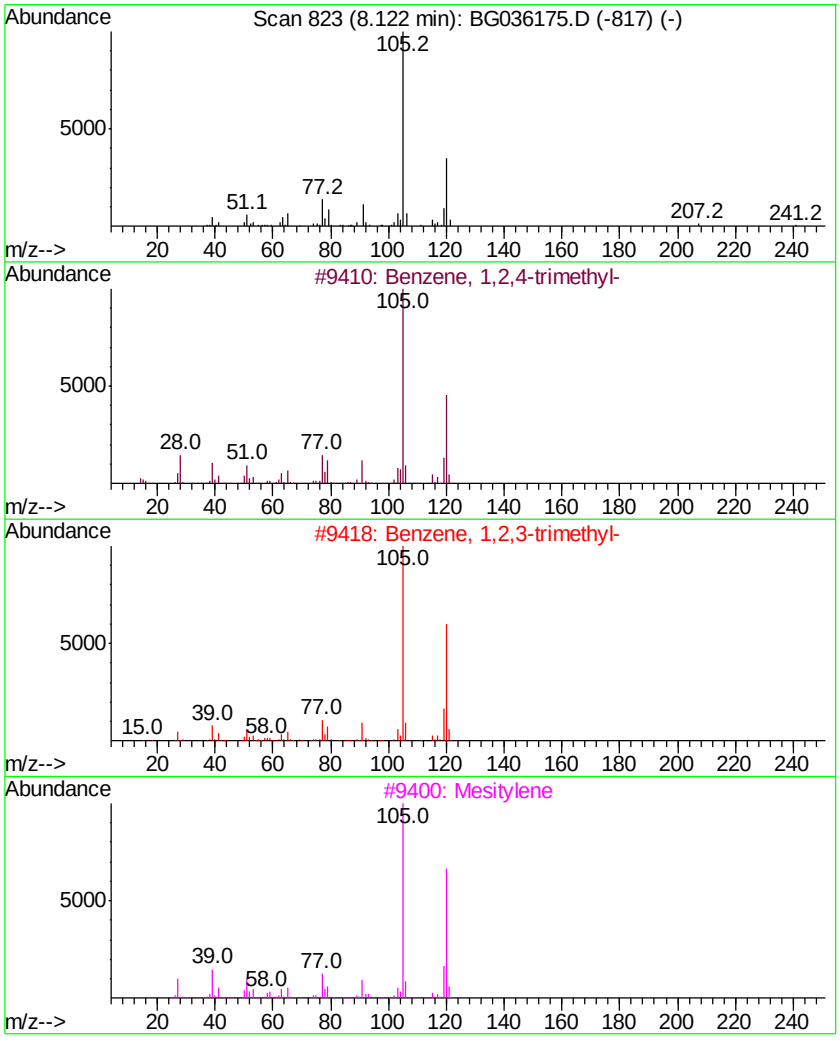
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

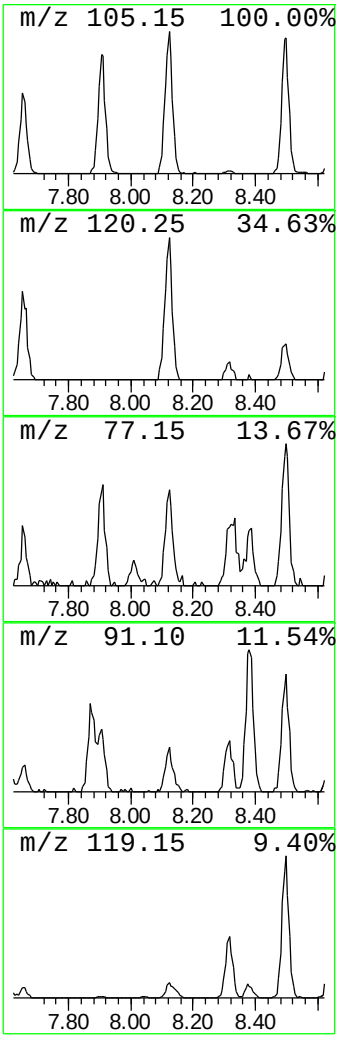
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	14.55 ng	133500	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Library Search Compound Report

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Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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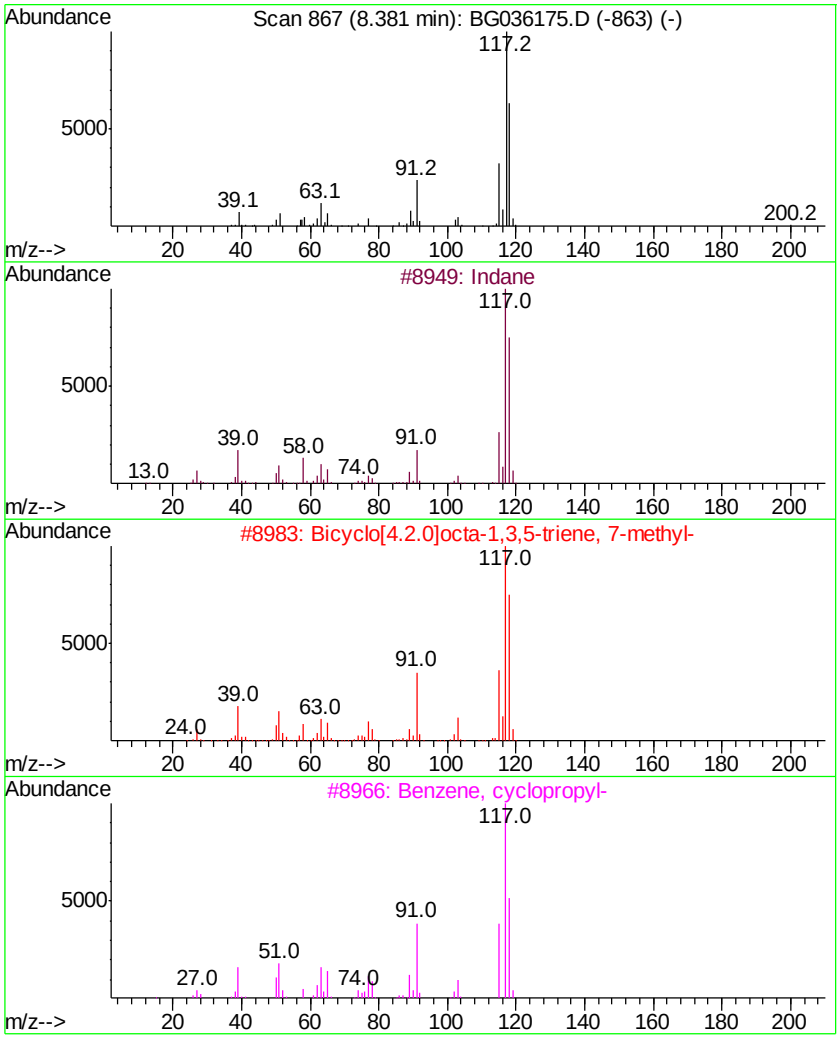
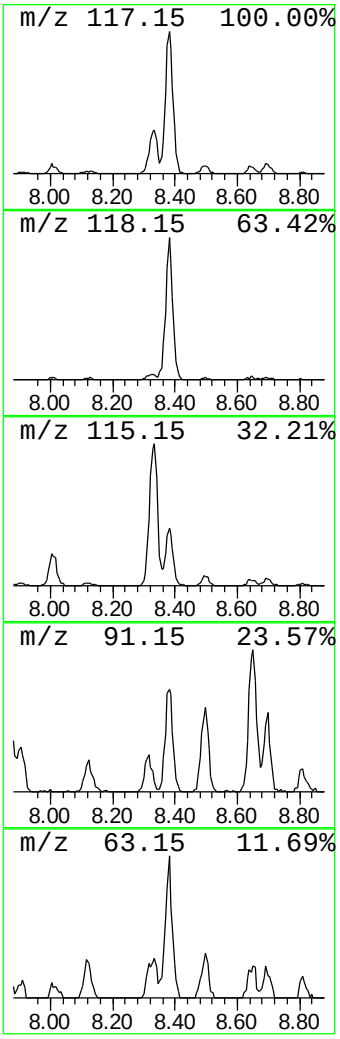
Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	32.06 ng	294103	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	59





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ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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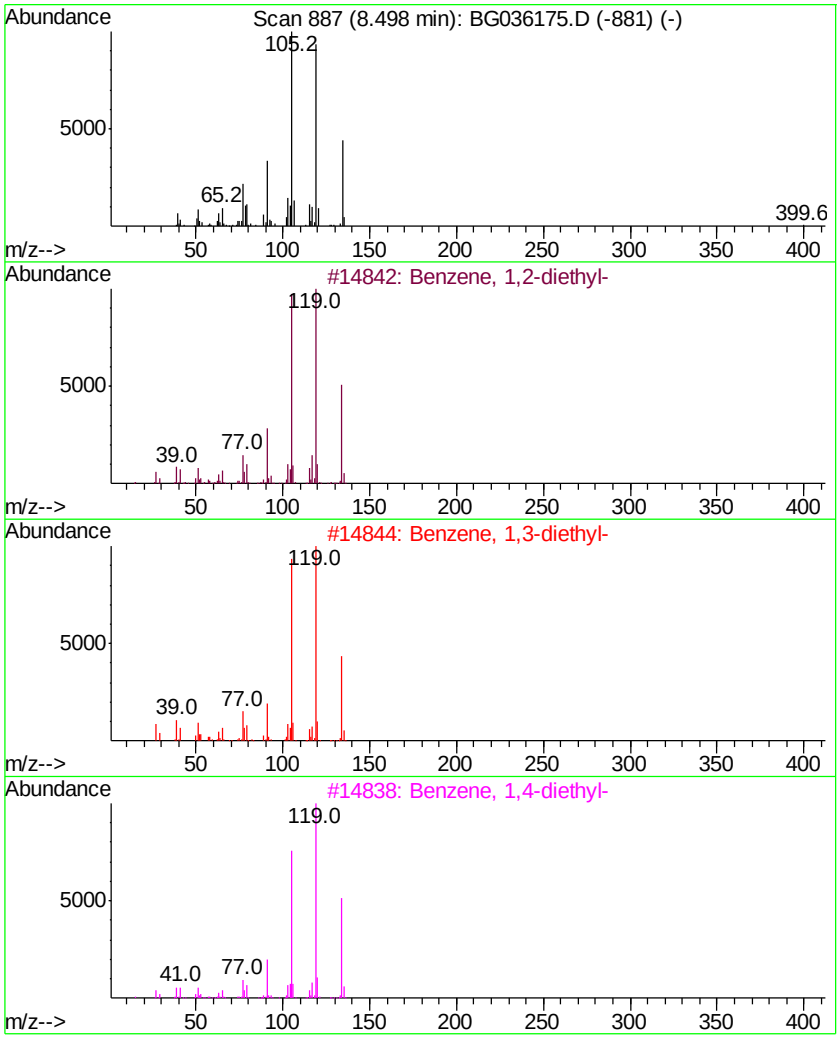
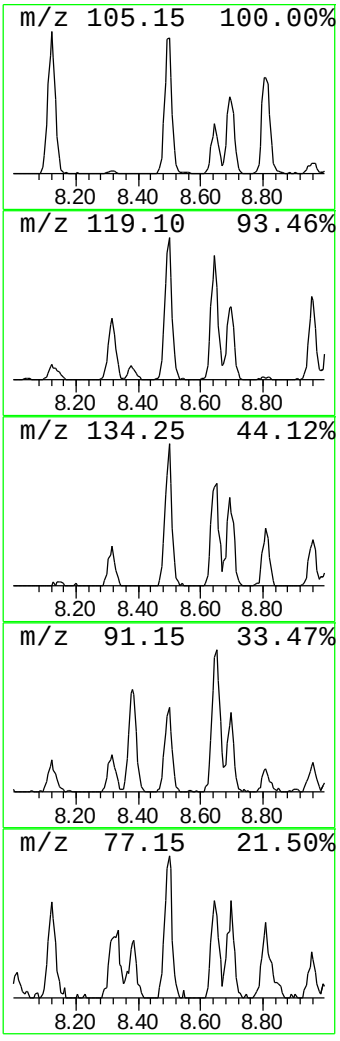
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	23.47 ng	215326	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	o-Cymene	134	C10H14	000527-84-4	81
5	p-Cymene	134	C10H14	000099-87-6	81





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Instrument : BNA_G
ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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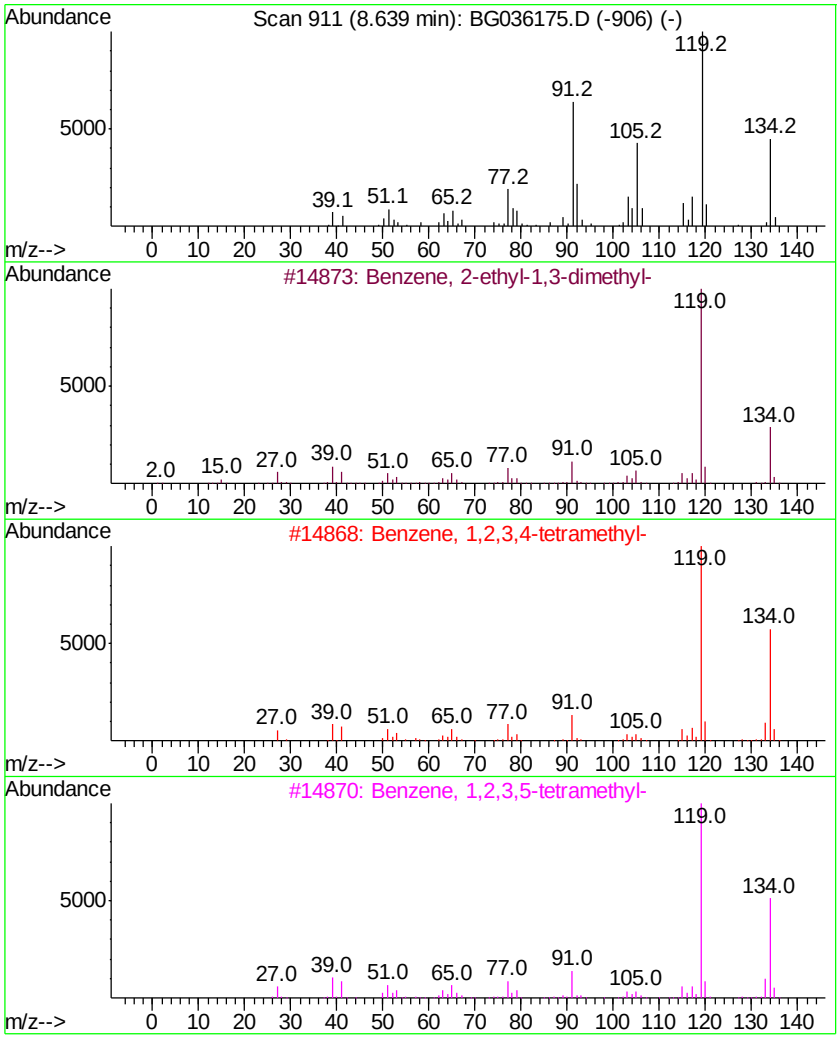
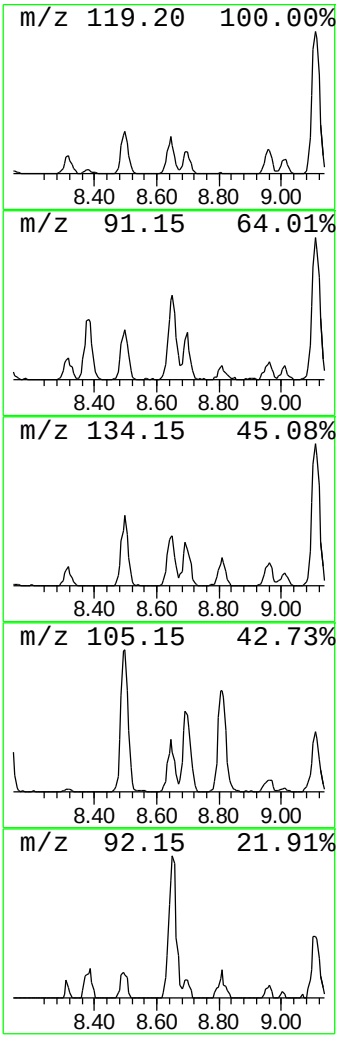
Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	19.74 ng	181143	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	p-Cymene	134	C10H14	000099-87-6	87





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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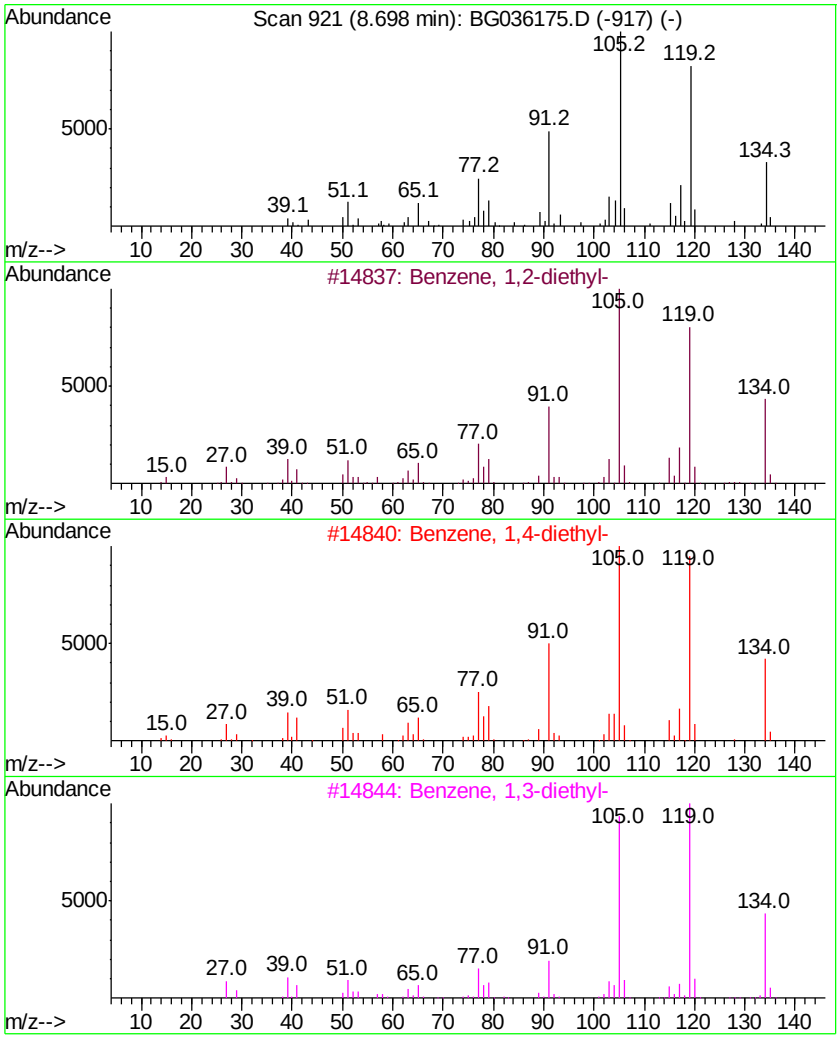
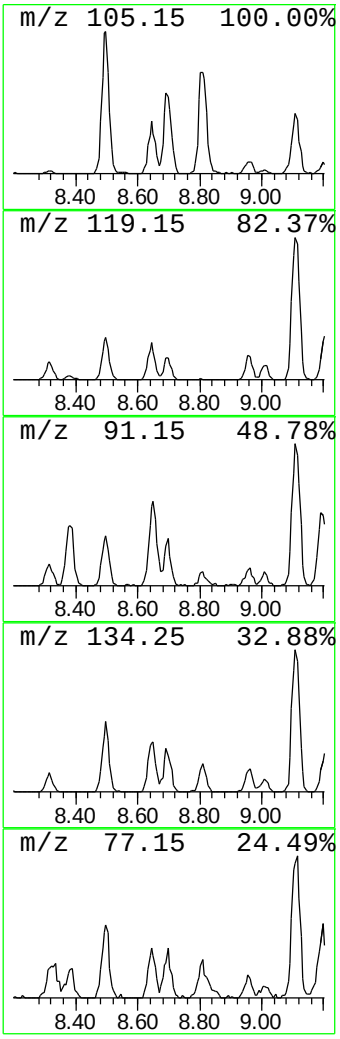
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	14.52 ng	133226	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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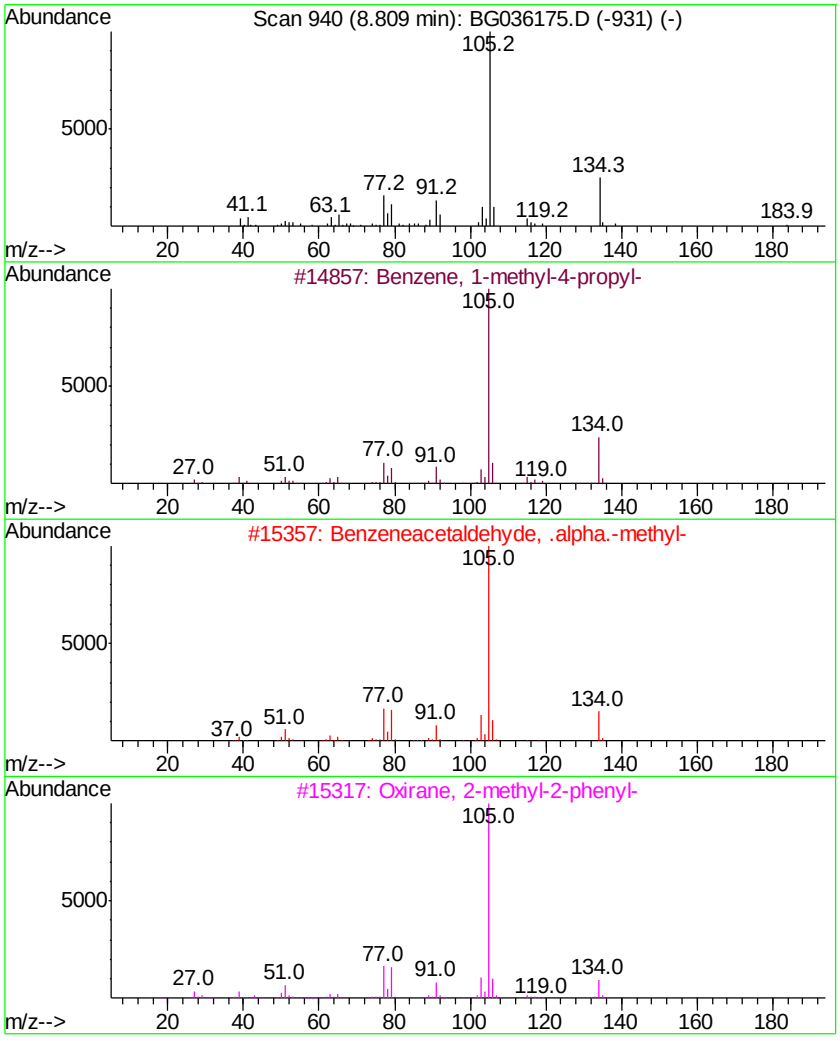
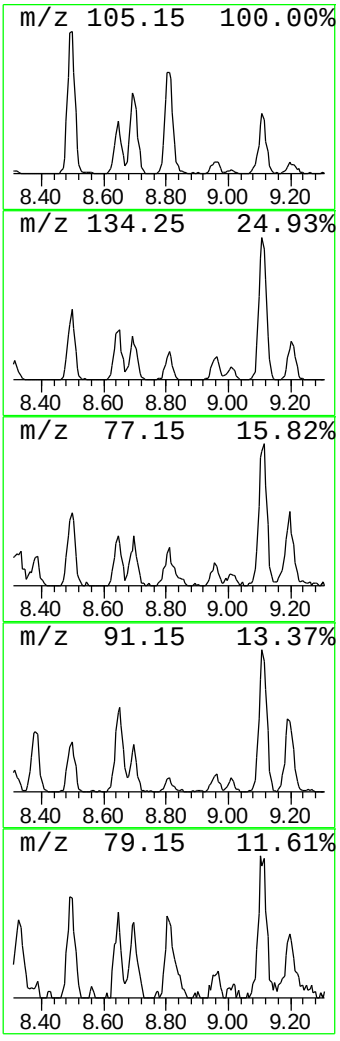
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	14.31 ng	131259	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80





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Sample : J4303-03
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Instrument : BNA_G
ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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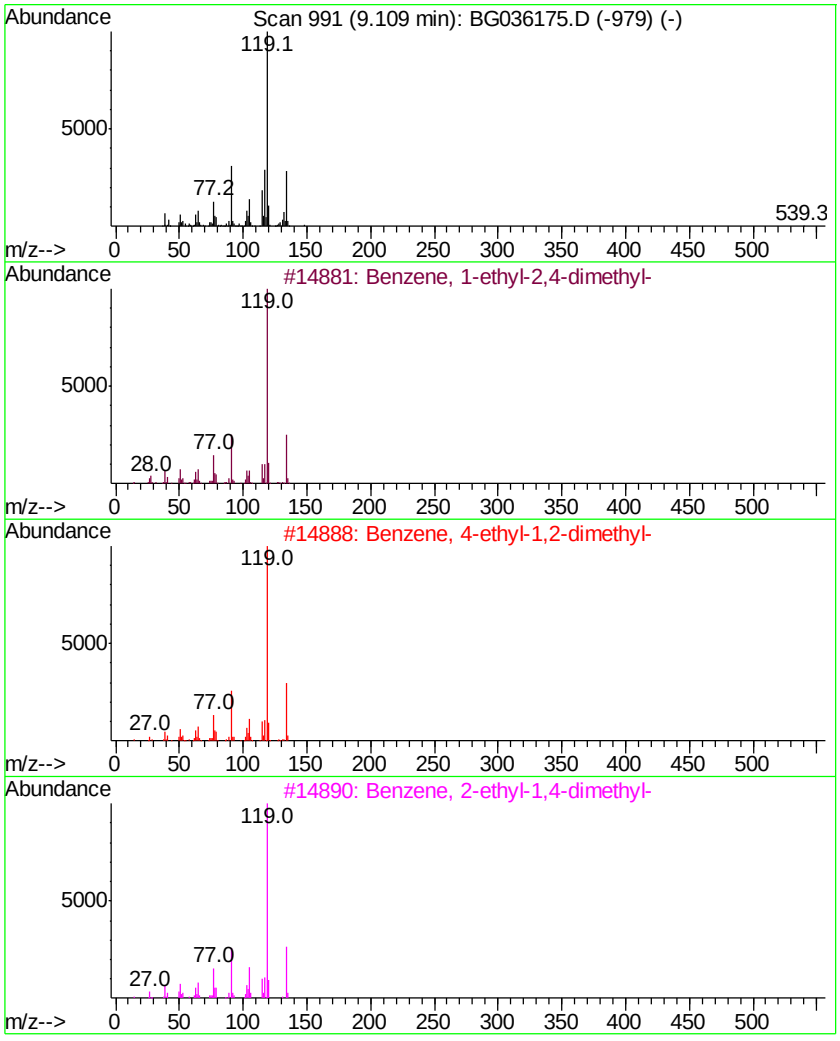
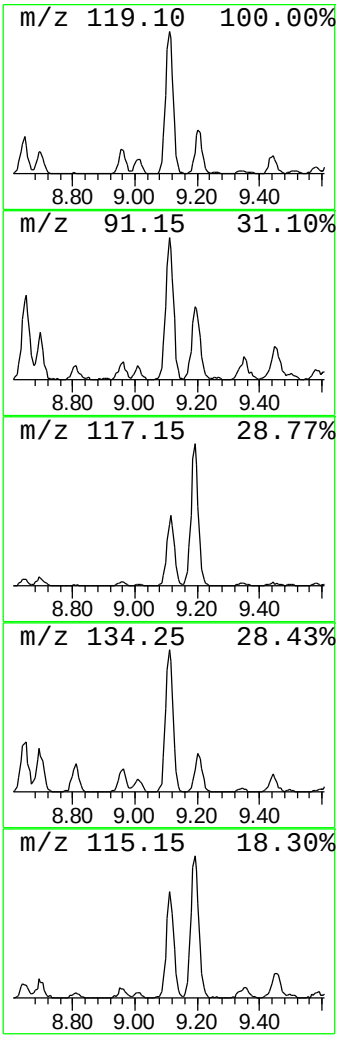
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	65.04 ng	596694	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





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Instrument : BNA_G
ClientSampleId : MW-A19R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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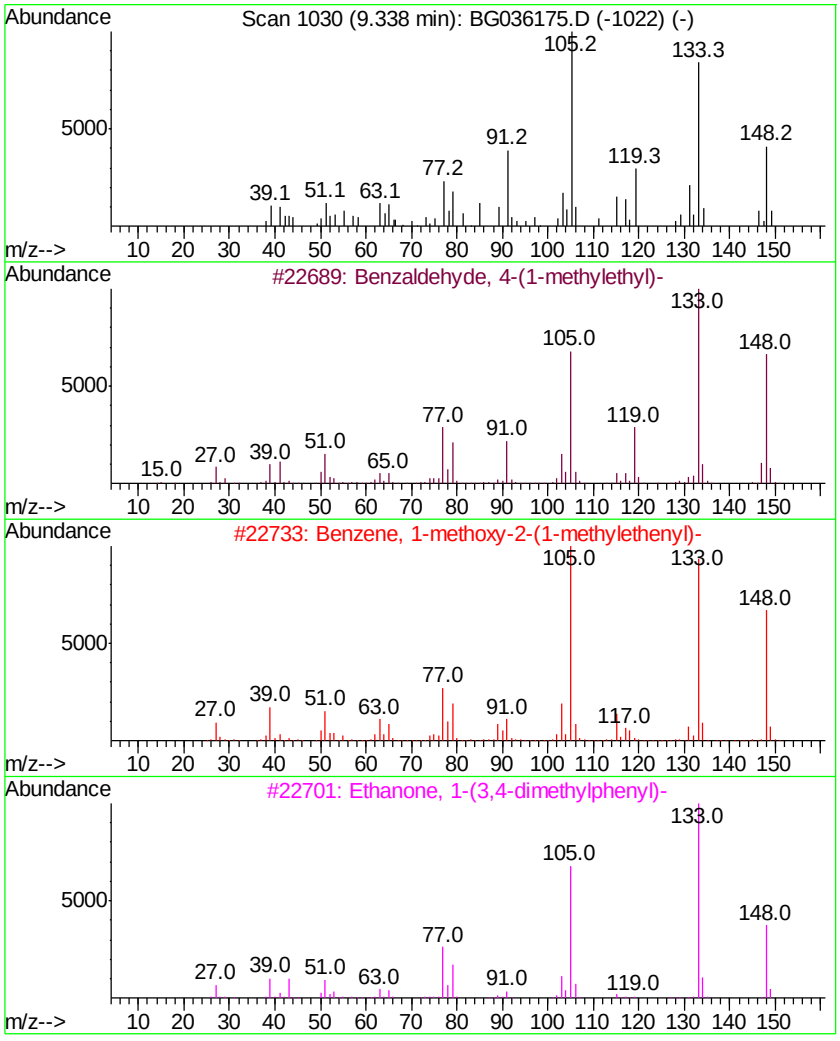
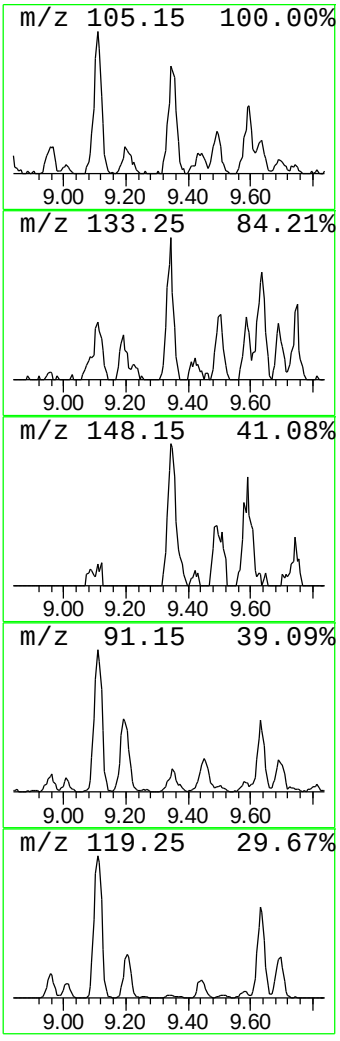
Peak Number 12 Benzaldehyde, 4-(1-methylet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	12.85 ng	117858	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	81
2	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	81
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	64
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	60
5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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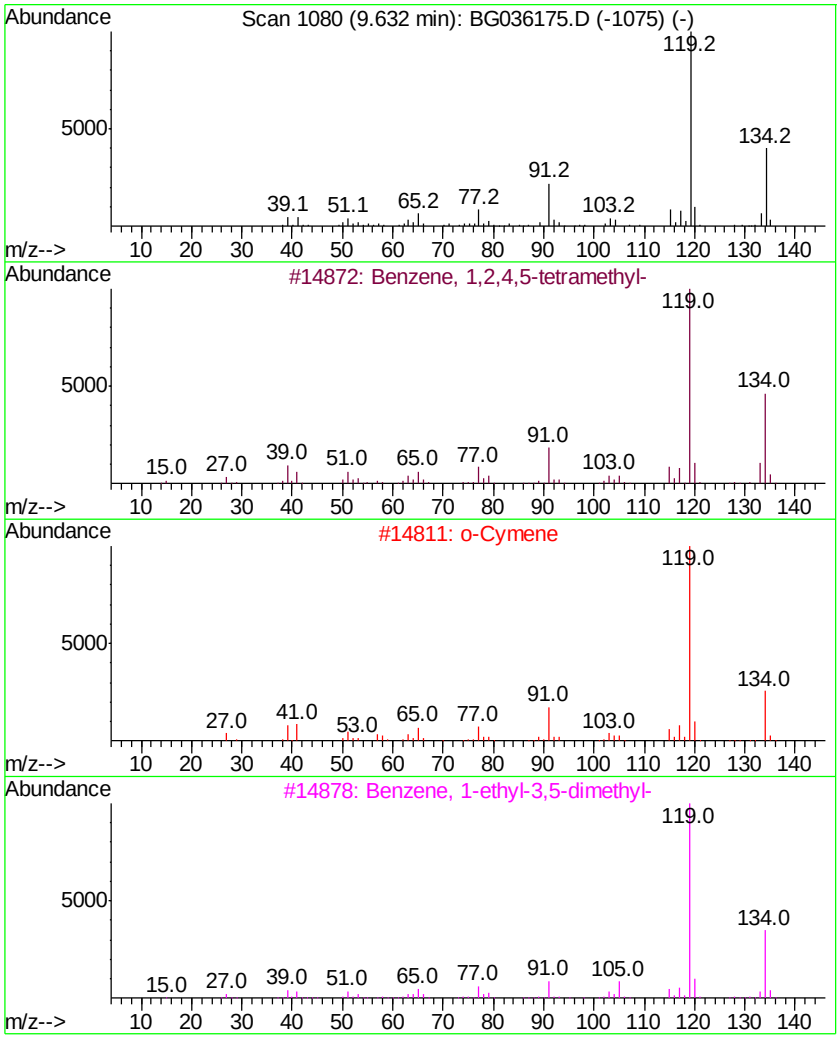
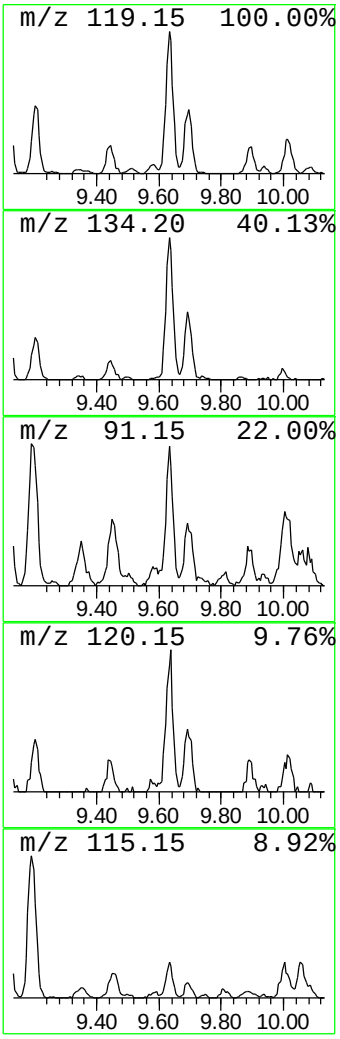
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	13.08 ng	261003	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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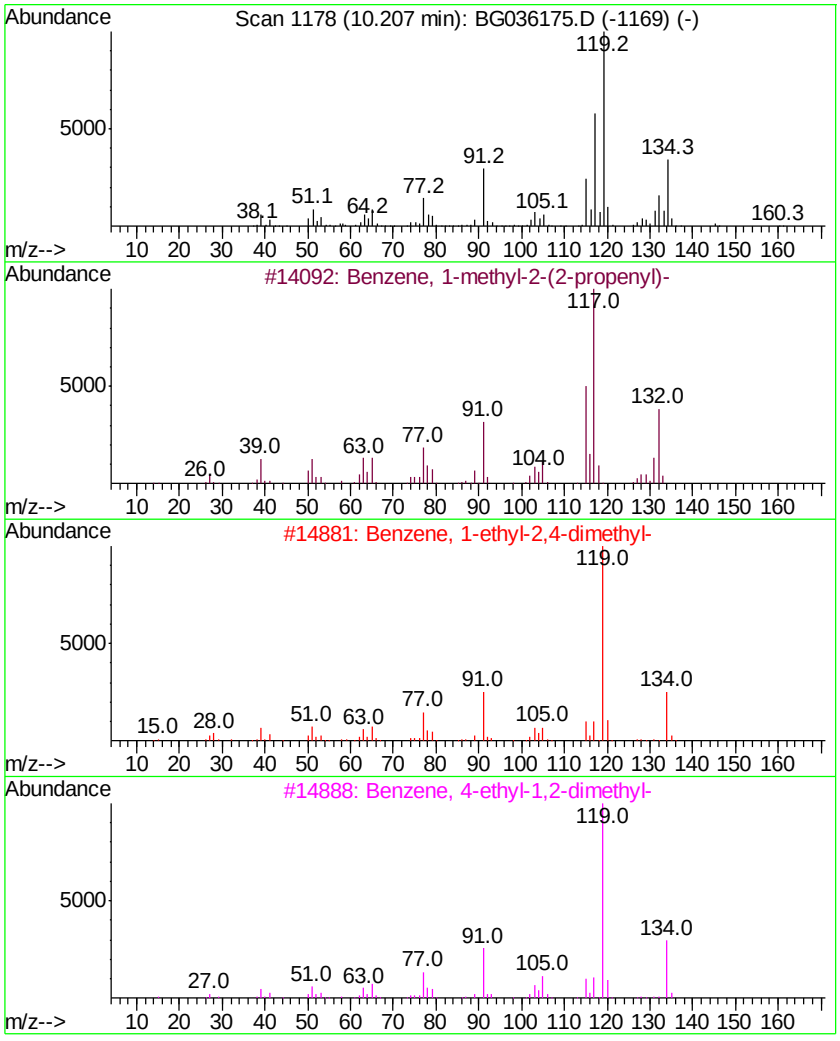
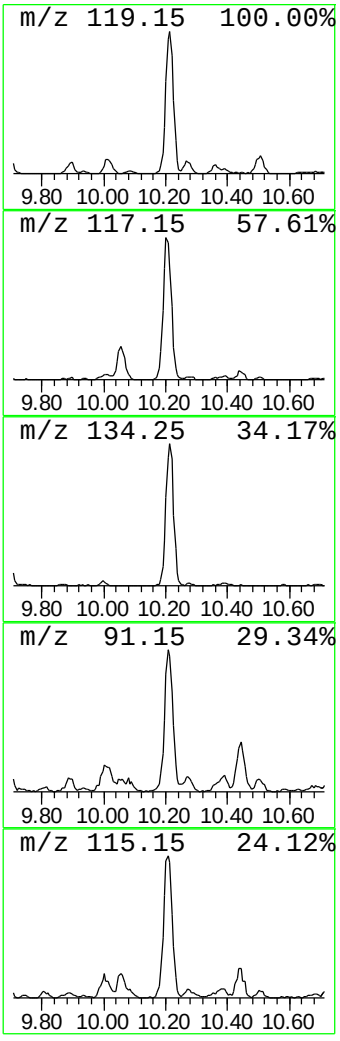
Peak Number 14 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	53.30 ng	1063540	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





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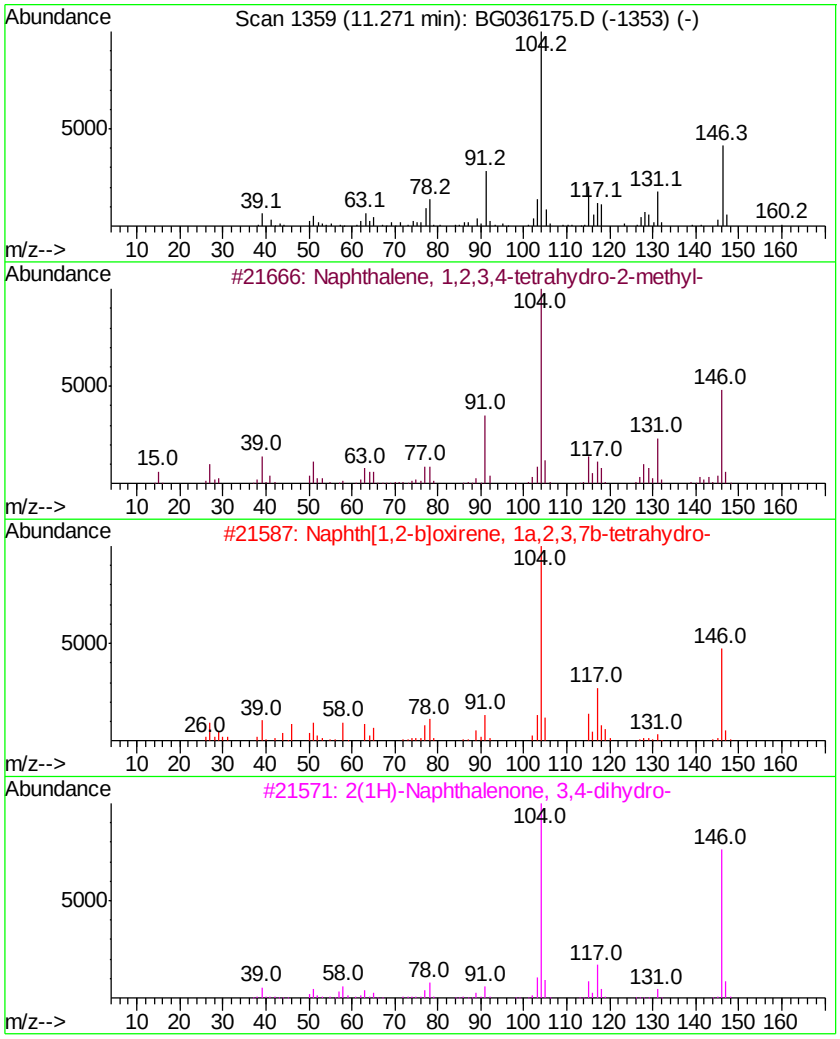
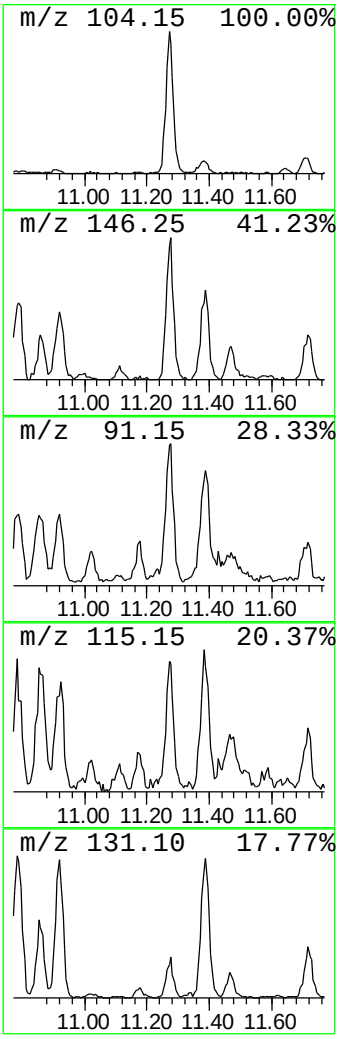
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	13.67 ng	272705	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	74
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	72
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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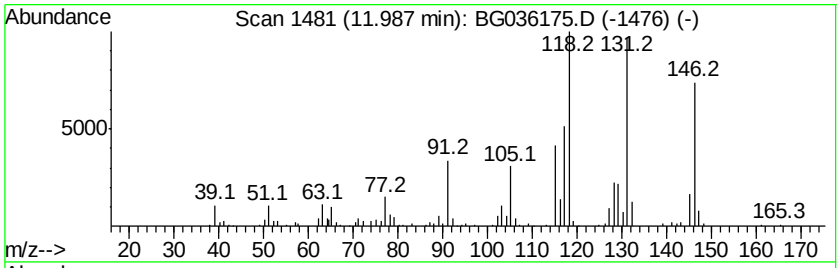
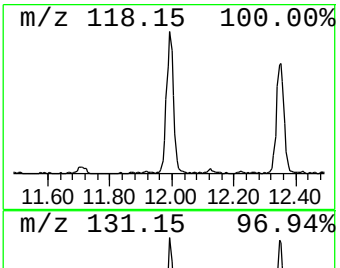
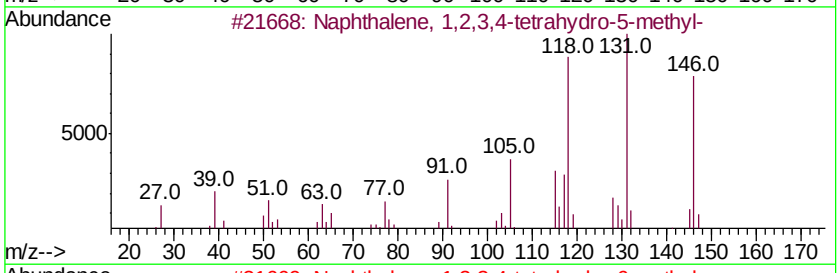
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

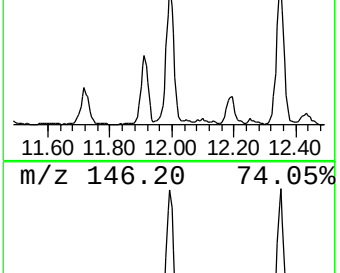
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	21.05 ng	419979	Naphthalene-d8	10.81

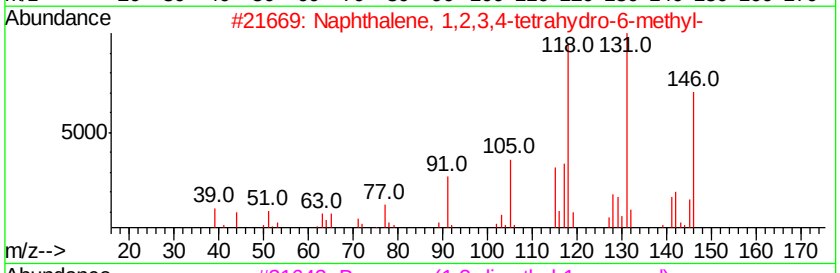
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70

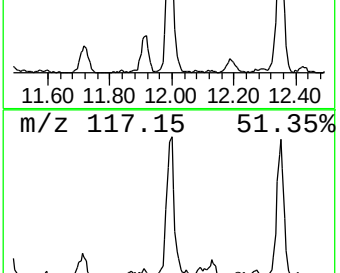


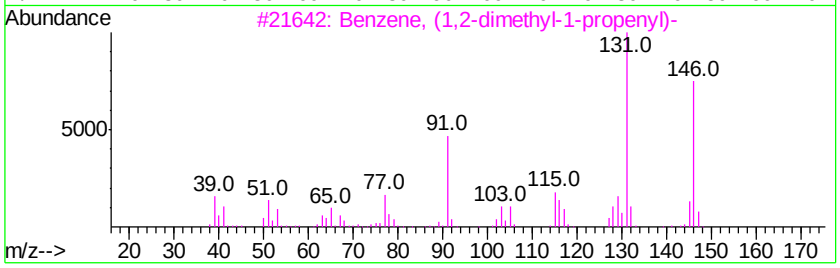


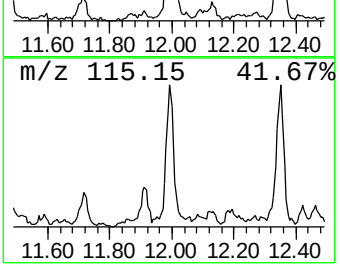












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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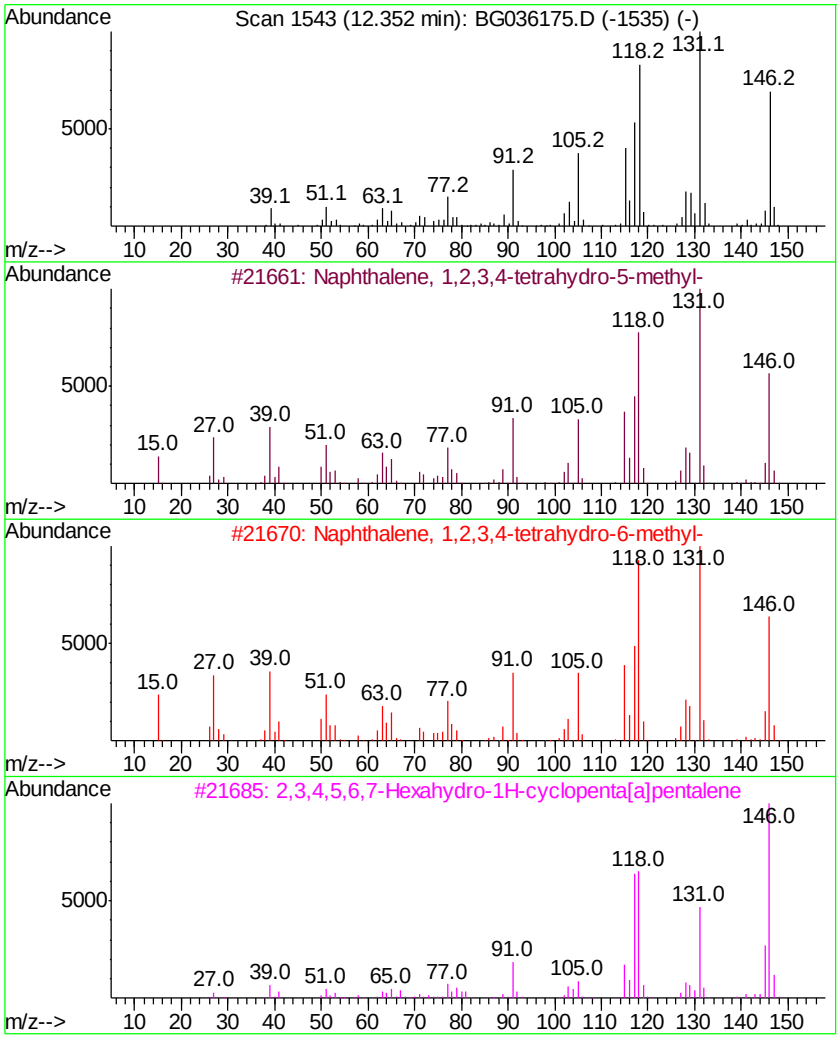
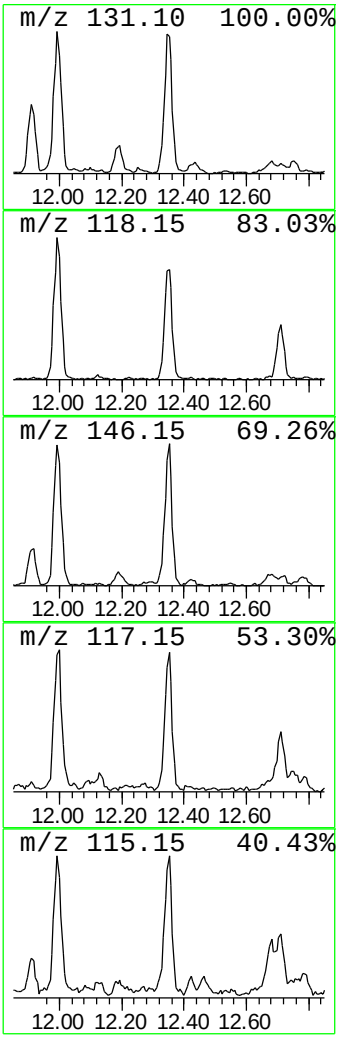
Peak Number 17 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	21.71 ng	433184	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	93
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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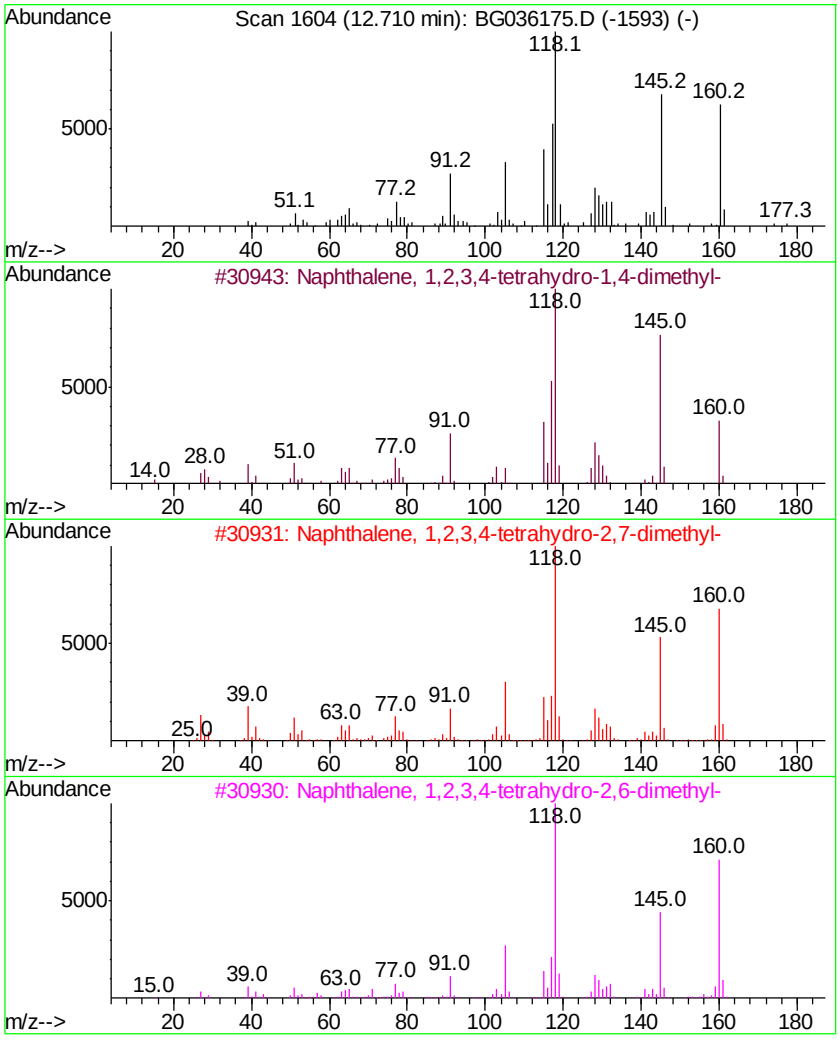
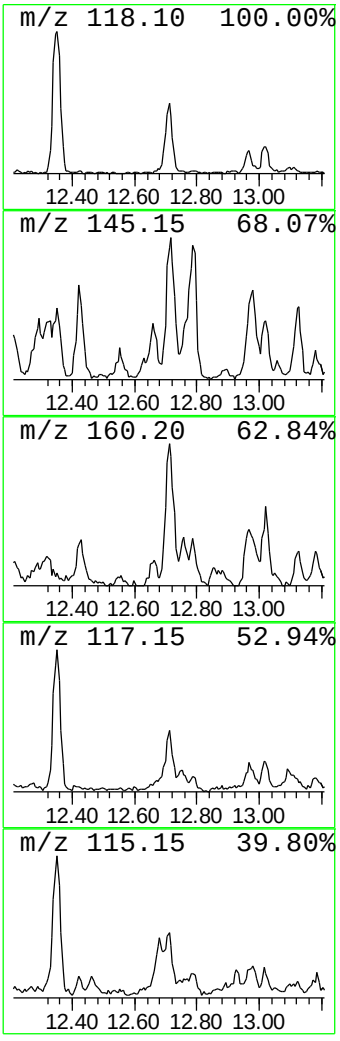
Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	12.87 ng	256814	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55





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Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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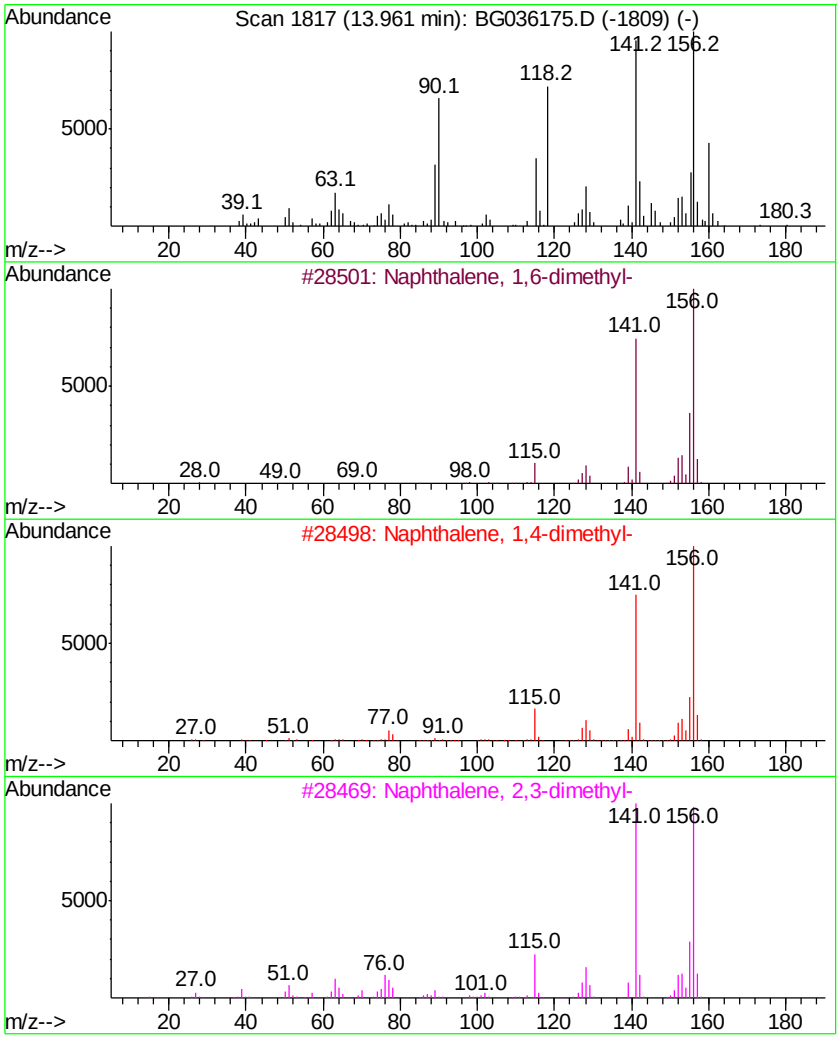
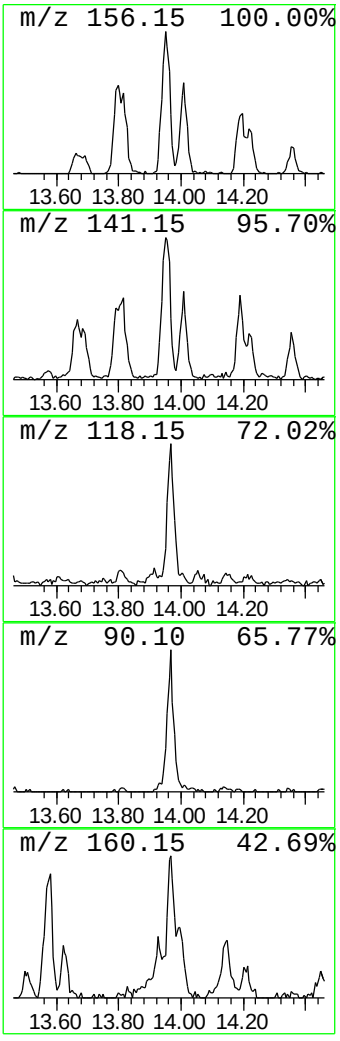
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	13.52 ng	262117	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70





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Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

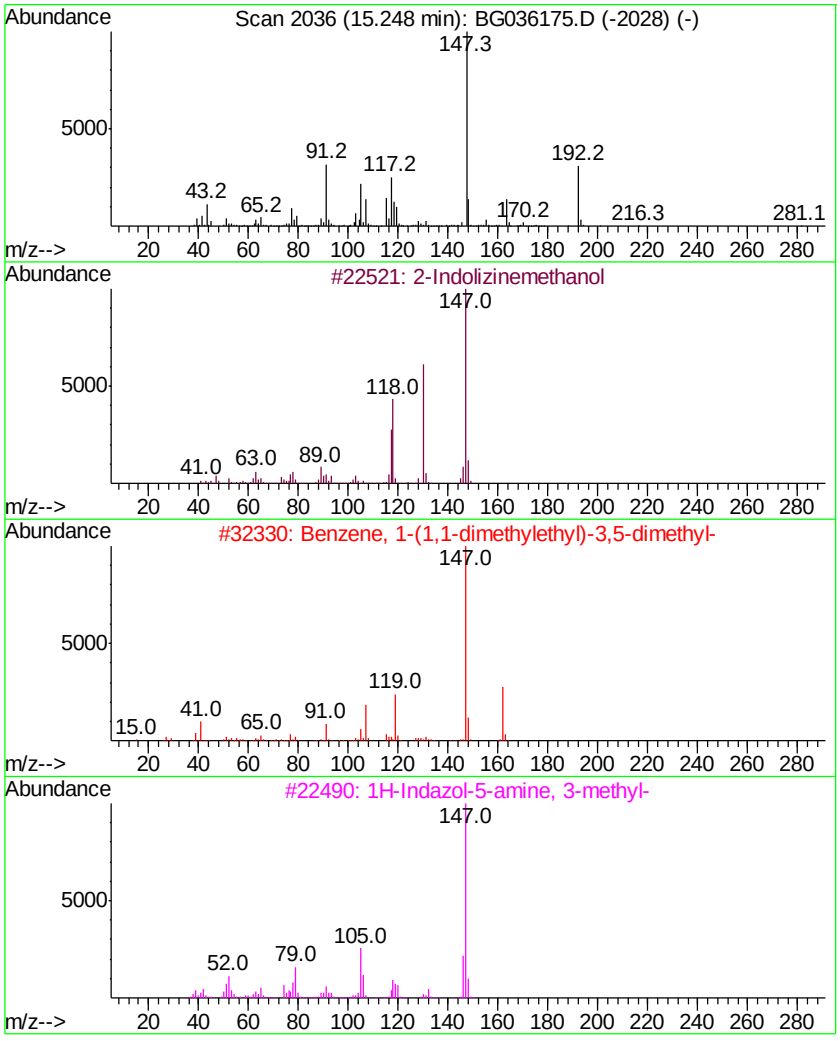
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

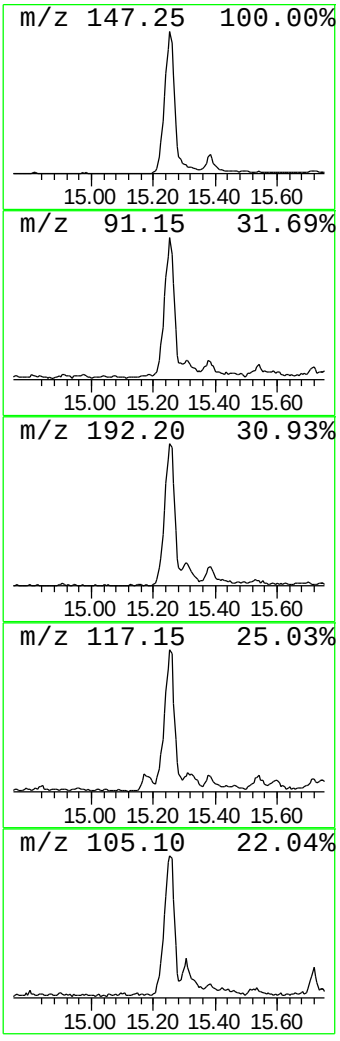
****

Peak Number 20 unknown15.25 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	71.60 ng	1388120	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indolizinemethanol	147	C9H9NO	022320-21-4	43
2	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	43
3	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	40
4	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	38
5	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080718\
Data File : BG036175.D
Acq On : 7 Aug 2018 23:38
Operator : JU/SJ
Sample : J4303-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A19R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.49	18.7	ng	171856	1	8.00	183491	20.0
Benzene, propyl-	6.99	20.5	ng	188054	1	8.00	183491	20.0
unknown7.55	7.55	87.0	ng	797827	1	8.00	183491	20.0
Benzene, 1,2,4-tr...	8.12	14.6	ng	133500	1	8.00	183491	20.0
Indane	8.38	32.1	ng	294103	1	8.00	183491	20.0
Benzene, 1,3-diet...	8.50	23.5	ng	215326	1	8.00	183491	20.0
Benzene, 2-ethyl-...	8.64	19.7	ng	181143	1	8.00	183491	20.0
Benzene, 1,2-diet...	8.70	14.5	ng	133226	1	8.00	183491	20.0
Benzene, 1-methyl...	8.81	14.3	ng	131259	1	8.00	183491	20.0
Benzene, 1-ethyl-...	9.11	65.0	ng	596694	1	8.00	183491	20.0
Benzaldehyde, 4-(...	9.34	12.9	ng	117858	1	8.00	183491	20.0
Benzene, 1,2,4,5-...	9.63	13.1	ng	261003	2	10.81	399106	20.0
Benzene, 1-methyl...	10.21	53.3	ng	1063540	2	10.81	399106	20.0
Naphthalene, 1,2,...	11.27	13.7	ng	272705	2	10.81	399106	20.0
Naphthalene, 1,2,...	11.99	21.1	ng	419979	2	10.81	399106	20.0
2,3,4,5,6,7-Hexah...	12.35	21.7	ng	433184	2	10.81	399106	20.0
Naphthalene, 1,2,...	12.71	12.9	ng	256814	2	10.81	399106	20.0
Naphthalene, 1,6-...	13.96	13.5	ng	262117	3	14.63	387725	20.0
unknown15.25	15.25	71.6	ng	1388120	3	14.63	387725	20.0