LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

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:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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	3.364	8	13	22	rBV2	17272	39767	1.81%	0.240%
2	3.458	24	29	40	rVB	65937	116340	5.29%	0.701%
3	6.143	480	486	503	rBV	100411	217307	9.89%	1.310%
4	7.824	765	772	778	rBV2	61082	125554	5.71%	0.757%
5	7.883	778	782	793	rVB	41886	77723	3.54%	0.469%
6	8.065	806	813	821	rBV	21457	36137	1.64%	0.218%
7	8.223	832	840	862	rBV	264630	547968	24.93%	3.304%
8	8.711	914	923	934	rBV3	50259	120521	5.48%	0.727%
9	9.040	966	979	984	rBV2	292641	592073	26.94%	3.570%
10	9.093	984	988	997	rVV	112529	207995	9.46%	1.254%
11	9.199	1000	1006	1012	rVB3	20498	35511	1.62%	0.214%
12	9.340	1024	1030	1036	rBV3	28473	54262	2.47%	0.327%
13	9.404	1036	1041	1049	rVB3	18729	32785	1.49%	0.198%
14	9.522	1053	1061	1068	rBV2	14028	24909	1.13%	0.150%
15	9.833	1108	1114	1120	rBV3	66026	129228	5.88%	0.779%
16	9.910	1120	1127	1137	rVB2	233439	538395	24.50%	3.246%
17	10.186	1167	1174	1178	rBV4	14030	31853	1.45%	0.192%
18	10.368	1199	1205	1210	rBV	78209	138276	6.29%	0.834%
19	10.427	1210	1215	1228	rVB2	112766	224313	10.21%	1.352%
20	10.744	1263	1269	1275	rBV5	28768	63526	2.89%	0.383%
21	10.803	1275	1279	1292	rVB5	19519	48210	2.19%	0.291%
22	10.961	1294	1306	1312	rBV	233539	456852	20.79%	2.754%
23	11.014	1313	1315	1322	rVB2	16573	22782	1.04%	0.137%
24	11.202	1339	1347	1359	rBV3	32592	72540	3.30%	0.437%
25	11.437	1378	1387	1391	rBV4	15242	32266	1.47%	0.195%
26	11.549	1391	1406	1408	rBV2	62550	130455	5.94%	0.786%
27	11.590	1408	1413	1418	rBV2	64720	120903	5.50%	0.729%
28	11.684	1424	1429	1437	rVB2	65231	129596	5.90%	0.781%
29	11.772	1437	1444	1453	rVB4	26037	48081	2.19%	0.290%
30	11.937	1466	1472	1484	rVB7	14623	41772	1.90%	0.252%
31	12.042	1484	1490	1497	rBV2	31567	63588	2.89%	0.383%
32	12.154	1501	1509	1512	rBV3	33326	63166	2.87%	0.381%
33	12.225	1517	1521	1534	rVB5	27457	78174	3.56%	0.471%
34	12.471	1557	1563	1573	rVB	65940	115672	5.26%	0.697%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : LW-03-OW

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:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.659	1586	1595	1603	rBV2	55748	125340	5.70%	0.756%
36	12.742	1604	1609	1615	rVV4	21083	44313	2.02%	0.267%
37	12.859	1626	1629	1635	rVB	23690	39989	1.82%	0.241%
38	12.930	1635	1641	1649	rBV4	41309	103418	4.71%	0.623%
39	13.018	1650	1656	1660	rVV3	20060	48079	2.19%	0.290%
40	13.088	1663	1668	1675	rVV3	68956	131973	6.00%	0.796%
41	13.153	1675	1679	1682	rVV2	20509	28290	1.29%	0.171%
42	13.417	1713	1724	1732	rBV	121294	296228	13.48%	1.786%
43	13.482	1732	1735	1745	rVB5	27496	74103	3.37%	0.447%
44	13.693	1767	1771	1778	rVB3	23402	47518	2.16%	0.286%
45	13.970	1810	1818	1831	rBV	787867	1347510	61.31%	8.124%
46	14.122	1840	1844	1850	rBV9	10946	23963	1.09%	0.144%
47	14.193	1854	1856	1861	rVV6	14743	25436	1.16%	0.153%
48	14.275	1864	1870	1876	rVV3	37169	72452	3.30%	0.437%
49	14.404	1886	1892	1898	rVB2	35685	66595	3.03%	0.401%
50	14.516	1900	1911	1922	rBV9	77407	278898	12.69%	1.681%
51	14.663	1929	1936	1940	rBV	100739	191535	8.71%	1.155%
52	14.716	1940	1945	1949	rVV3	85801	159256	7.25%	0.960%
53	14.763	1951	1953	1961	rVB2	31265	56963	2.59%	0.343%
54	14.892	1970	1975	1978	rBV2	60746	100727	4.58%	0.607%
55	14.939	1978	1983	1985	rVV4	35263	59194	2.69%	0.357%
56	15.062	1993	2004	2009	rBV3	57944	141839	6.45%	0.855%
57	15.133	2013	2016	2021	rVV6	27504	51447	2.34%	0.310%
58	15.339	2040	2051	2058	rBV2	148499	372623	16.95%	2.246%
59	15.403	2058	2062	2067	rBV3	54878	106728	4.86%	0.643%
60	15.456	2067	2071	2075	rVB5	23241	34813	1.58%	0.210%
61	15.521	2075	2082	2085	rBV4	59781	143076	6.51%	0.863%
62	15.638	2098	2102	2106	rVB5	35596	43880	2.00%	0.265%
63	15.720	2108	2116	2123	rVV4	51172	169397	7.71%	1.021%
64	15.785	2123	2127	2131	rVV3	29979	63823	2.90%	0.385%
65	15.832	2131	2135	2141	rVV4	54523	120309	5.47%	0.725%
66	15.903	2143	2147	2149	rVV4	31823	54454	2.48%	0.328%
67	15.944	2149	2154	2159	rVV4	86418	175487	7.98%	1.058%
68	15.985	2159	2161	2168	rVB6	14076	24437	1.11%	0.147%
69	16.096	2175	2180	2181	rBV2	34736	49727	2.26%	0.300%
70	16.155	2185	2190	2198	rVV5	91963	206488	9.40%	1.245%
71	16.226	2199	2202	2205	rVV	19780	27969	1.27%	0.169%

LSC Area Percent Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

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

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.373	2221	2227	2231	rBV4	47218	108572	4.94%	0.655%
73	16.508	2245	2250	2256	rVB	81709	152412	6.93%	0.919%
74	16.578	2256	2262	2268	rVB8	38097	94469	4.30%	0.570%
75	16.708	2274	2284	2294	rBV2	354870	818854	37.26%	4.937%
76	16.819	2297	2303	2311	rBV	644447	1099307	50.02%	6.628%
77	17.054	2337	2343	2350	rBV8	35536	81868	3.72%	0.494%
78	17.178	2360	2364	2370	rVB9	21094	43219	1.97%	0.261%
79	17.348	2385	2393	2394	rBV8	20765	35742	1.63%	0.215%
80	17.424	2401	2406	2417	rBV5	42395	107303	4.88%	0.647%
81	17.812	2466	2472	2473	rBV6	16117	24474	1.11%	0.148%
82	17.888	2481	2485	2486	rBV4	19081	22923	1.04%	0.138%
83	18.076	2511	2517	2526	rVB	230651	407174	18.53%	2.455%
84	18.400	2567	2572	2573	rBV5	17149	26374	1.20%	0.159%
85	18.693	2619	2622	2631	rVB2	54892	96167	4.38%	0.580%
86	18.899	2653	2657	2664	rBV7	56271	91731	4.17%	0.553%
87	19.539	2760	2766	2767	rBV6	21210	31571	1.44%	0.190%
88	19.816	2807	2813	2818	rBV10	23577	57515	2.62%	0.347%
89	20.133	2863	2867	2871	rVB6	38764	56378	2.57%	0.340%
90	20.344	2899	2903	2905	rBV5	15050	22836	1.04%	0.138%
91	20.615	2943	2949	2957	rVB	1682247	2197800	100.00%	13.250%
92	21.619	3117	3120	3124	rBV6	12873	22478	1.02%	0.136%
93	21.943	3172	3175	3180	rVB7	45054	72256	3.29%	0.436%
94	22.401	3246	3253	3263	rVB	272478	510539	23.23%	3.078%
95	26.073	3865	3878	3890	rBV	153196	518210	23.58%	3.124%

Sum of corrected areas: 16586949

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
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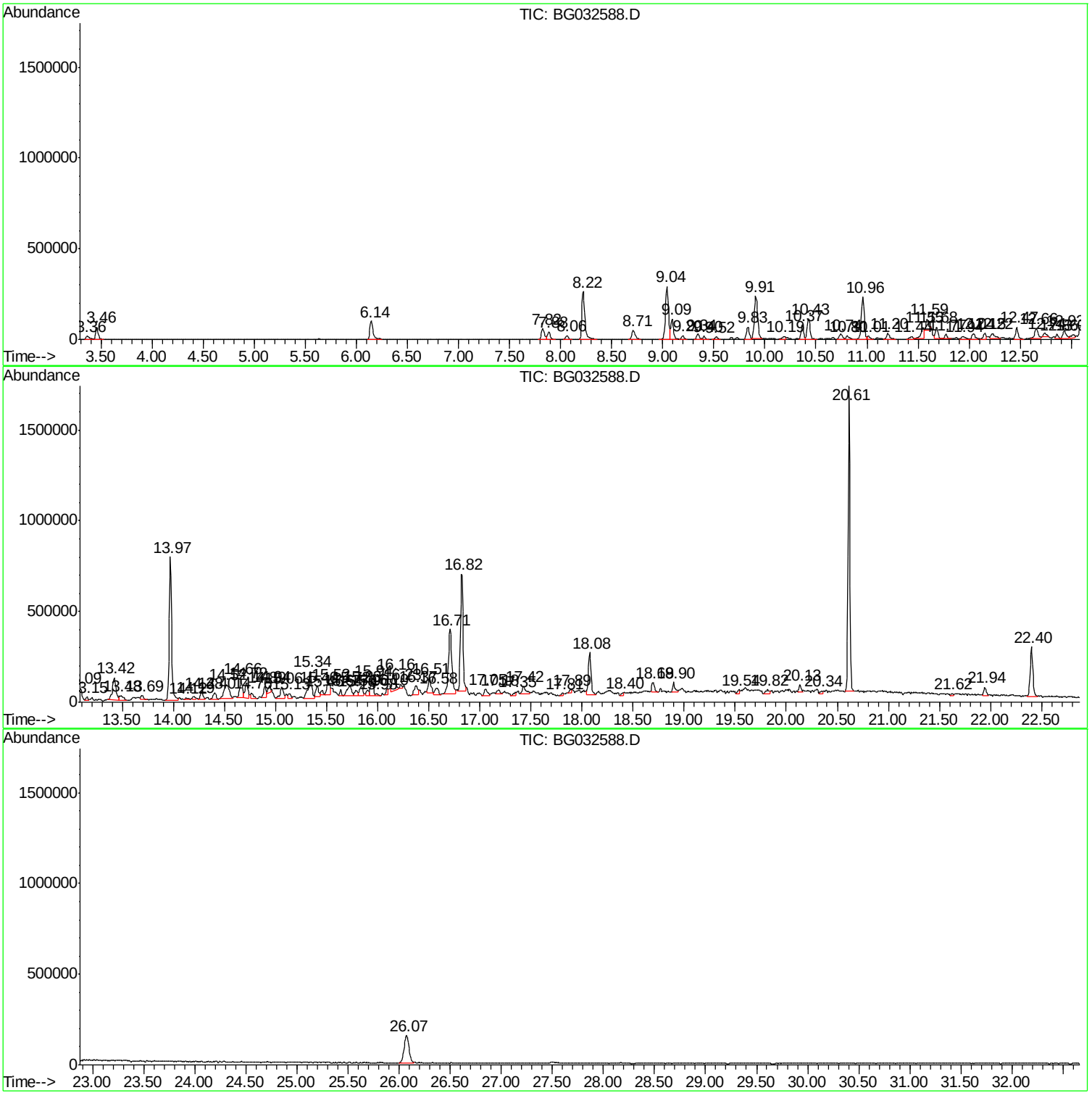
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
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Operator : SJ/JU
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

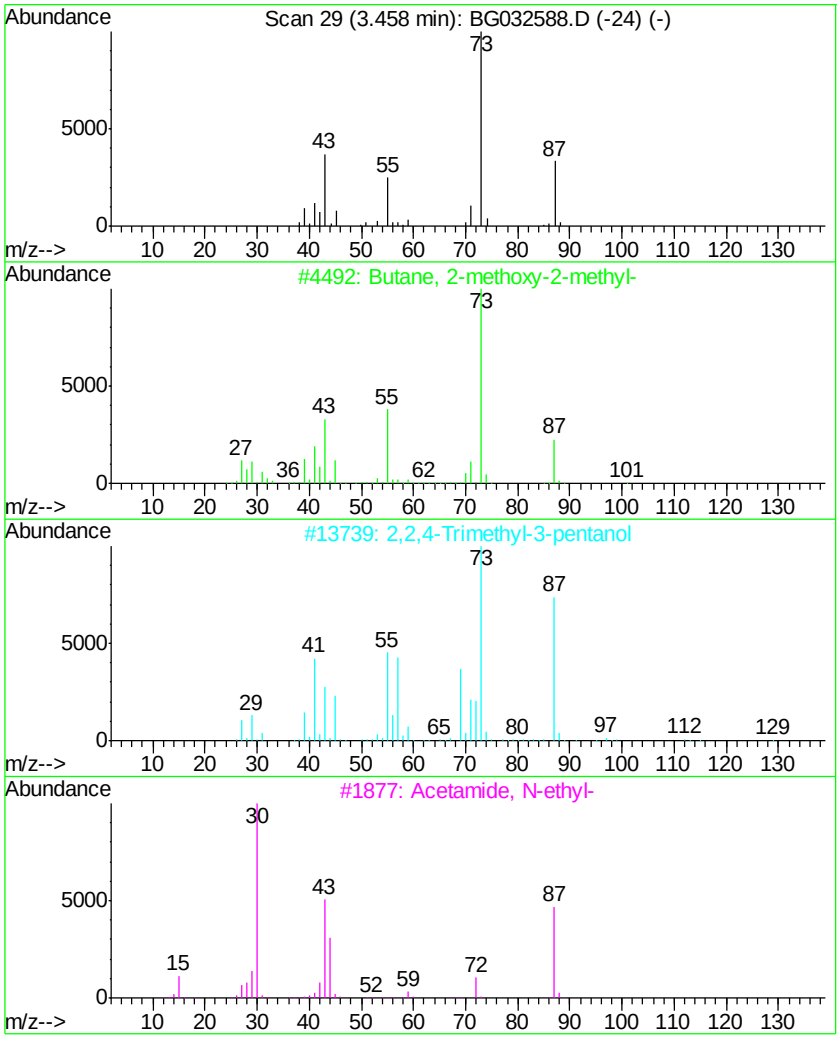
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

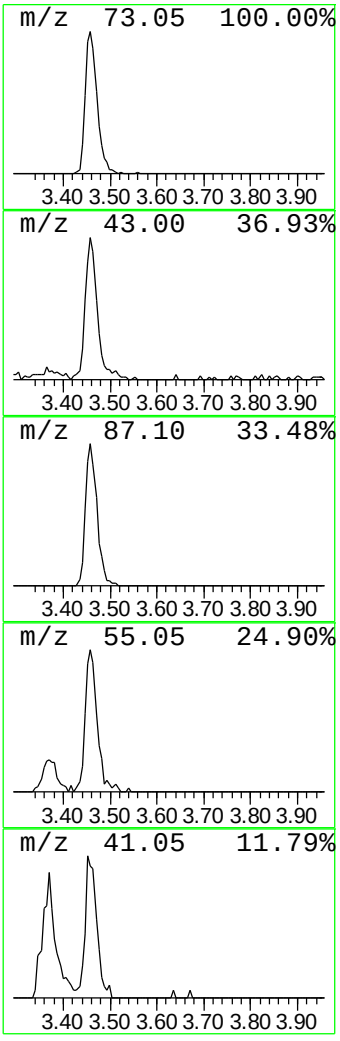
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	19.31 ng	116340	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

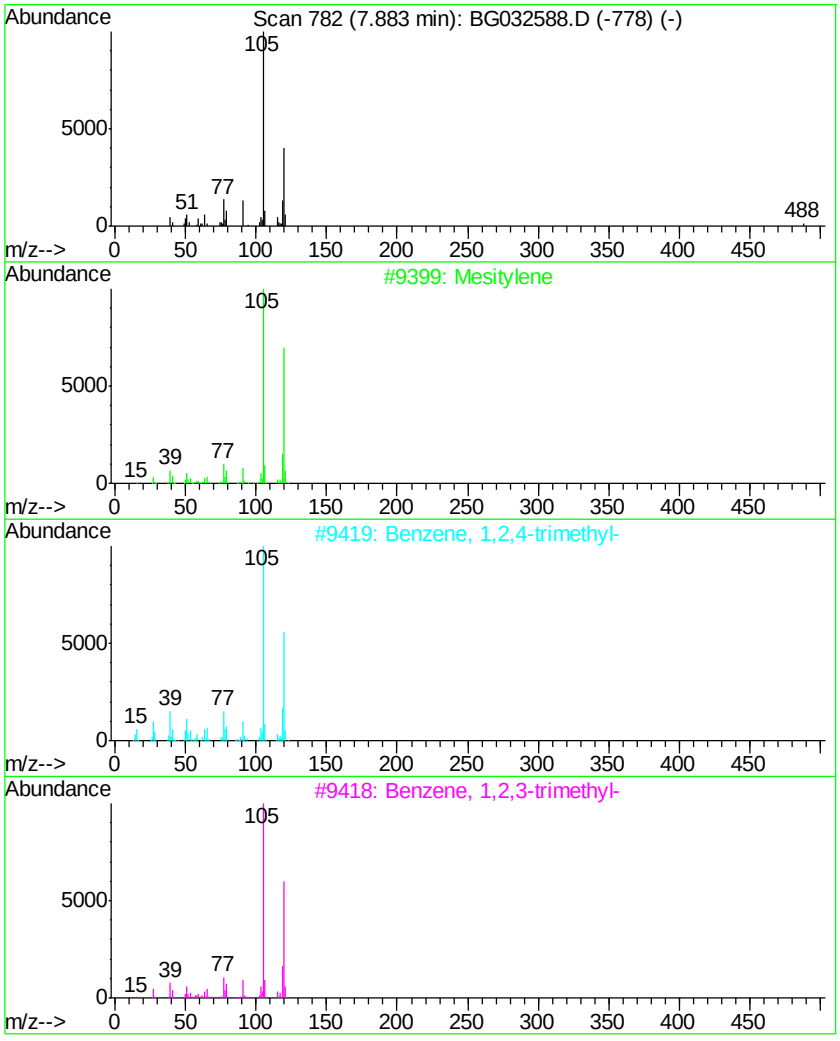
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

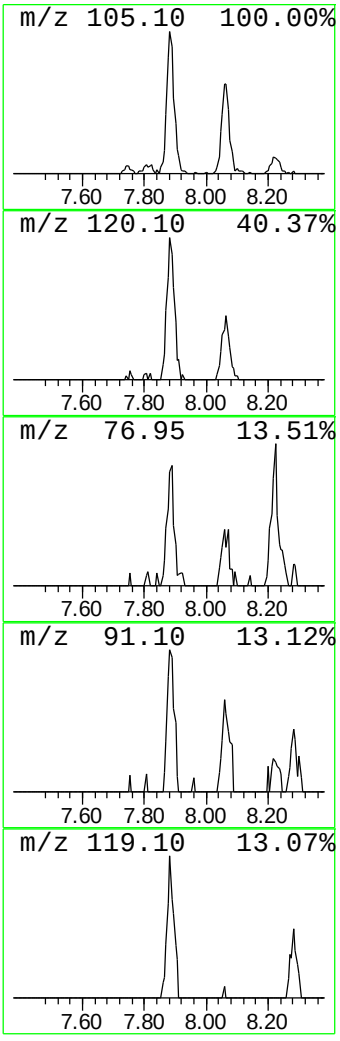
****

Peak Number 2 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	12.90 ng	77723	1,4-Dichlorobenzene-d4	8.71

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





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Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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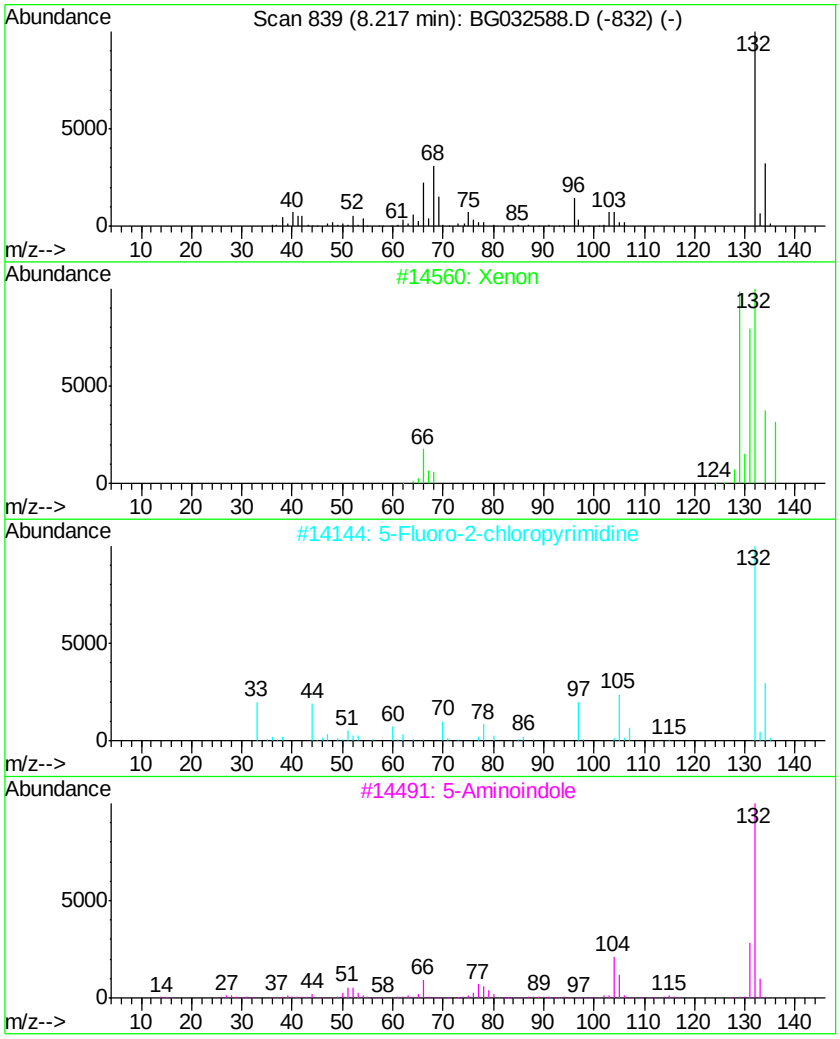
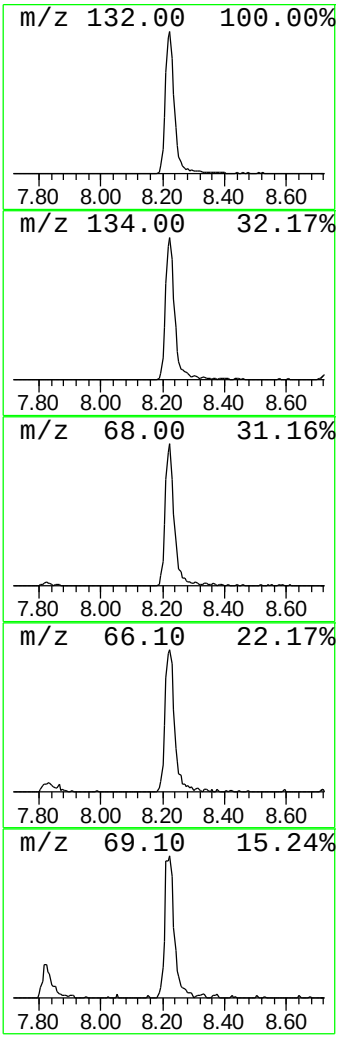
Peak Number 3 Xenon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	90.93 ng	547968	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	50
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	16
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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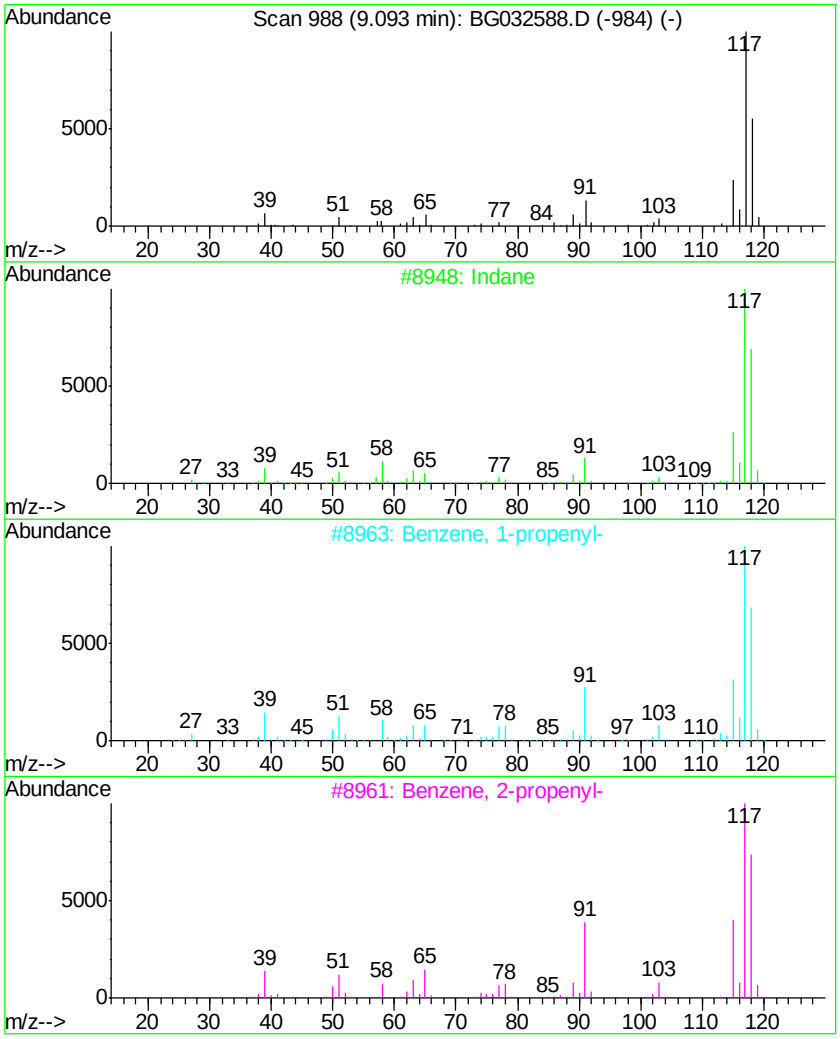
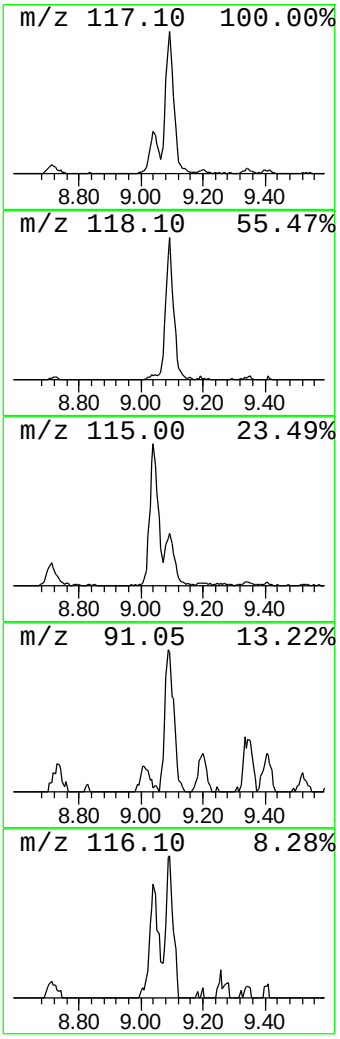
Peak Number 5 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	34.52 ng	207995	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74





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Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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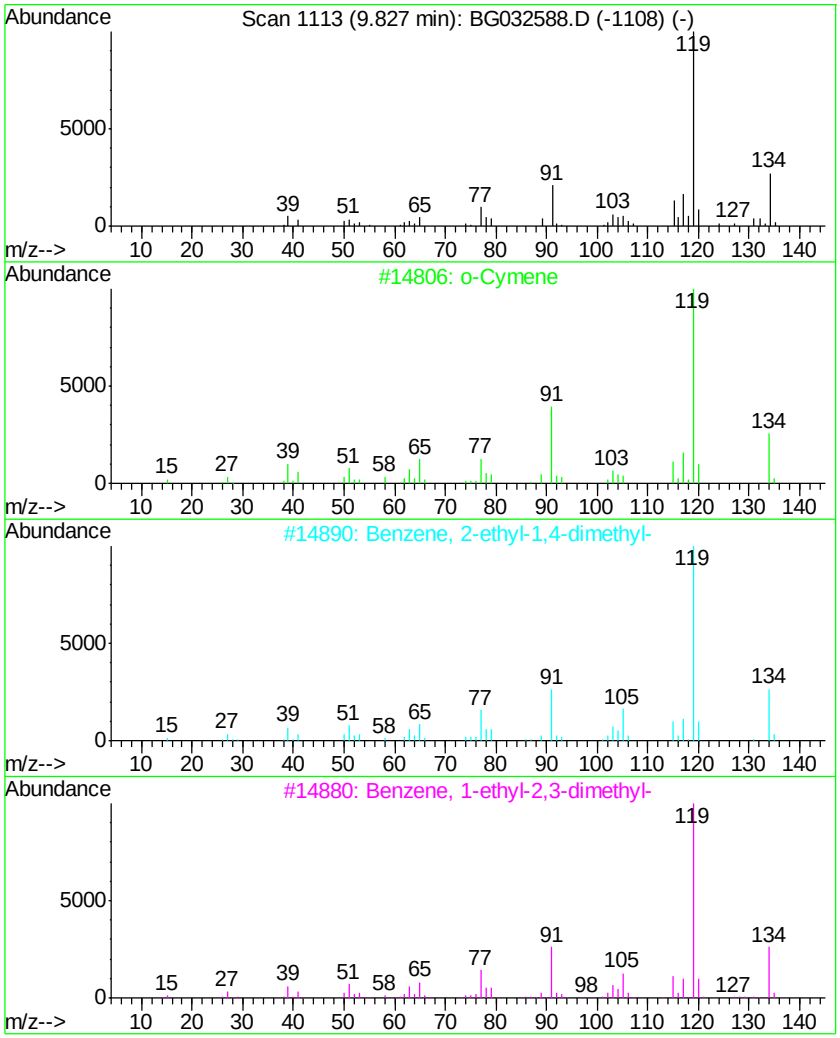
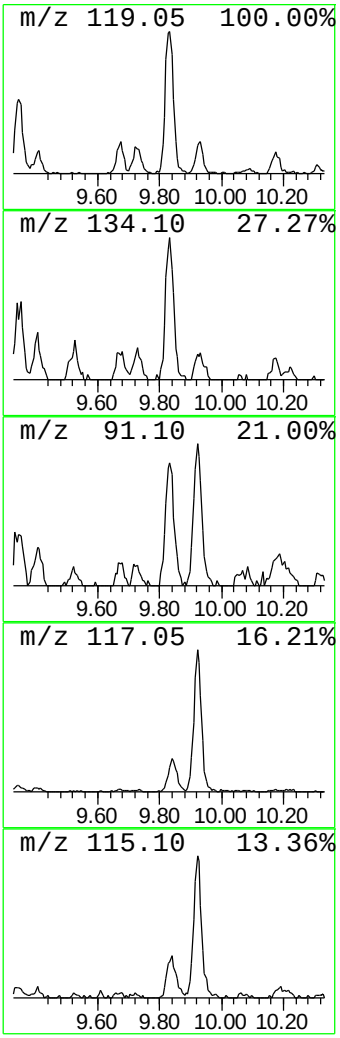
Peak Number 6 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	21.44 ng	129228	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

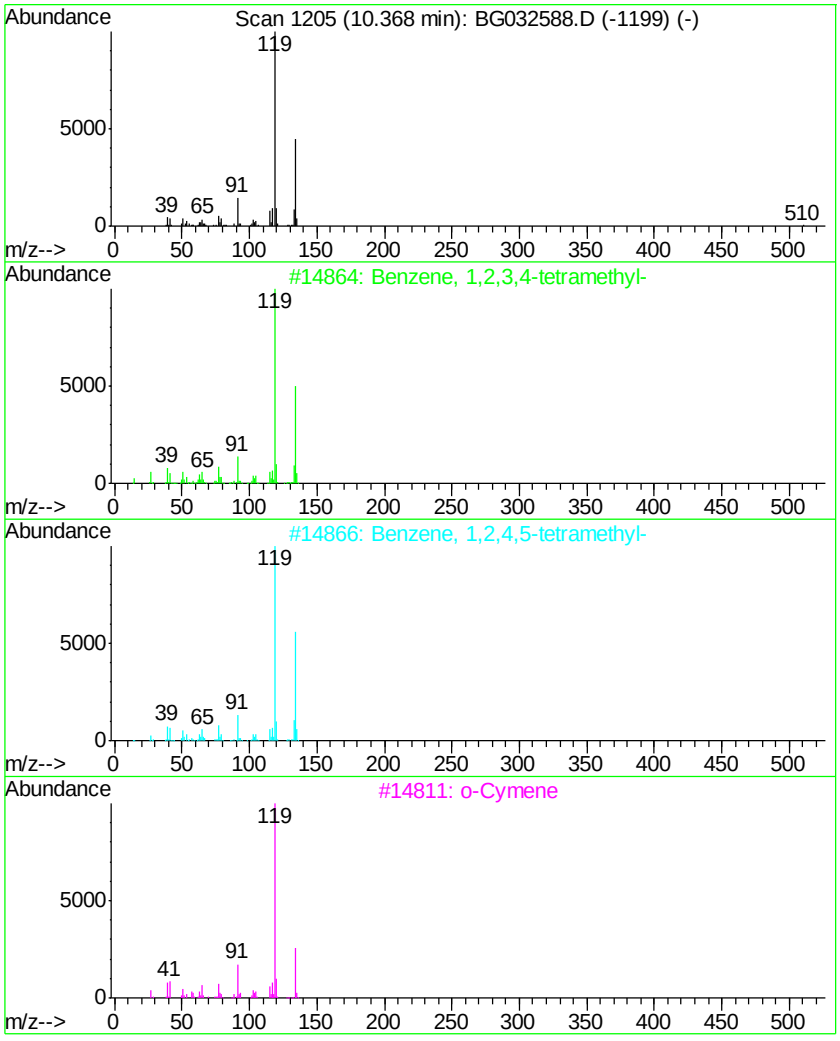
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

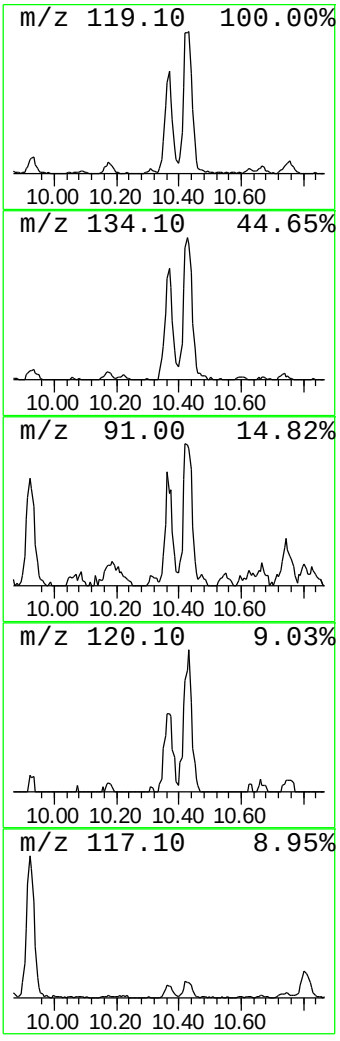
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	22.87 ng	138276	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

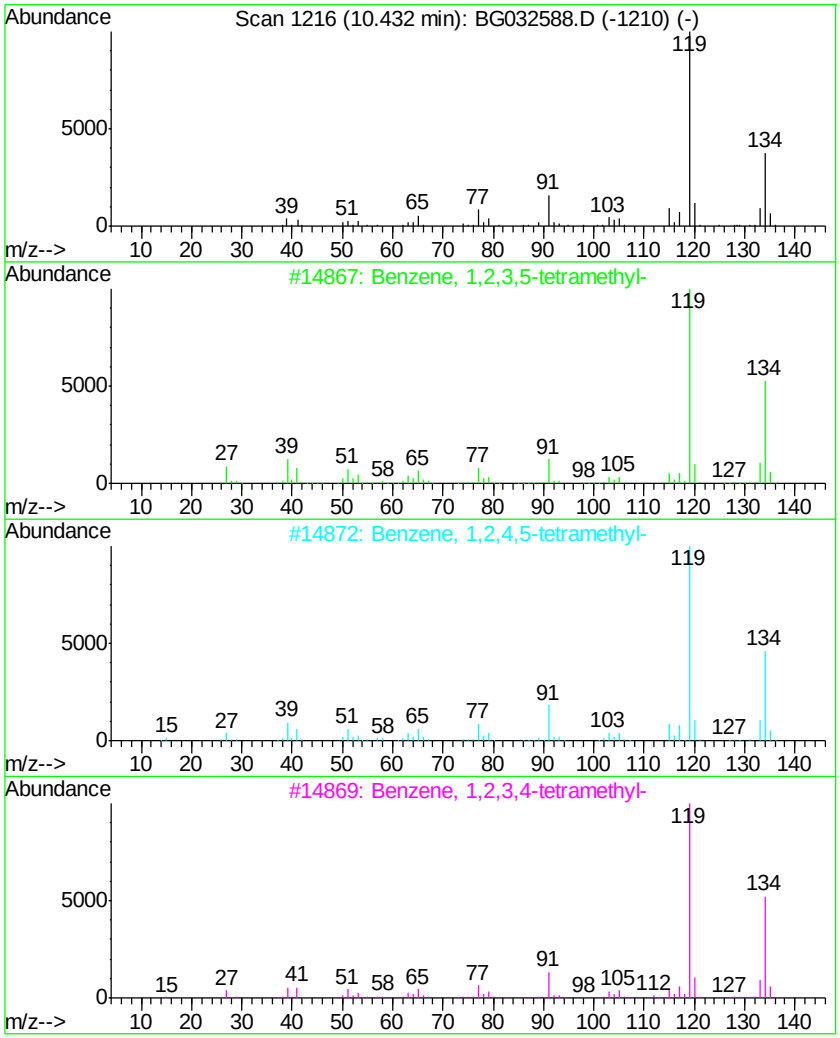
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

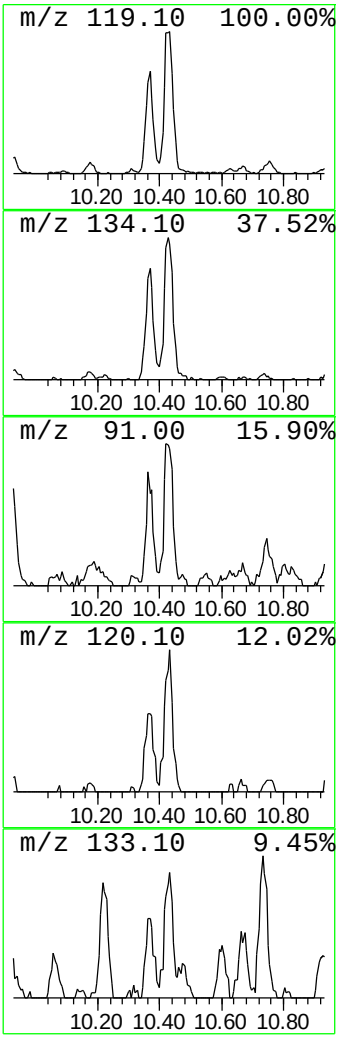
****

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	37.11 ng	224313	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

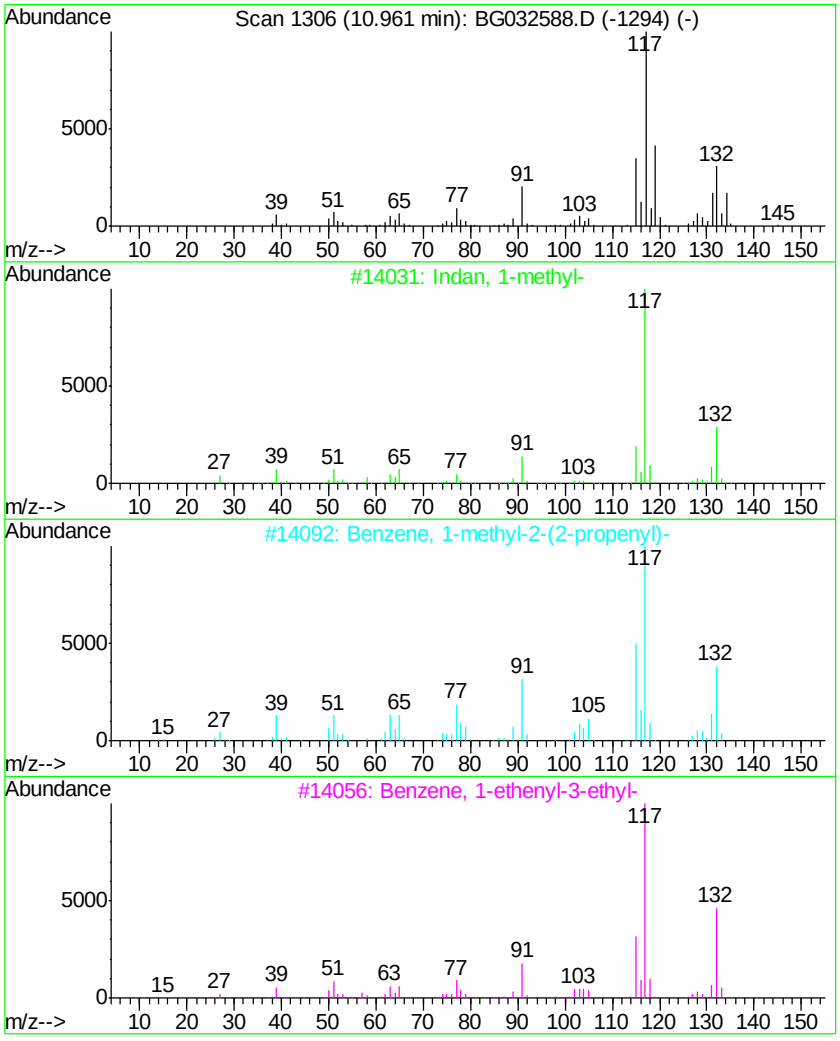
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

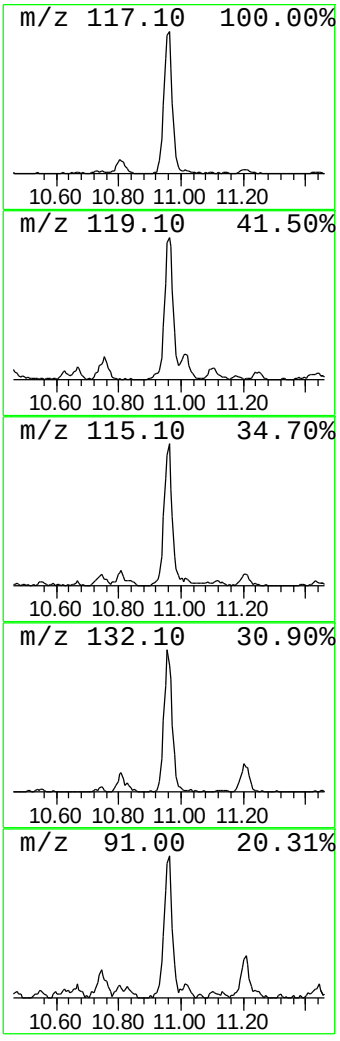
****

Peak Number 9 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	75.57 ng	456852	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	76
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68





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Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

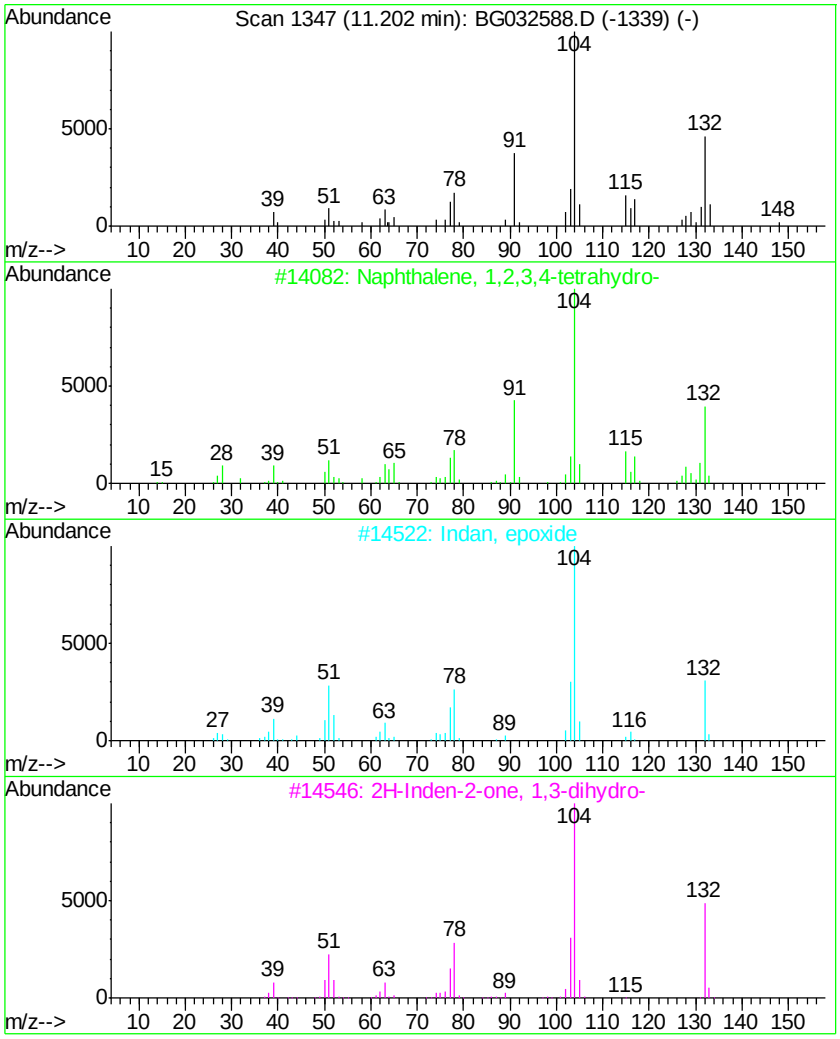
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

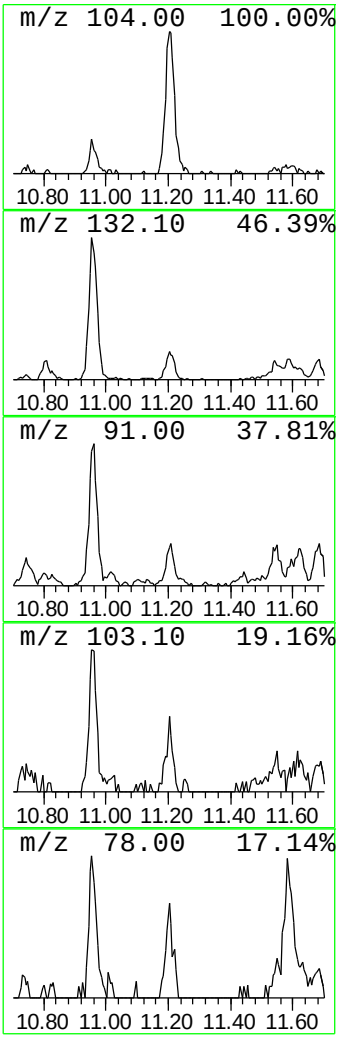
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	12.00 ng	72540	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	49
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

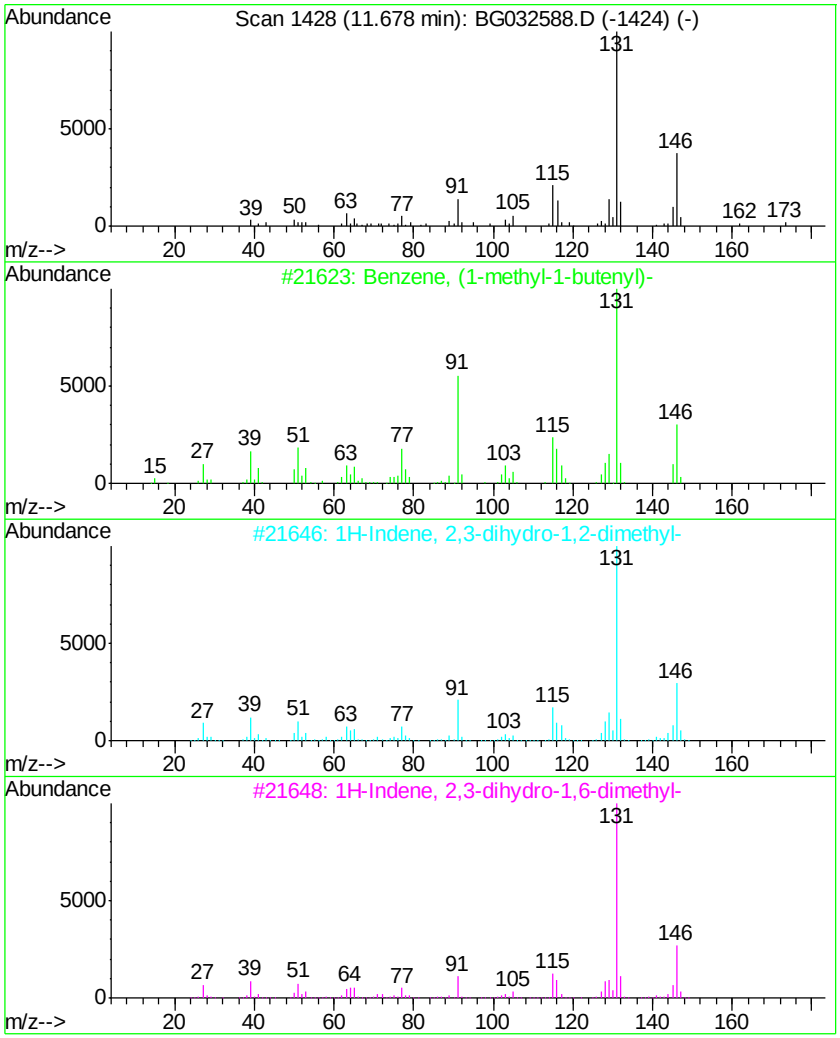
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

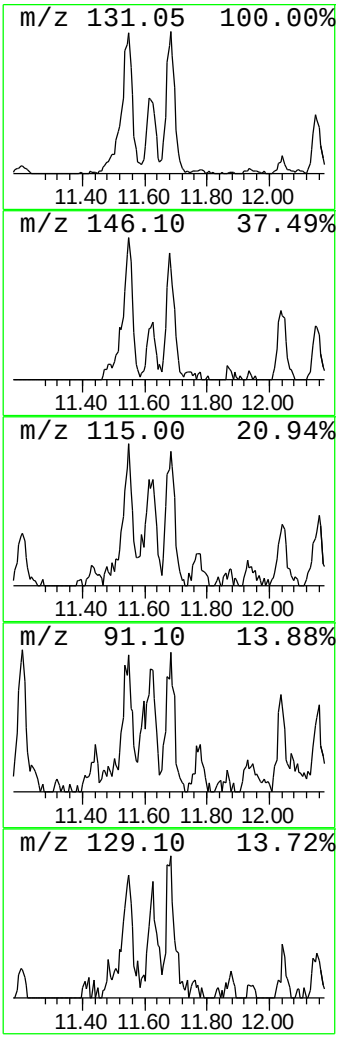
****

Peak Number 11 Benzene, (1-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	21.44 ng	129596	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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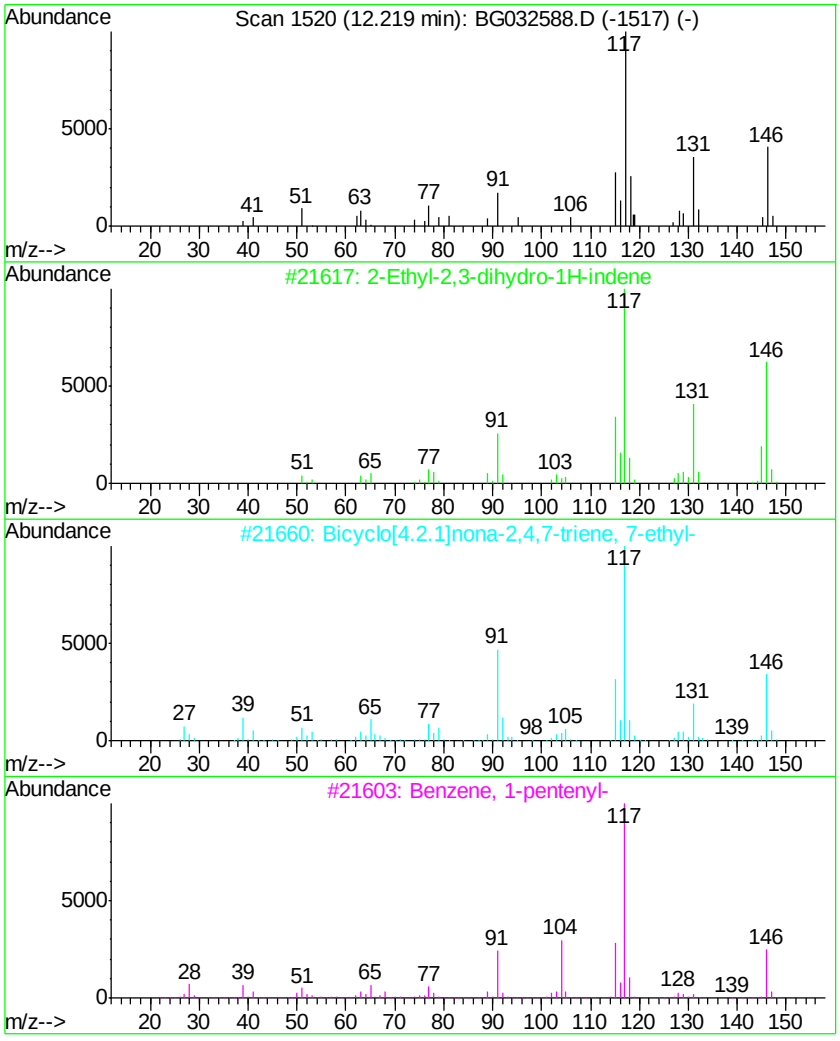
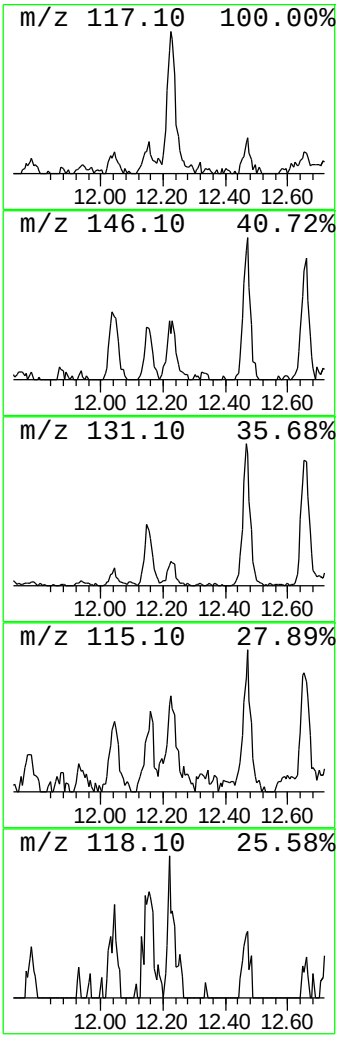
Peak Number 12 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	12.93 ng	78174	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	80
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	78
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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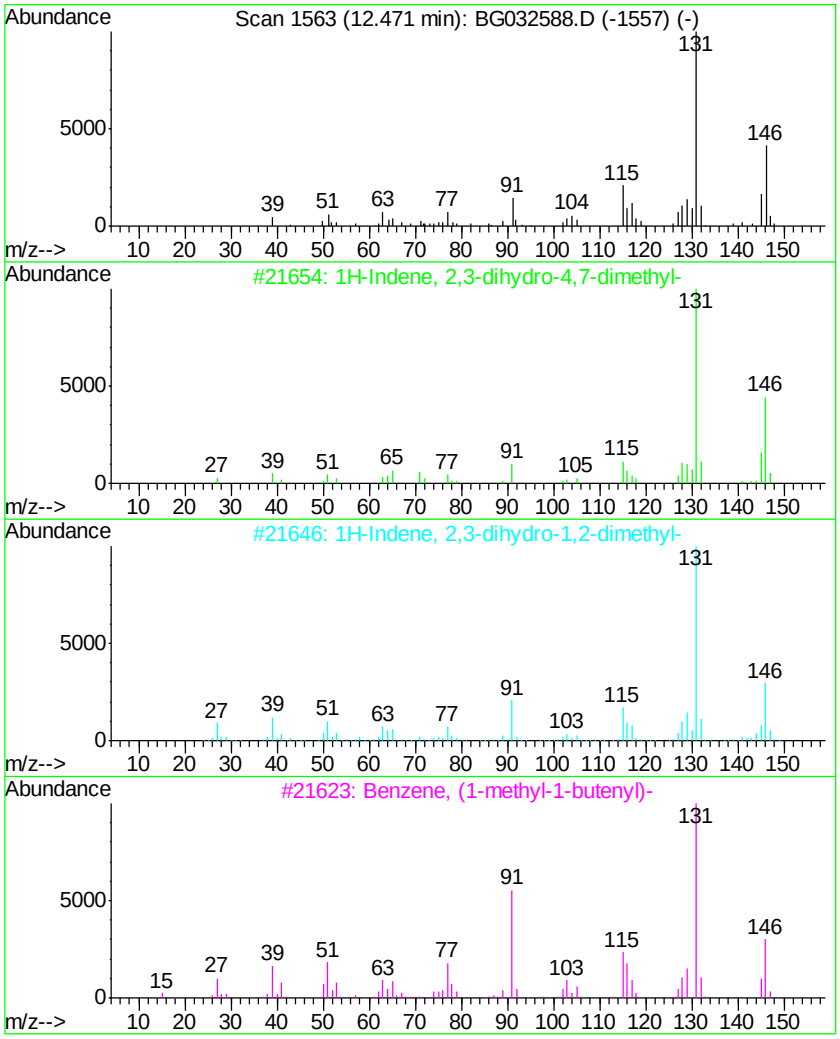
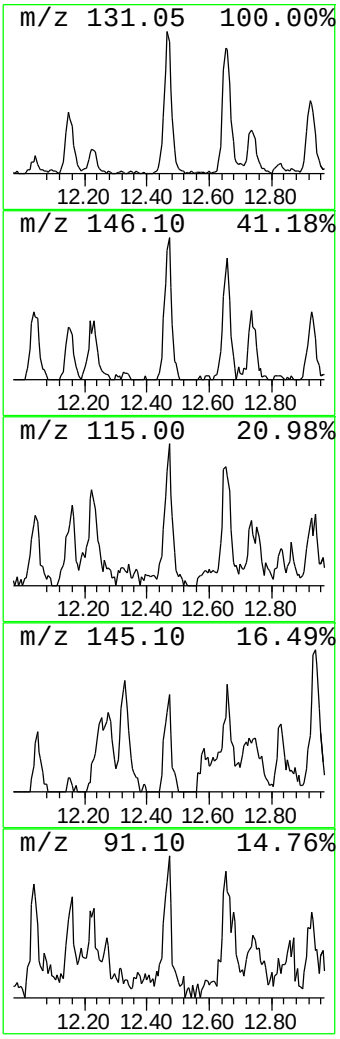
Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	19.13 ng	115672	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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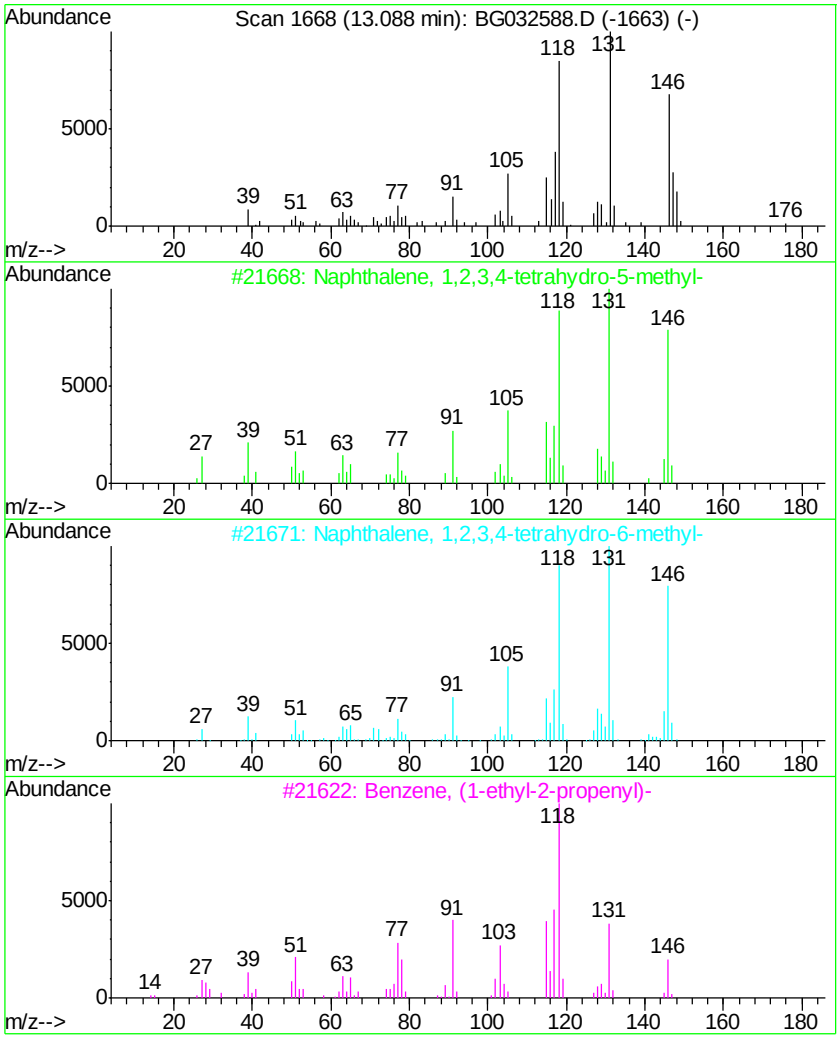
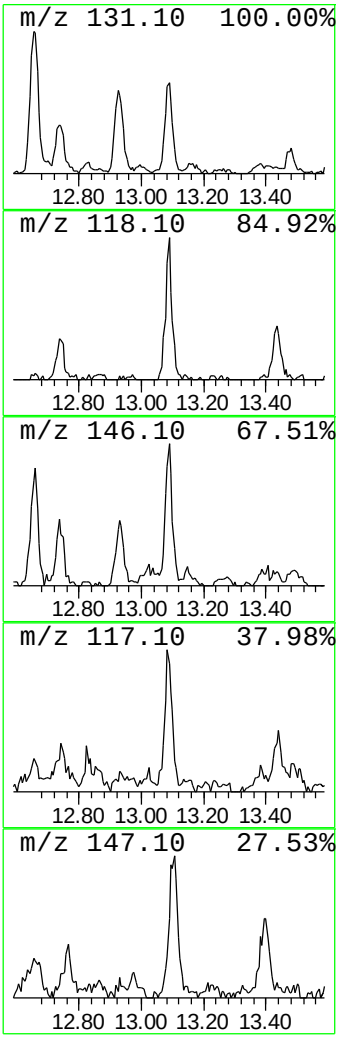
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	21.83 ng	131973	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	91
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	89
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	72
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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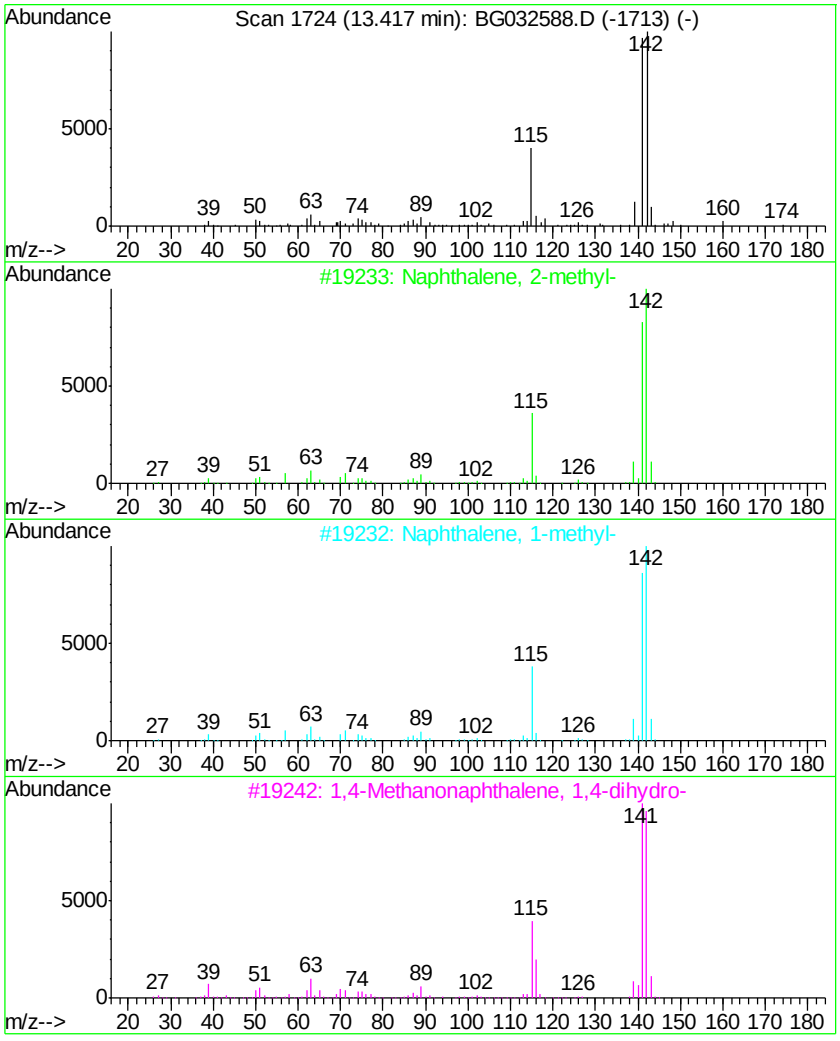
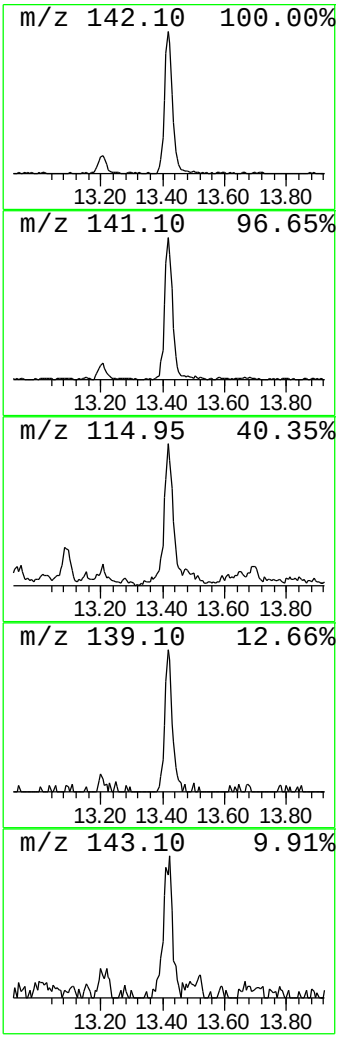
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	49.00 ng	296228	Naphthalene-d8	11.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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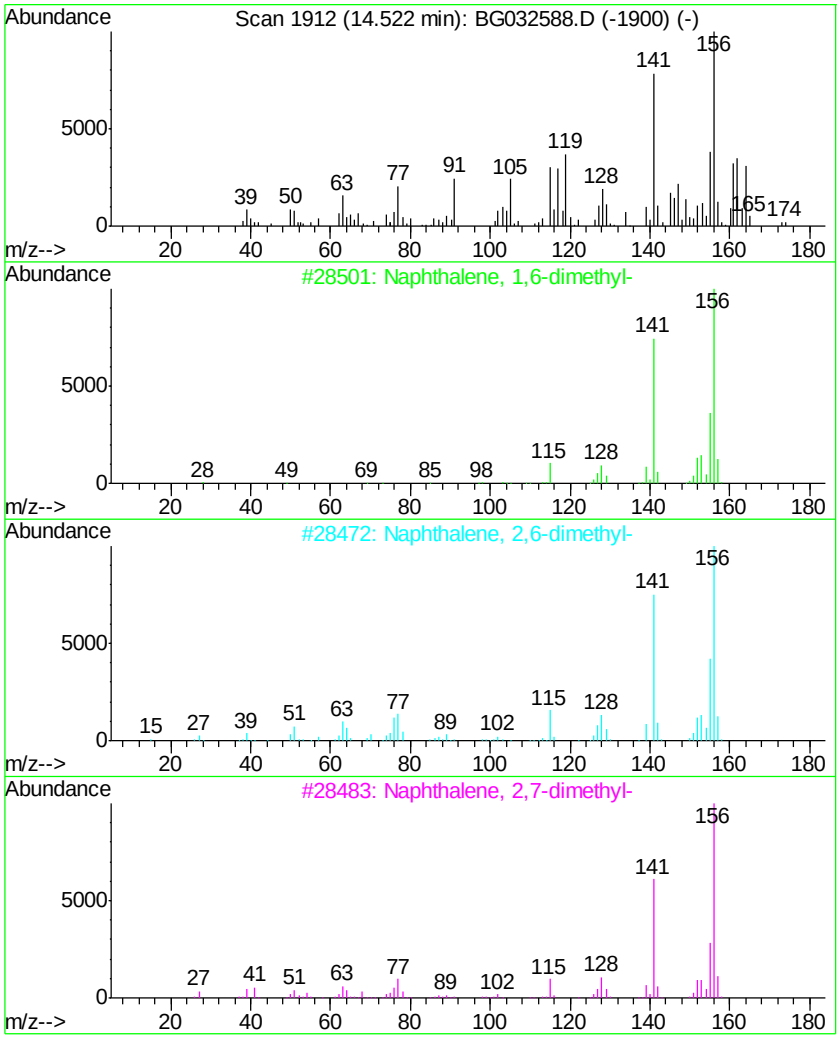
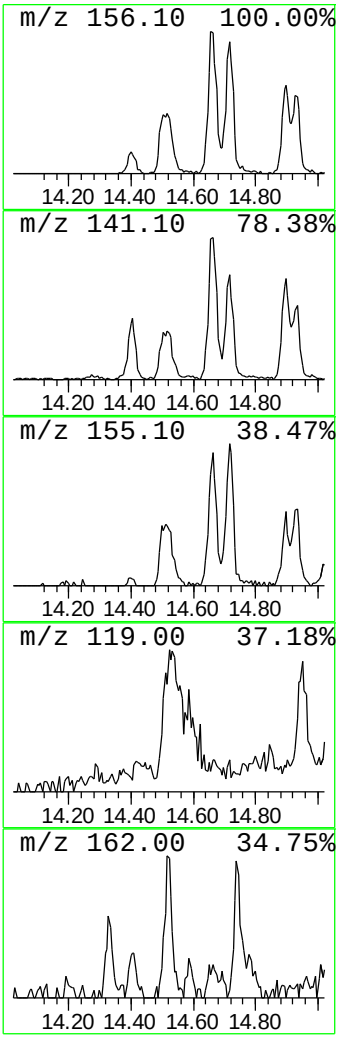
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	14.97 ng	278898	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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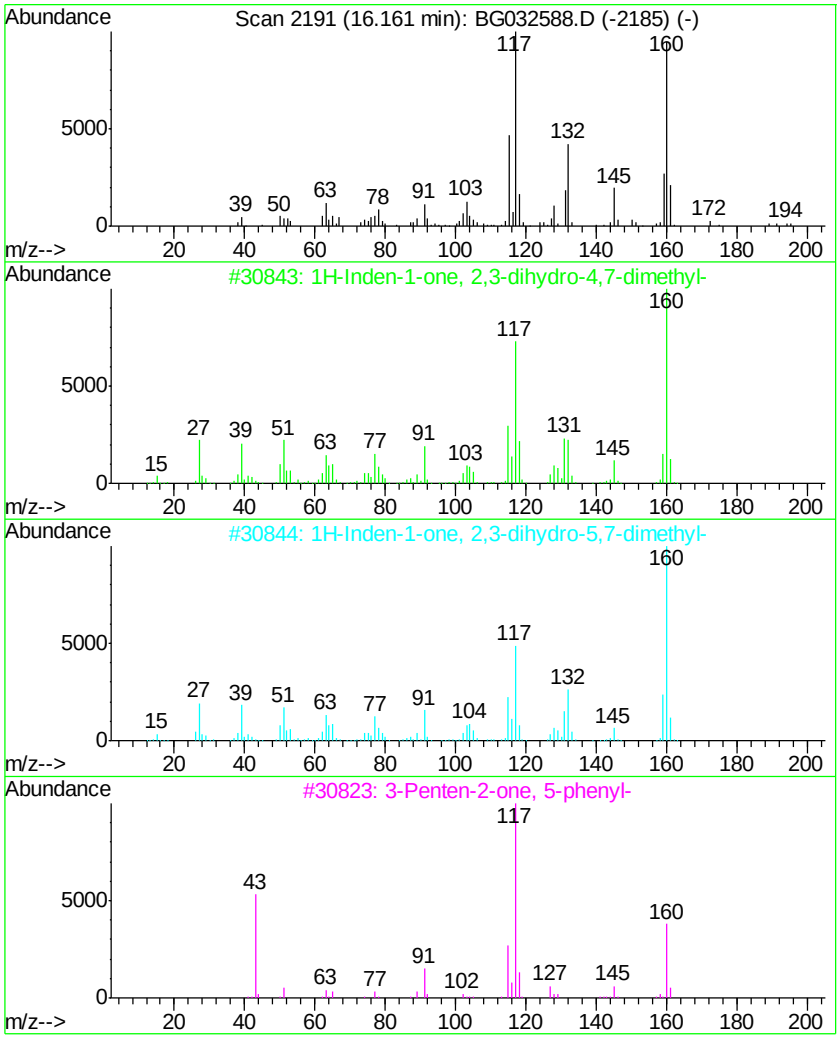
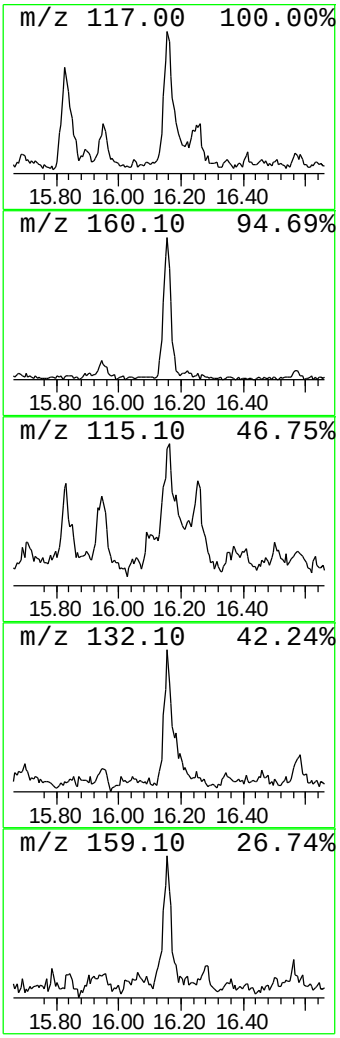
Peak Number 19 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.08 ng	206488	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	87
2	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	86
3	3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	58
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	45
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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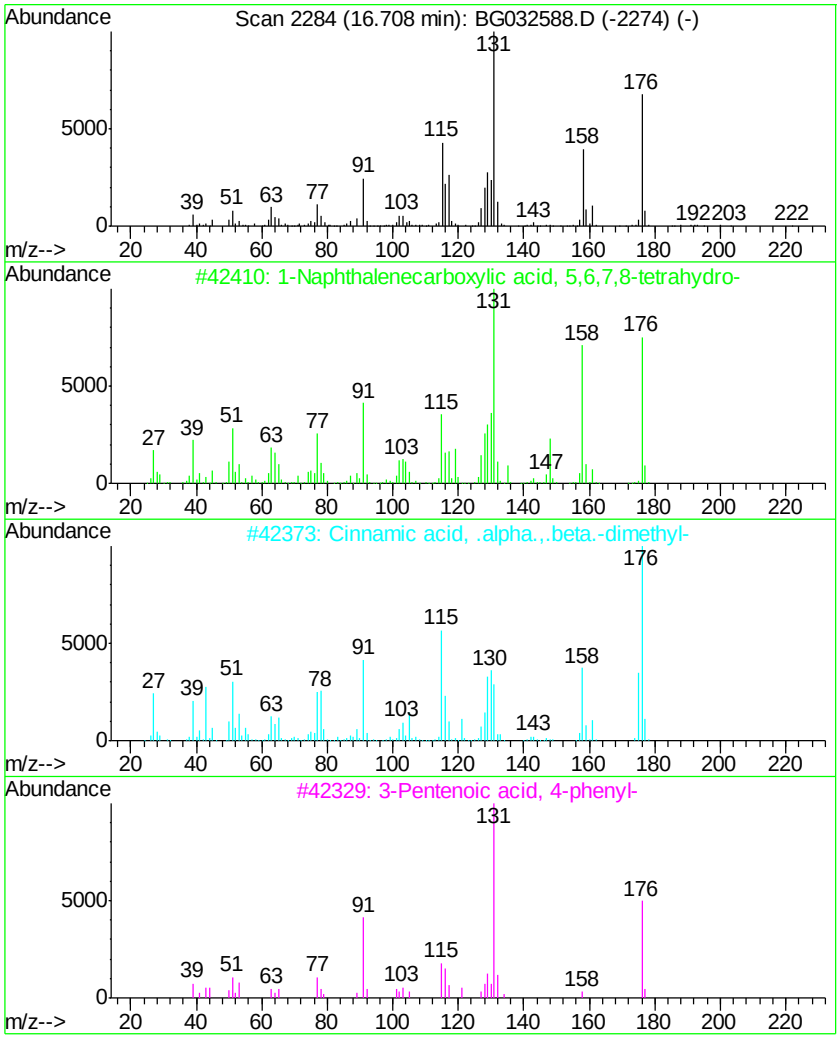
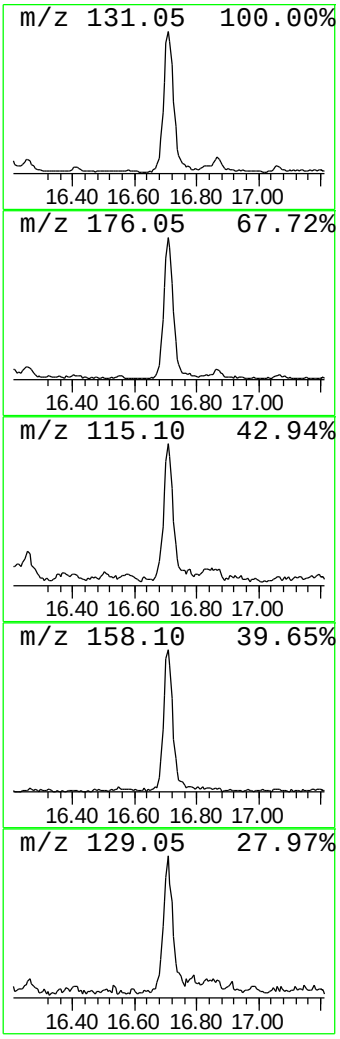
Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	43.95 ng	818854	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	59
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	58
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	35
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020618\
Data File : BG032588.D
Acq On : 7 Feb 2018 7:26
Operator : SJ/JU
Sample : J1455-08
Misc : MDL-W-8 ppm
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-OW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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
Butane, 2-methoxy...	3.46	19.3	ng	116340	1	8.71	120521	20.0
Mesitylene	7.88	12.9	ng	77723	1	8.71	120521	20.0
Xenon	8.22	90.9	ng	547968	1	8.71	120521	20.0
Indane	9.09	34.5	ng	207995	1	8.71	120521	20.0
o-Cymene	9.83	21.4	ng	129228	1	8.71	120521	20.0
Benzene, 1,2,3,4-...	10.37	22.9	ng	138276	2	11.58	120903	20.0
Benzene, 1,2,3,5-...	10.43	37.1	ng	224313	2	11.58	120903	20.0
Indan, 1-methyl-	10.96	75.6	ng	456852	2	11.58	120903	20.0
Naphthalene, 1,2,...	11.20	12.0	ng	72540	2	11.58	120903	20.0
Benzene, (1-methy...	11.68	21.4	ng	129596	2	11.58	120903	20.0
2-Ethyl-2,3-dihyd...	12.22	12.9	ng	78174	2	11.58	120903	20.0
1H-Indene, 2,3-di...	12.47	19.1	ng	115672	2	11.58	120903	20.0
Naphthalene, 1,2,...	13.09	21.8	ng	131973	2	11.58	120903	20.0
Naphthalene, 1-me...	13.42	49.0	ng	296228	2	11.58	120903	20.0
Naphthalene, 1,6-...	14.52	15.0	ng	278898	3	15.34	372623	20.0
1H-Inden-1-one, 2...	16.16	11.1	ng	206488	3	15.34	372623	20.0
1-Naphthalenecarb...	16.71	44.0	ng	818854	3	15.34	372623	20.0