LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.157	389	395	403	rBV	245125	392704	4.54%	0.697%
2	5.633	469	476	485	rBV	1039470	1757318	20.30%	3.120%
3	5.715	485	490	499	rVB2	43927	95694	1.11%	0.170%
4	6.814	669	677	679	rBV4	50776	88031	1.02%	0.156%
5	7.248	743	751	763	rVB	749530	1468585	16.96%	2.607%
6	7.466	780	788	796	rBV2	68407	139946	1.62%	0.248%
7	7.618	805	814	825	rBV	1810709	3293248	38.04%	5.846%
8	8.088	887	894	898	rBV	538728	935599	10.81%	1.661%
9	8.129	898	901	907	rVB2	270340	437221	5.05%	0.776%
10	8.200	907	913	922	rVB	87548	158707	1.83%	0.282%
11	8.335	926	936	938	rBV5	44228	96115	1.11%	0.171%
12	8.417	943	950	956	rVV	1564606	2711145	31.32%	4.813%
13	9.016	1047	1052	1057	rBV4	59963	140552	1.62%	0.250%
14	9.146	1068	1074	1079	rBV2	127064	220080	2.54%	0.391%
15	9.204	1079	1084	1088	rVB4	86280	149771	1.73%	0.266%
16	9.269	1088	1095	1109	rVB	1480659	2711674	31.32%	4.814%
17	9.727	1165	1173	1178	rBV2	58463	103638	1.20%	0.184%
18	9.786	1178	1183	1187	rBV	52872	90336	1.04%	0.160%
19	9.839	1187	1192	1196	rBV2	88030	151985	1.76%	0.270%
20	10.309	1267	1272	1277	rBV2	95137	173623	2.01%	0.308%
21	10.520	1304	1308	1319	rVV8	42944	104786	1.21%	0.186%
22	10.620	1319	1325	1333	rVB6	38596	92047	1.06%	0.163%
23	10.926	1368	1377	1384	rBV	755010	1394417	16.11%	2.475%
24	11.202	1416	1424	1429	rBV8	32528	98034	1.13%	0.174%
25	11.343	1442	1448	1454	rVB2	99484	176810	2.04%	0.314%
26	11.490	1468	1473	1475	rBV2	67255	112574	1.30%	0.200%
27	11.542	1480	1482	1495	rVB6	97541	231669	2.68%	0.411%
28	12.312	1607	1613	1622	rVB2	267552	486059	5.61%	0.863%
29	12.647	1663	1670	1675	rVB	122936	208069	2.40%	0.369%
30	12.805	1682	1697	1705	rBV4	717110	2067657	23.89%	3.671%
31	12.882	1705	1710	1719	rVB	442347	871879	10.07%	1.548%
32	13.129	1742	1752	1756	rBV5	174934	426765	4.93%	0.758%
33	13.375	1785	1794	1802	rVB	3778245	6048909	69.88%	10.738%
34	13.446	1802	1806	1810	rBV6	50633	95463	1.10%	0.169%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.728	1849	1854	1857	rBV4	62304	94384	1.09%	0.168%
36	13.775	1857	1862	1863	rBV2	185613	259801	3.00%	0.461%
37	13.798	1863	1866	1871	rVB2	195766	312917	3.61%	0.556%
38	13.892	1877	1882	1887	rVB3	170436	261817	3.02%	0.465%
39	13.974	1887	1896	1905	rBV	682835	1541206	17.80%	2.736%
40	14.068	1910	1912	1919	rVB3	95031	140792	1.63%	0.250%
41	14.204	1927	1935	1939	rBV4	213809	476763	5.51%	0.846%
42	14.256	1939	1944	1948	rBV	327393	508812	5.88%	0.903%
43	14.397	1964	1968	1975	rVB4	126141	213947	2.47%	0.380%
44	14.462	1975	1979	1984	rBV	70605	112158	1.30%	0.199%
45	14.550	1989	1994	1997	rBV3	101974	161310	1.86%	0.286%
46	14.685	2010	2017	2018	rBV7	43116	94748	1.09%	0.168%
47	14.762	2024	2030	2037	rVB2	1221242	1979125	22.86%	3.513%
48	14.844	2039	2044	2047	rBV5	81437	124244	1.44%	0.221%
49	14.903	2047	2054	2059	rVV3	137549	345764	3.99%	0.614%
50	14.967	2059	2065	2070	rVB7	72372	174273	2.01%	0.309%
51	15.091	2080	2086	2093	rBV5	105902	248664	2.87%	0.441%
52	15.854	2212	2216	2224	rVB2	95946	166726	1.93%	0.296%
53	16.265	2278	2286	2297	rVB	3041330	4967388	57.38%	8.818%
54	17.528	2494	2501	2506	rBV	1568182	2376047	27.45%	4.218%
55	18.398	2644	2649	2654	rBV3	89442	118925	1.37%	0.211%
56	19.661	2861	2864	2870	rBV5	68990	99155	1.15%	0.176%
57	20.137	2938	2945	2951	rBV	6302405	8656613	100.00%	15.368%
58	21.840	3228	3235	3244	rBV2	1624180	2652021	30.64%	4.708%
59	25.218	3800	3810	3822	rVB	854489	2510641	29.00%	4.457%

Sum of corrected areas: 56329351

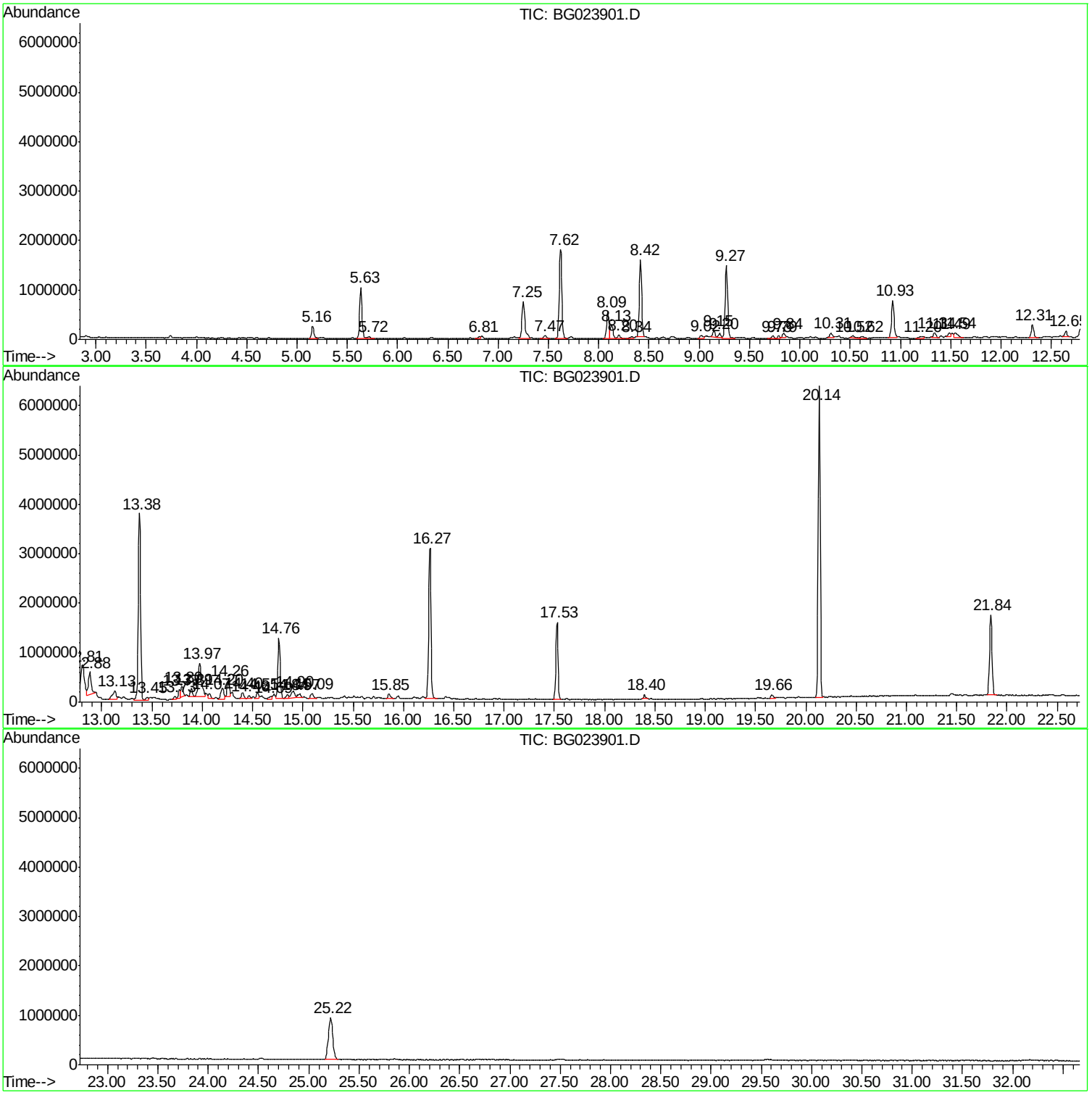
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

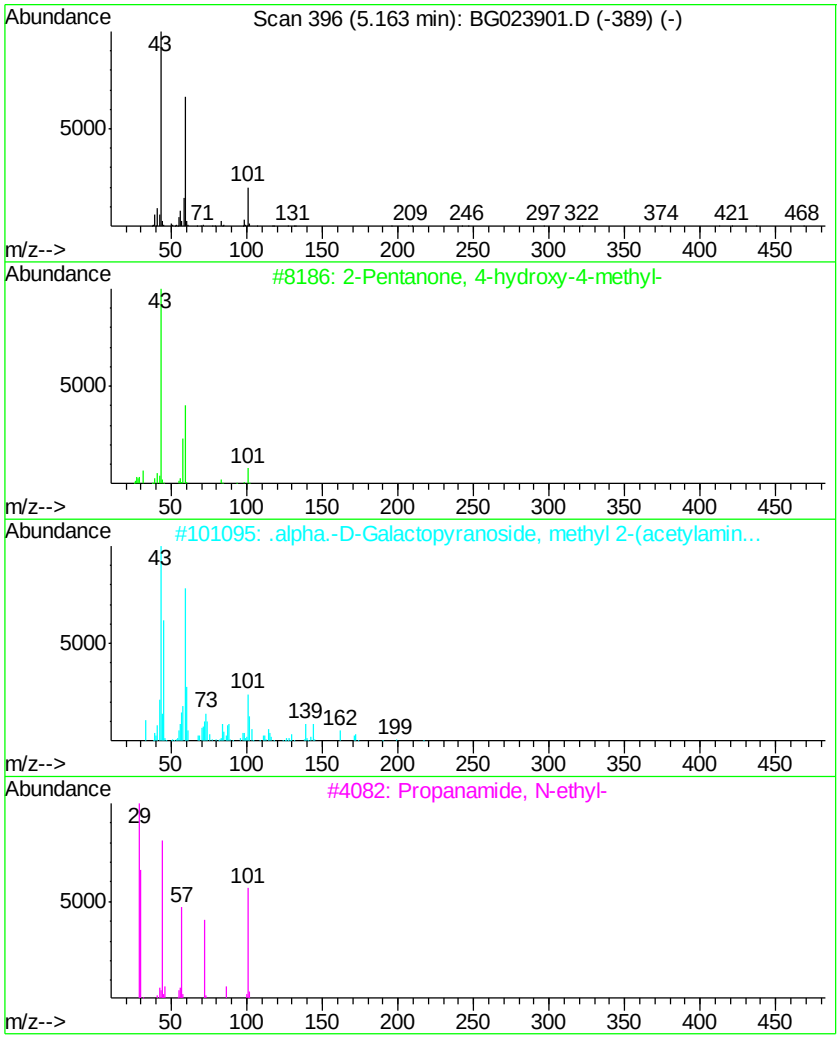
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

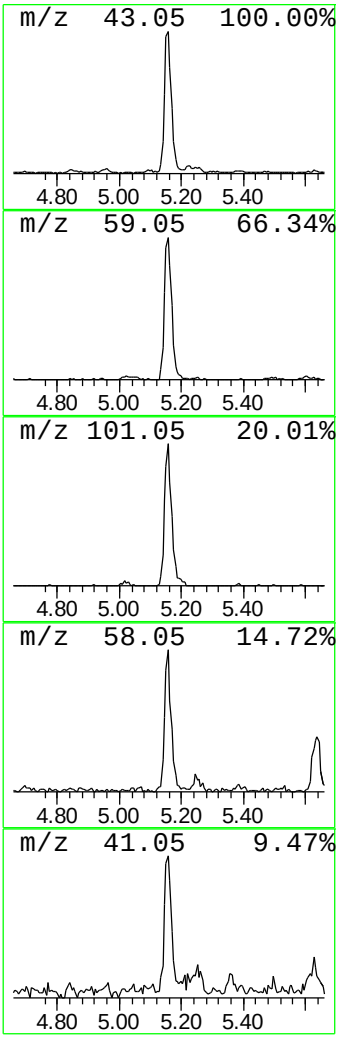
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	8.39 ng	392704	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	38
3	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

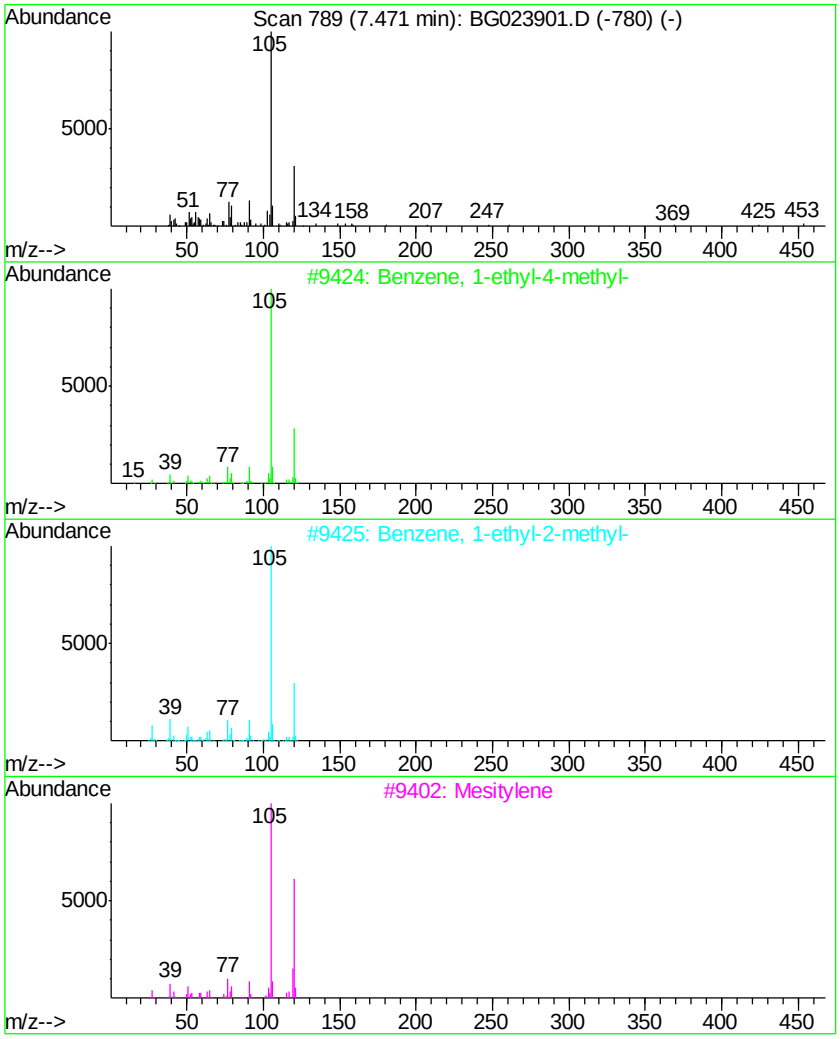
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

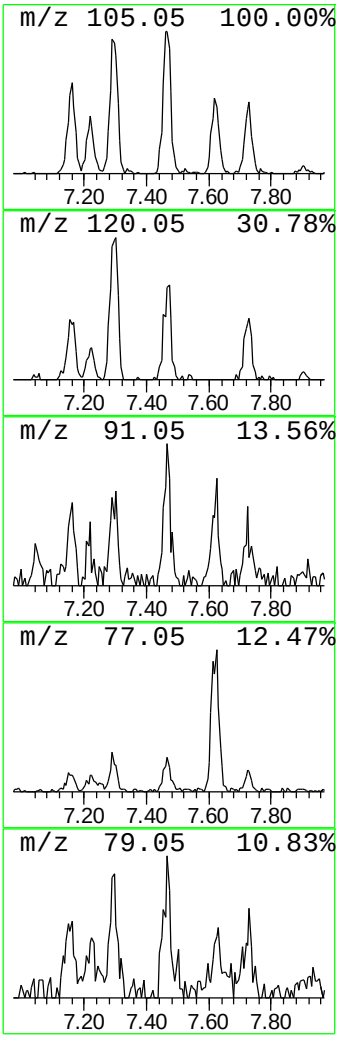
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.99 ng	139946	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
3	Mesitylene	120	C9H12	000108-67-8	83
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

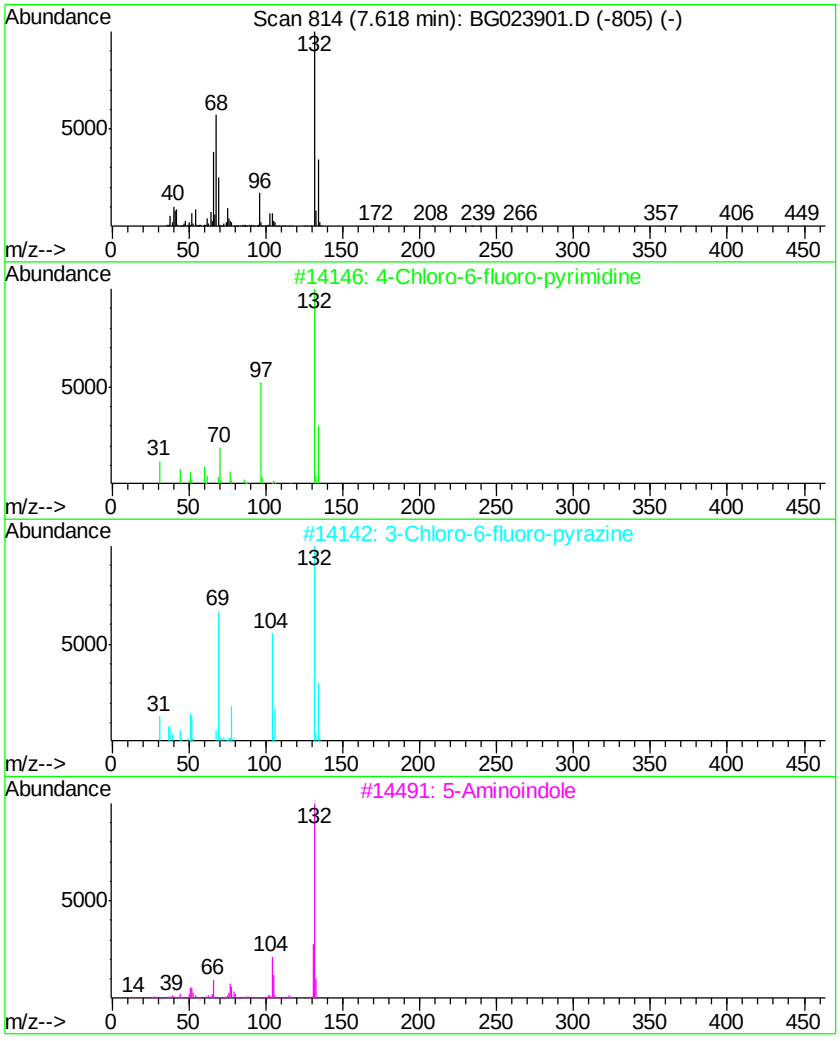
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

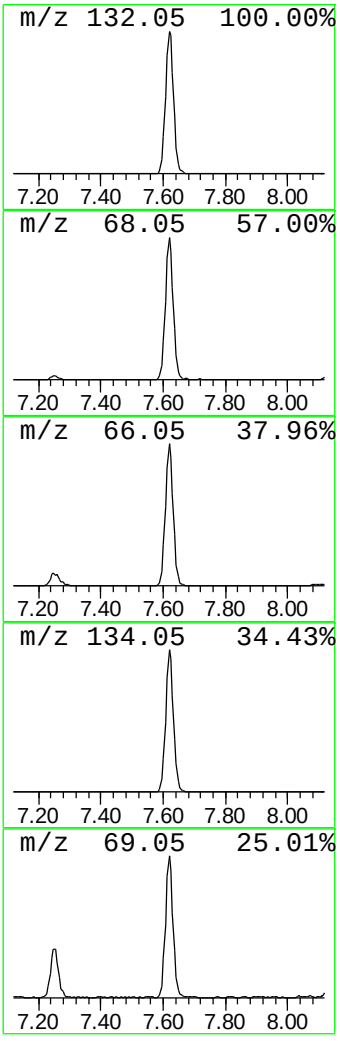
****

Peak Number 3 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	70.40 ng	3293250	1,4-Dichlorobenzene-d4	8.09

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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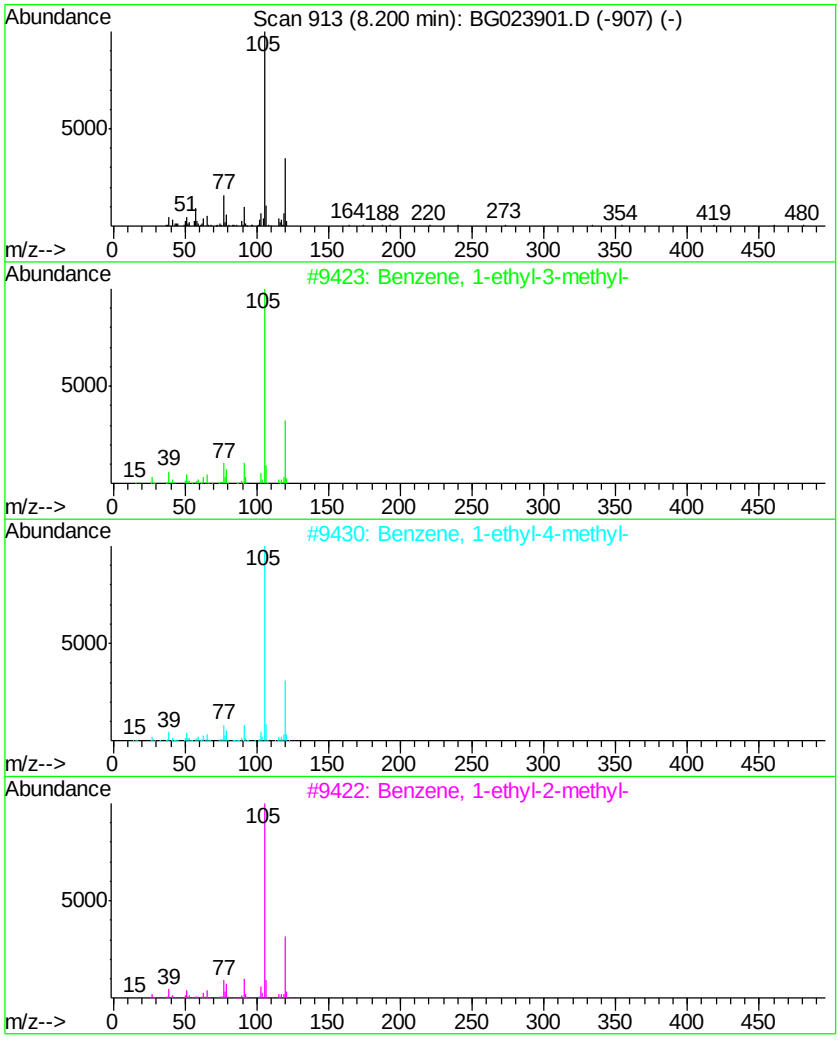
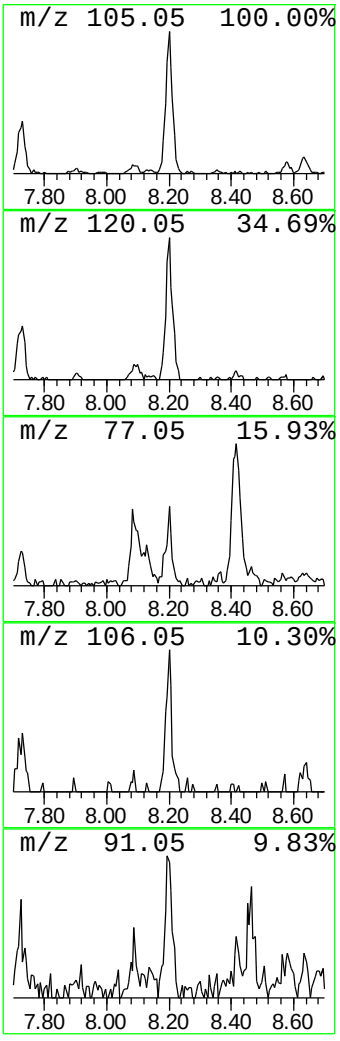
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.39 ng	158707	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4	Mesitylene	120	C9H12	000108-67-8	86
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

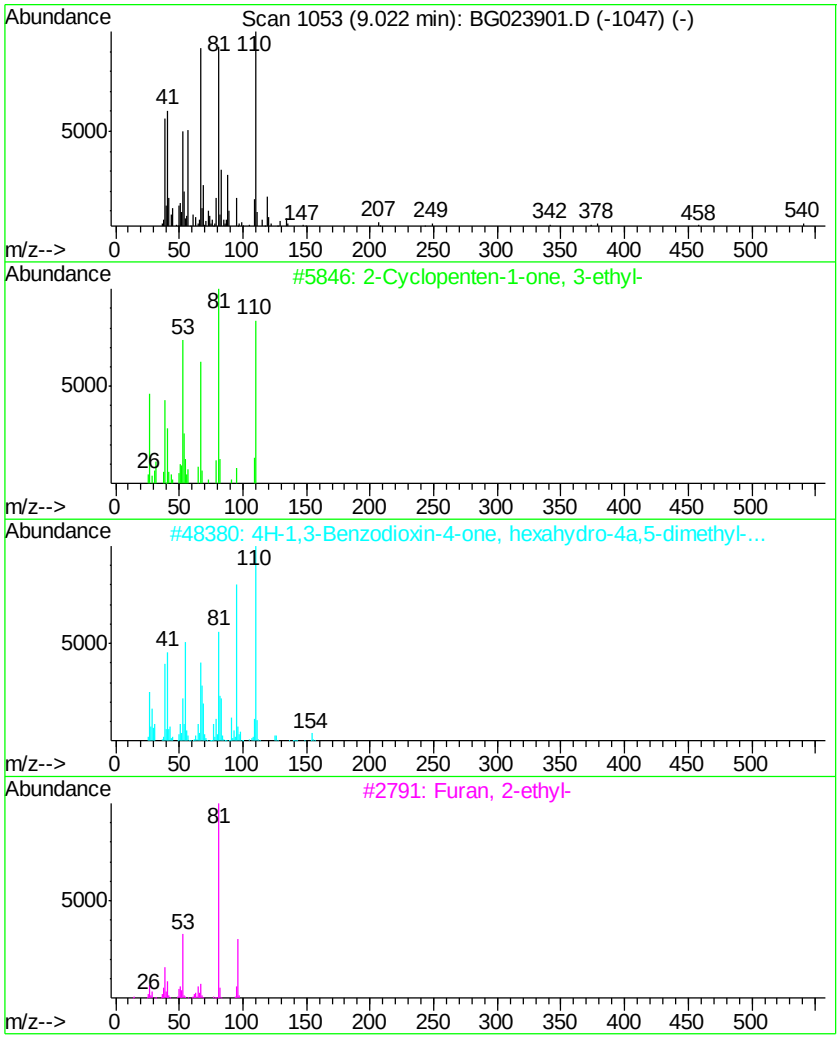
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

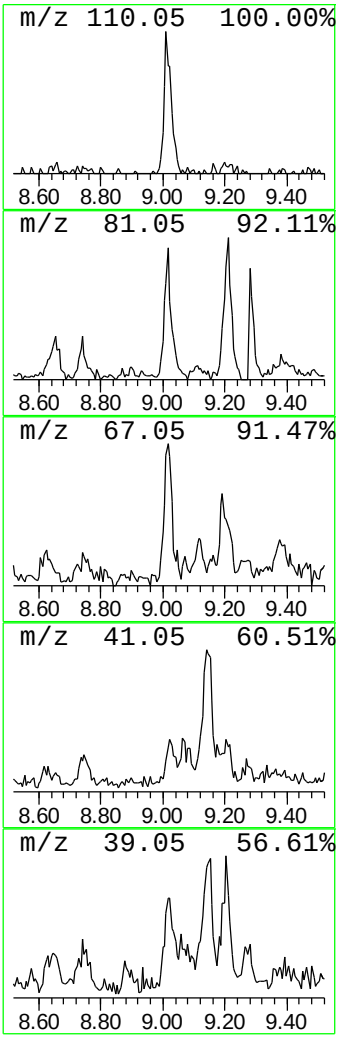
****

Peak Number 6 2-Cyclopenten-1-one, 3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.00 ng	140552	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-ethyl-	110	C7H10O	005682-69-9	86
2	4H-1,3-Benzodioxin-4-one, hexahy...	184	C10H16O3	124899-17-8	64
3	Furan, 2-ethyl-	96	C6H8O	003208-16-0	53
4	Benzoic acid, 4-chloro-2-[(2-fur...	251	C12H10ClNO3	074793-12-7	52
5	Furan, 2-(methoxymethyl)-	112	C6H8O2	013679-46-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

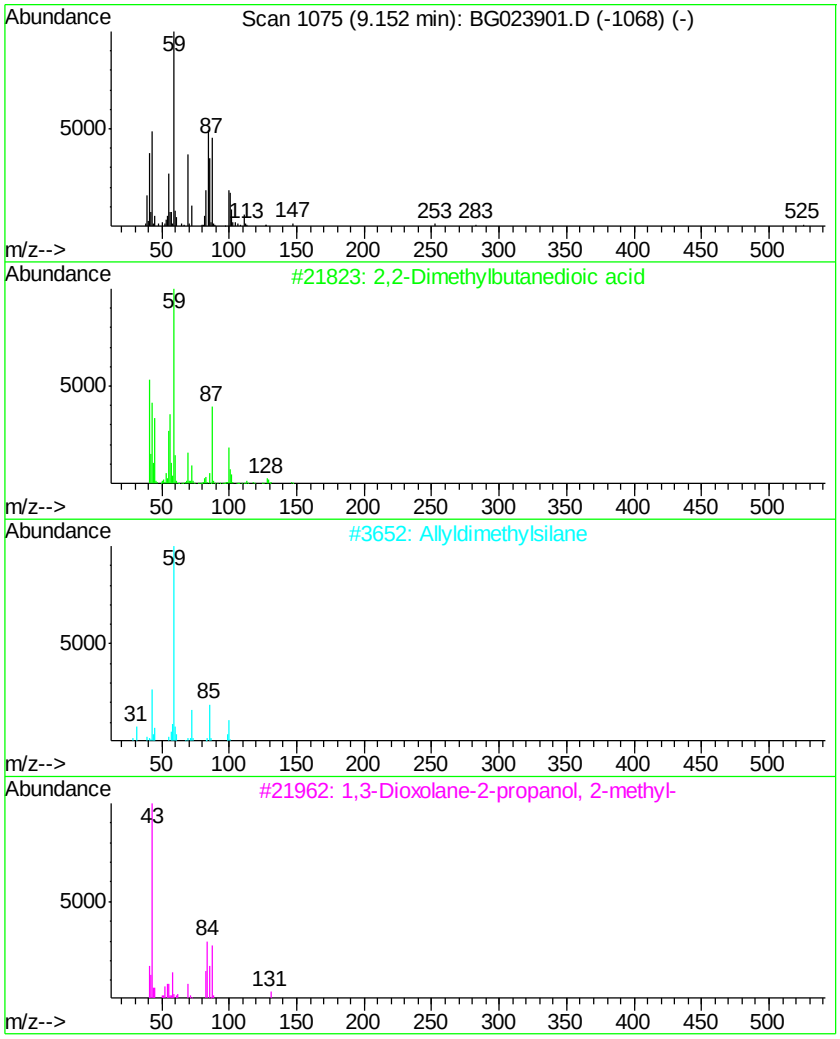
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

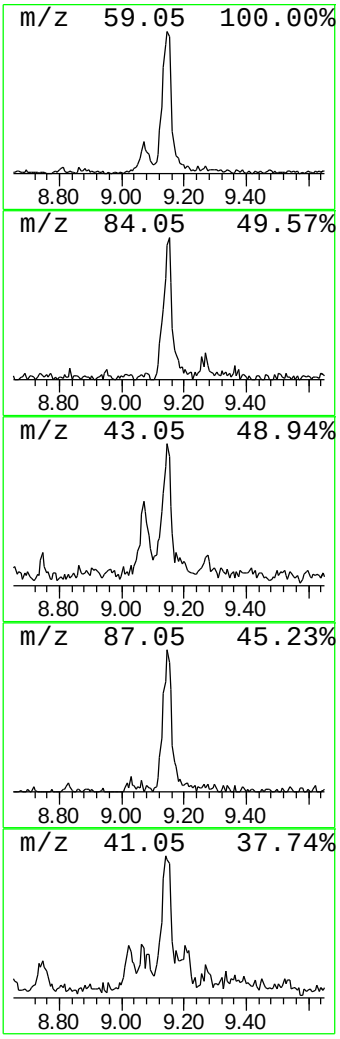
****

Peak Number 7 2,2-Dimethylbutanedioic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	4.70 ng	220080	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	50
2	Allyldimethylsilane	100	C5H12Si	003937-30-2	46
3	1,3-Dioxolane-2-propanol, 2-methyl-	146	C7H14O3	029021-98-5	35
4	Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	32
5	Carbomethoxy-2-[carboethoxy]ethy...	224	C7H12O4S2	1000251-20-1	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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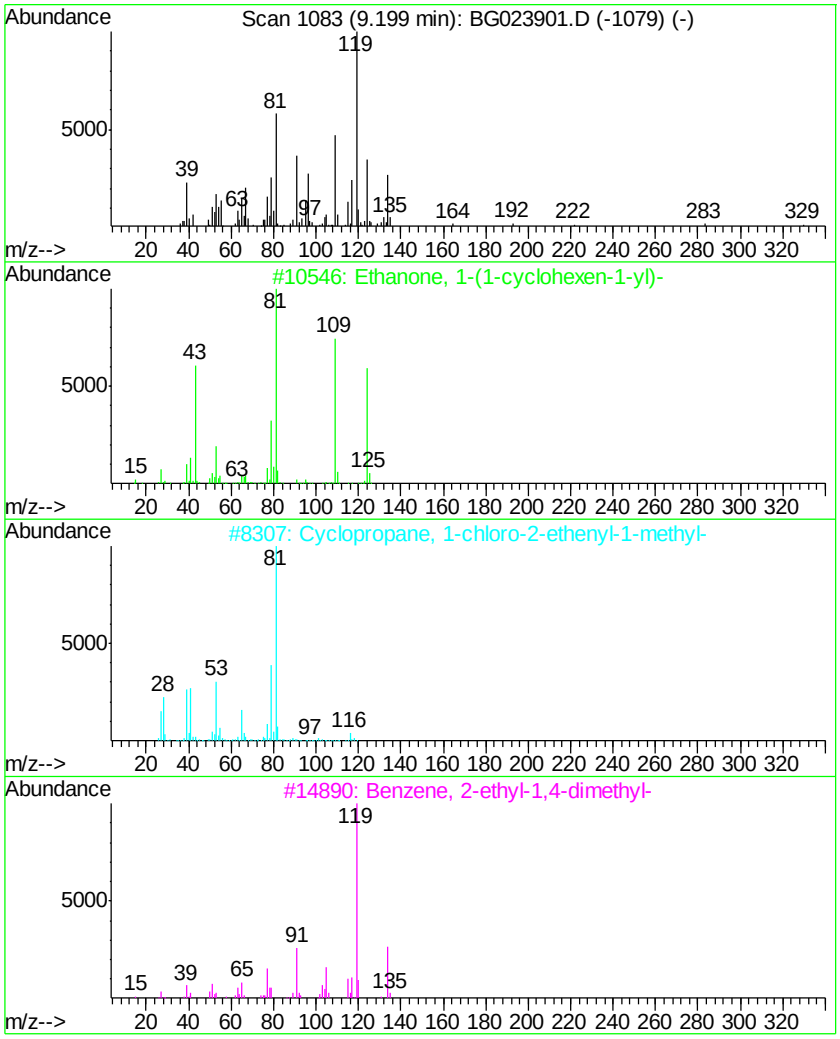
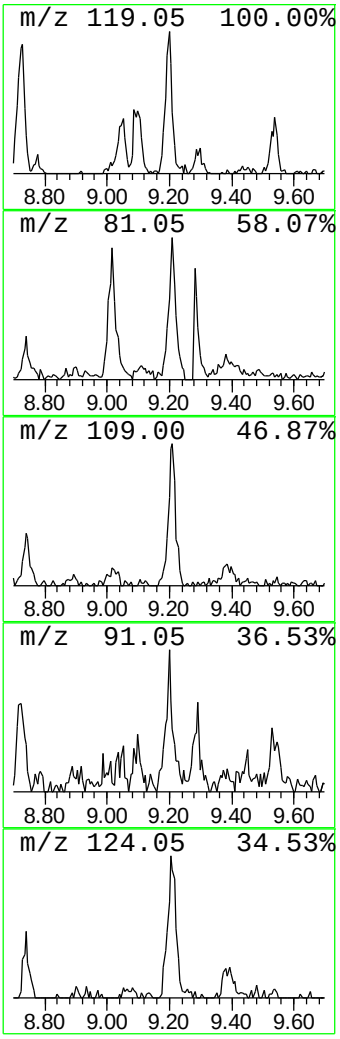
Peak Number 8 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	3.20 ng	149771	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	53
2	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	35
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	25
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

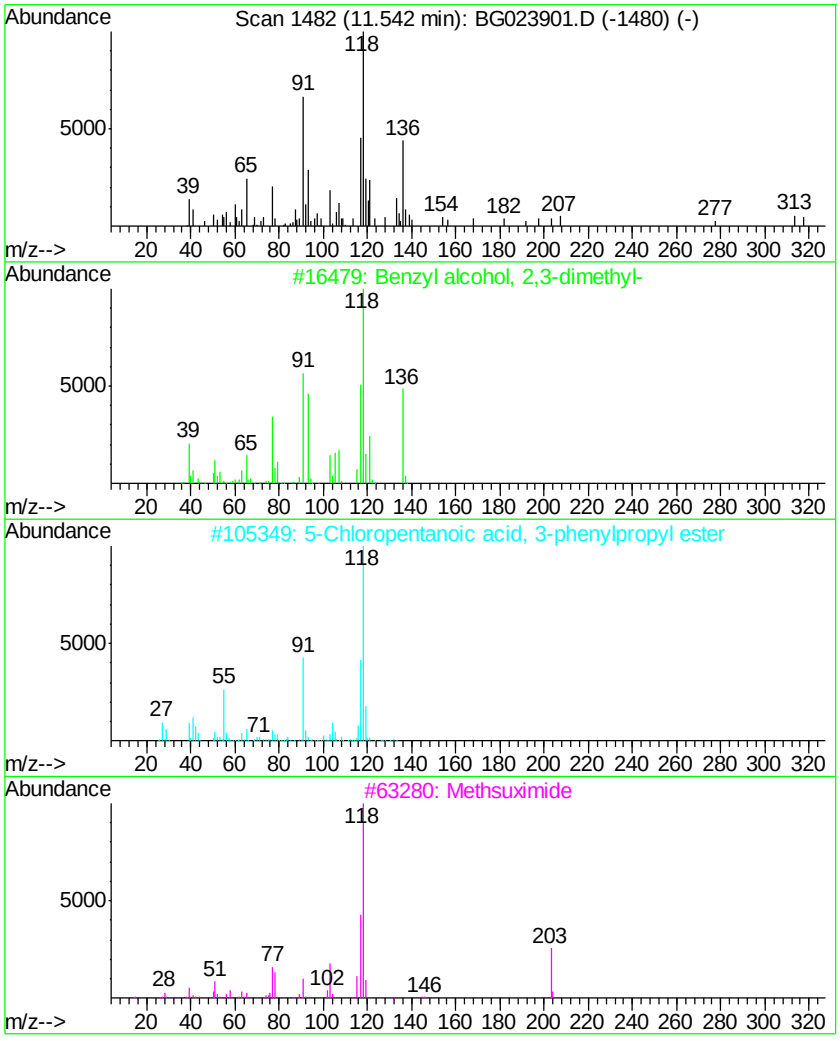
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

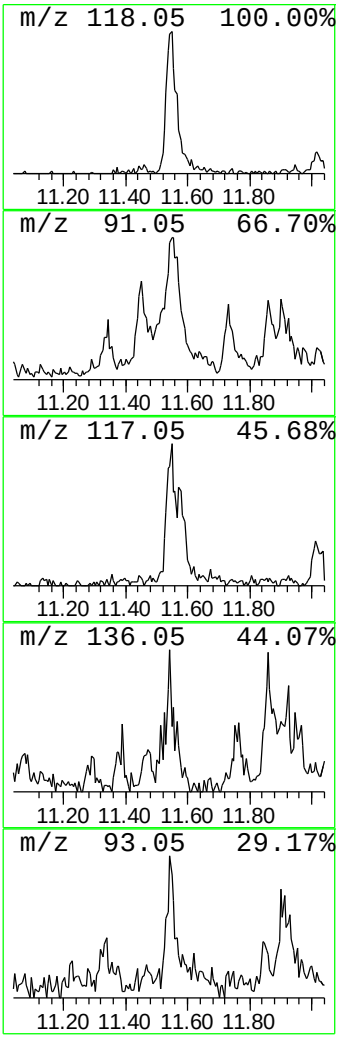
****

Peak Number 9 Benzyl alcohol, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.32 ng	231669	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol, 2,3-dimethyl-	136	C9H12O	013651-14-4	59
2	5-Chloropentanoic acid, 3-phenyl...	254	C14H19ClO2	1000293-49-2	50
3	Methsuximide	203	C12H13NO2	000077-41-8	47
4	1-Pentanamine, N-(phenylmethylene)-	175	C12H17N	022710-00-5	47
5	Glutaric acid, ethyl 3-phenylpro...	278	C16H22O4	1000360-12-9	40





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Data File : BG023901.D
Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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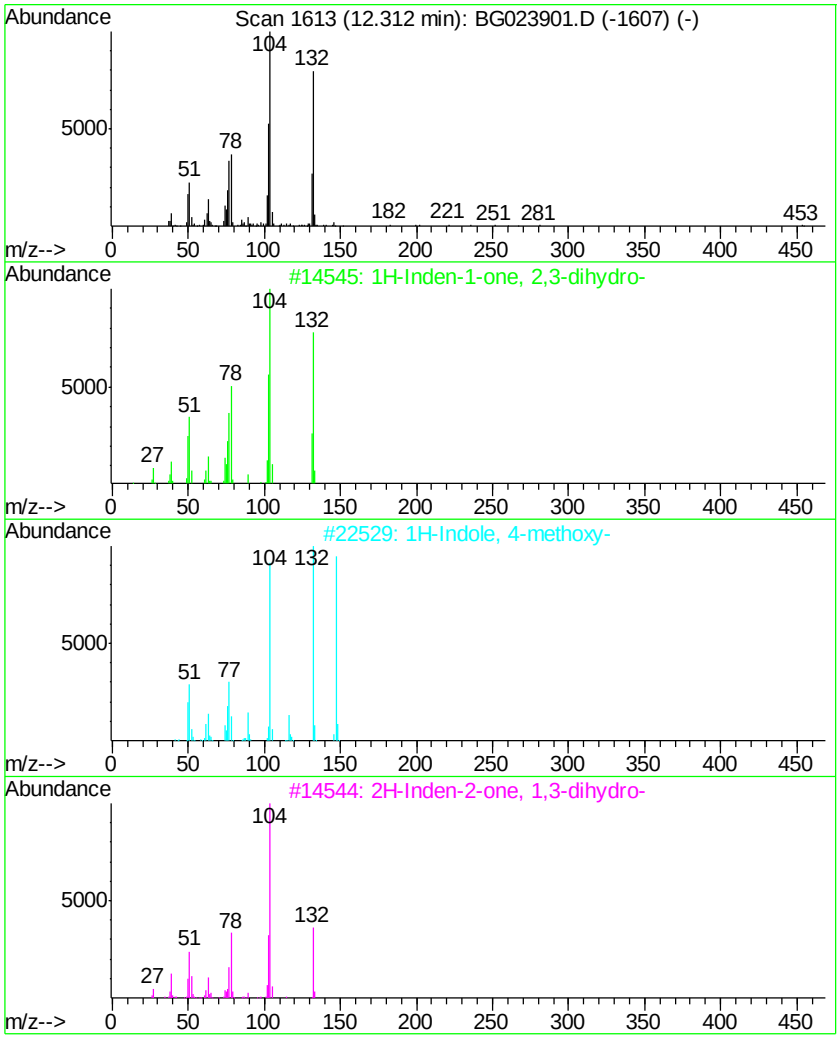
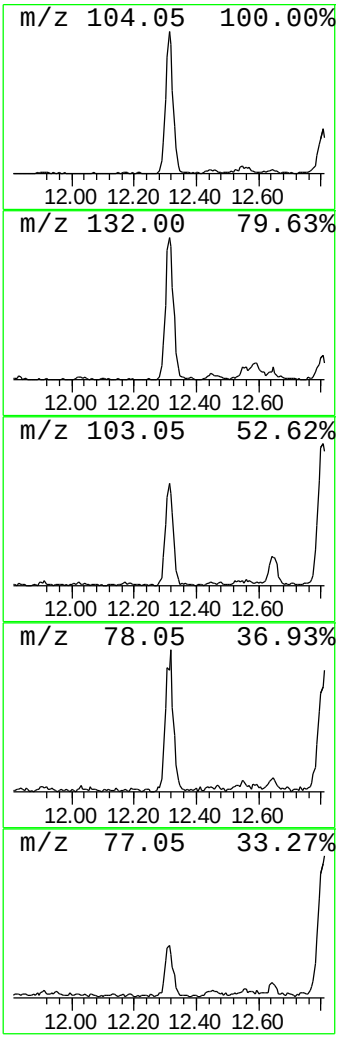
Peak Number 10 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.97 ng	486059	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Indole, 4-methoxy-	147	C9H9NO	004837-90-5	59
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	49
5	Styrene	104	C8H8	000100-42-5	49





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Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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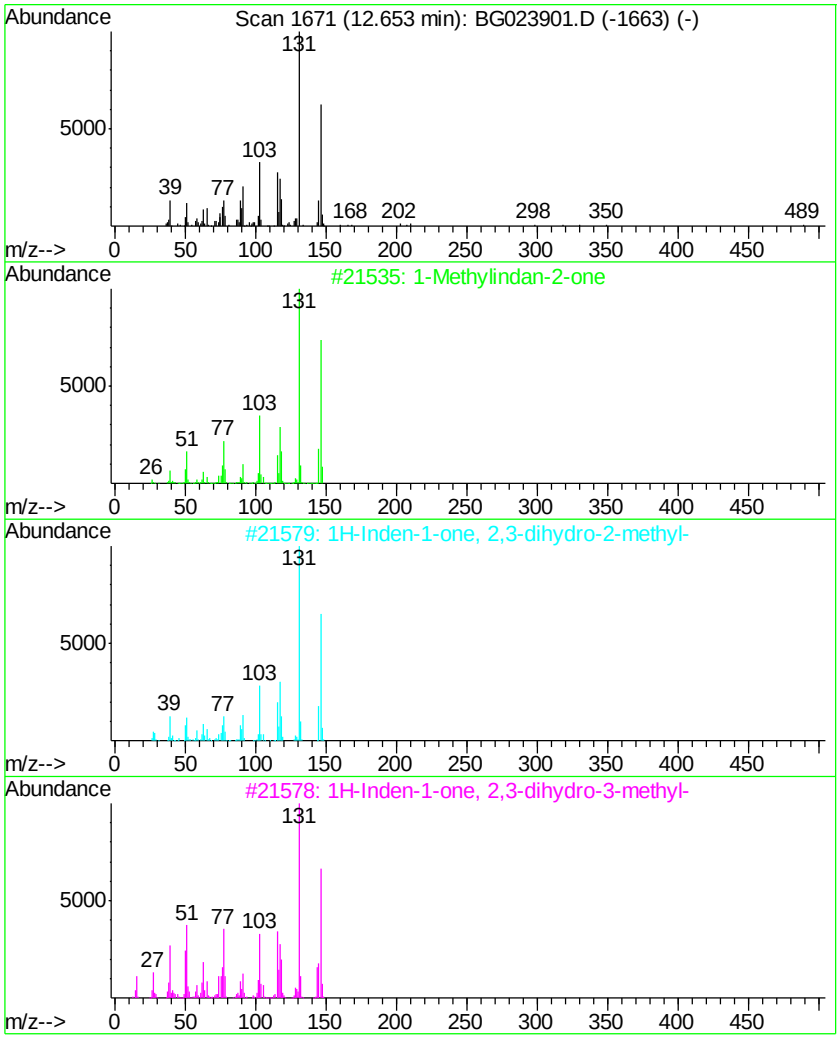
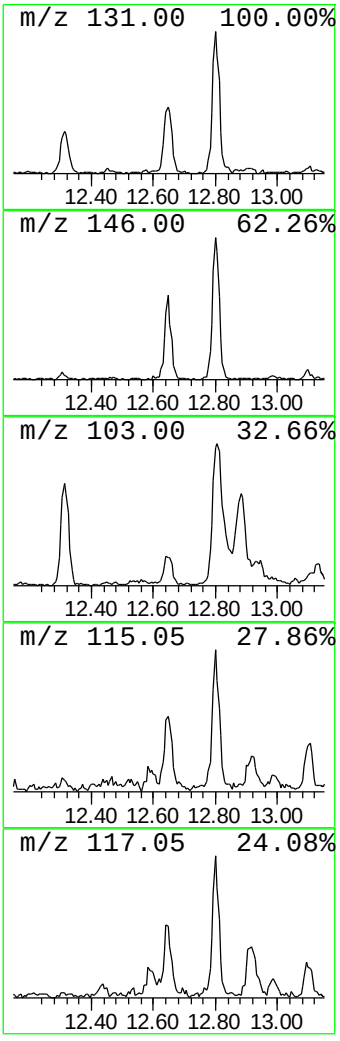
Peak Number 11 1-Methylindan-2-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.98 ng	208069	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	87
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59
5	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	42





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Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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TIC Library : C:\DATABASE\NIST11.L
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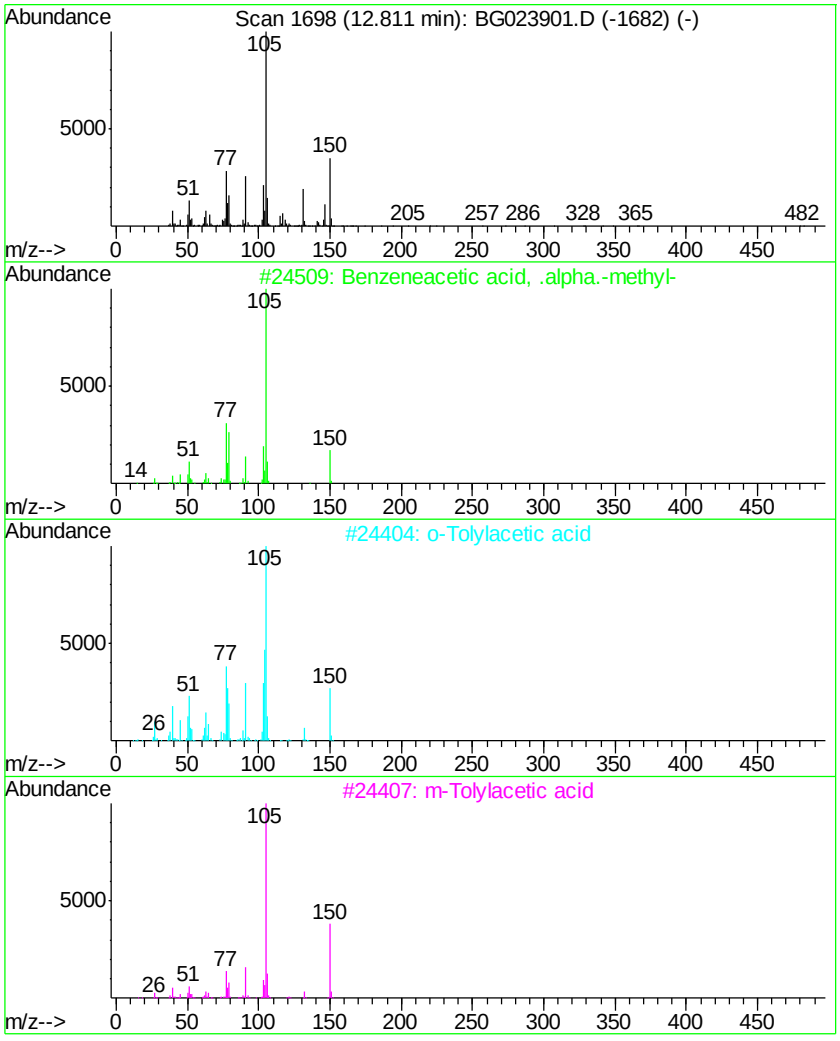
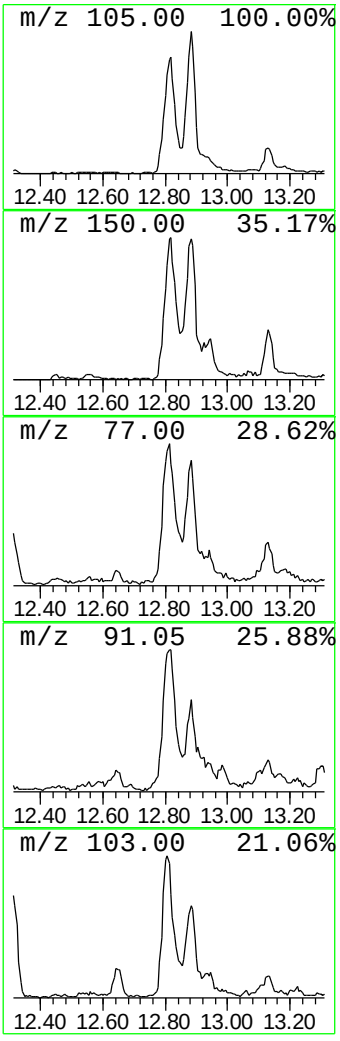
Peak Number 12 Benzeneacetic acid, .alpha.... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	29.66 ng	2067660	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	64
2	o-Tolylacetic acid	150	C9H10O2	000644-36-0	49
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	49
4	3-Phenyl-1-butanol	150	C10H14O	002722-36-3	43
5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	43





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Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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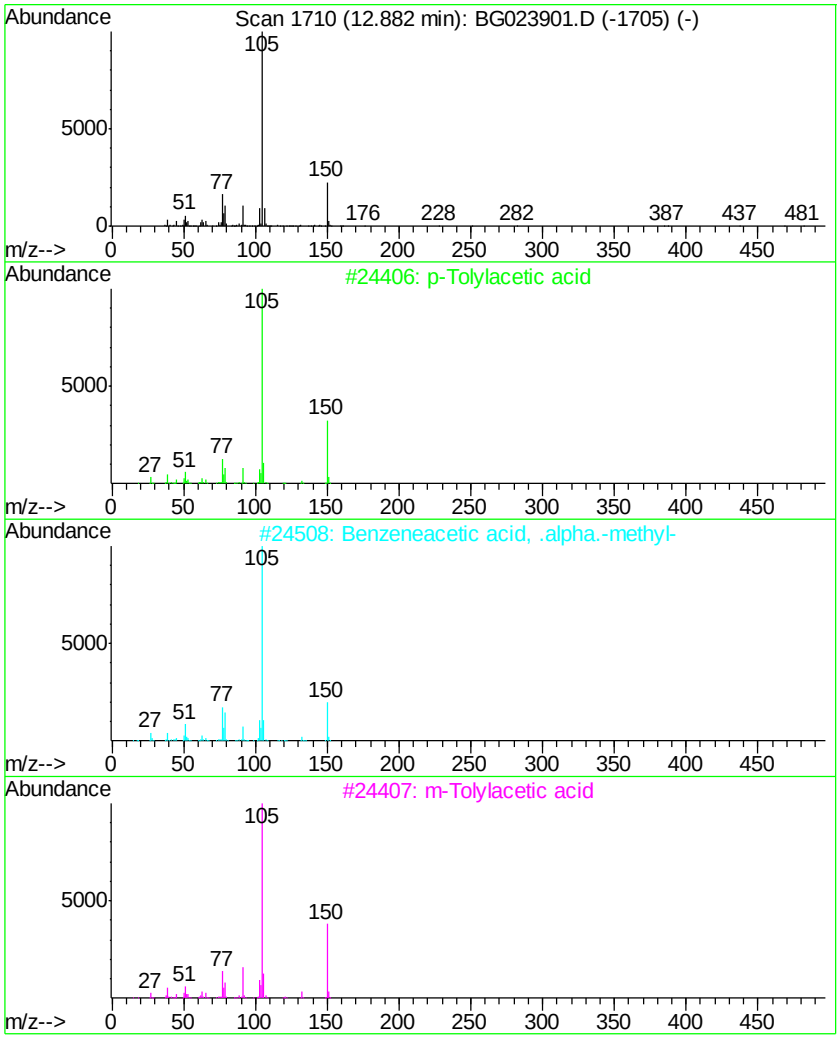
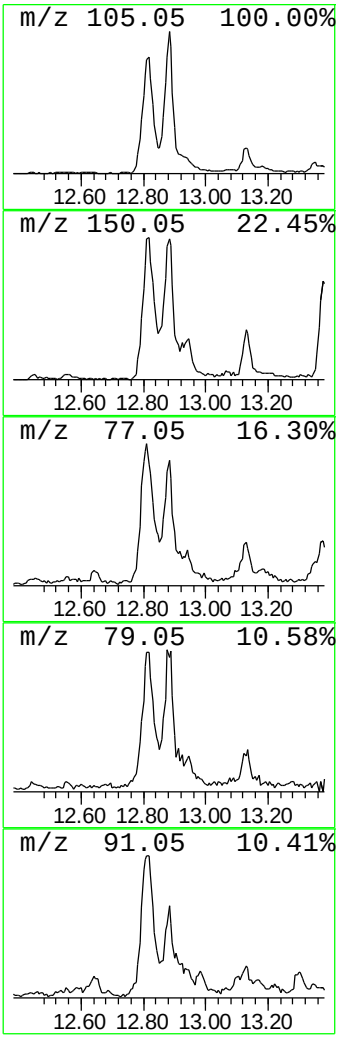
Peak Number 13 p-Tolylacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	8.81 ng	871879	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Tolylacetic acid	150	C9H10O2	000622-47-9	91
2	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	81
4	Formic acid, (4-methylphenyl)met...	150	C9H10O2	1000368-93-7	72
5	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	53





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Acq On : 25 Aug 2016 19:49
Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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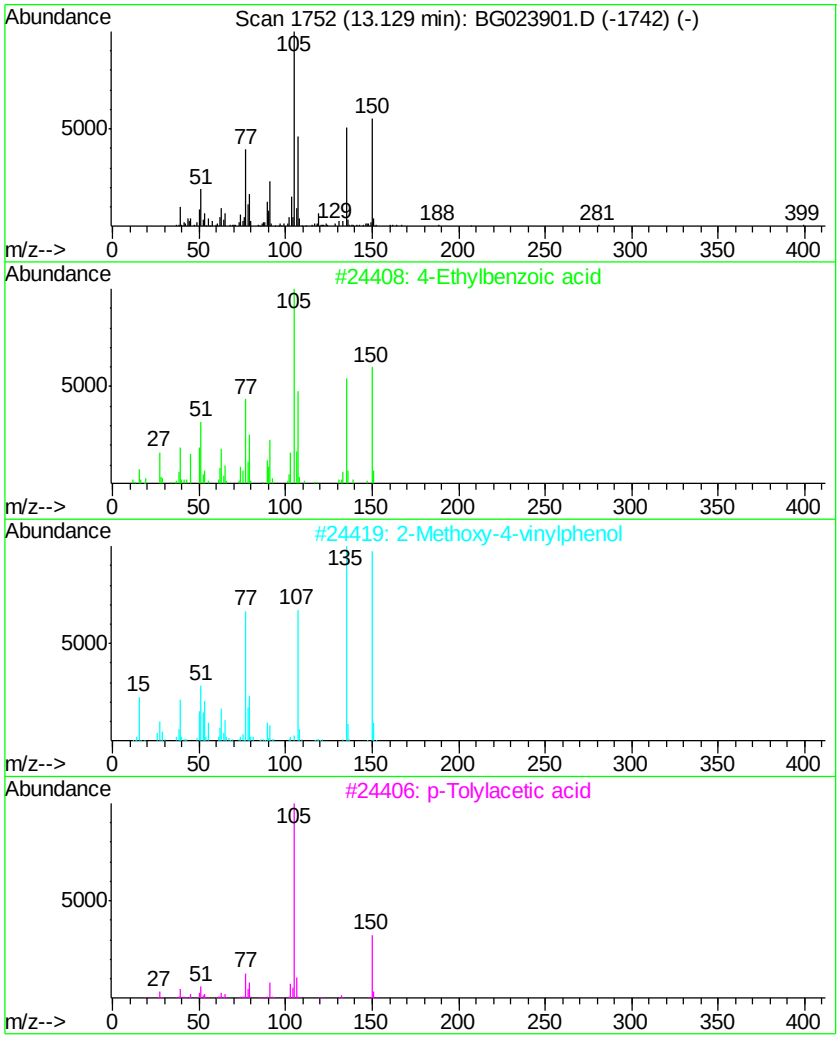
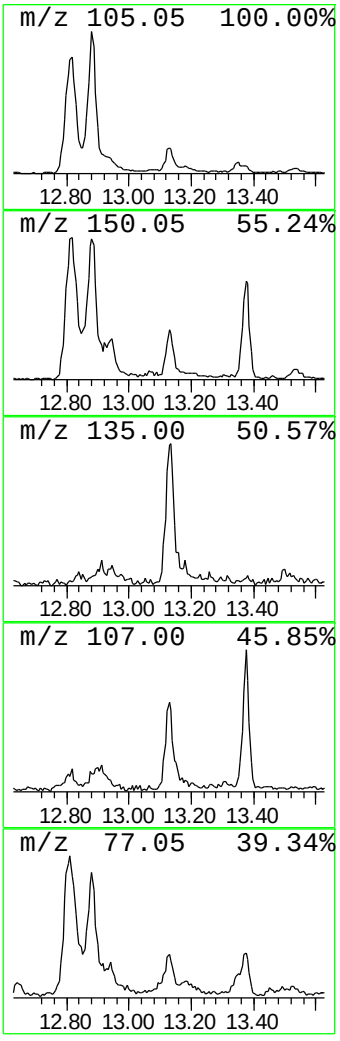
Peak Number 14 4-Ethylbenzoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.31 ng	426765	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	90
2	2-Methoxy-4-vinylphenol	150	C9H10O2	007786-61-0	89
3	p-Tolylacetic acid	150	C9H10O2	000622-47-9	50
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	49
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49





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Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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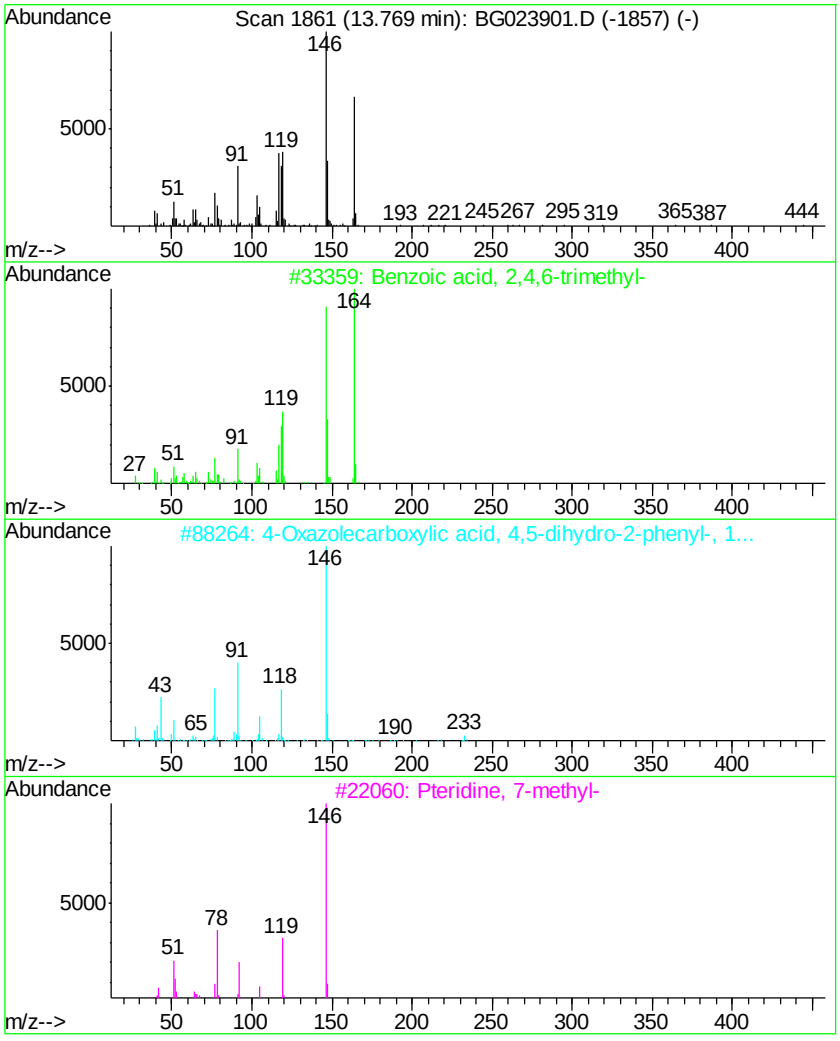
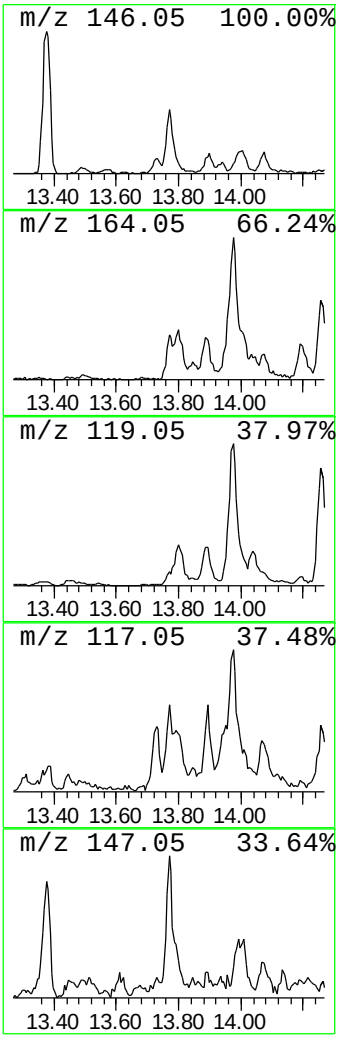
Peak Number 15 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.63 ng	259801	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	91
2	4-Oxazolecarboxylic acid, 4,5-di...	233	C13H15NO3	037592-54-4	35
3	Pteridine, 7-methyl-	146	C7H6N4	000936-40-3	35
4	1H-Indole, 2,3-dihydro-5-nitro-	164	C8H8N2O2	032692-19-6	27
5	2-Propenoic acid, 3-(3-hydroxyph...	164	C9H8O3	014755-02-3	25





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-15R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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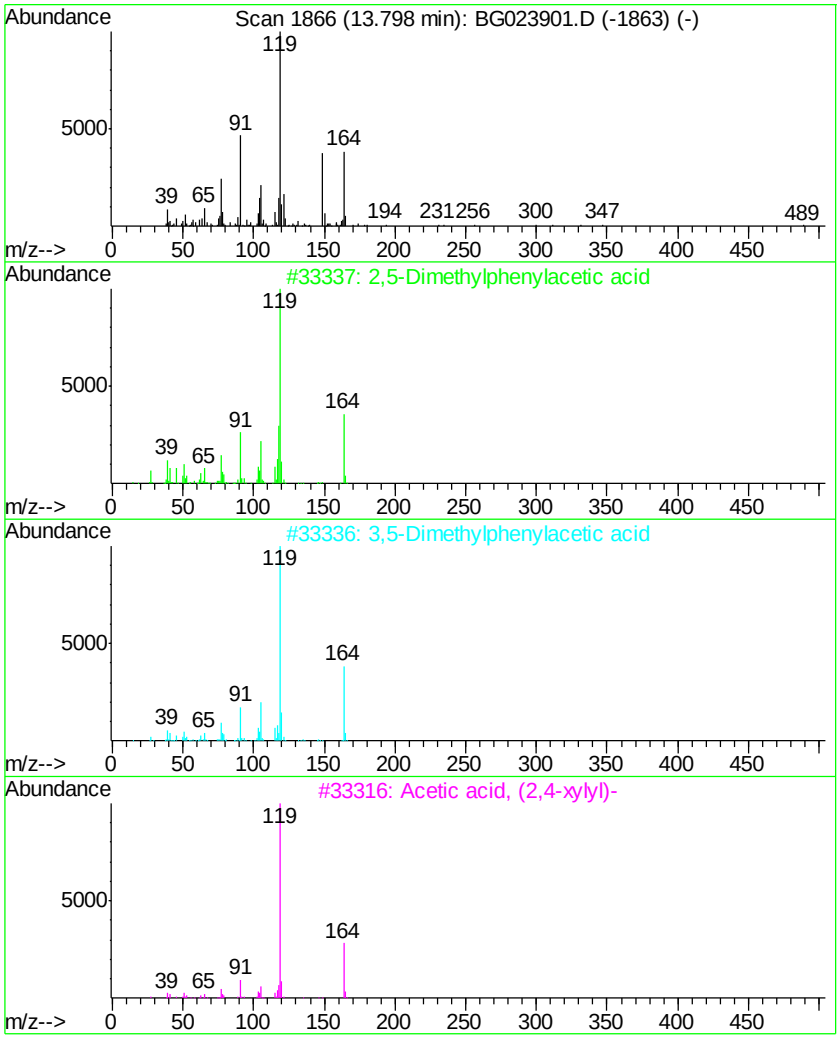
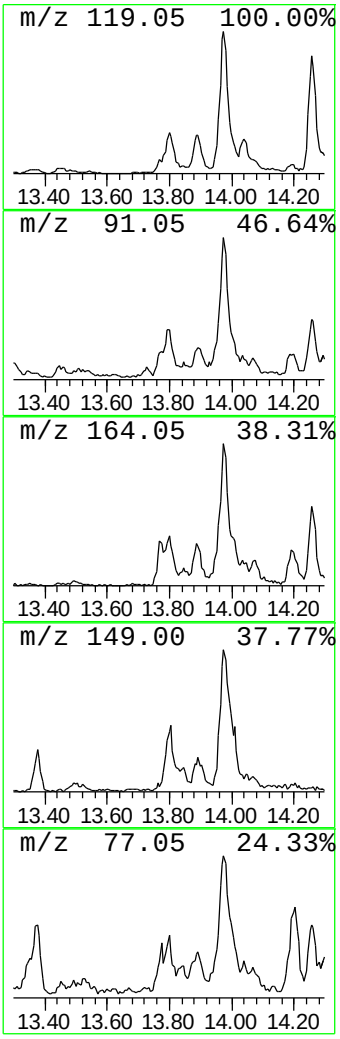
Peak Number 16 2,5-Dimethylphenylacetic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.16 ng	312917	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	64
2	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	64
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	50
4	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	50
5	N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	38





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Operator : UM/SJ
Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

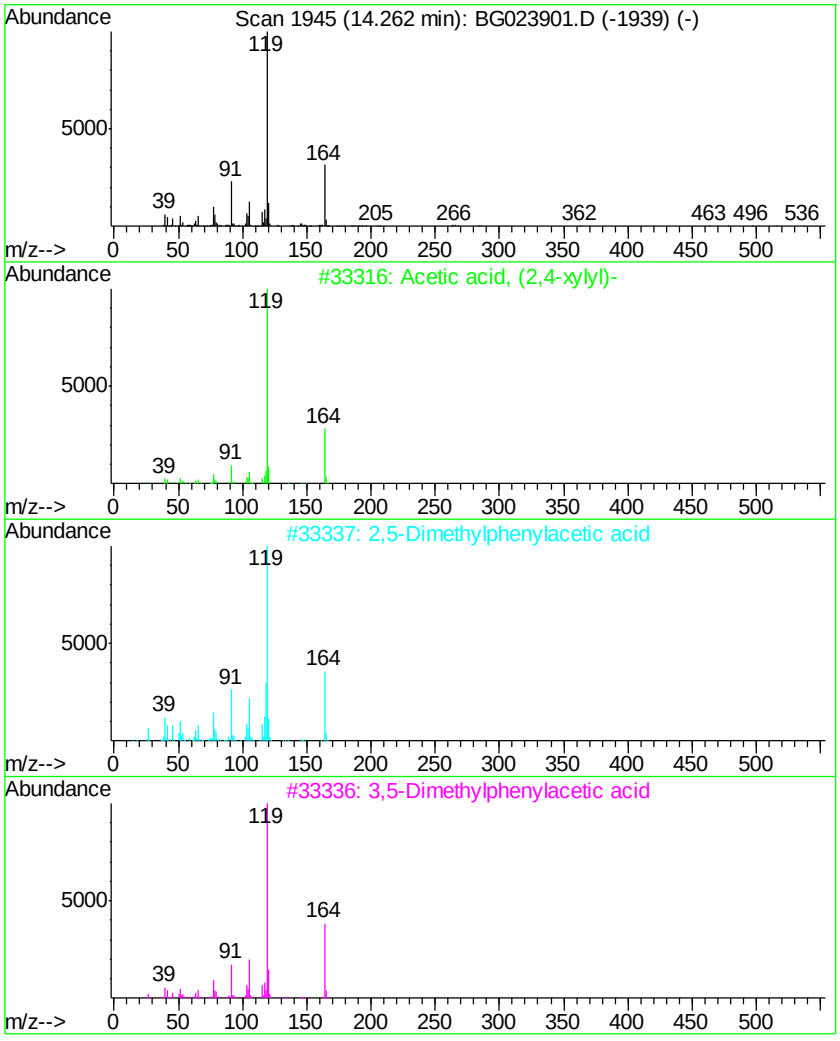
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

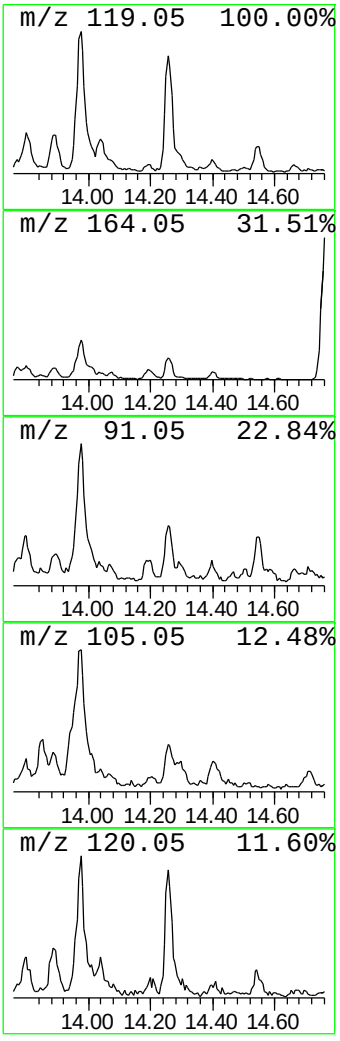
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Acetic acid, (2,4-xylyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.14 ng	508812	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	86
2	2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	83
3	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	76
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	74
5	o-Cymene	134	C10H14	000527-84-4	59





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Sample : H4592-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15R

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

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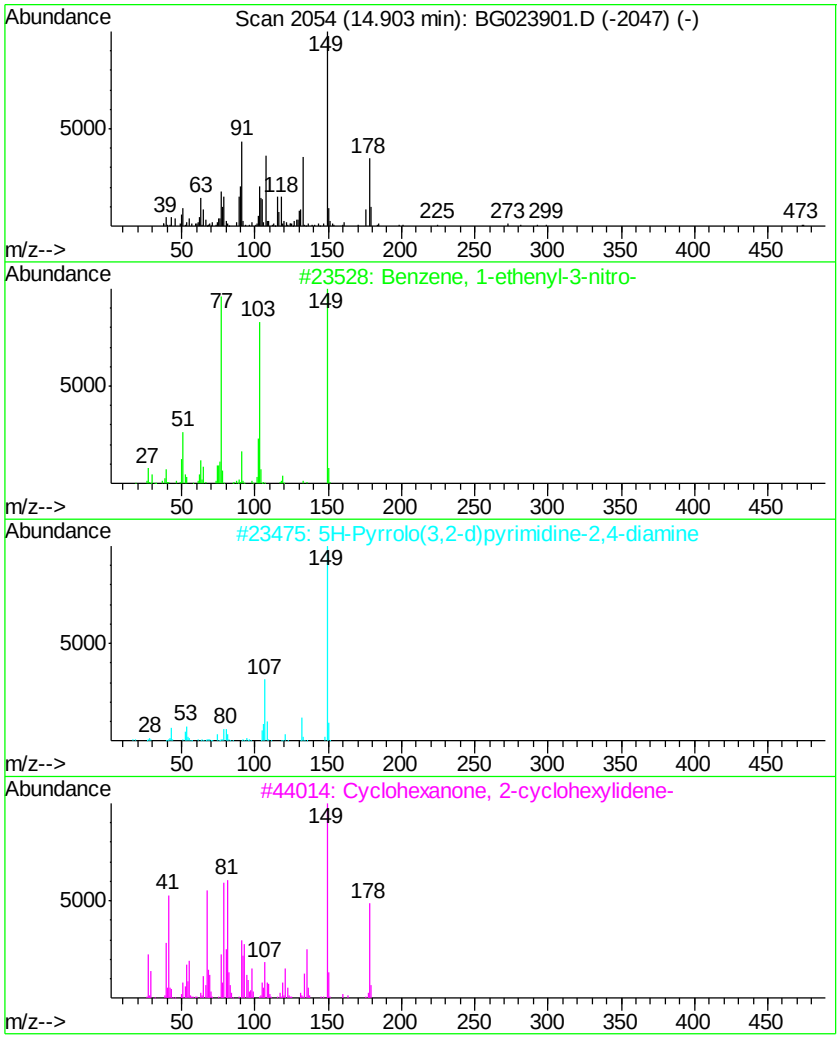
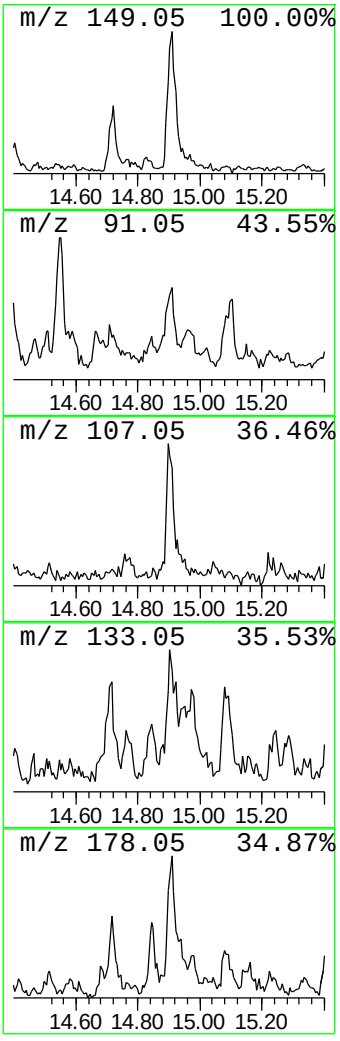
Peak Number 20 unknown14.90 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.49 ng	345764	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	43
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	43
3	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	43
4	3-Nitrophenethyl alcohol, pentaf...	313	C11H8F5NO4	1000364-56-0	38
5	Benzenepropanoic acid, .beta.-br...	228	C9H9BrO2	015463-91-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
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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
2-Pentanone, 4-hy...	5.16	8.4	ng	392704	1	8.09	935599	20.0
Benzene, 1-ethyl-...	7.47	3.0	ng	139946	1	8.09	935599	20.0
unknown7.62	7.62	70.4	ng	3293250	1	8.09	935599	20.0
Benzene, 1-ethyl-...	8.20	3.4	ng	158707	1	8.09	935599	20.0
2-Cyclopenten-1-o...	9.02	3.0	ng	140552	1	8.09	935599	20.0
2,2-Dimethylbutan...	9.15	4.7	ng	220080	1	8.09	935599	20.0
Ethanone, 1-(1-cy...	9.20	3.2	ng	149771	1	8.09	935599	20.0
Benzyl alcohol, 2...	11.54	3.3	ng	231669	2	10.93	1394420	20.0
1H-Inden-1-one, 2...	12.31	7.0	ng	486059	2	10.93	1394420	20.0
1-Methylindan-2-one	12.65	3.0	ng	208069	2	10.93	1394420	20.0
Benzeneacetic aci...	12.81	29.7	ng	2067660	2	10.93	1394420	20.0
p-Tolylacetic acid	12.88	8.8	ng	871879	3	14.76	1979130	20.0
4-Ethylbenzoic acid	13.13	4.3	ng	426765	3	14.76	1979130	20.0
Benzoic acid, 2,4...	13.77	2.6	ng	259801	3	14.76	1979130	20.0
2,5-Dimethylpheny...	13.80	3.2	ng	312917	3	14.76	1979130	20.0
Acetic acid, (2,4...	14.26	5.1	ng	508812	3	14.76	1979130	20.0
unknown14.90	14.90	3.5	ng	345764	3	14.76	1979130	20.0