LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

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-BG070816.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	3.802	152	164	176	rBV2	750184	1484330	7.26%	0.947%
2	4.472	271	278	282	rBV2	174431	308397	1.51%	0.197%
3	4.607	297	301	312	rVB3	149402	315372	1.54%	0.201%
4	4.766	321	328	336	rVB	165206	317618	1.55%	0.203%
5	5.259	409	412	417	rVV	258943	381213	1.86%	0.243%
6	5.318	417	422	428	rVB	191813	307282	1.50%	0.196%
7	5.635	468	476	483	rBV	11272375	20456375	100.00%	13.057%
8	5.700	483	487	495	rVV	1131128	1785732	8.73%	1.140%
9	5.794	495	503	517	rVB	9731576	17221991	84.19%	10.993%
10	6.399	598	606	611	rBV2	115789	213052	1.04%	0.136%
11	6.622	637	644	658	rVB	2304968	3894202	19.04%	2.486%
12	7.116	721	728	738	rBV	1969963	3282468	16.05%	2.095%
13	7.286	750	757	768	rBV2	2488502	5060814	24.74%	3.230%
14	7.533	792	799	812	rVB	2250679	3787930	18.52%	2.418%
15	7.680	817	824	832	rBV	2069091	3755513	18.36%	2.397%
16	7.797	836	844	850	rVB	6220266	10635362	51.99%	6.789%
17	8.044	883	886	892	rVB	216907	326659	1.60%	0.209%
18	8.150	898	904	910	rBV	377185	653285	3.19%	0.417%
19	8.267	916	924	933	rVB	3971762	7126361	34.84%	4.549%
20	8.479	948	960	965	rBV	1777152	3333621	16.30%	2.128%
21	8.532	965	969	976	rVV	1193711	1947552	9.52%	1.243%
22	8.637	980	987	994	rBV	345635	595767	2.91%	0.380%
23	8.790	1006	1013	1018	rBV2	443153	797959	3.90%	0.509%
24	8.843	1018	1022	1033	rVB4	292281	608671	2.98%	0.389%
25	8.955	1033	1041	1051	rBV	548897	1064680	5.20%	0.680%
26	9.107	1061	1067	1071	rVV	390630	662405	3.24%	0.423%
27	9.160	1071	1076	1084	rVV2	325063	737061	3.60%	0.470%
28	9.260	1088	1093	1098	rVV3	808969	1467150	7.17%	0.936%
29	9.331	1098	1105	1118	rVB2	1872441	4432916	21.67%	2.830%
30	9.601	1144	1151	1159	rVB2	315921	626491	3.06%	0.400%
31	9.789	1178	1183	1188	rVB	374028	608318	2.97%	0.388%
32	9.848	1188	1193	1202	rVV	569119	941891	4.60%	0.601%
33	9.930	1202	1207	1219	rVB3	141536	284679	1.39%	0.182%
34	10.036	1219	1225	1235	rBV5	171414	382329	1.87%	0.244%

LSC Area Percent Report

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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.165	1240	1247	1251	rVV5	170150	370254	1.81%	0.236%
36	10.218	1251	1256	1265	rVB2	221524	471215	2.30%	0.301%
37	10.371	1274	1282	1289	rBV2	1339846	2584642	12.63%	1.650%
38	10.547	1304	1312	1316	rBV4	95990	226264	1.11%	0.144%
39	10.612	1317	1323	1328	rVV	373536	659572	3.22%	0.421%
40	10.982	1374	1386	1389	rBV2	615205	1410026	6.89%	0.900%
41	11.035	1389	1395	1401	rVV	3105144	5820100	28.45%	3.715%
42	11.088	1401	1404	1411	rVB4	182913	314130	1.54%	0.201%
43	11.887	1534	1540	1545	rBV4	125245	243643	1.19%	0.156%
44	12.080	1569	1573	1582	rVB5	157094	330929	1.62%	0.211%
45	12.633	1660	1667	1673	rVB	1303114	2282571	11.16%	1.457%
46	12.844	1693	1703	1712	rBV	1139902	2285757	11.17%	1.459%
47	12.938	1714	1719	1725	rVB6	141870	299392	1.46%	0.191%
48	13.256	1767	1773	1781	rBV4	210350	424551	2.08%	0.271%
49	13.420	1793	1801	1807	rBV	4579377	7323778	35.80%	4.675%
50	13.626	1829	1836	1841	rBV3	124750	282046	1.38%	0.180%
51	13.955	1885	1892	1893	rBV4	225226	357485	1.75%	0.228%
52	14.113	1913	1919	1924	rBV2	252697	517140	2.53%	0.330%
53	14.166	1924	1928	1936	rVB2	212729	373287	1.82%	0.238%
54	14.237	1936	1940	1945	rVB	427132	530215	2.59%	0.338%
55	14.395	1963	1967	1978	rVB	125454	388226	1.90%	0.248%
56	14.795	2030	2035	2045	rVB3	1105720	1962422	9.59%	1.253%
57	14.924	2053	2057	2061	rVV2	204343	308334	1.51%	0.197%
58	15.406	2135	2139	2149	rBV2	119024	269289	1.32%	0.172%
59	16.287	2282	2289	2301	rBV	4620160	7379322	36.07%	4.710%
60	17.551	2499	2504	2514	rBV2	1363684	2207325	10.79%	1.409%
61	18.420	2648	2652	2661	rBV2	351196	539660	2.64%	0.344%
62	19.689	2864	2868	2873	rBV4	222941	312415	1.53%	0.199%
63	20.159	2941	2948	2954	rBV	8093668	11300583	55.24%	7.213%
64	21.845	3229	3235	3242	rVB2	1531509	2564410	12.54%	1.637%
65	25.206	3797	3807	3819	rVB	850996	2520261	12.32%	1.609%

Sum of corrected areas: 156664690

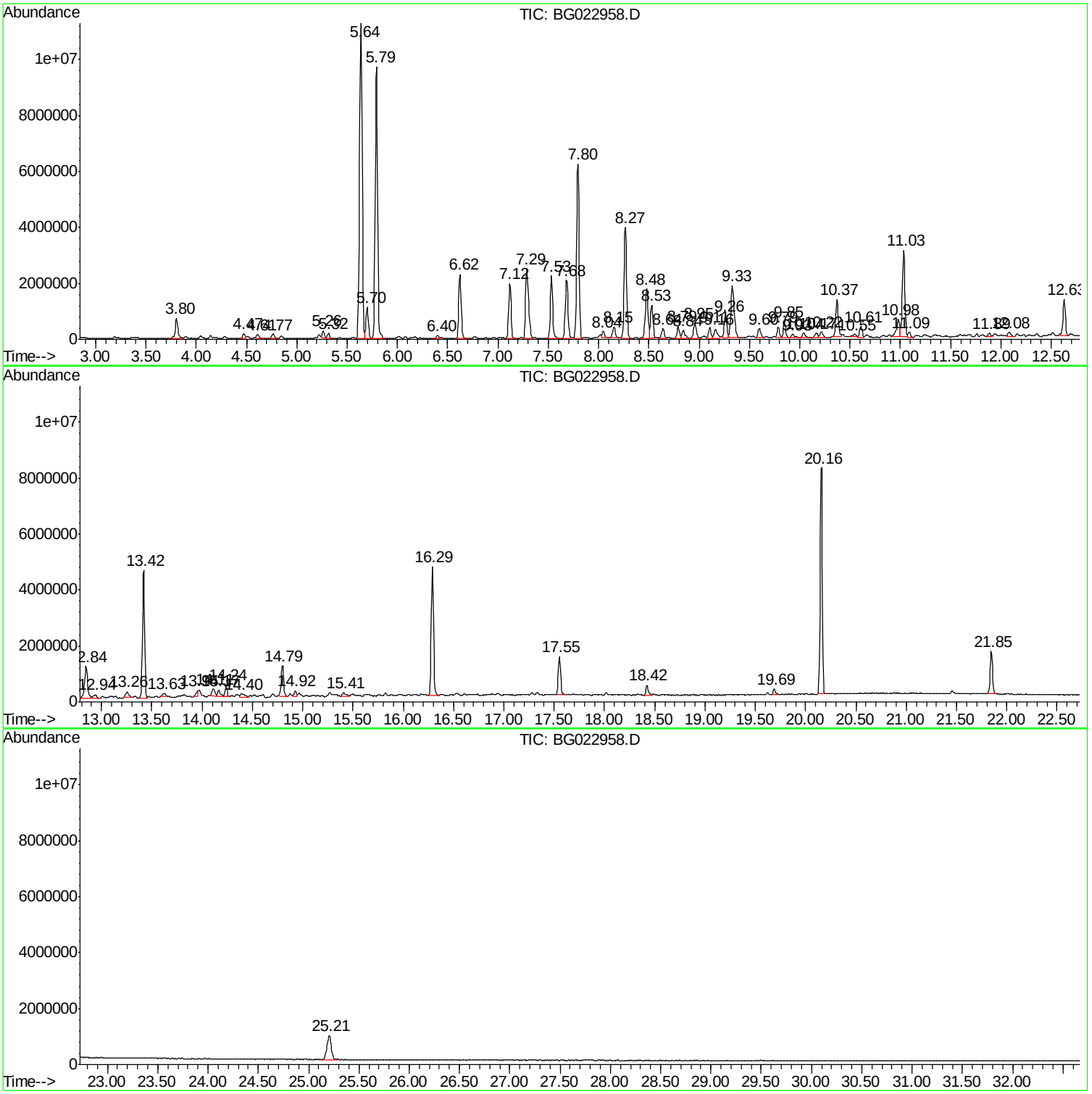
LSC Report - Integrated Chromatogram

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

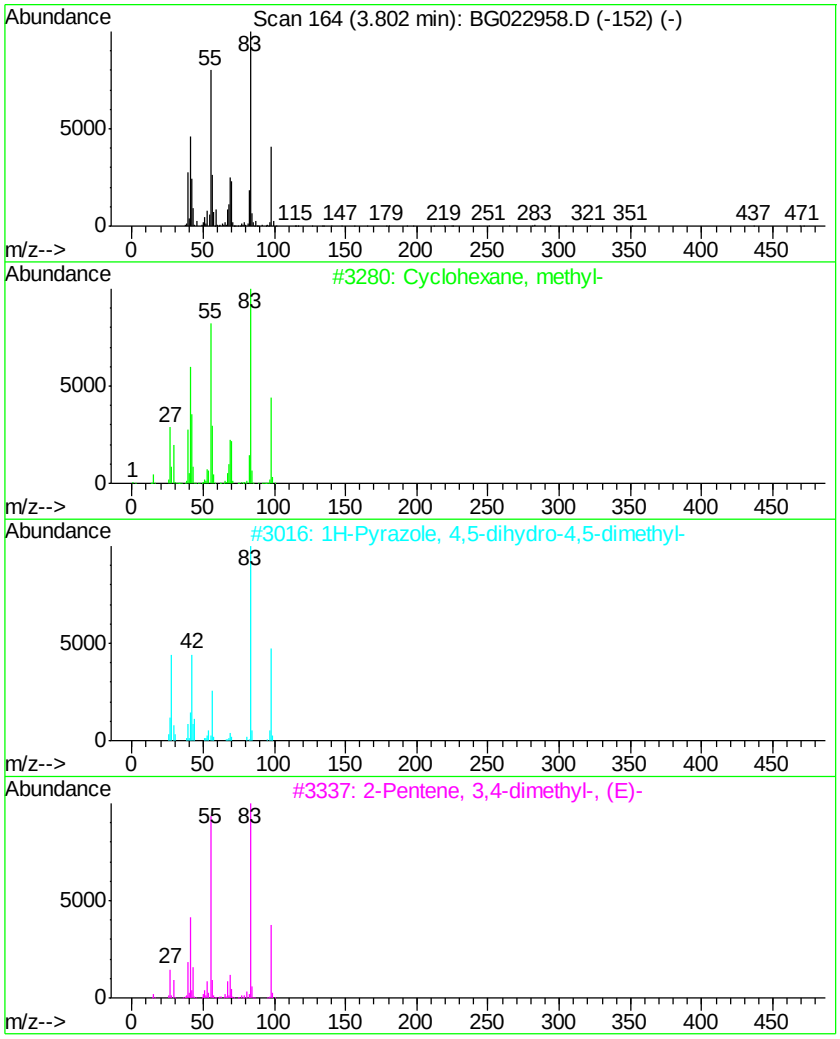
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

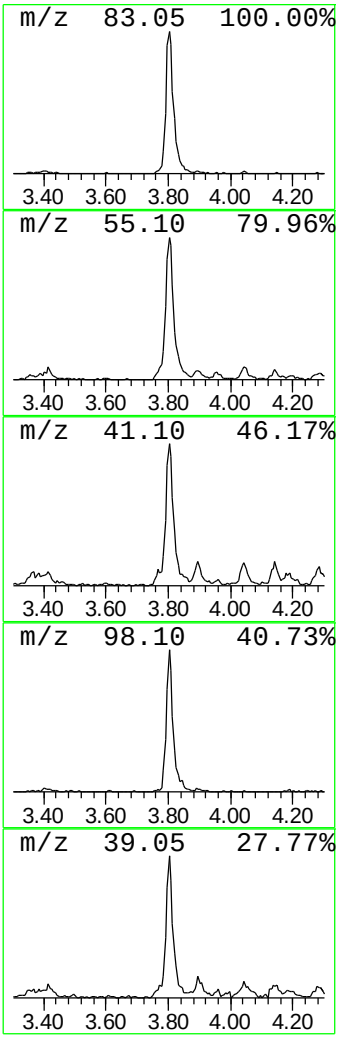
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	45.44 ng	1484330	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	96
2	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	58
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	52
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	52





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

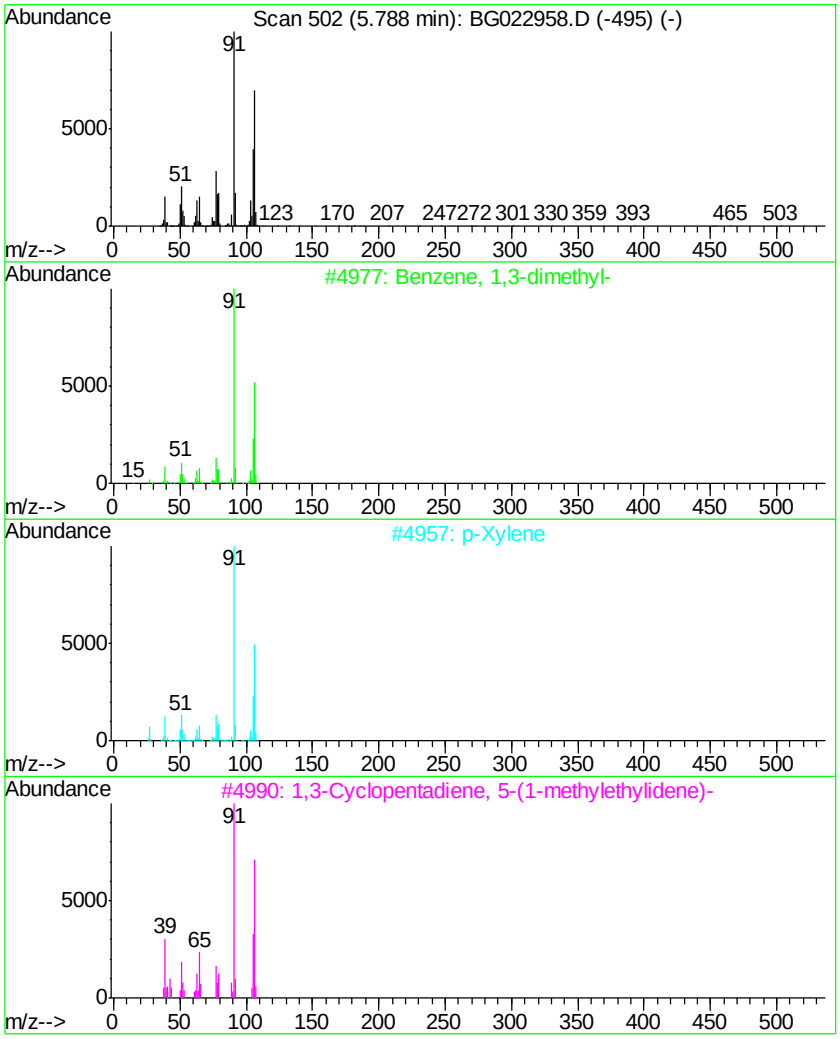
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

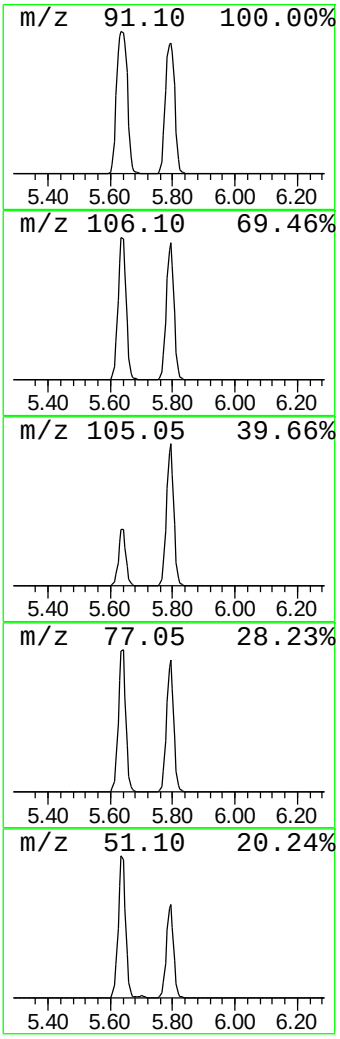
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	527.24 ng	17222000	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
2	p-Xylene	106	C8H10	000106-42-3	87
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
4	o-Xylene	106	C8H10	000095-47-6	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	64





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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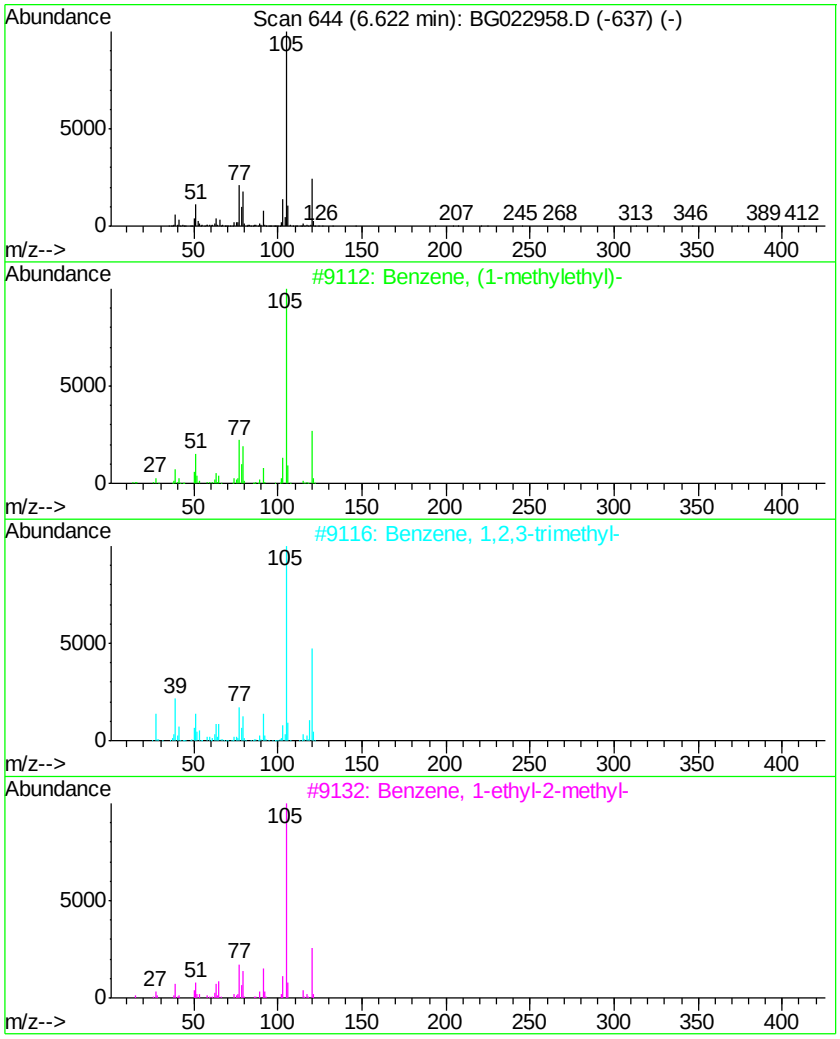
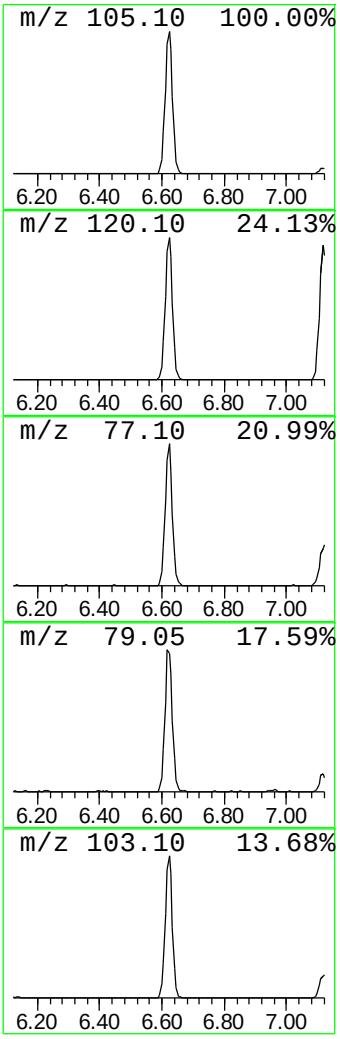
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	119.22 ng	3894200	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	96
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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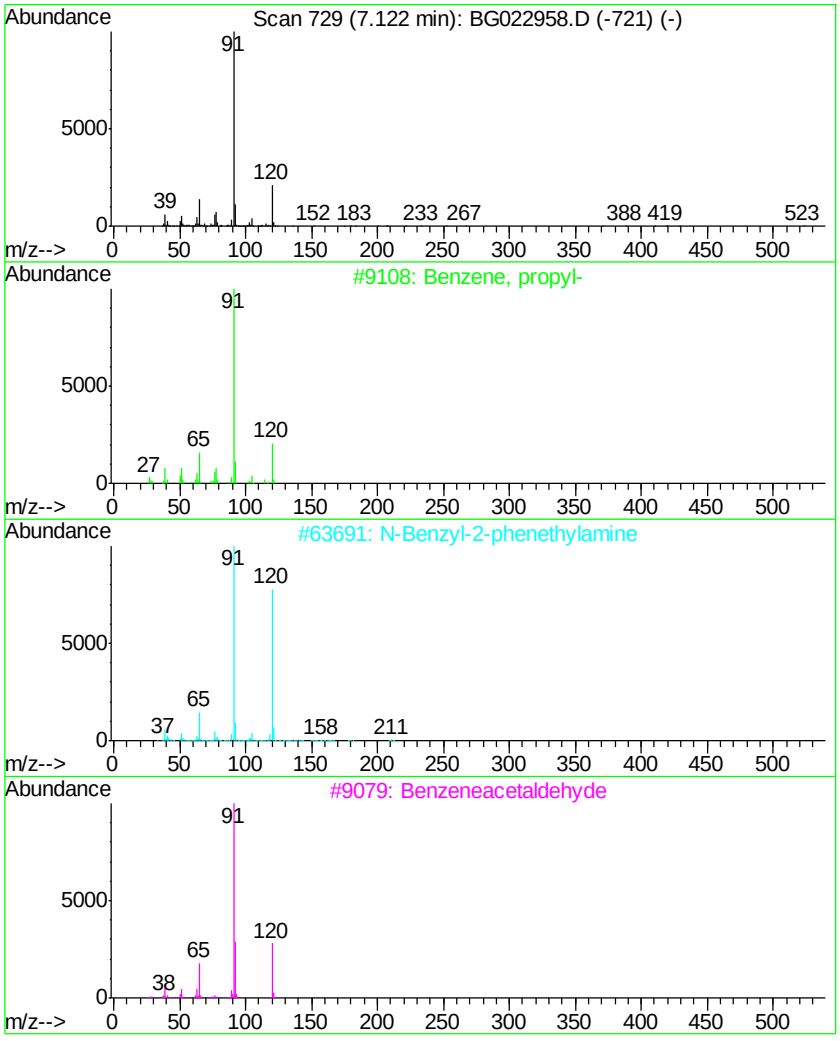
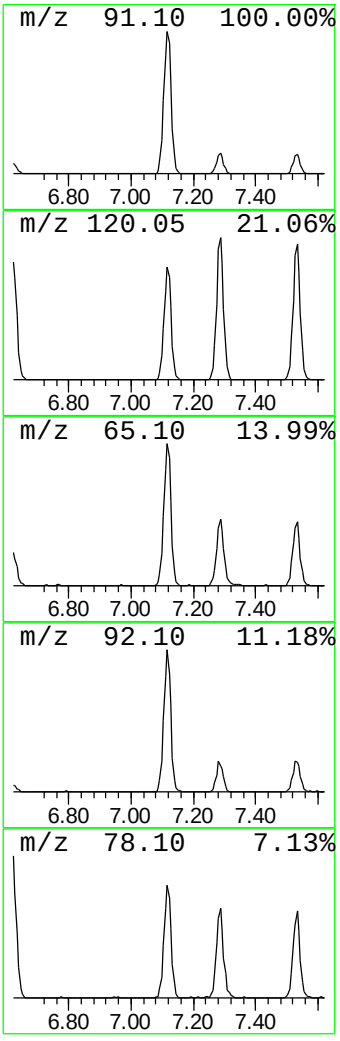
Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	100.49 ng	3282470	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	95
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4	Benzenepropionic acid, 4-benzyloxy-	256	C16H16O3	050463-48-4	47
5	Hydrazinecarboxylic acid, phenyl...	166	C8H10N2O2	005331-43-1	47





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

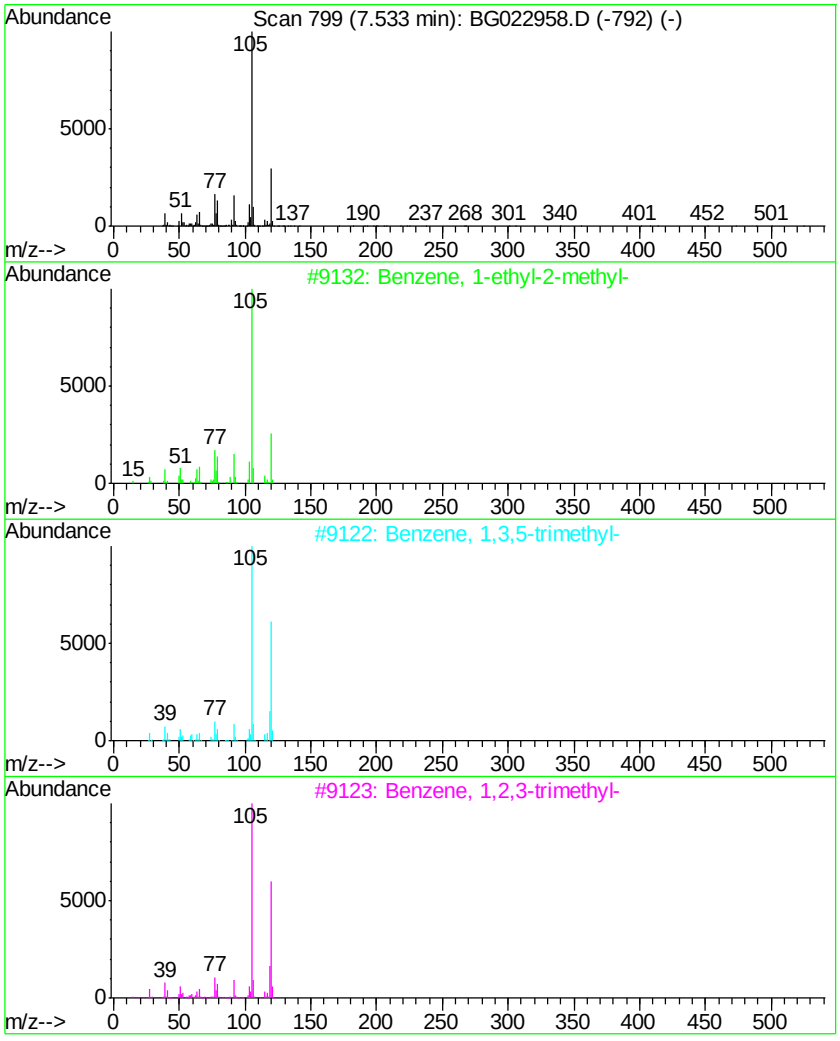
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

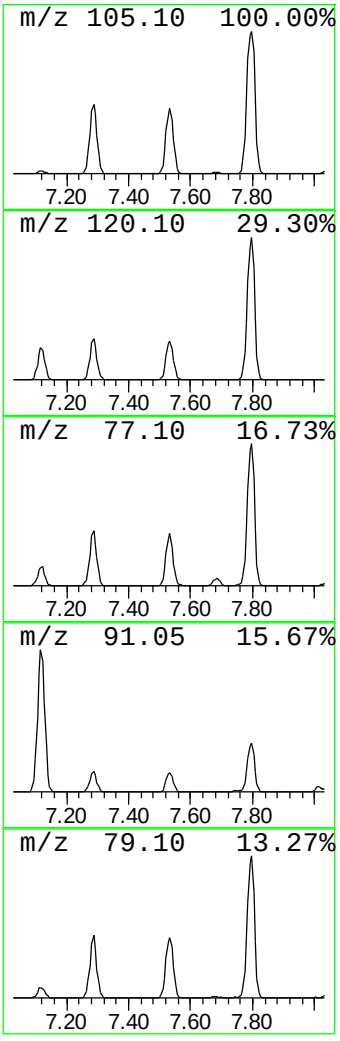
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	115.97 ng	3787930	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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





Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

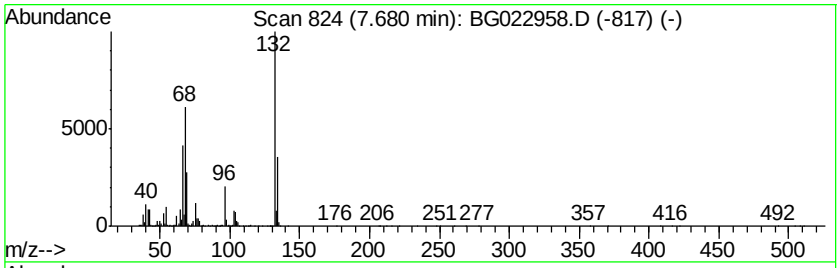
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

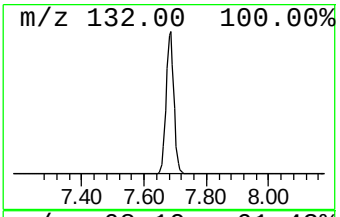
****

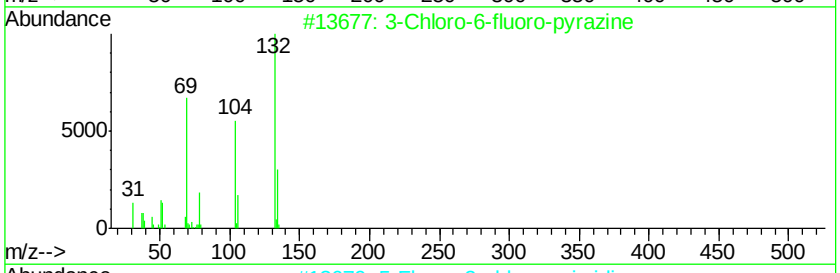
Peak Number 7 unknown7.68 Concentration Rank 7

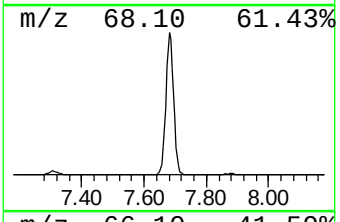
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	114.97 ng	3755510	1,4-Dichlorobenzene-d4	8.15

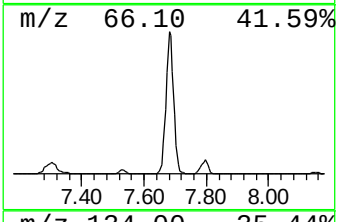
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	18
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9

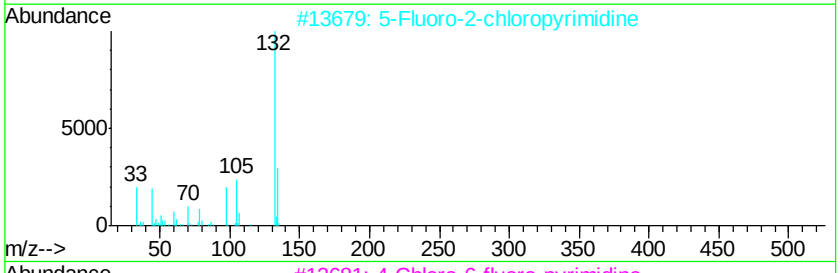


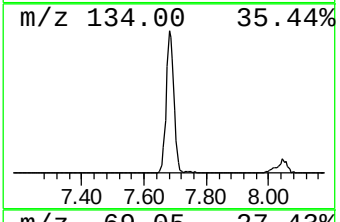


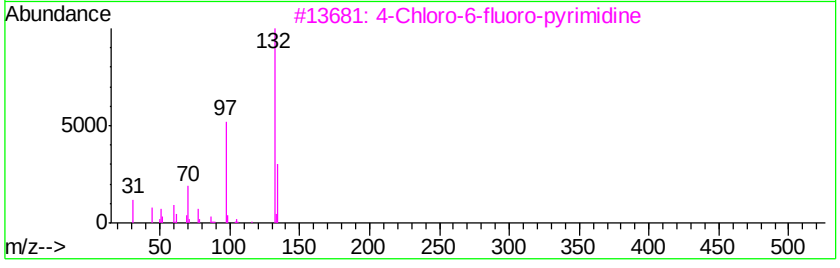


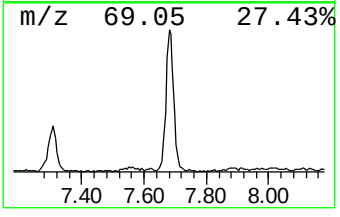












Library Search Compound Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

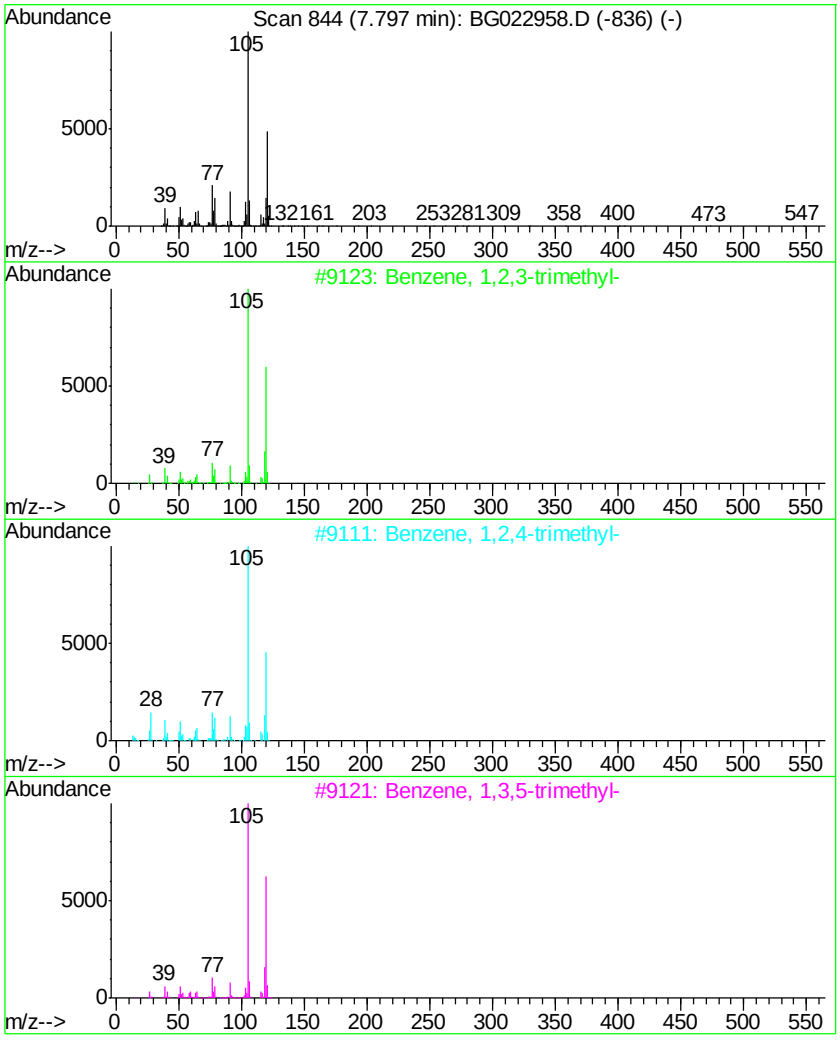
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

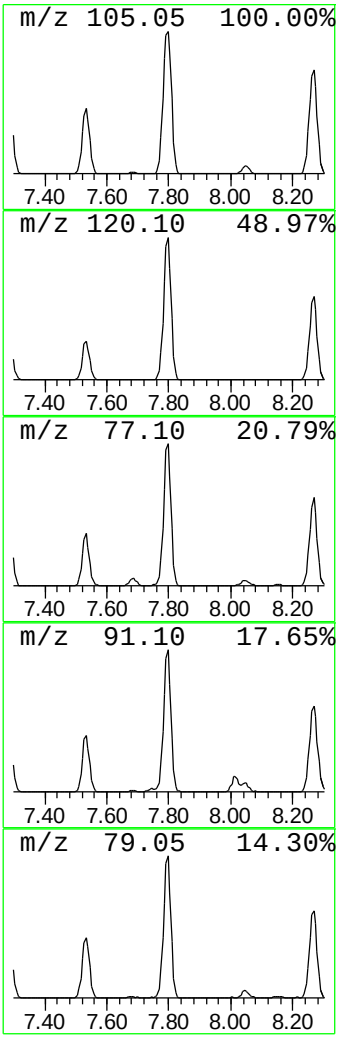
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	325.60 ng	10635400	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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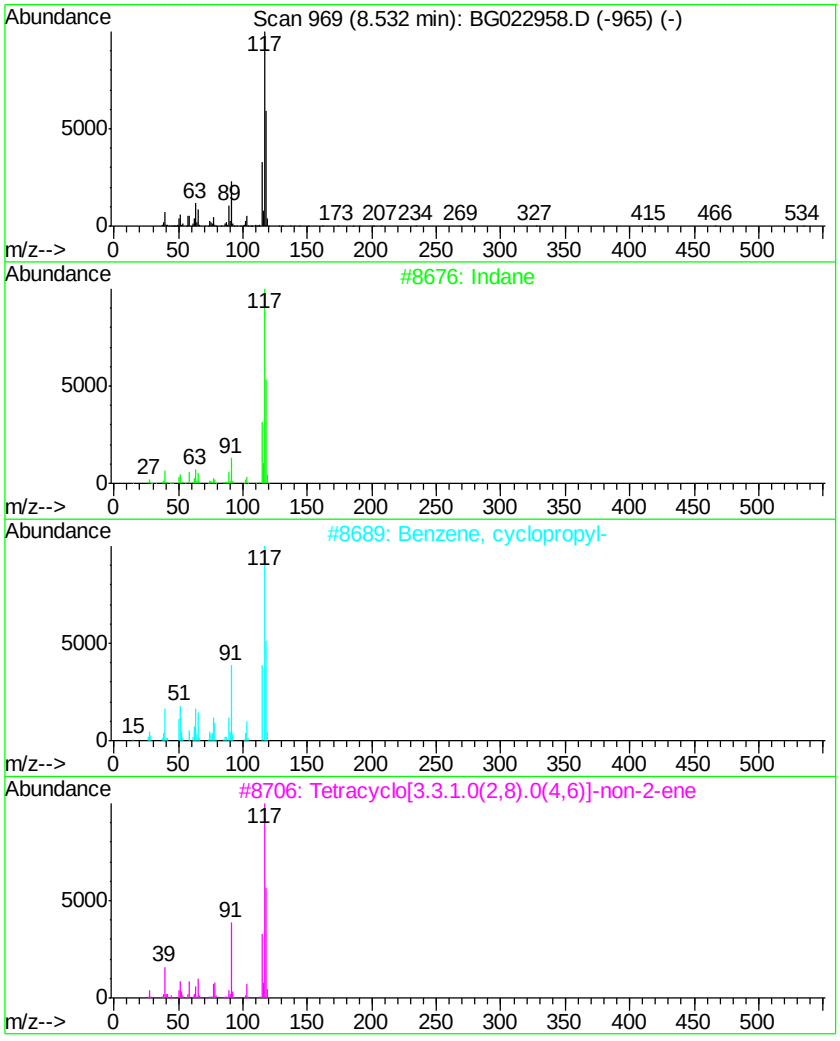
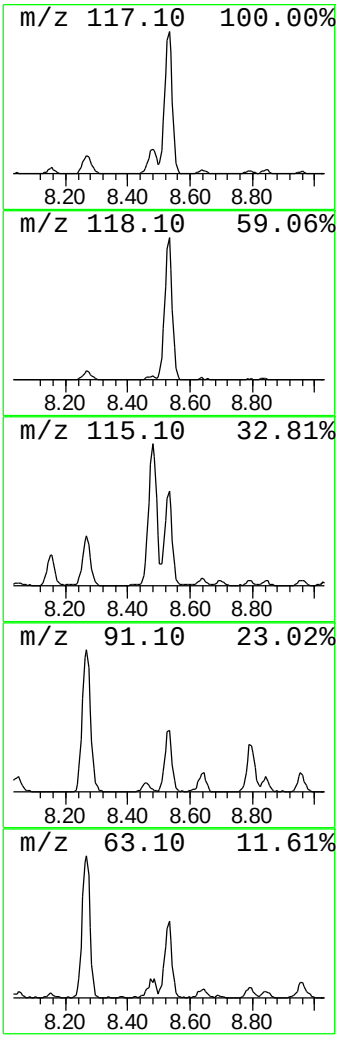
Peak Number 11 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	59.62 ng	1947550	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Deltacyclene	118	C9H10	007785-10-6	50
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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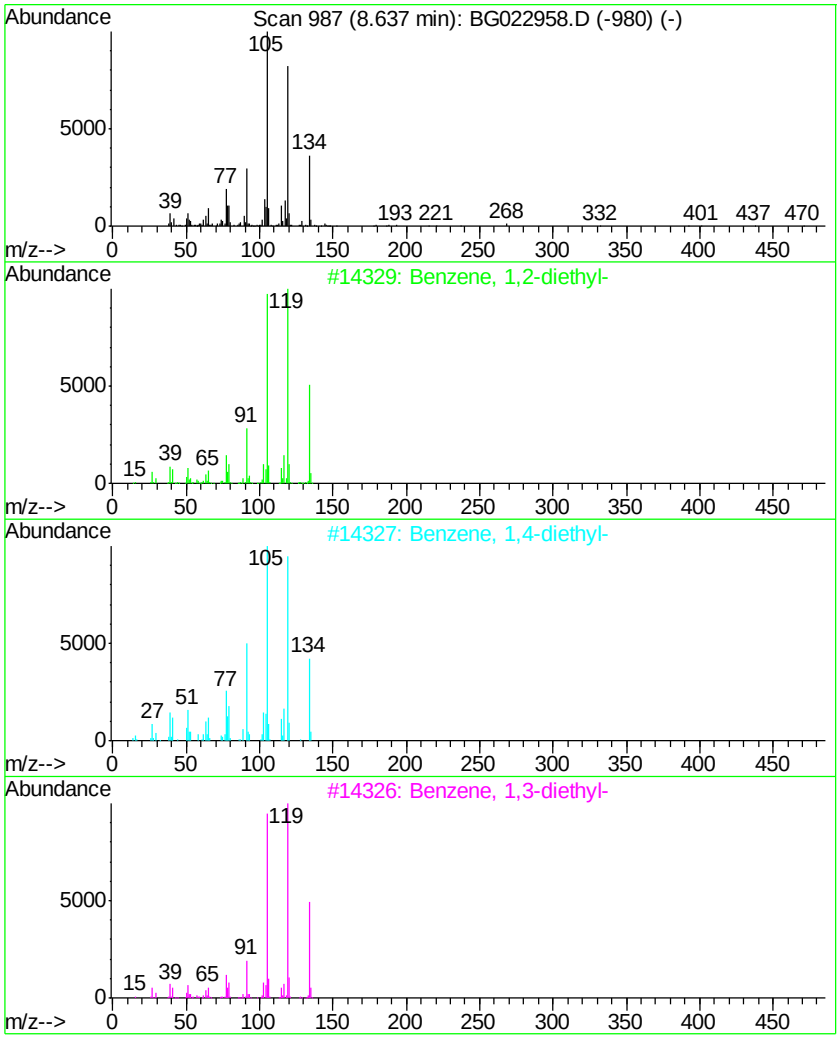
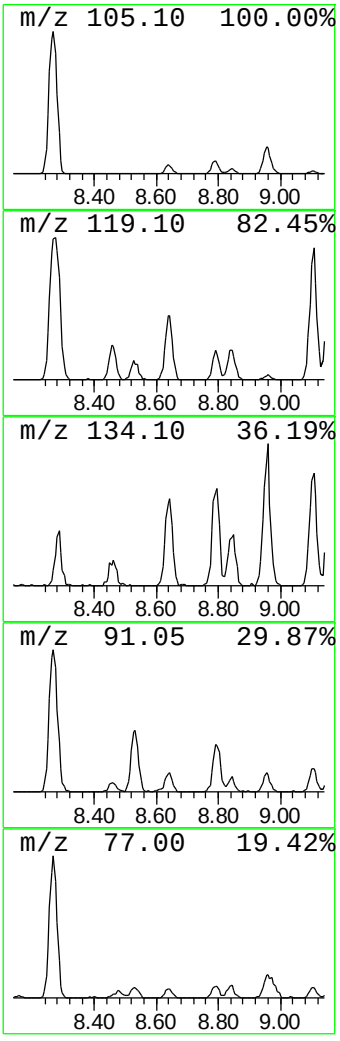
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	18.24 ng	595767	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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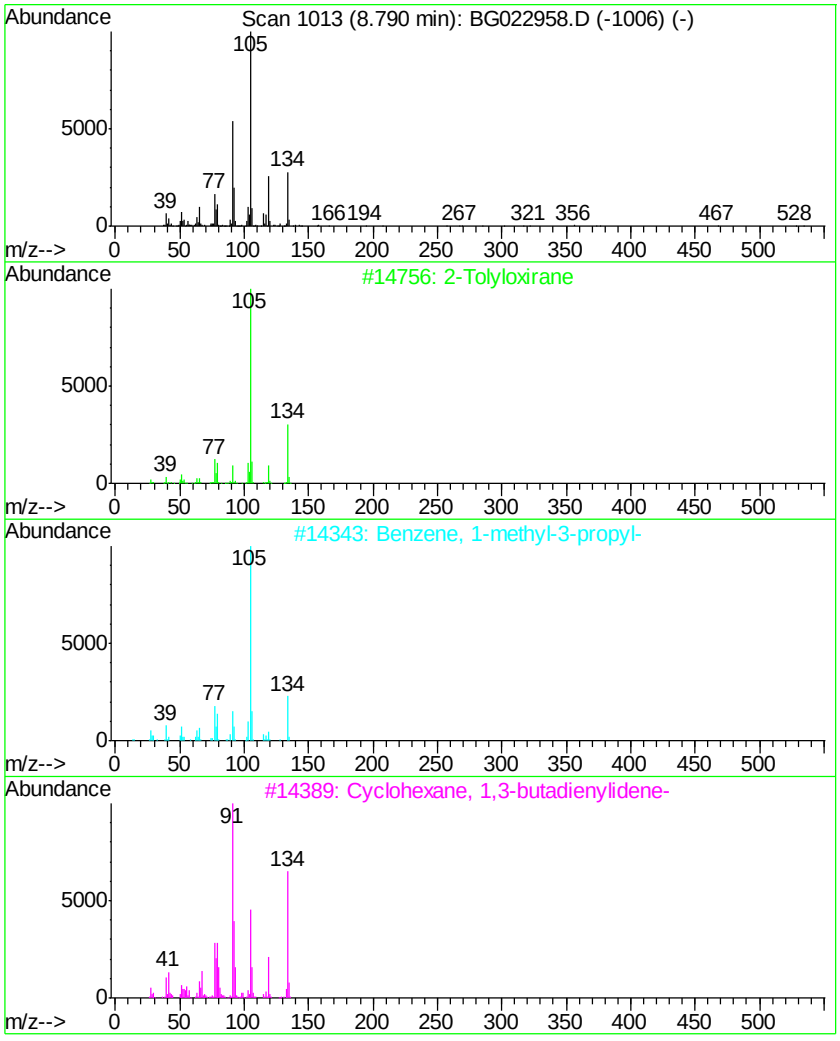
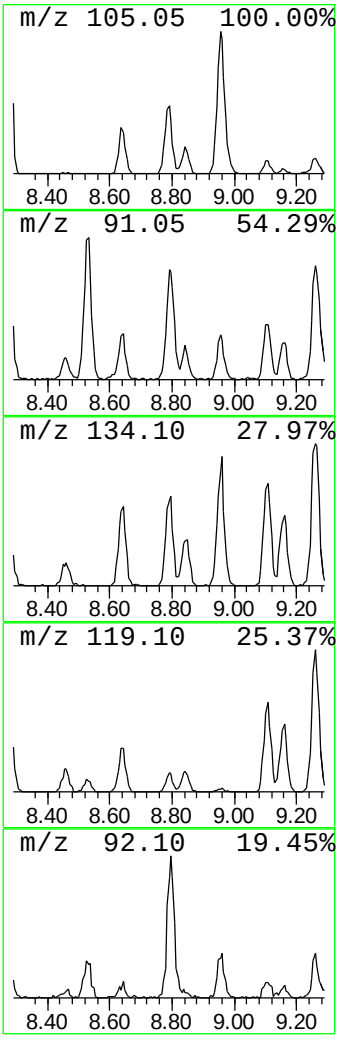
Peak Number 13 2-Tolyloxirane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	24.43 ng	797959	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	53
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49
3	Cyclohexane, 1,3-butadienylidene-	134	C10H14	053864-08-7	49
4	Naphthalene, 1,2,3,5,8,8a-hexahy...	134	C10H14	062690-65-7	49
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	47





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

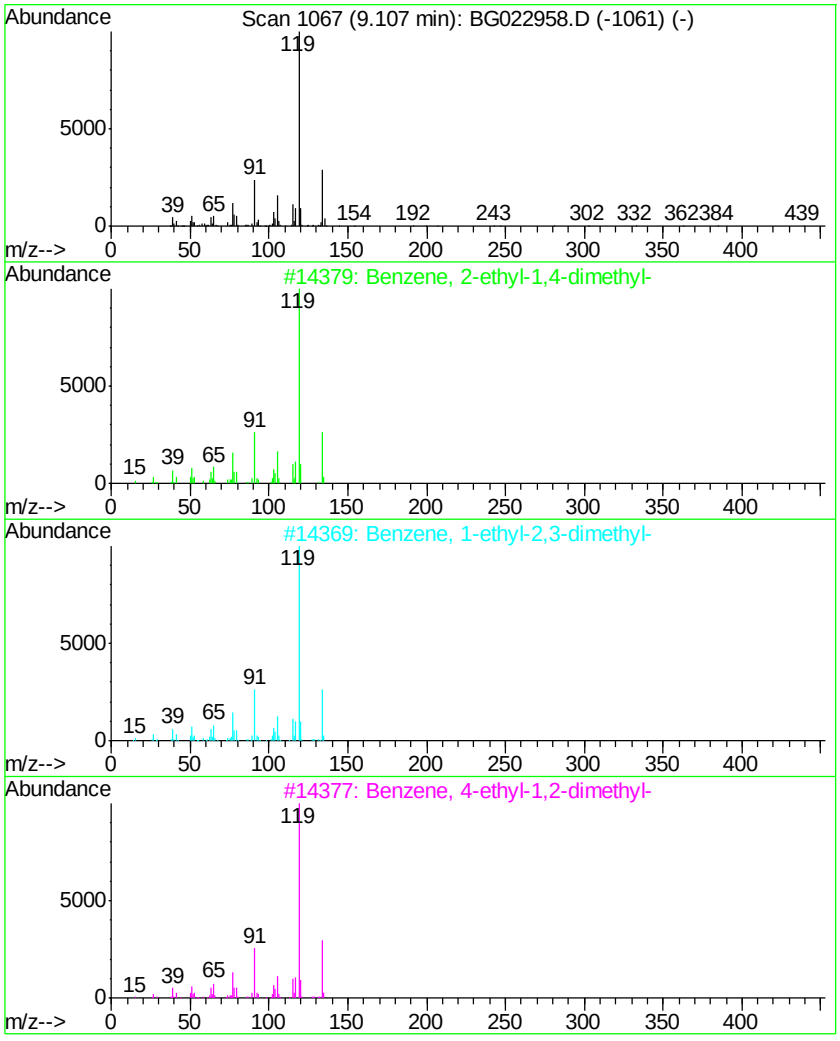
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

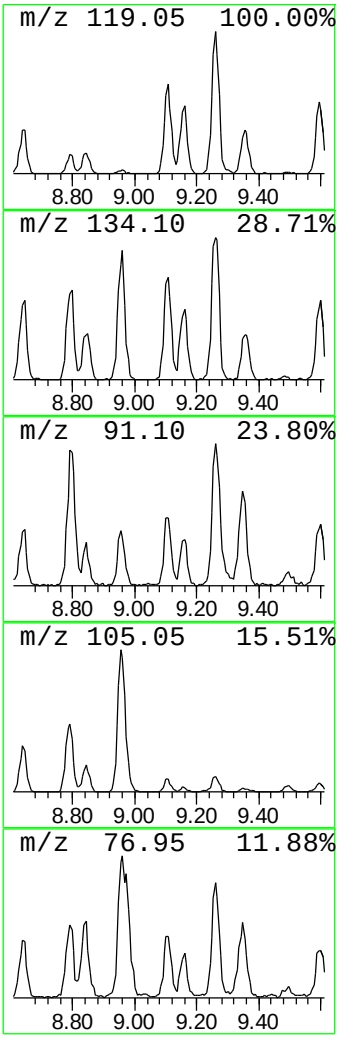
****

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	20.28 ng	662405	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	97
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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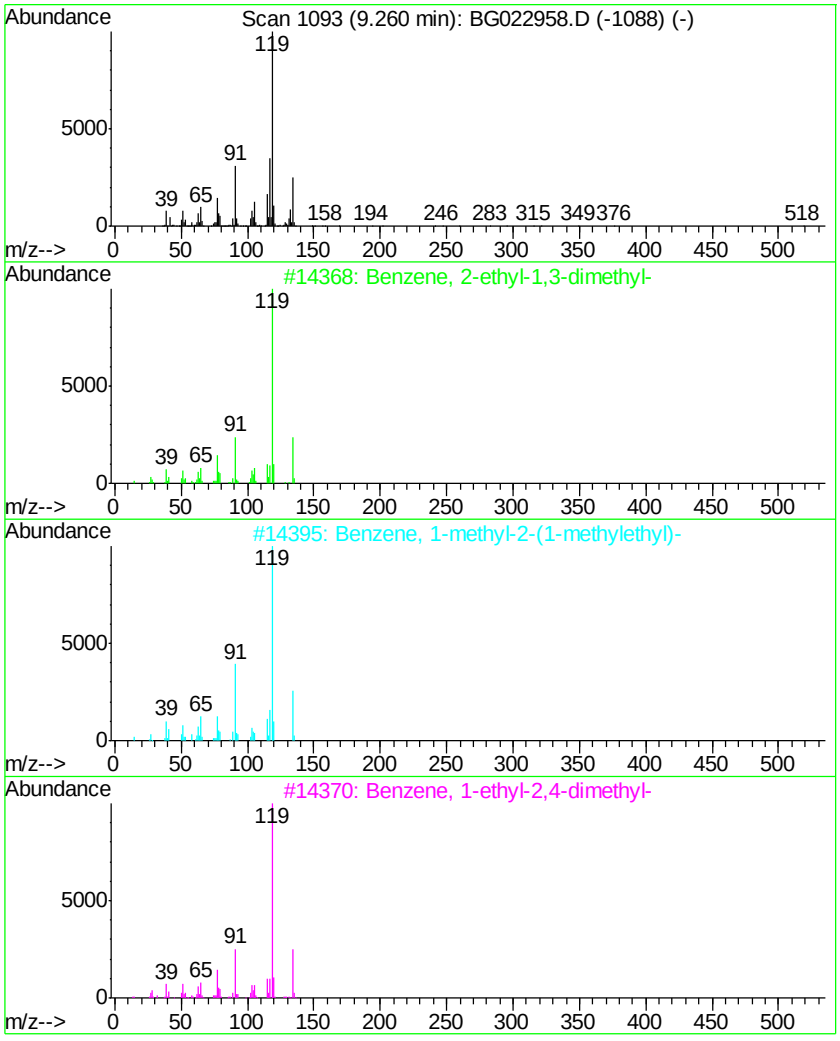
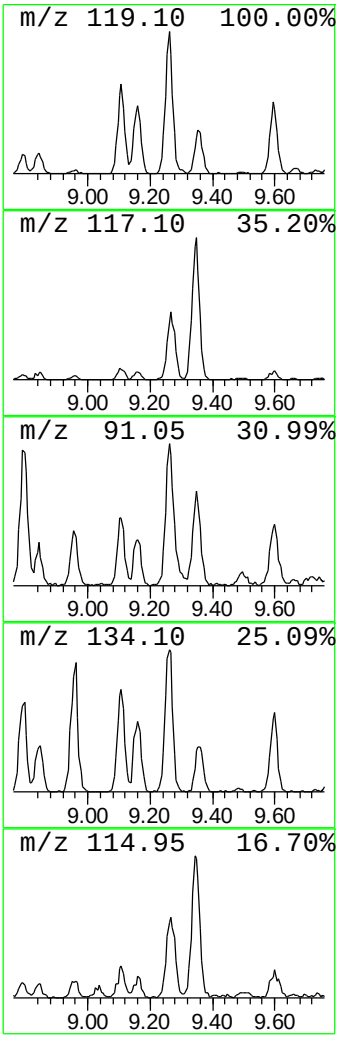
Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	44.92 ng	1467150	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81





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Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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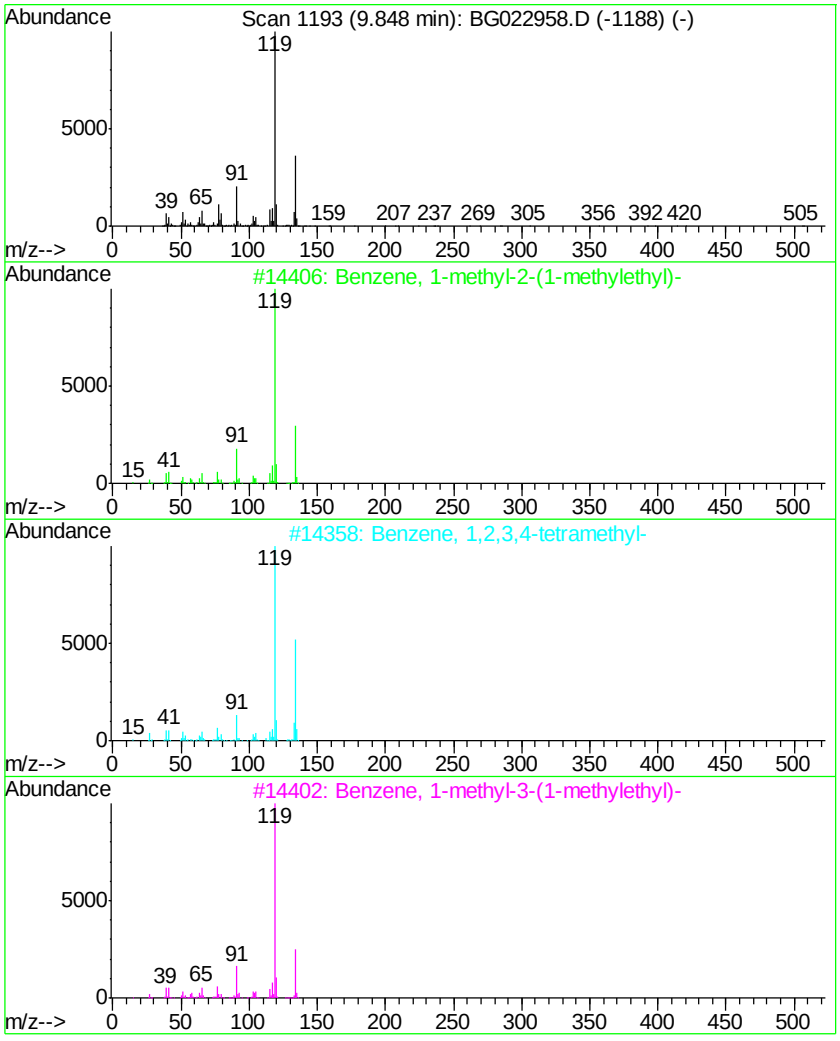
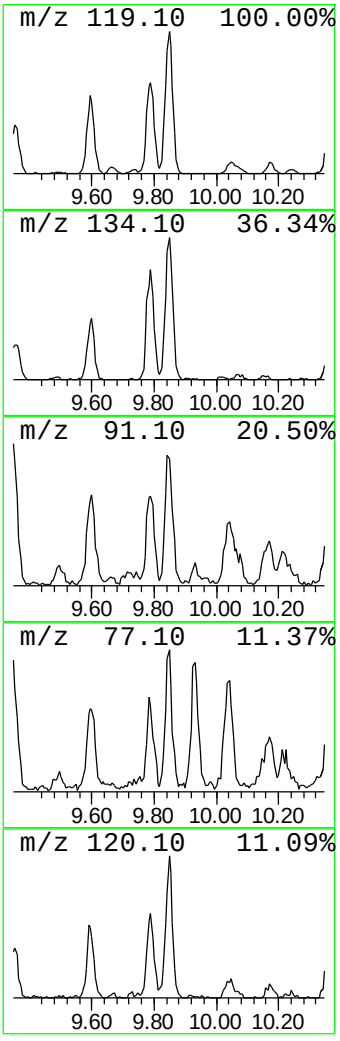
Peak Number 18 Benzene, 1-methyl-2-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	13.36 ng	941891	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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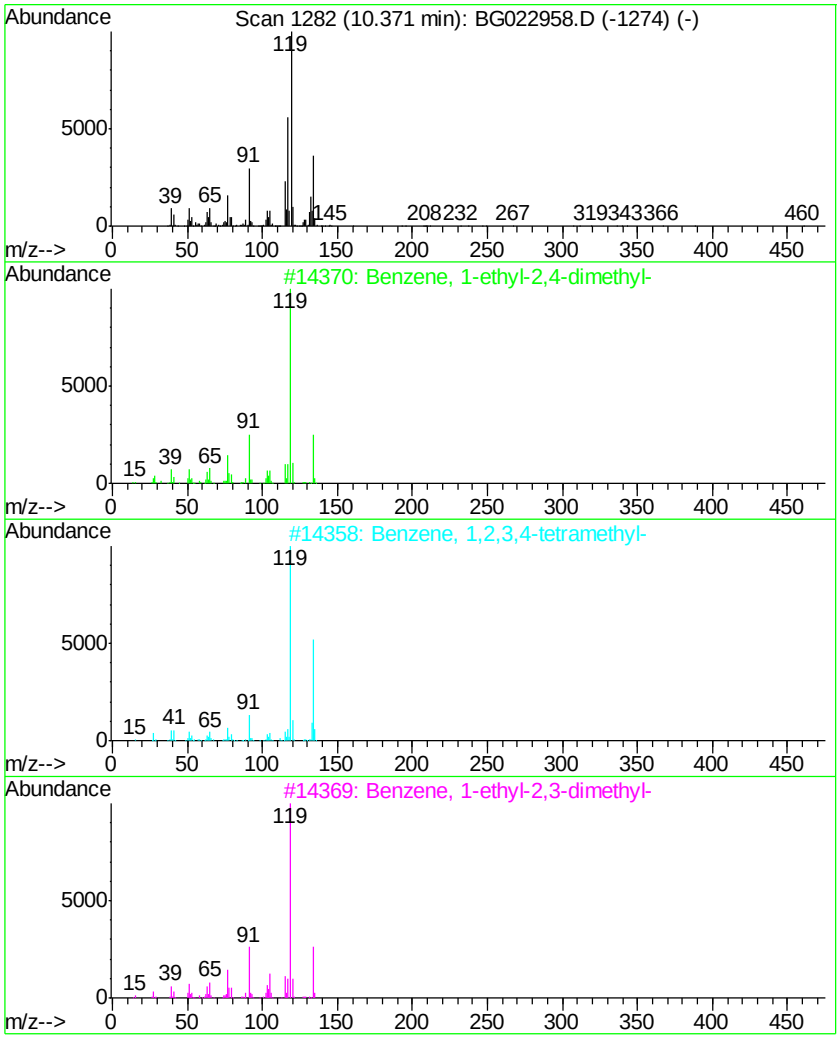
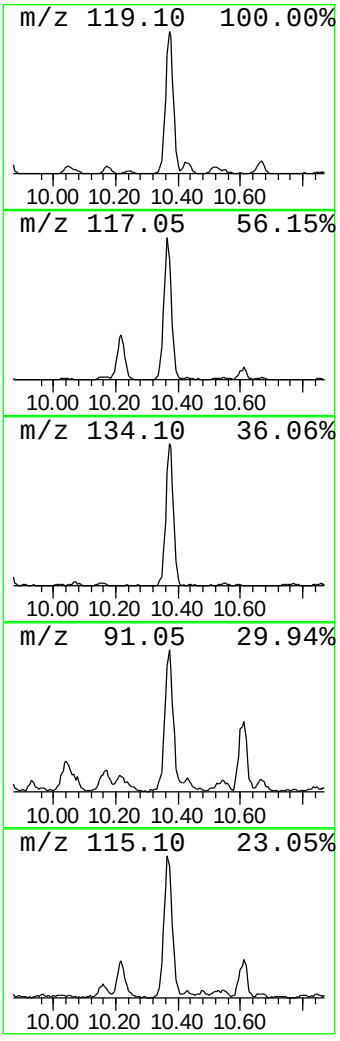
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	36.66 ng	2584640	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60





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Sample : H3927-04
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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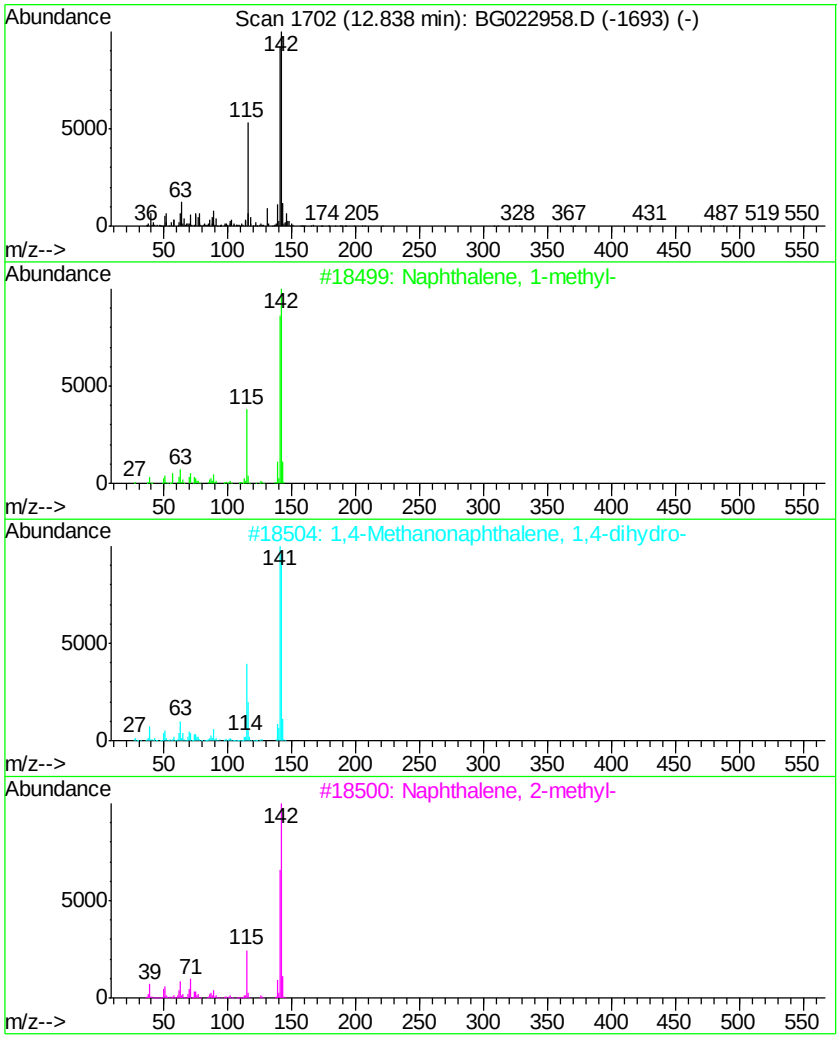
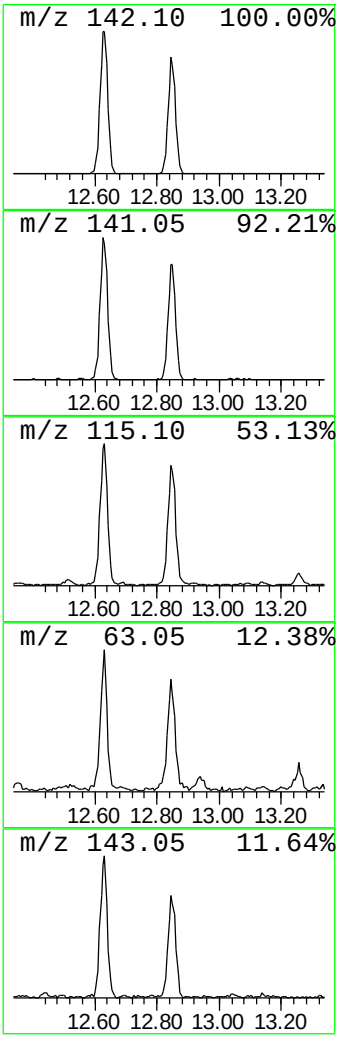
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	32.42 ng	2285760	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022958.D
Acq On : 9 Jul 2016 9:25
Operator : UM/SJ
Sample : H3927-04
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, methyl-	3.80	45.4	ng	1484330	1	8.15	653285	20.0
Benzene, 1,3-dime...	5.79	527.2	ng	17222000	1	8.15	653285	20.0
Benzene, (1-methy...	6.62	119.2	ng	3894200	1	8.15	653285	20.0
Benzene, propyl-	7.12	100.5	ng	3282470	1	8.15	653285	20.0
Benzene, 1-ethyl-...	7.53	116.0	ng	3787930	1	8.15	653285	20.0
unknown7.68	7.68	115.0	ng	3755510	1	8.15	653285	20.0
Benzene, 1,2,3-tr...	7.80	325.6	ng	10635400	1	8.15	653285	20.0
Indane	8.53	59.6	ng	1947550	1	8.15	653285	20.0
Benzene, 1,2-diet...	8.64	18.2	ng	595767	1	8.15	653285	20.0
2-Tolyloxirane	8.79	24.4	ng	797959	1	8.15	653285	20.0
Benzene, 2-ethyl-...	9.11	20.3	ng	662405	1	8.15	653285	20.0
Benzene, 2-ethyl-...	9.26	44.9	ng	1467150	1	8.15	653285	20.0
Benzene, 1-methyl...	9.85	13.4	ng	941891	2	10.98	1410030	20.0
Benzene, 1-ethyl-...	10.37	36.7	ng	2584640	2	10.98	1410030	20.0
Naphthalene, 1-me...	12.84	32.4	ng	2285760	2	10.98	1410030	20.0