LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

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-BG031918.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	3.472	22	31	44	rBV2	230217	644327	16.66%	1.194%
2	3.572	44	48	58	rVB	87472	151399	3.91%	0.281%
3	3.842	86	94	96	rBV5	50897	105441	2.73%	0.195%
4	4.007	118	122	130	rVB	61660	110051	2.85%	0.204%
5	4.201	149	155	164	rVB2	227024	455682	11.78%	0.844%
6	4.401	181	189	198	rBV6	58377	188563	4.88%	0.349%
7	4.500	198	206	212	rBV2	206512	390231	10.09%	0.723%
8	4.753	242	249	253	rBV	187942	348823	9.02%	0.646%
9	4.794	253	256	262	rVB	105691	179532	4.64%	0.333%
10	4.959	274	284	290	rBV6	45120	124547	3.22%	0.231%
11	5.082	298	305	316	rBV5	91807	272278	7.04%	0.505%
12	5.282	328	339	340	rBV8	40080	91498	2.37%	0.170%
13	5.311	340	344	349	rVV2	94581	169726	4.39%	0.315%
14	5.364	349	353	365	rVB6	38468	103315	2.67%	0.191%
15	5.634	389	399	407	rBV4	56477	180687	4.67%	0.335%
16	5.887	434	442	449	rVB4	133849	426026	11.02%	0.790%
17	5.999	454	461	467	rBV	840627	1447056	37.42%	2.682%
18	6.222	489	499	505	rBV	189147	385953	9.98%	0.715%
19	6.292	505	511	517	rVV2	147479	297644	7.70%	0.552%
20	6.363	517	523	533	rVV	1158876	3045862	78.76%	5.645%
21	6.439	533	536	547	rVB4	86971	182795	4.73%	0.339%
22	6.545	548	554	562	rBV	131691	235038	6.08%	0.436%
23	6.627	562	568	576	rVB3	153642	294253	7.61%	0.545%
24	6.763	576	591	604	rBV	672625	1438108	37.19%	2.665%
25	6.939	617	621	629	rVB3	74275	135096	3.49%	0.250%
26	7.039	631	638	643	rVV	109712	181571	4.70%	0.336%
27	7.303	680	683	697	rVB7	36268	85158	2.20%	0.158%
28	7.468	706	711	716	rVV6	70745	138403	3.58%	0.256%
29	7.538	716	723	732	rVB5	143072	377673	9.77%	0.700%
30	7.697	737	750	759	rVB	268397	673879	17.43%	1.249%
31	7.867	764	779	780	rBV2	209478	341267	8.82%	0.632%
32	7.902	780	785	791	rVB	514558	907821	23.47%	1.682%
33	7.967	791	796	802	rVB2	346080	596373	15.42%	1.105%
34	8.037	802	808	814	rBV	704623	1179212	30.49%	2.185%

LSC Area Percent Report

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Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

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-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.220	831	839	847	rBV	592285	1110545	28.72%	2.058%
36	8.378	860	866	876	rBV	317985	712743	18.43%	1.321%
37	8.490	876	885	895	rVB	1210144	2247753	58.12%	4.166%
38	8.889	940	953	960	rBV5	176690	506236	13.09%	0.938%
39	8.978	961	968	975	rBV	642287	1167383	30.19%	2.163%
40	9.130	987	994	1000	rBV2	146530	323131	8.36%	0.599%
41	9.201	1000	1006	1010	rVV	504075	991757	25.64%	1.838%
42	9.254	1010	1015	1026	rVV	857470	1633645	42.24%	3.028%
43	9.354	1026	1032	1037	rVV	155514	272207	7.04%	0.504%
44	9.412	1037	1042	1050	rVV2	109180	207696	5.37%	0.385%
45	9.500	1050	1057	1064	rVV2	446149	949980	24.56%	1.761%
46	9.565	1065	1068	1070	rVV2	99949	163247	4.22%	0.303%
47	9.594	1070	1073	1082	rVV5	124341	278757	7.21%	0.517%
48	9.677	1082	1087	1093	rVB	141255	241438	6.24%	0.447%
49	9.794	1101	1107	1109	rBV5	78285	147955	3.83%	0.274%
50	9.830	1109	1113	1118	rVB	153704	253963	6.57%	0.471%
51	9.882	1118	1122	1130	rVB	128983	236064	6.10%	0.437%
52	9.988	1134	1140	1148	rBV2	530513	1018821	26.34%	1.888%
53	10.076	1148	1155	1162	rBV2	747871	1684165	43.55%	3.121%
54	10.335	1193	1199	1207	rVB3	105248	228117	5.90%	0.423%
55	10.423	1208	1214	1220	rVB6	40881	84377	2.18%	0.156%
56	10.523	1222	1231	1237	rBV	268455	520574	13.46%	0.965%
57	10.587	1237	1242	1248	rVV	244562	444787	11.50%	0.824%
58	10.664	1251	1255	1260	rVB5	58560	106837	2.76%	0.198%
59	10.899	1286	1295	1301	rBV4	142249	308828	7.99%	0.572%
60	10.969	1301	1307	1316	rVB	229007	505450	13.07%	0.937%
61	11.069	1318	1324	1327	rBV4	63135	145128	3.75%	0.269%
62	11.122	1327	1333	1341	rVV	607645	1156981	29.92%	2.144%
63	11.363	1368	1374	1379	rBV3	54952	97843	2.53%	0.181%
64	11.416	1379	1383	1392	rVB5	80219	181693	4.70%	0.337%
65	11.639	1406	1421	1425	rBV8	100003	343845	8.89%	0.637%
66	11.751	1435	1440	1444	rBV2	188589	323844	8.37%	0.600%
67	11.845	1451	1456	1459	rBV	65004	101933	2.64%	0.189%
68	12.021	1477	1486	1491	rBV10	33683	122419	3.17%	0.227%
69	12.150	1503	1508	1518	rVB10	83833	259182	6.70%	0.480%
70	12.268	1519	1528	1532	rBV8	79671	235396	6.09%	0.436%
71	12.332	1532	1539	1545	rBV3	387383	877045	22.68%	1.625%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

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-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.562	1574	1578	1584	rVB2	50811	86488	2.24%	0.160%
73	12.914	1631	1638	1645	rBV	321030	669409	17.31%	1.241%
74	12.985	1647	1650	1659	rVB6	70681	151598	3.92%	0.281%
75	13.085	1660	1667	1683	rBV	1024904	2145564	55.48%	3.976%
76	13.296	1698	1703	1708	rBV5	47055	88186	2.28%	0.163%
77	13.408	1717	1722	1730	rVB7	88939	201686	5.22%	0.374%
78	13.555	1739	1747	1751	rBV2	392638	807399	20.88%	1.496%
79	13.637	1757	1761	1766	rVB	105949	183969	4.76%	0.341%
80	13.713	1769	1774	1781	rVB2	114135	240697	6.22%	0.446%
81	13.837	1791	1795	1800	rVB5	54125	90442	2.34%	0.168%
82	13.966	1812	1817	1821	rBV5	48464	96852	2.50%	0.179%
83	14.113	1835	1842	1851	rBV	1399448	2325528	60.13%	4.310%
84	14.312	1871	1876	1880	rVB3	55837	83744	2.17%	0.155%
85	14.618	1921	1928	1930	rBV5	106150	190081	4.92%	0.352%
86	14.659	1930	1935	1947	rVB	319337	677697	17.52%	1.256%
87	14.900	1971	1976	1980	rBV	70379	122171	3.16%	0.226%
88	15.082	2002	2007	2016	rBV6	39593	82549	2.13%	0.153%
89	15.258	2030	2037	2043	rBV8	43800	114813	2.97%	0.213%
90	15.482	2069	2075	2086	rBV3	324819	594819	15.38%	1.102%
91	15.634	2096	2101	2109	rVB9	42452	112067	2.90%	0.208%
92	16.251	2202	2206	2210	rVB2	53307	82724	2.14%	0.153%
93	16.956	2319	2326	2338	rBV	829137	1451641	37.54%	2.690%
94	18.214	2531	2540	2553	rBV	454524	807328	20.88%	1.496%
95	19.013	2670	2676	2686	rBV	287954	445762	11.53%	0.826%
96	20.241	2882	2885	2897	rVB	106885	161088	4.17%	0.299%
97	20.734	2963	2969	2983	rBV	2796358	3867280	100.00%	7.167%
98	22.080	3193	3198	3206	rBV2	114107	233790	6.05%	0.433%
99	22.562	3272	3280	3288	rBV	435666	876125	22.65%	1.624%
100	26.328	3906	3921	3933	rBV	253228	891025	23.04%	1.651%

Sum of corrected areas: 53959575

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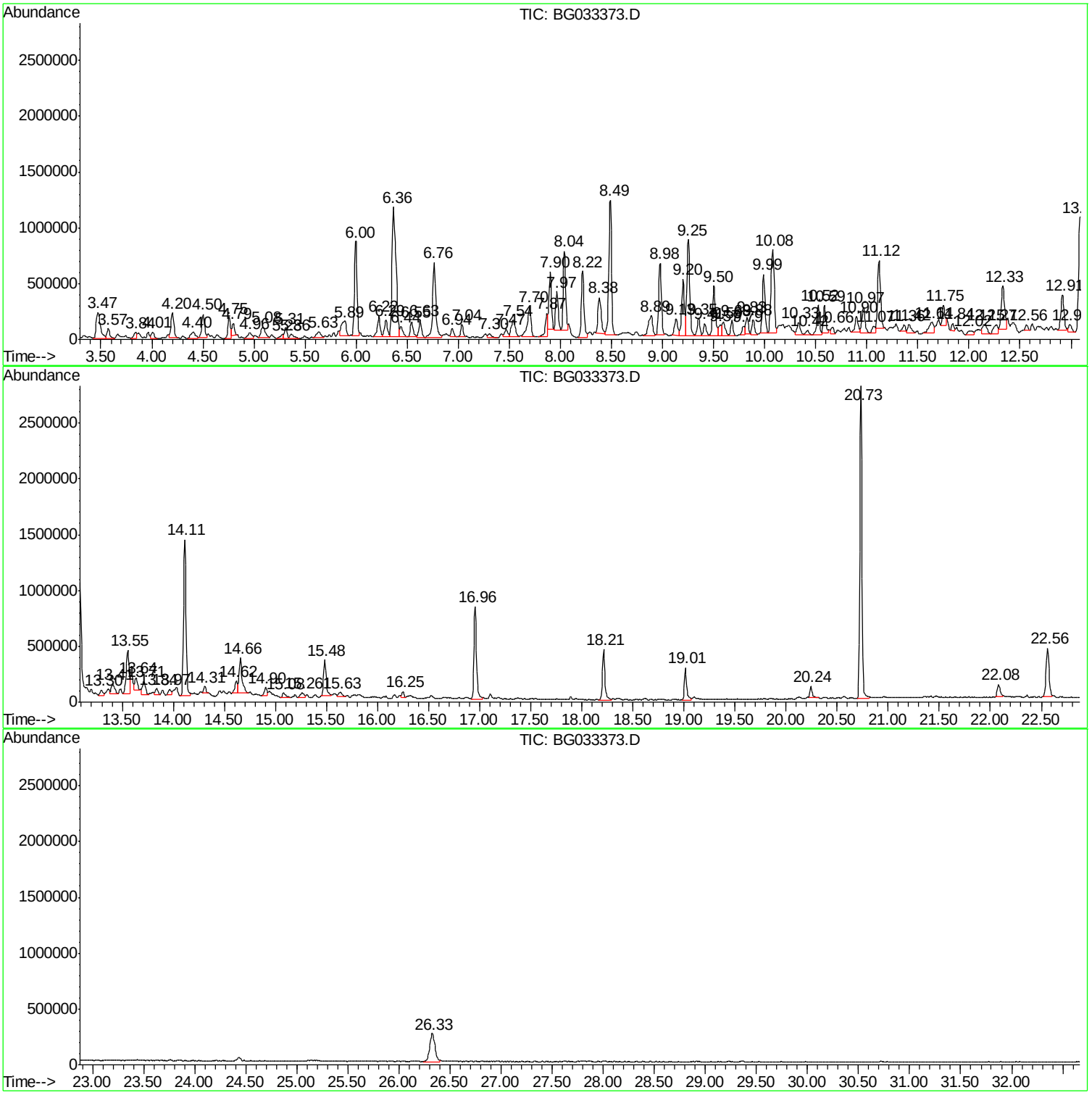
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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:\HPCHEM1\BNA G\DATA\BG032718\
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Instrument :
BNA_G
ClientSampleId :
MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

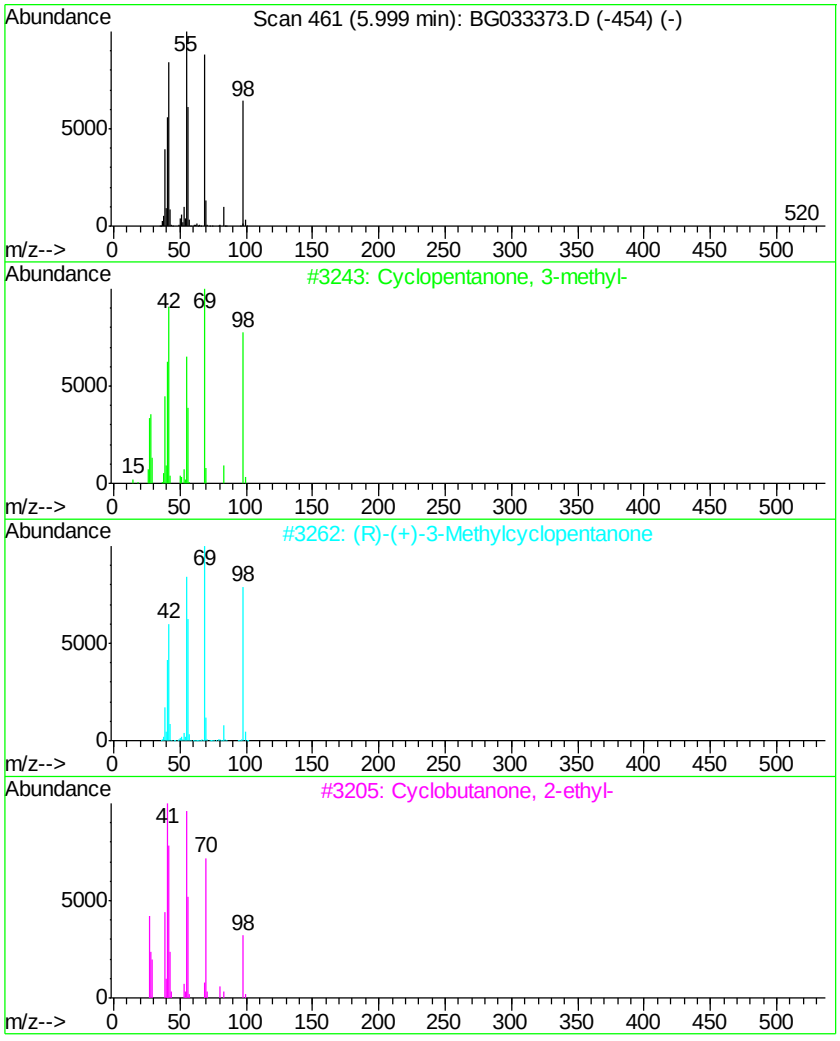
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

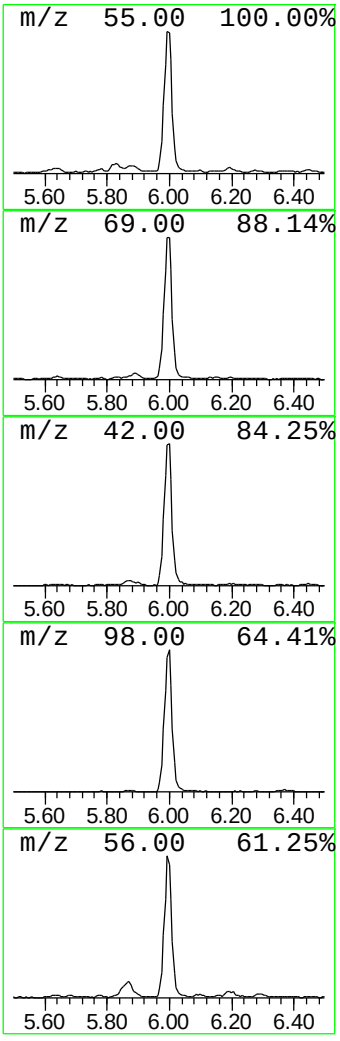
****

Peak Number 1 Cyclopentanone, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	57.17 ng	1447060	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	90
2	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	83
3	Cyclobutanone, 2-ethyl-	98	C6H10O	010374-14-8	59
4	1H-Tetrazole, 1,5-dimethyl-	98	C3H6N4	005144-11-6	50
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
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Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

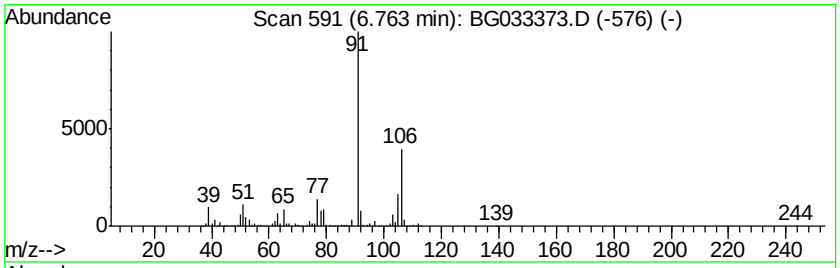
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

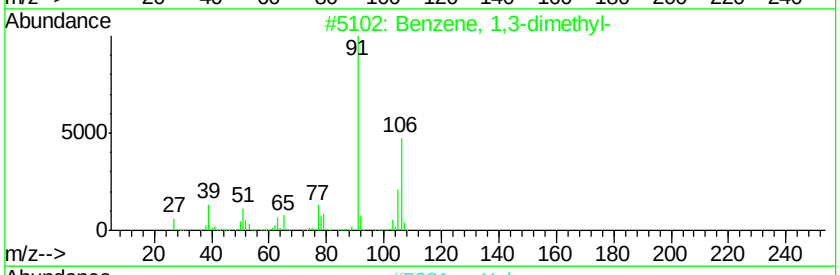
****

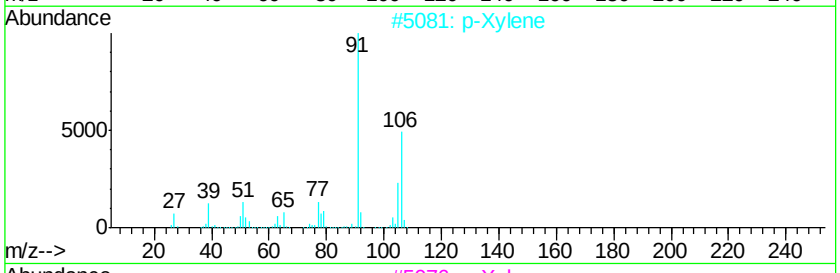
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 7

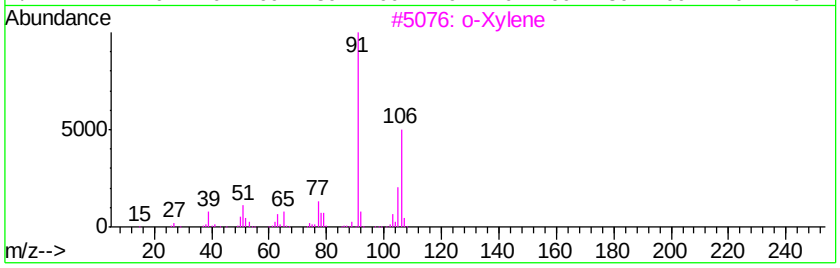
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	56.82 ng	1438110	1,4-Dichlorobenzene-d4	8.87

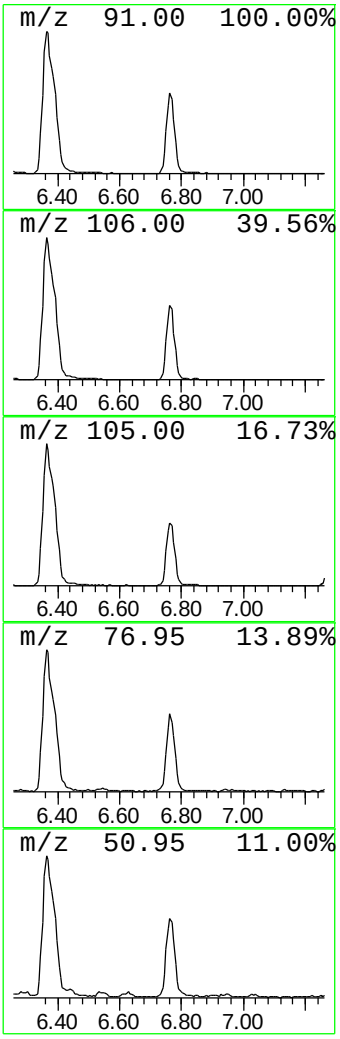
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87











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Acq On : 27 Mar 2018 22:05
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Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

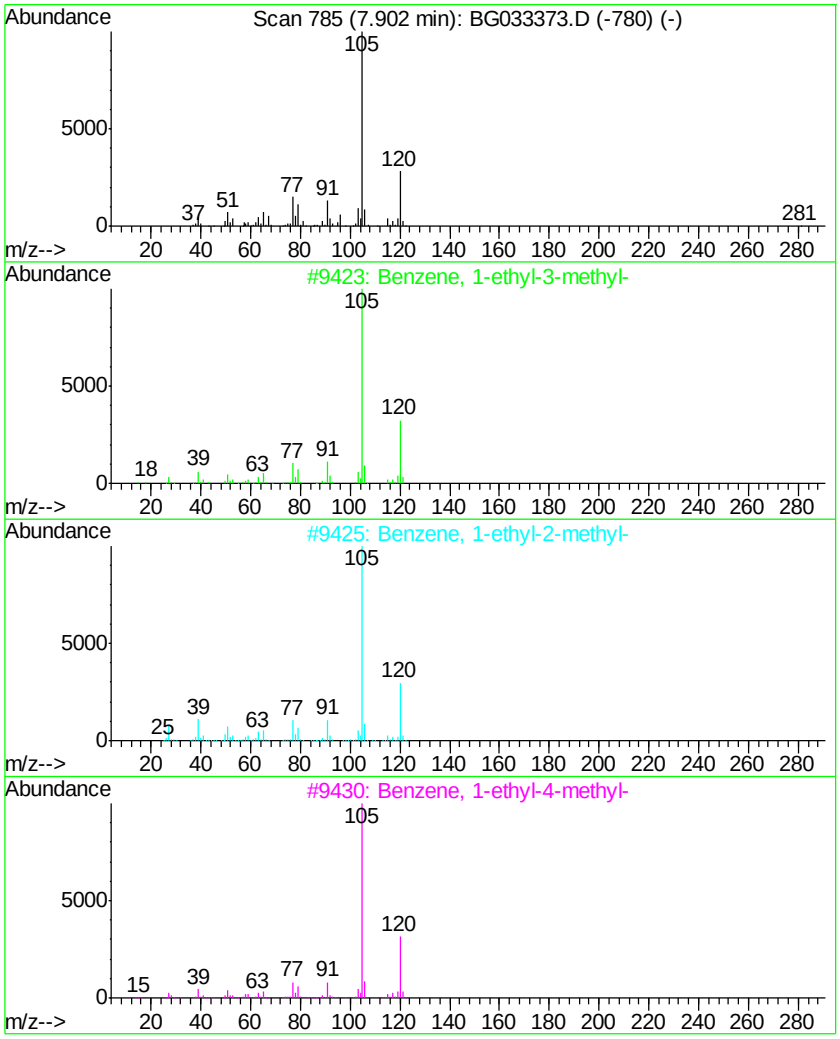
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

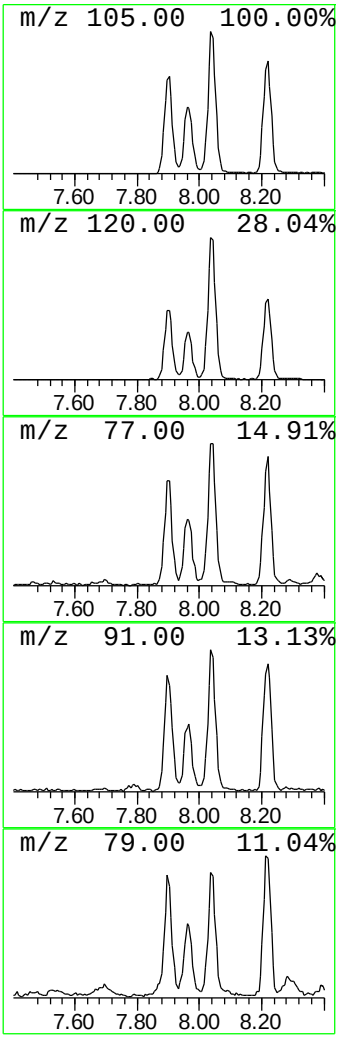
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	35.87 ng	907821	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

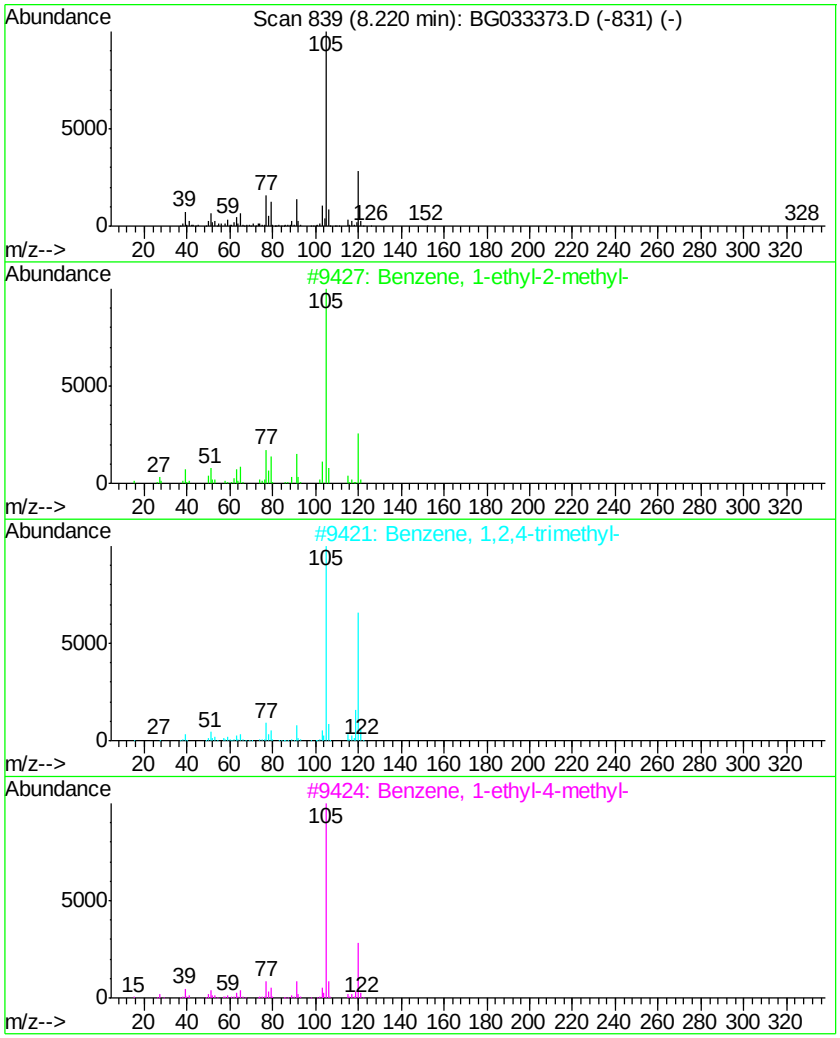
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

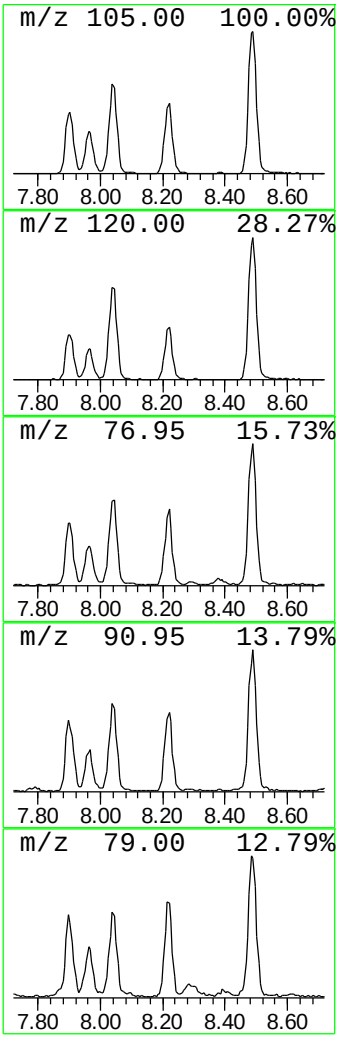
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	43.87 ng	1110550	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

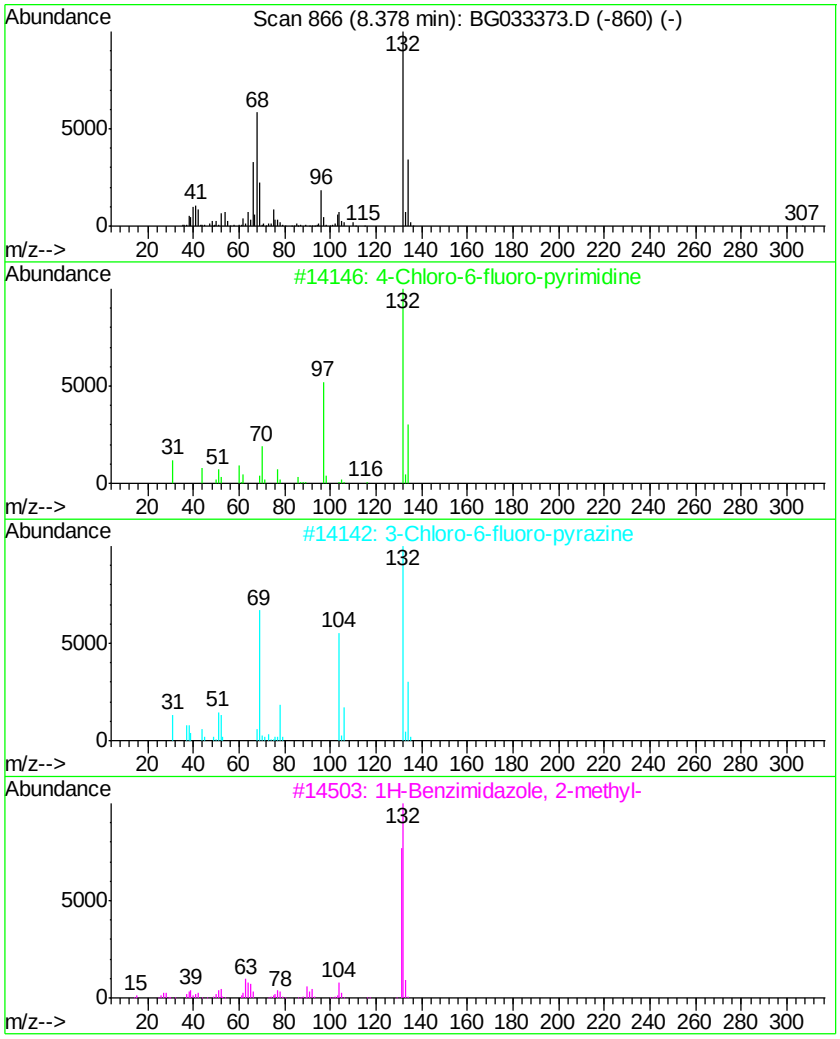
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

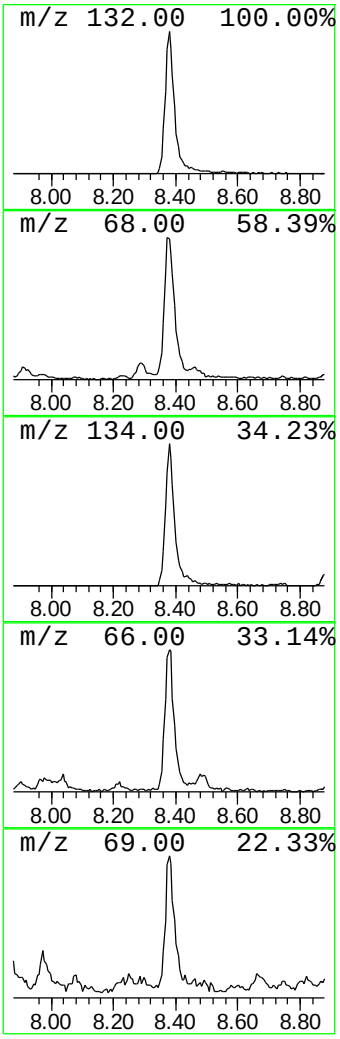
****

Peak Number 6 unknown8.38 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	28.16 ng	712743	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

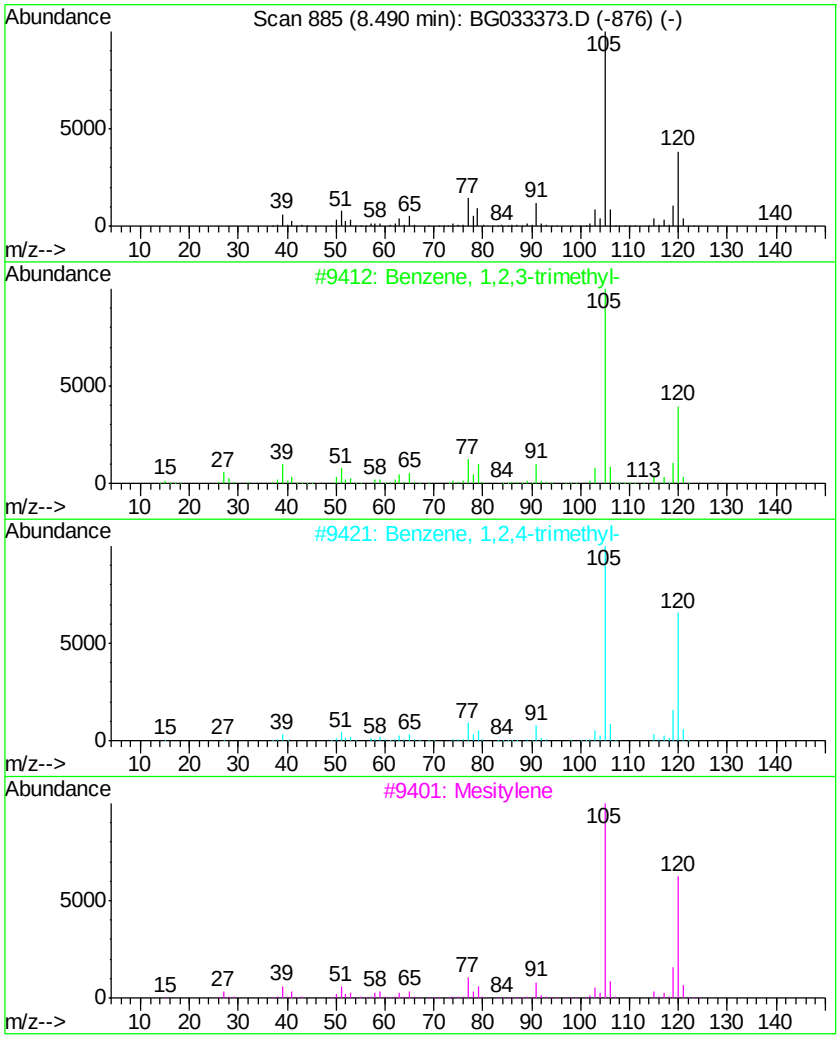
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

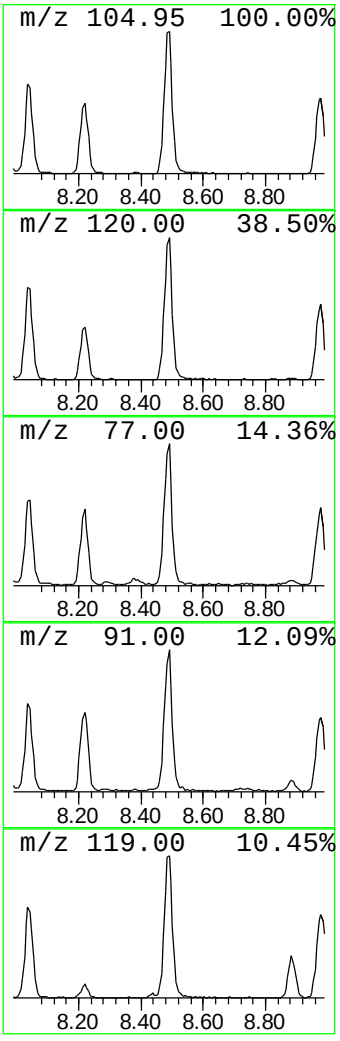
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	88.80 ng	2247750	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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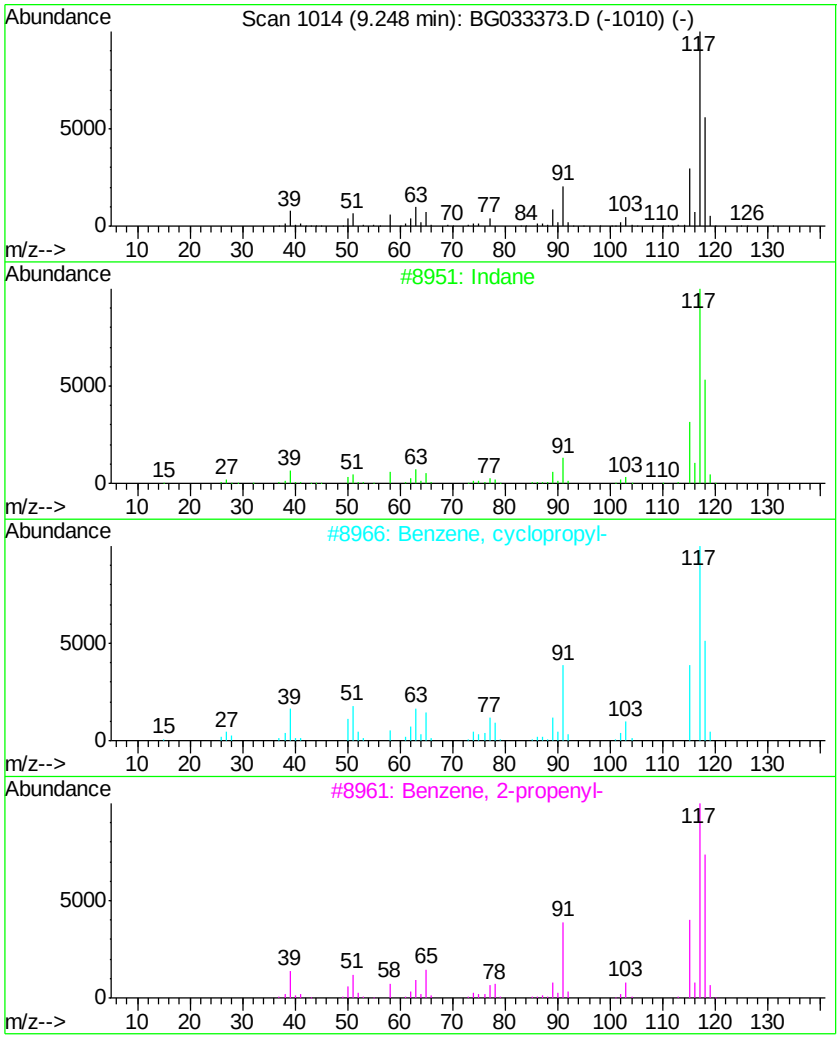
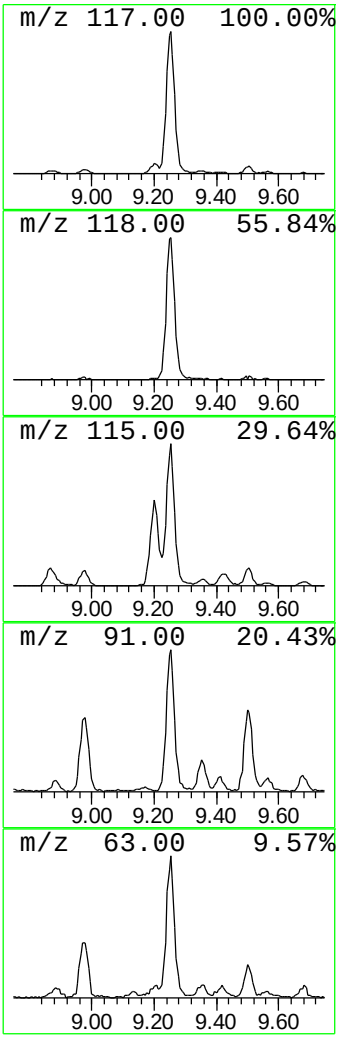
Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	64.54 ng	1633650	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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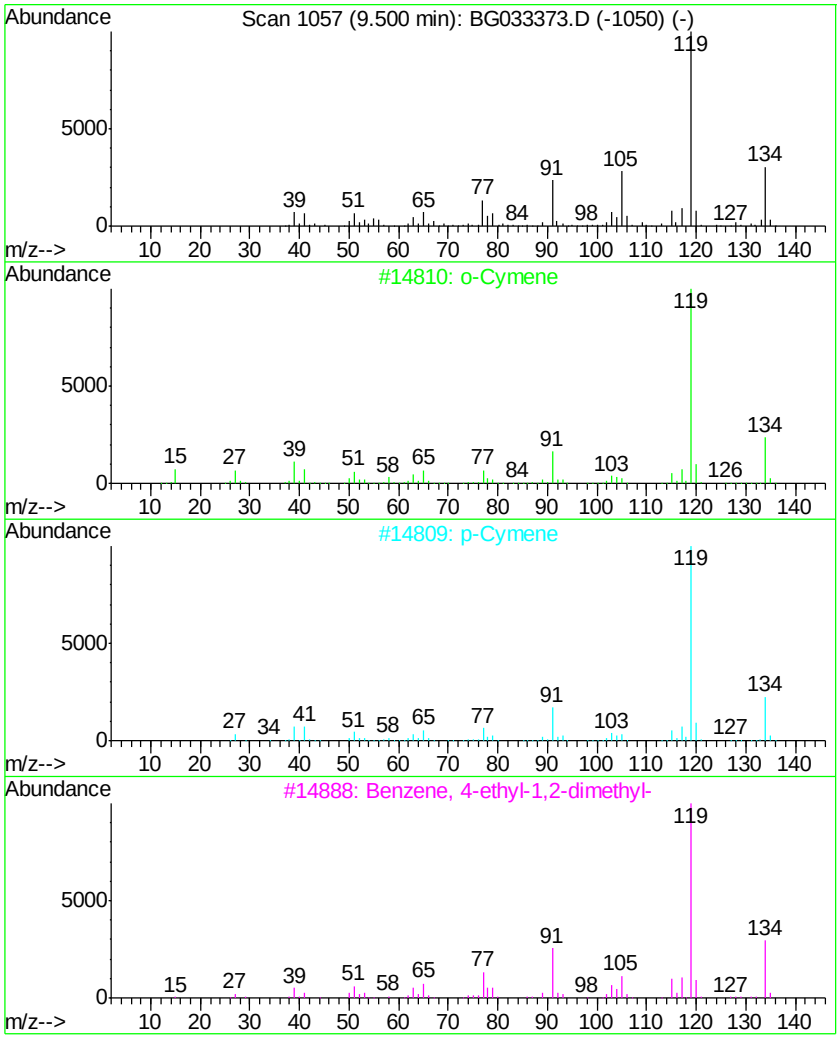
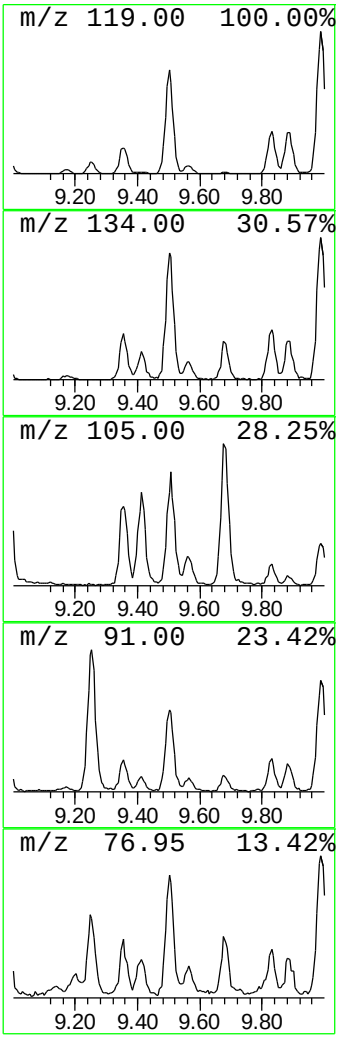
Peak Number 11 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	37.53 ng	949980	1,4-Dichlorobenzene-d4	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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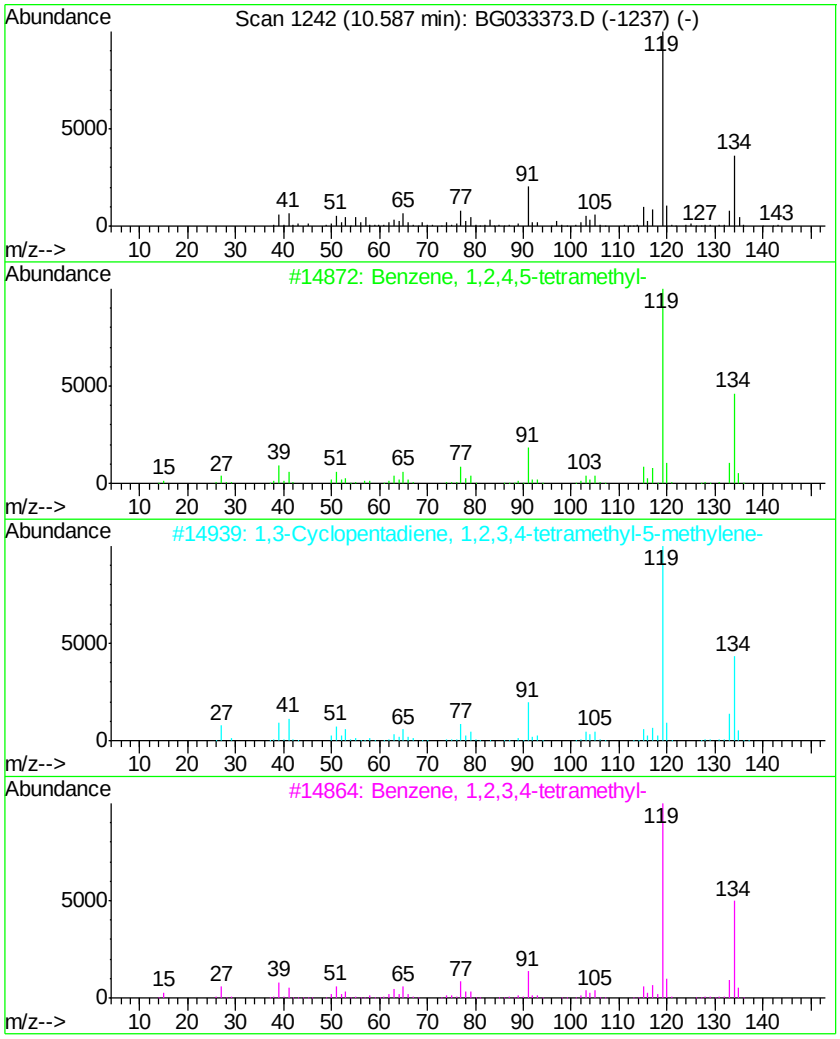
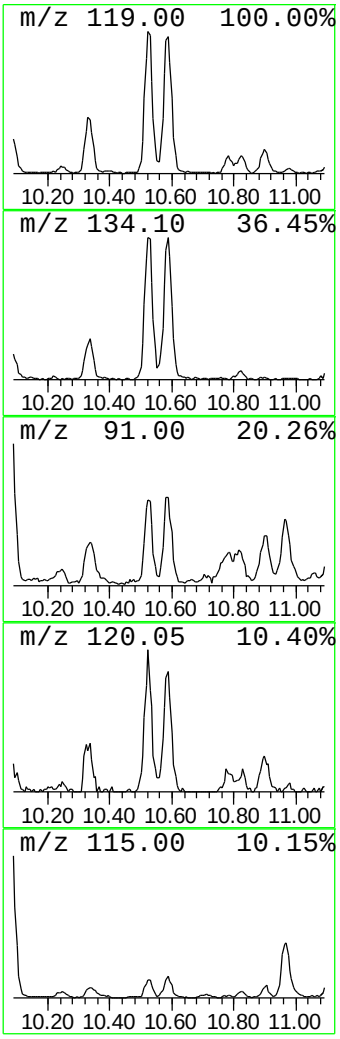
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	27.47 ng	444787	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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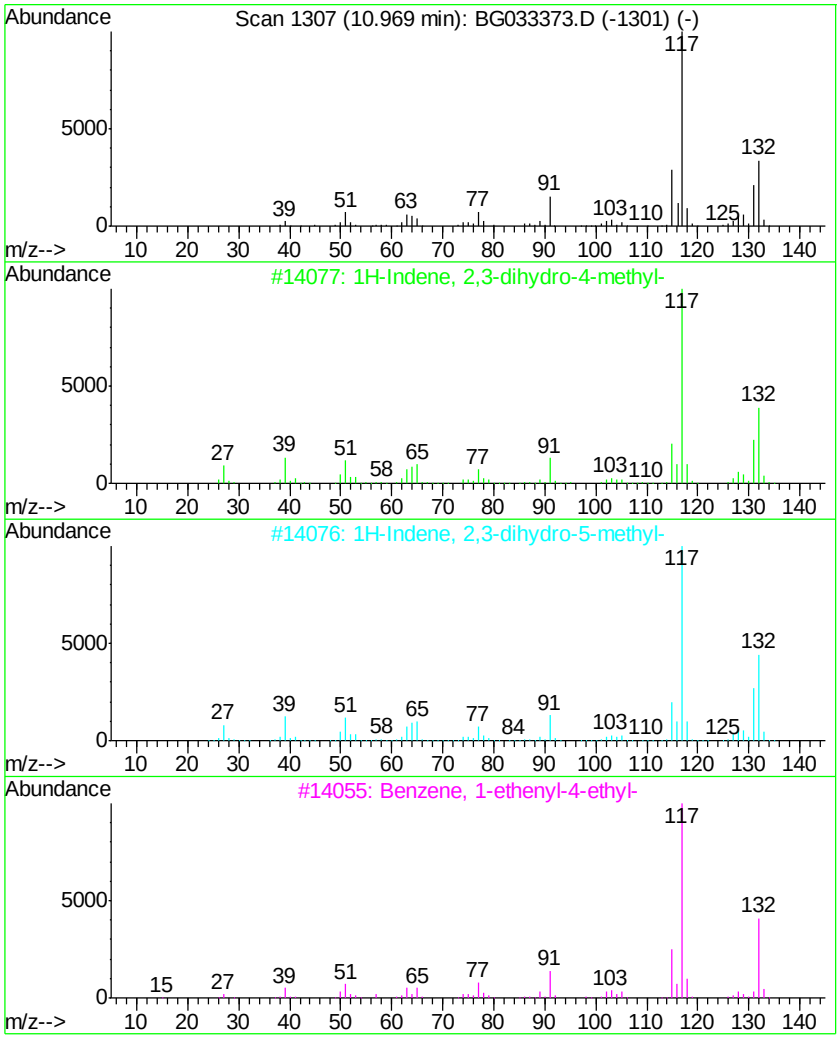
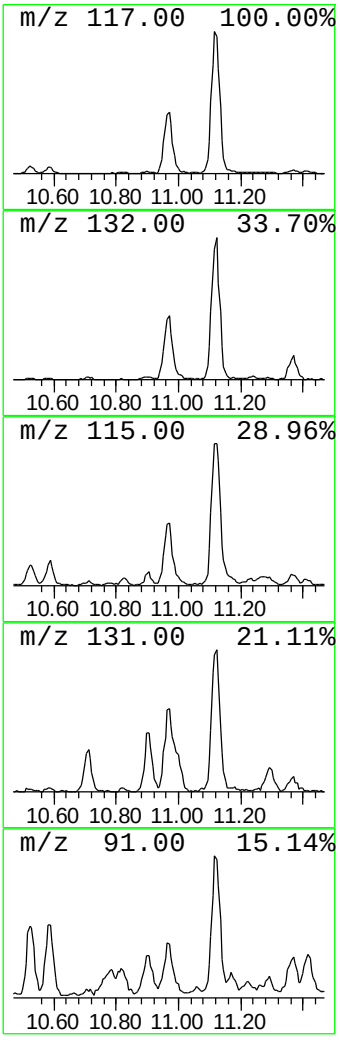
Peak Number 15 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	31.22 ng	505450	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Library Search Compound Report

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Data File : BG033373.D
Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

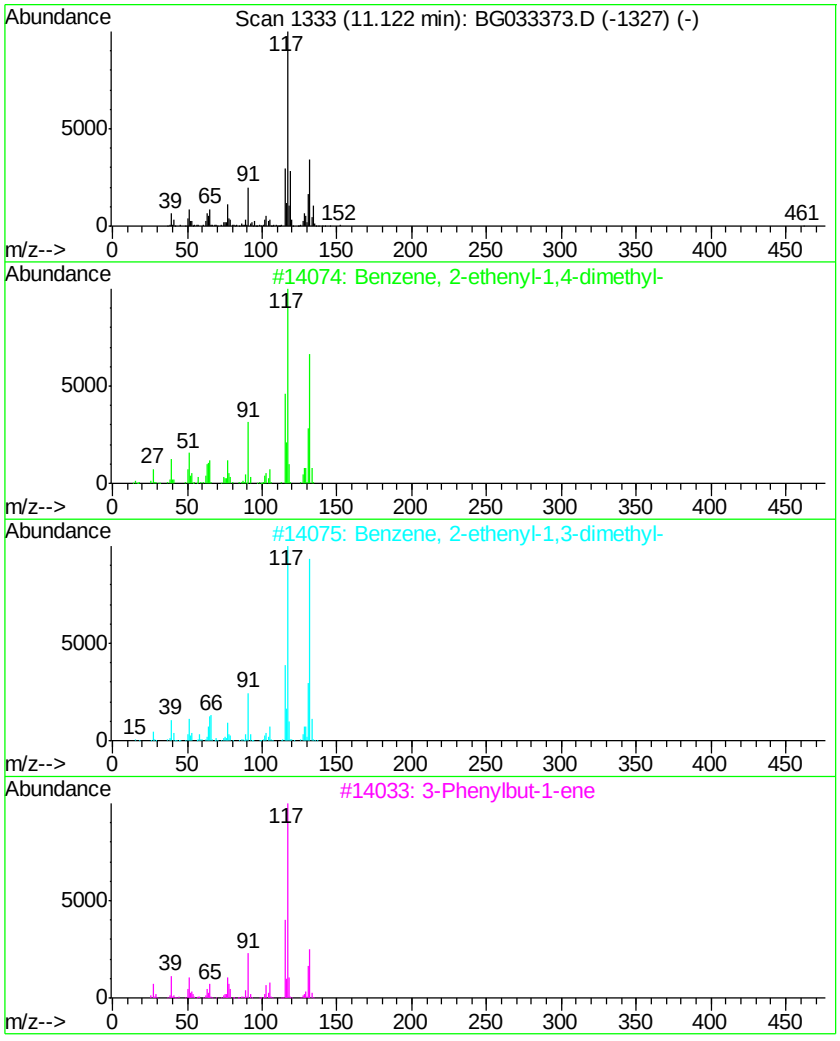
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

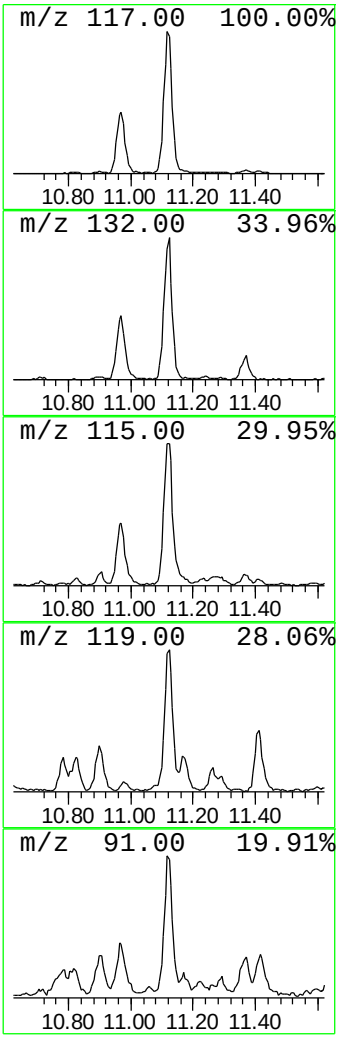
****

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	71.45 ng	1156980	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





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Acq On : 27 Mar 2018 22:05
Operator : SJ/JU
Sample : J2054-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

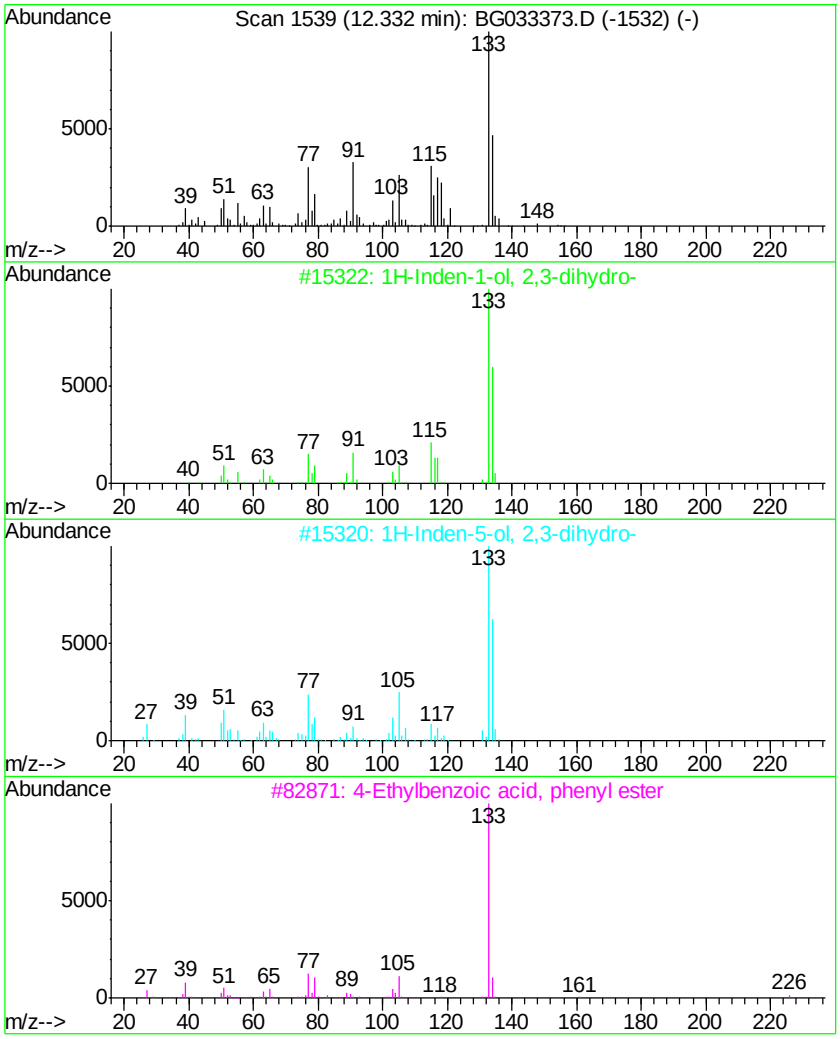
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

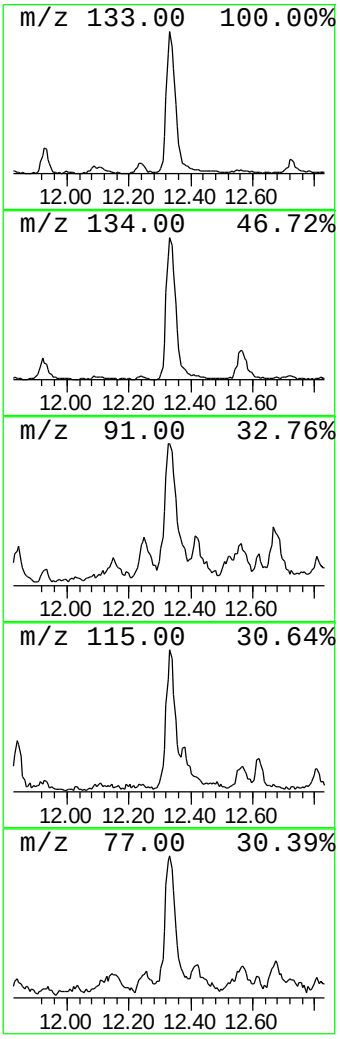
****

Peak Number 17 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	54.16 ng	877045	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	81
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	58
3	4-Ethylbenzoic acid, phenyl ester	226	C15H14O2	118388-89-9	43
4	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	43
5	Benzoic acid, 4-ethyl-, 4-cyanop...	251	C16H13NO2	056131-48-7	43





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Sample : J2054-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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TIC Library : C:\Database\NIST11.L
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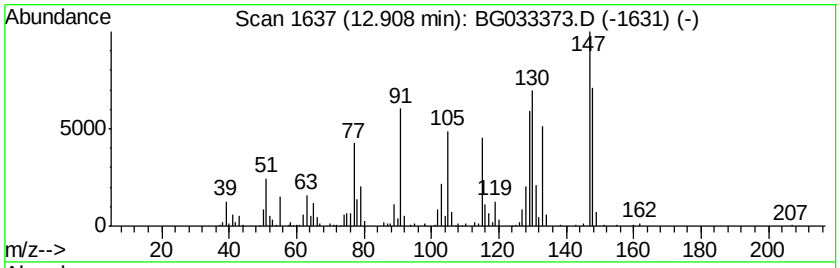
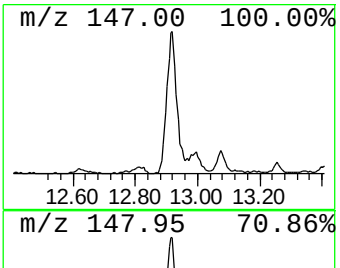
Peak Number 18 unknown12.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	41.34 ng	669409	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	46
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	38
3	1-(3,3-Dimethylbutyn-1-yl)-2,2-d...	148	C11H16	1000222-04-6	35
4	2-Methylindene	130	C10H10	002177-47-1	30
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	30





Library Search Compound Report

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Instrument :
BNA_G
ClientSampleId :
MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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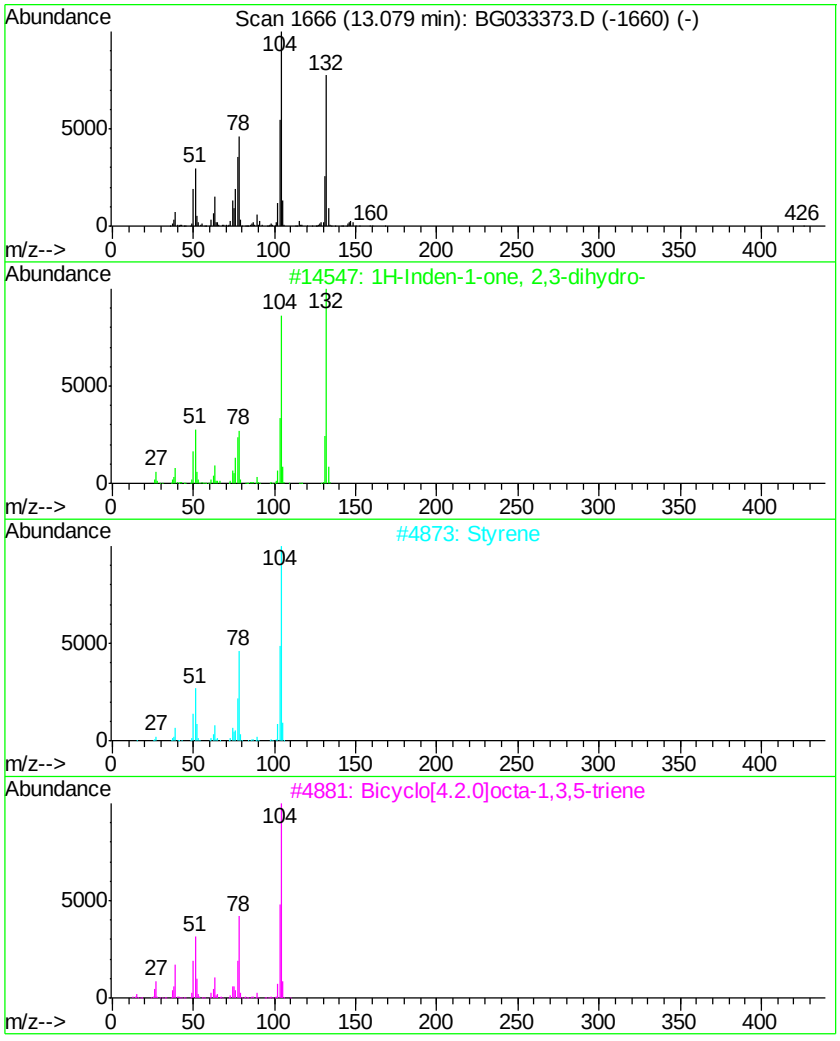
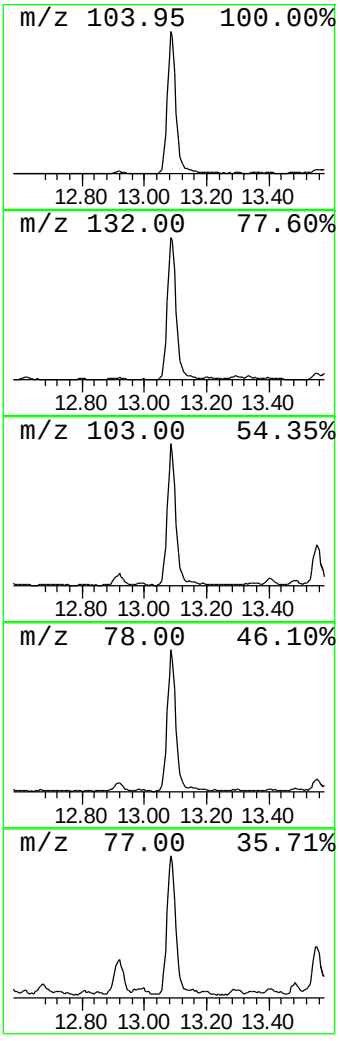
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	132.51 ng	2145560	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	Styrene	104	C8H8	000100-42-5	95
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	70
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	60





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02-20180323-DEP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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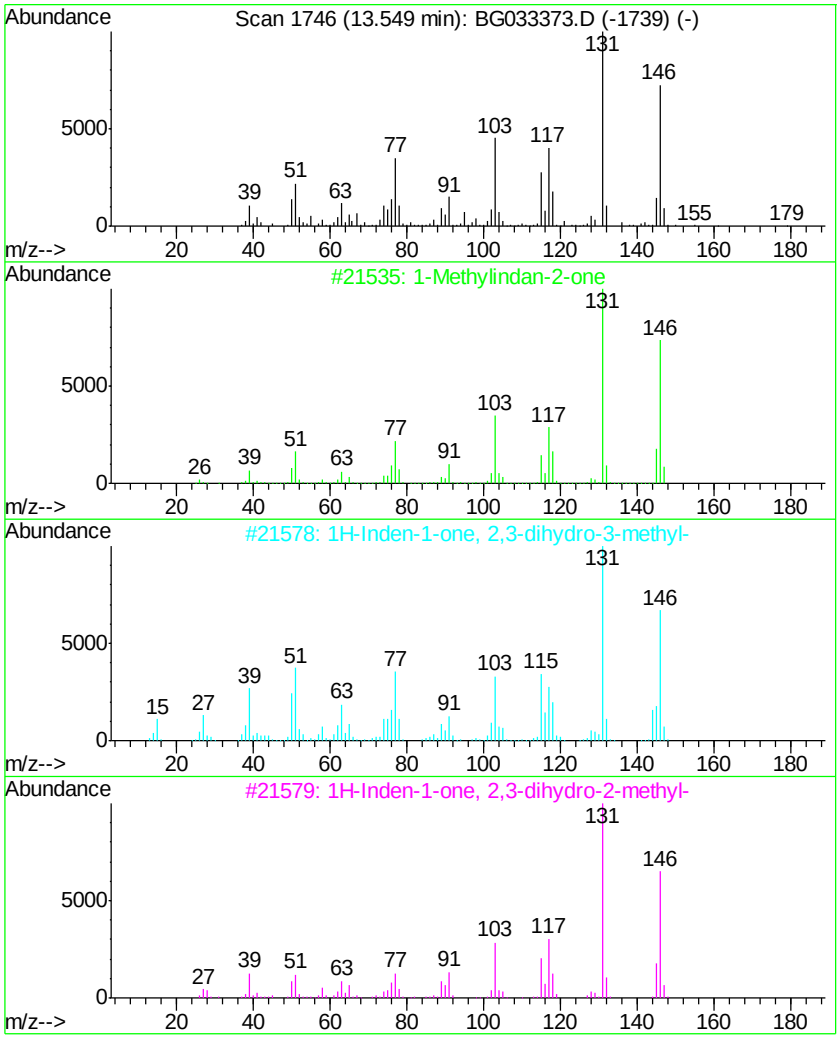
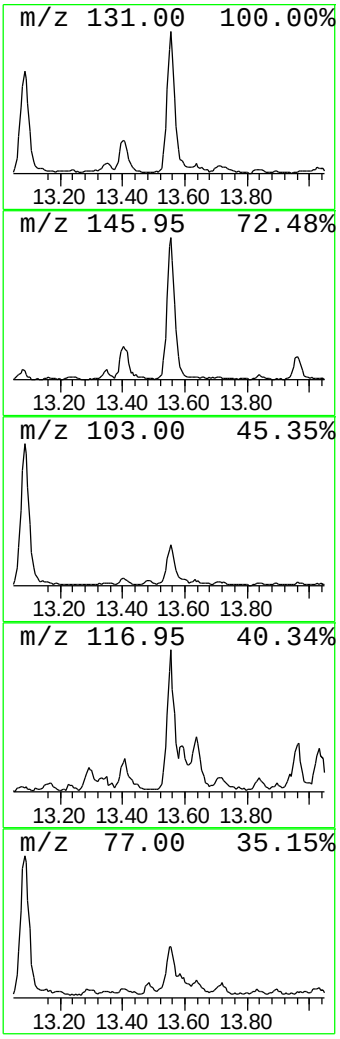
Peak Number 20 1-Methylindan-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	49.86 ng	807399	Naphthalene-d8	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	96
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
4	1-Nonen-3-one, 1-phenyl-	216	C15H20O	030669-47-7	64
5	1-Decen-3-one, 5-hydroxy-4-penty...	316	C21H32O2	1000115-33-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032718\
Data File : BG033373.D
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Operator : SJ/JU
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Misc :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanone, 3...	6.00	57.2	ng	1447060	1	8.87	506236	20.0
Benzene, 1,3-dime...	6.76	56.8	ng	1438110	1	8.87	506236	20.0
Benzene, 1-ethyl-...	7.90	35.9	ng	907821	1	8.87	506236	20.0
Benzene, 1-ethyl-...	8.22	43.9	ng	1110550	1	8.87	506236	20.0
unknown8.38	8.38	28.2	ng	712743	1	8.87	506236	20.0
Benzene, 1,2,3-tr...	8.49	88.8	ng	2247750	1	8.87	506236	20.0
Indane	9.25	64.5	ng	1633650	1	8.87	506236	20.0
o-Cymene	9.50	37.5	ng	949980	1	8.87	506236	20.0
Benzene, 1,2,4,5-...	10.59	27.5	ng	444787	2	11.75	323844	20.0
1H-Indene, 2,3-di...	10.97	31.2	ng	505450	2	11.75	323844	20.0
Benzene, 2-etheny...	11.12	71.5	ng	1156980	2	11.75	323844	20.0
1H-Inden-1-ol, 2,...	12.33	54.2	ng	877045	2	11.75	323844	20.0
unknown12.91	12.91	41.3	ng	669409	2	11.75	323844	20.0
1H-Inden-1-one, 2...	13.08	132.5	ng	2145560	2	11.75	323844	20.0
1-Methylindan-2-one	13.55	49.9	ng	807399	2	11.75	323844	20.0