LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

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-BG122116.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	3.345	79	86	94	rBV4	52711	110048	1.34%	0.150%
2	3.498	105	112	113	rBV6	89032	171034	2.08%	0.233%
3	3.639	132	136	142	rVB2	76629	130930	1.59%	0.178%
4	3.997	187	197	203	rBV7	45236	136442	1.66%	0.186%
5	4.074	203	210	215	rVV2	165206	309614	3.76%	0.421%
6	4.126	215	219	229	rVB2	70405	154294	1.87%	0.210%
7	4.314	246	251	253	rBV	98916	140586	1.71%	0.191%
8	4.344	253	256	264	rVB3	103550	168724	2.05%	0.229%
9	4.814	327	336	341	rBV4	49685	101553	1.23%	0.138%
10	5.260	407	412	420	rVB2	196950	318192	3.86%	0.433%
11	5.660	473	480	488	rBV	1926697	3235273	39.25%	4.400%
12	5.742	488	494	498	rVV	618963	1070737	12.99%	1.456%
13	5.801	498	504	517	rVB	2343496	6148395	74.60%	8.363%
14	6.177	560	568	573	rBV	172156	297808	3.61%	0.405%
15	6.653	642	649	661	rVB	318383	519510	6.30%	0.707%
16	7.152	726	734	747	rVB	562516	945511	11.47%	1.286%
17	7.323	756	763	767	rBV	1444297	2453415	29.77%	3.337%
18	7.358	767	769	774	rVV2	416636	741696	9.00%	1.009%
19	7.393	774	775	783	rVB	225625	272908	3.31%	0.371%
20	7.569	798	805	812	rBV	807153	1363428	16.54%	1.854%
21	7.728	825	832	843	rBV	1151013	2150157	26.09%	2.925%
22	7.828	843	849	858	rVB	299103	528057	6.41%	0.718%
23	8.204	905	913	920	rBV2	252808	501296	6.08%	0.682%
24	8.304	920	930	938	rVB	257528	499642	6.06%	0.680%
25	8.463	949	957	961	rBV	189788	368659	4.47%	0.501%
26	8.527	961	968	972	rVV	1088286	2060910	25.00%	2.803%
27	8.568	972	975	985	rVB	686884	1169125	14.18%	1.590%
28	8.674	985	993	999	rBV	464179	764979	9.28%	1.040%
29	8.739	999	1004	1012	rVB2	133405	250930	3.04%	0.341%
30	8.827	1012	1019	1023	rBV2	230747	383017	4.65%	0.521%
31	8.880	1023	1028	1037	rVB3	134836	232773	2.82%	0.317%
32	8.991	1041	1047	1052	rBV	225217	354655	4.30%	0.482%
33	9.138	1062	1072	1079	rBV	538949	951830	11.55%	1.295%
34	9.297	1090	1099	1107	rBV3	1438994	2724915	33.06%	3.706%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

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-BG122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.385	1107	1114	1123	rVB2	2041596	3746297	45.45%	5.096%
36	9.632	1150	1156	1166	rBV	163639	303600	3.68%	0.413%
37	9.826	1182	1189	1194	rBV	872403	1505046	18.26%	2.047%
38	9.884	1194	1199	1207	rVB	569626	950605	11.53%	1.293%
39	9.990	1210	1217	1224	rBV4	41580	99959	1.21%	0.136%
40	10.196	1245	1252	1256	rBV5	50249	93050	1.13%	0.127%
41	10.255	1256	1262	1272	rVB	1191112	2090469	25.36%	2.843%
42	10.407	1280	1288	1302	rBV	2414377	4529707	54.96%	6.161%
43	10.531	1302	1309	1321	rVV8	49047	179971	2.18%	0.245%
44	10.648	1323	1329	1335	rVB3	103862	192746	2.34%	0.262%
45	11.030	1389	1394	1397	rBV	262532	437648	5.31%	0.595%
46	11.077	1397	1402	1408	rVB	683787	1216255	14.76%	1.654%
47	11.206	1419	1424	1433	rVB4	62477	132456	1.61%	0.180%
48	11.671	1494	1503	1509	rVB4	65025	157299	1.91%	0.214%
49	11.923	1538	1546	1552	rVB2	64718	132960	1.61%	0.181%
50	12.111	1571	1578	1583	rBV5	68570	140010	1.70%	0.190%
51	12.194	1589	1592	1603	rVB10	44018	123391	1.50%	0.168%
52	12.382	1619	1624	1630	rBV7	42721	95010	1.15%	0.129%
53	12.564	1650	1655	1661	rVB2	54076	97995	1.19%	0.133%
54	12.669	1661	1673	1680	rBV	757981	1309684	15.89%	1.781%
55	12.887	1697	1710	1717	rBV	613685	1164762	14.13%	1.584%
56	13.445	1798	1805	1813	rVB	2623540	4210326	51.08%	5.727%
57	13.686	1839	1846	1851	rVB9	36259	104279	1.27%	0.142%
58	14.268	1940	1945	1950	rBV	59724	87737	1.06%	0.119%
59	14.826	2033	2040	2047	rBV	537571	887366	10.77%	1.207%
60	15.343	2119	2128	2137	rVB6	35700	112729	1.37%	0.153%
61	16.318	2287	2294	2306	rBV	2721944	4387685	53.24%	5.968%
62	17.575	2501	2508	2514	rBV	714524	1190660	14.45%	1.619%
63	17.922	2557	2567	2571	rBV8	64695	169174	2.05%	0.230%
64	18.410	2646	2650	2659	rVB8	74222	122081	1.48%	0.166%
65	19.279	2791	2798	2801	rBV8	58698	129634	1.57%	0.176%
66	20.155	2938	2947	2953	rBV	6148914	8242071	100.00%	11.210%
67	21.865	3231	3238	3248	rVB	968326	1717275	20.84%	2.336%
68	25.261	3807	3816	3830	rVB	557897	1730618	21.00%	2.354%

Sum of corrected areas: 73521598

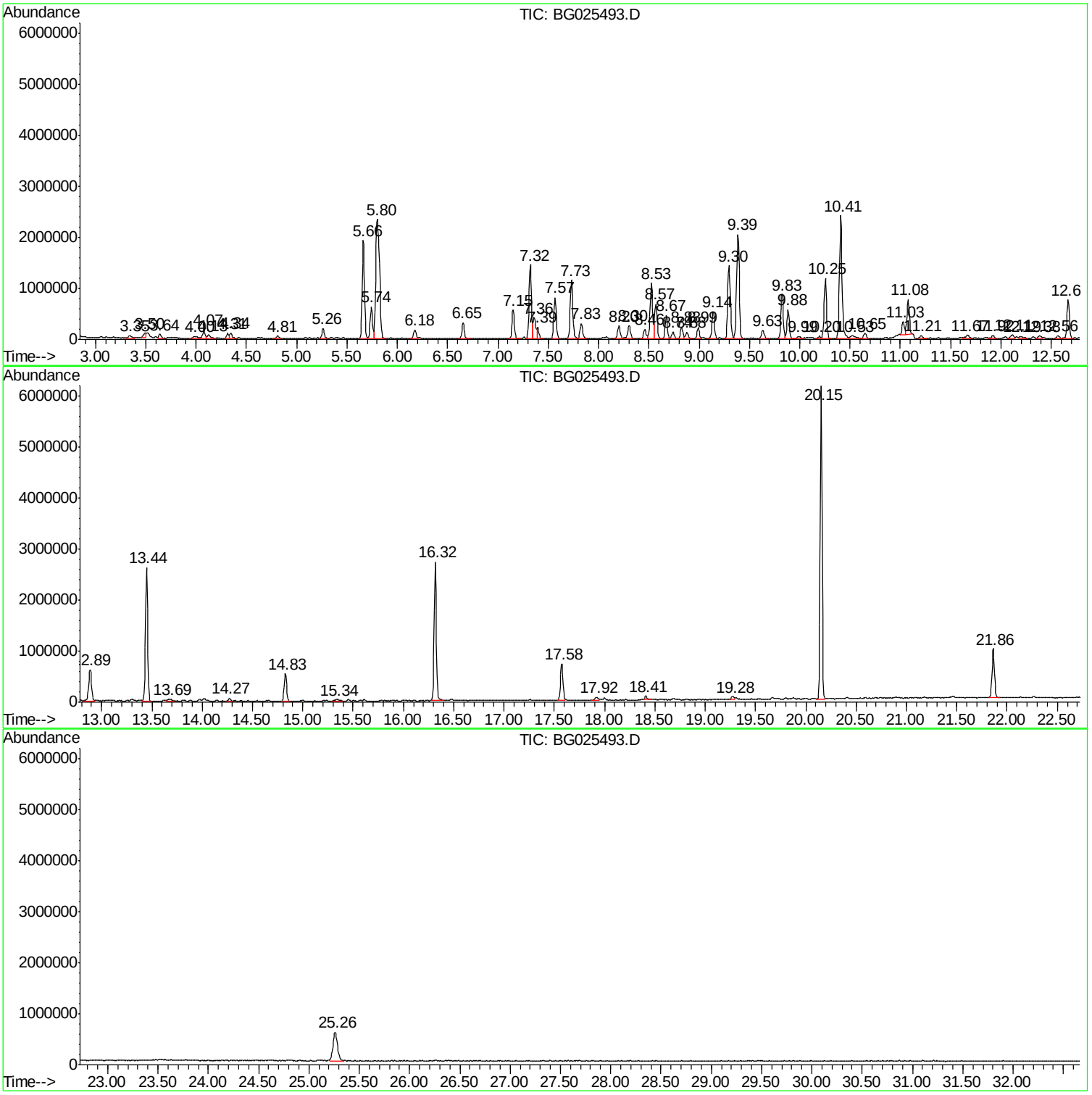
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

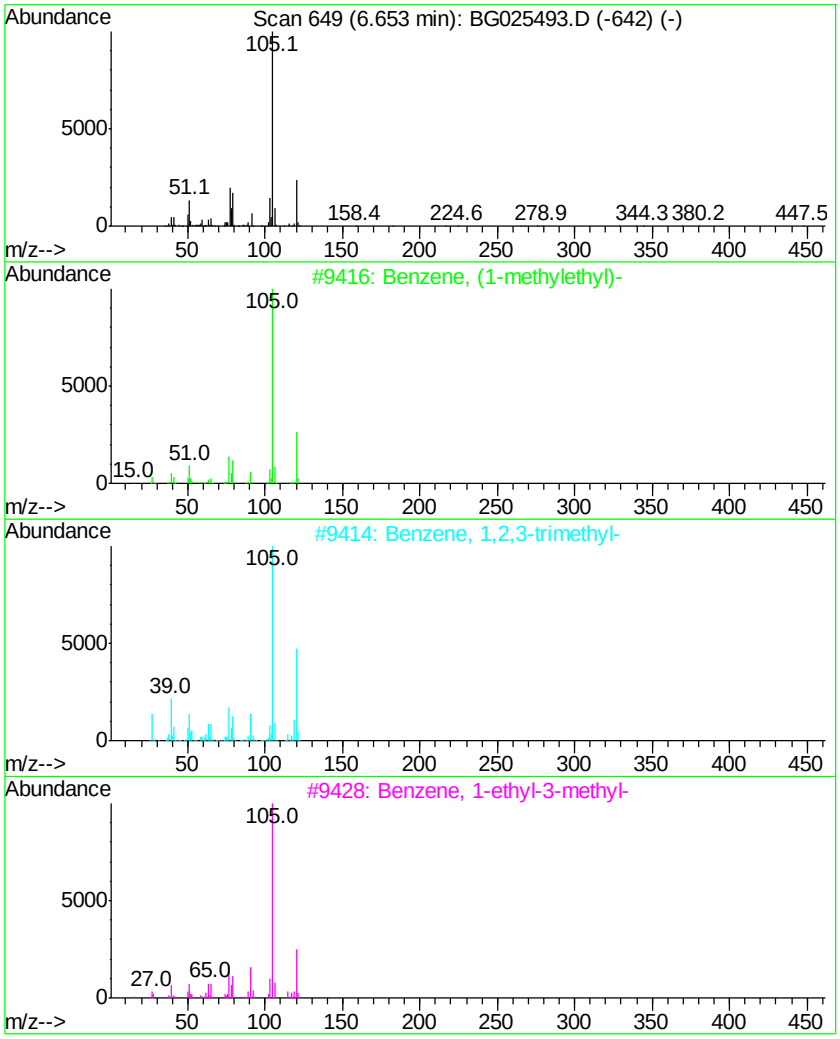
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

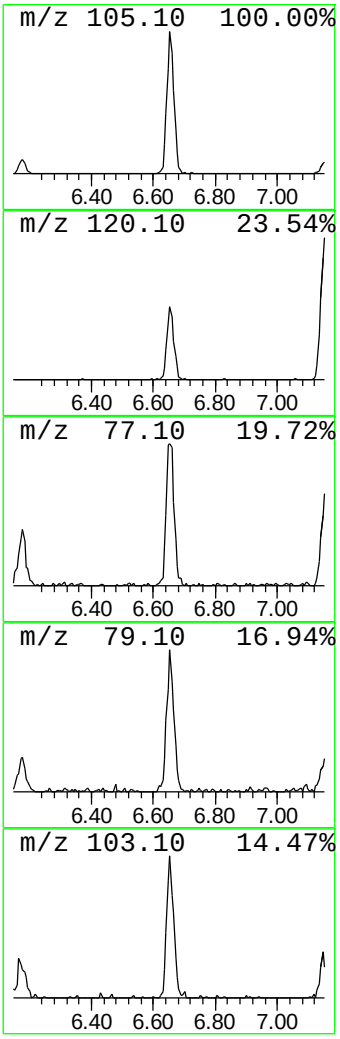
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	20.73 ng	519510	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

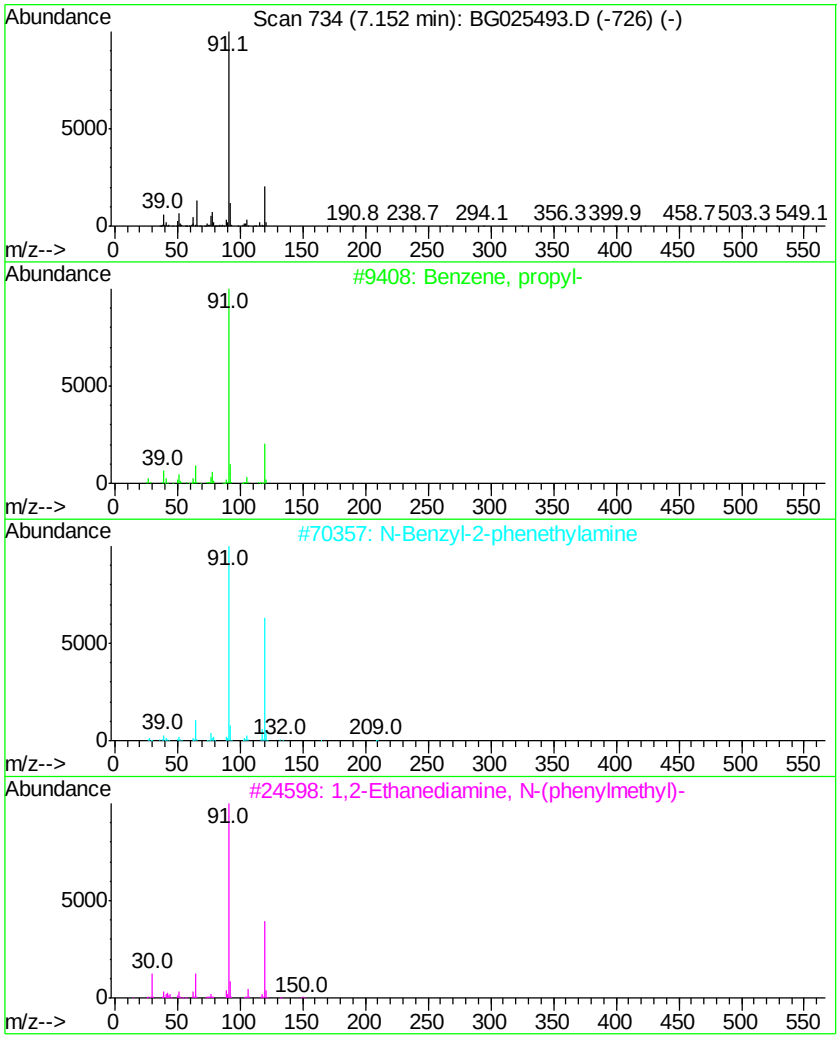
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

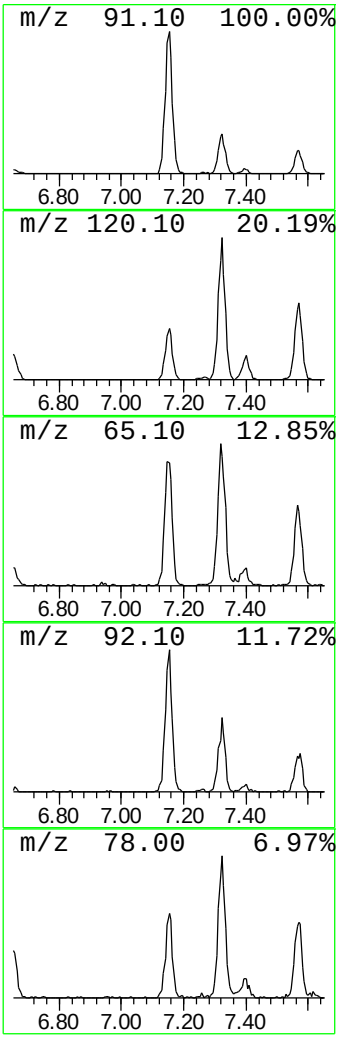
****

Peak Number 4 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	37.72 ng	945511	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	68
5	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

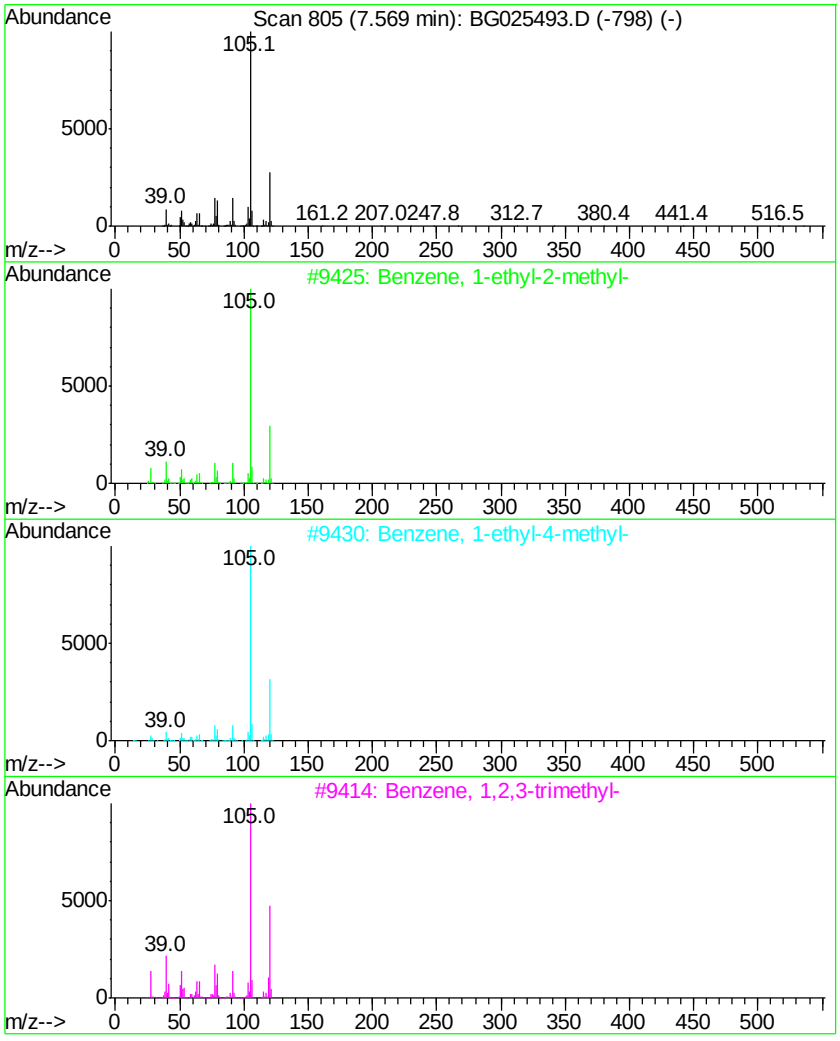
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

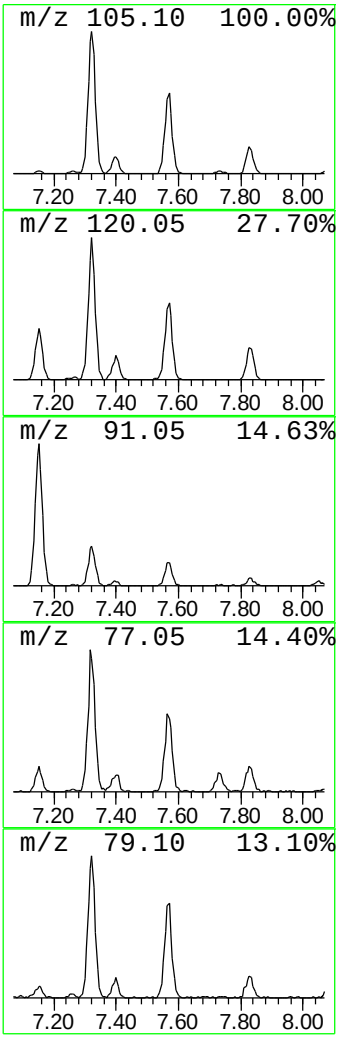
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	54.40 ng	1363430	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

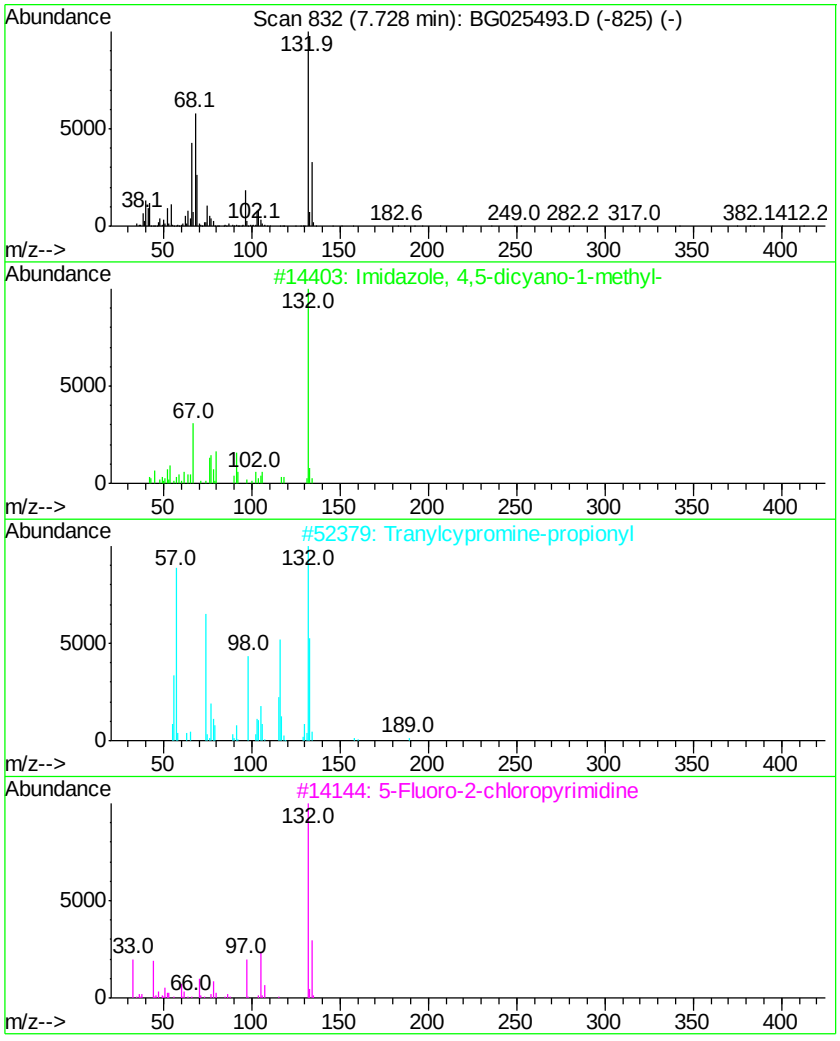
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

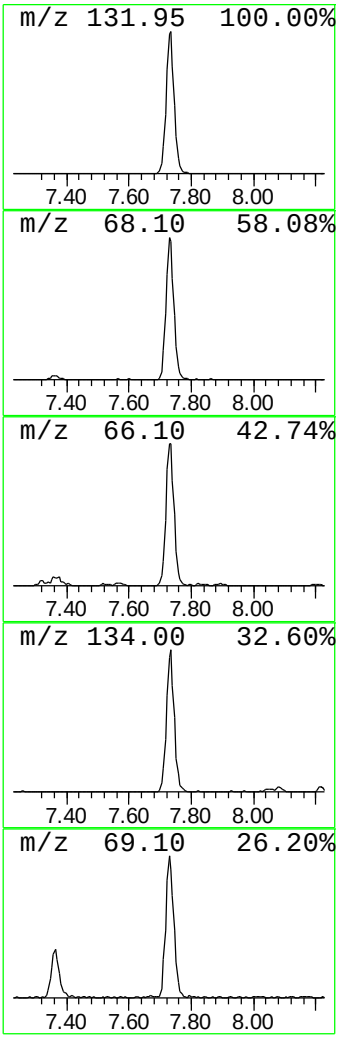
****

Peak Number 6 unknown7.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	85.78 ng	2150160	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	11
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

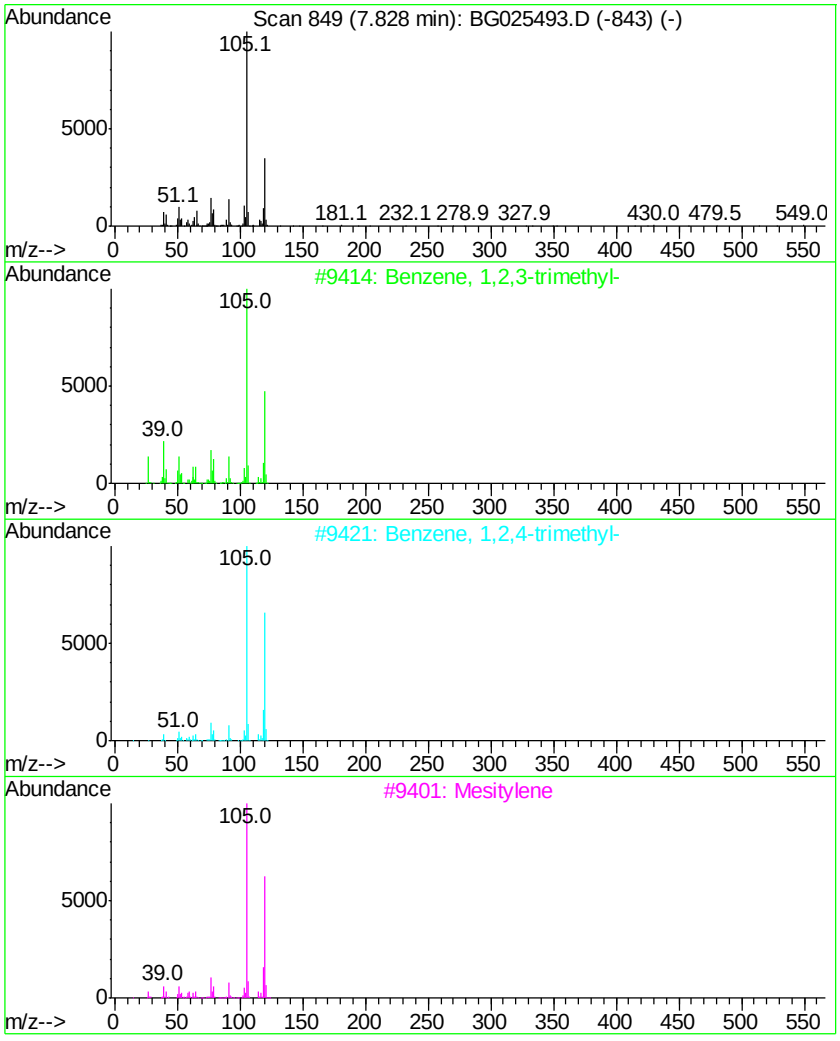
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

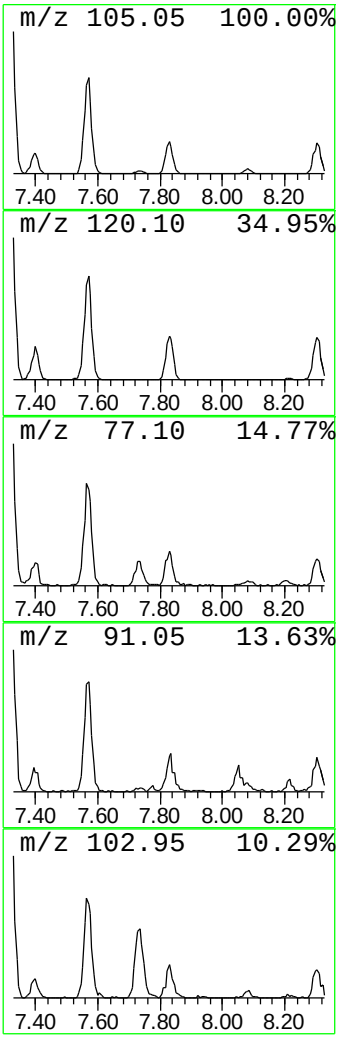
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	21.07 ng	528057	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
3	Mesitylene	120	C9H12	000108-67-8	81
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

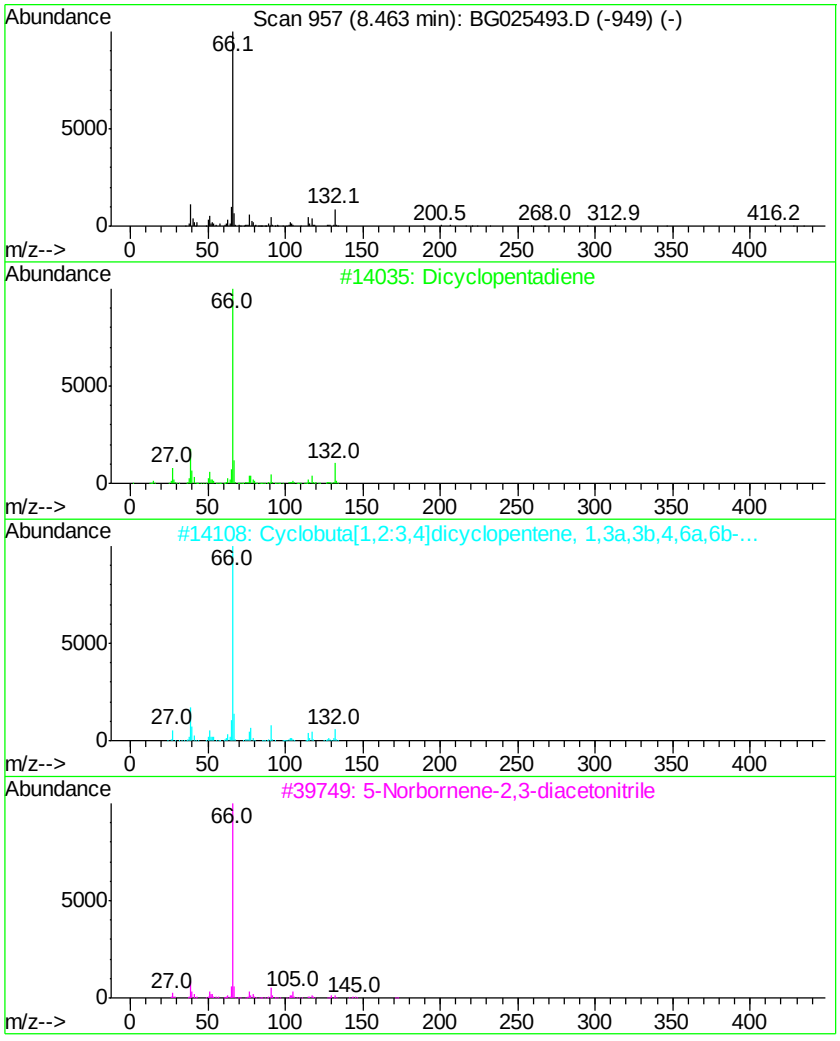
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

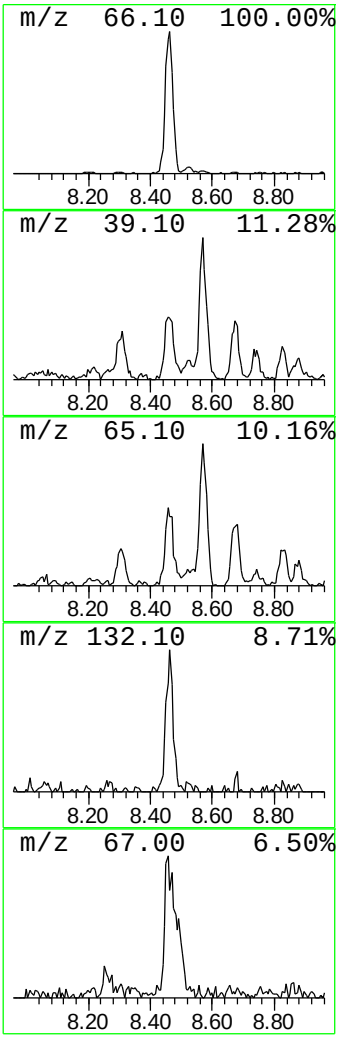
****

Peak Number 9 Dicyclopentadiene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	14.71 ng	368659	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopentadiene	132	C10H12	000077-73-6	90
2	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	90
3	5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	83
4	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	78
5	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

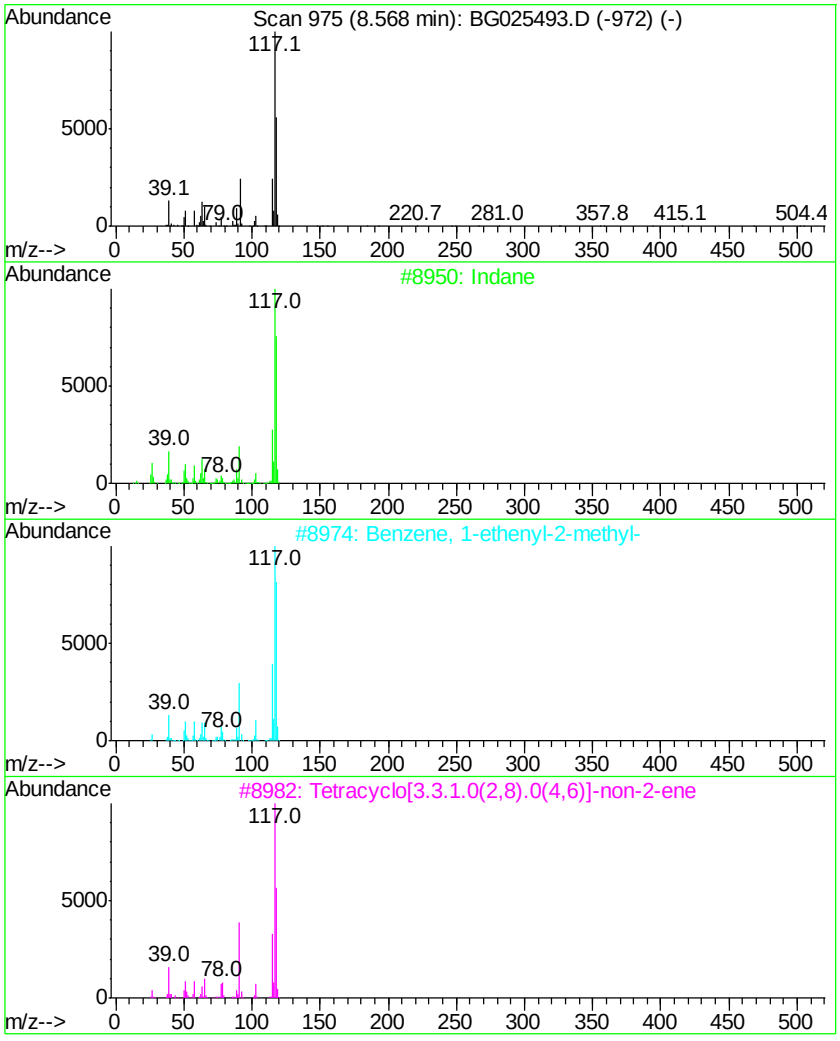
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

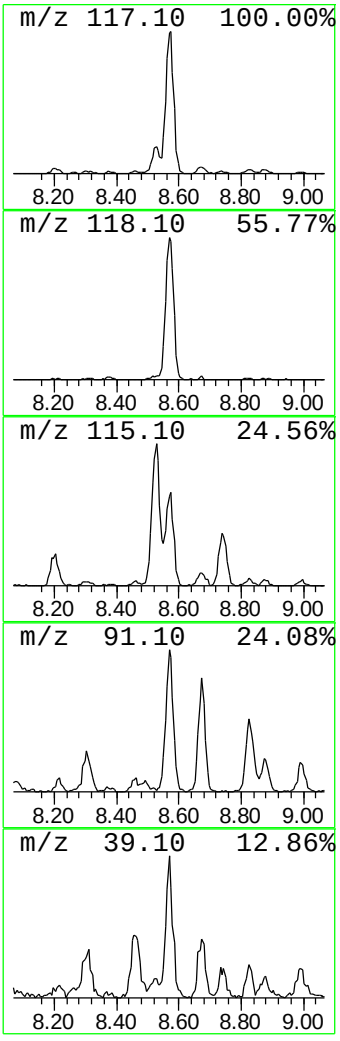
****

Peak Number 11 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	46.64 ng	1169130	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

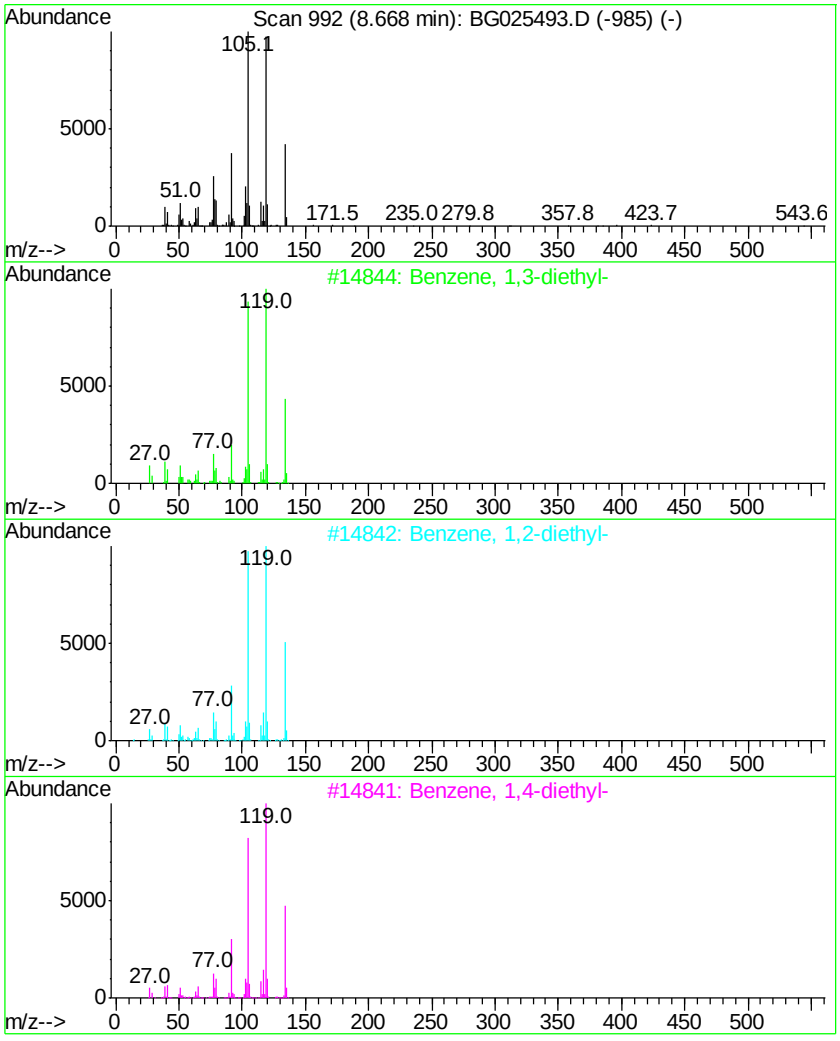
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

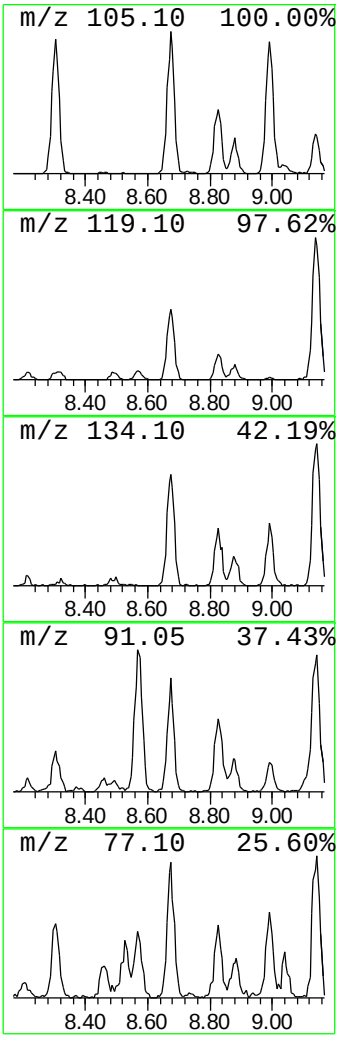
****

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	30.52 ng	764979	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

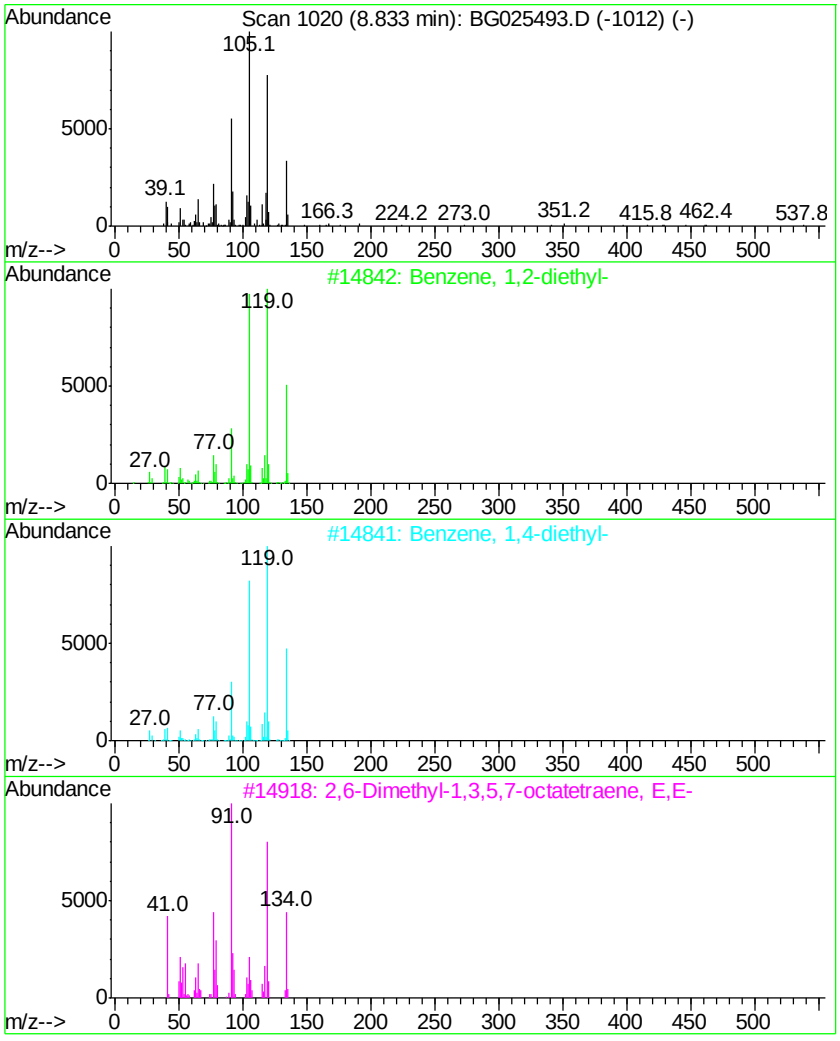
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

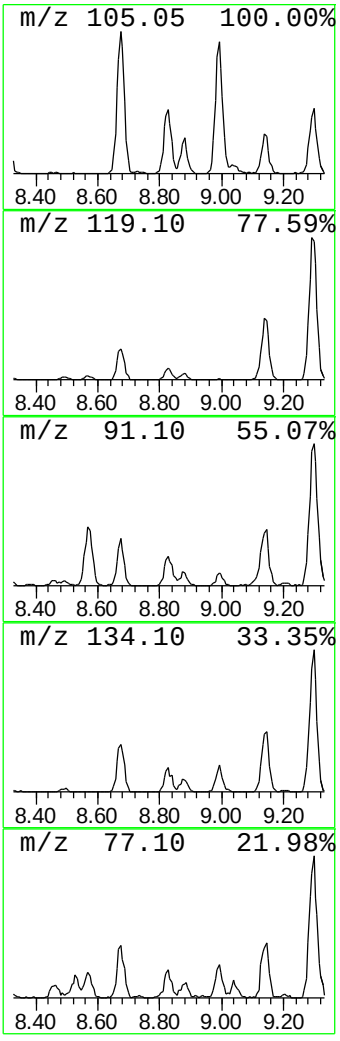
****

Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	15.28 ng	383017	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	91
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	68
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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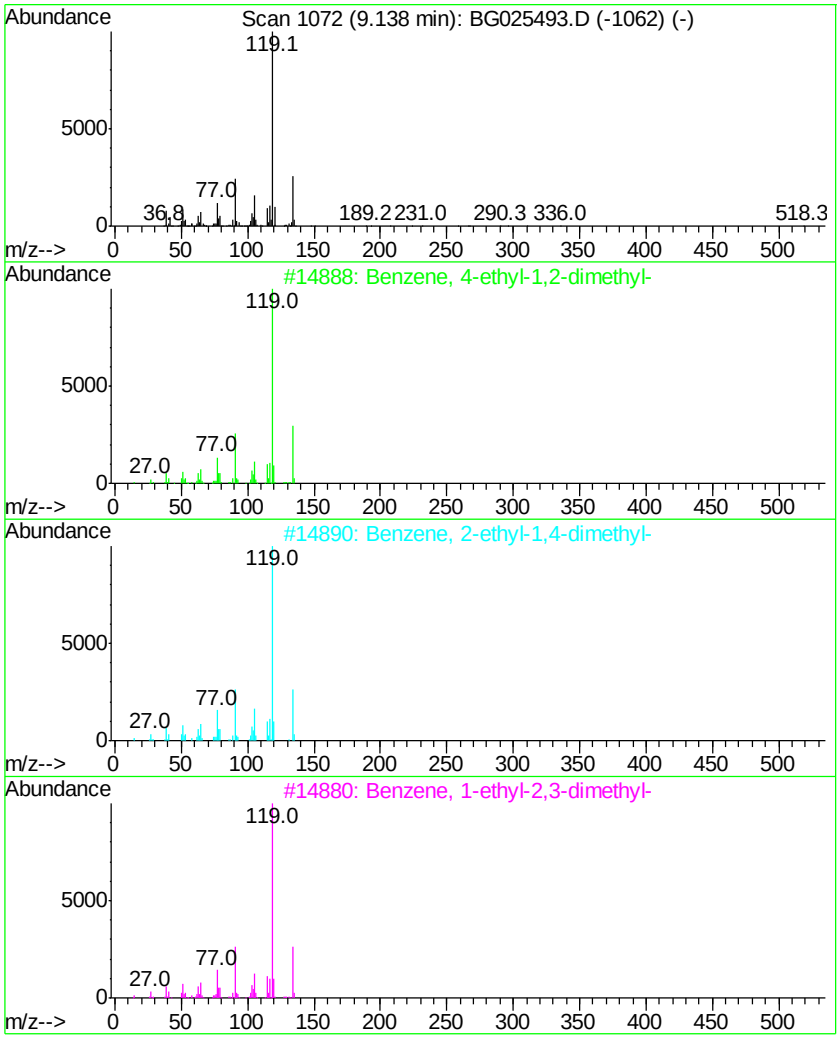
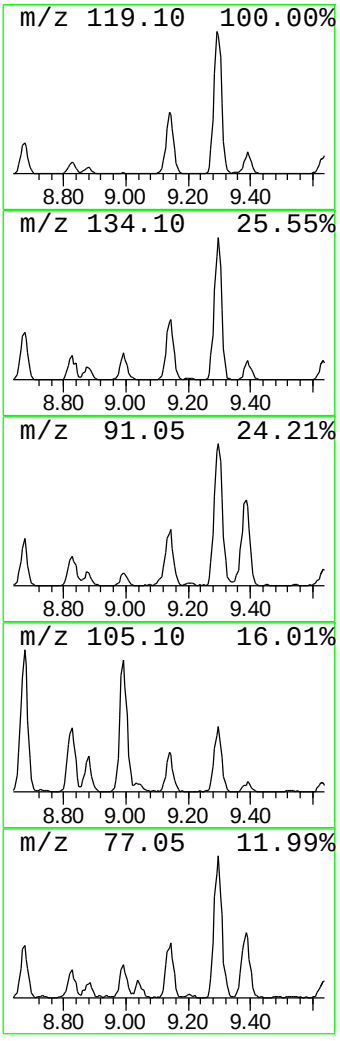
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	37.97 ng	951830	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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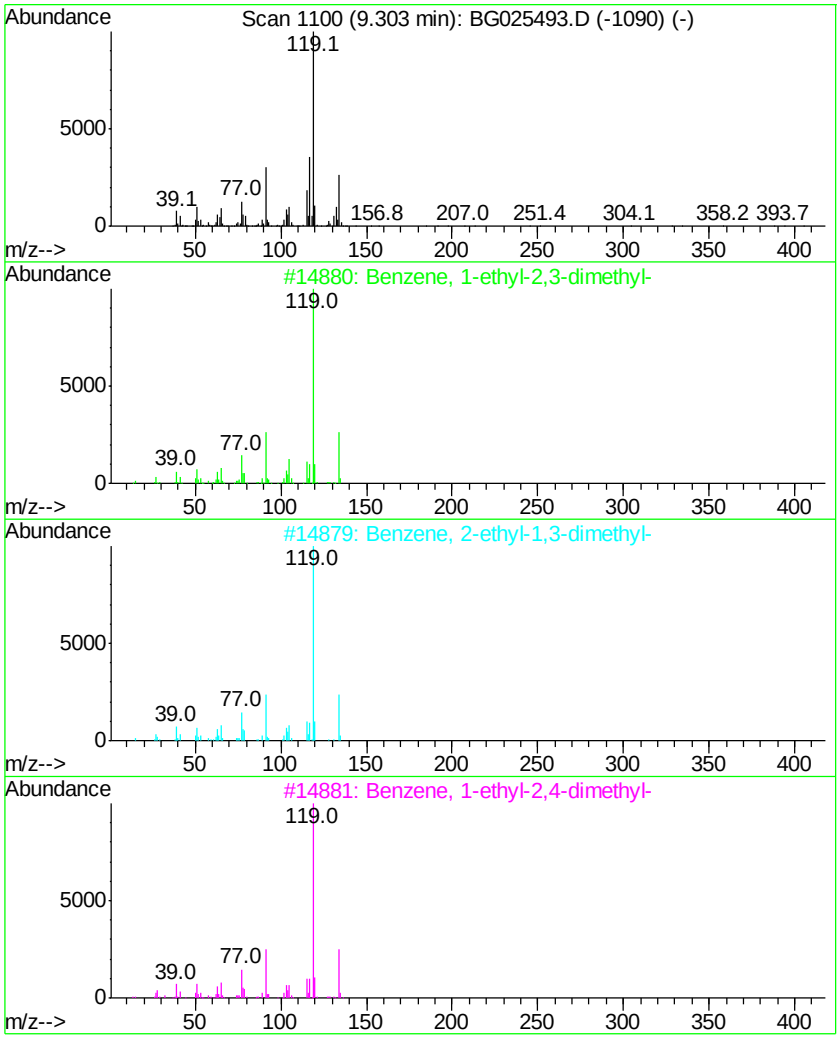
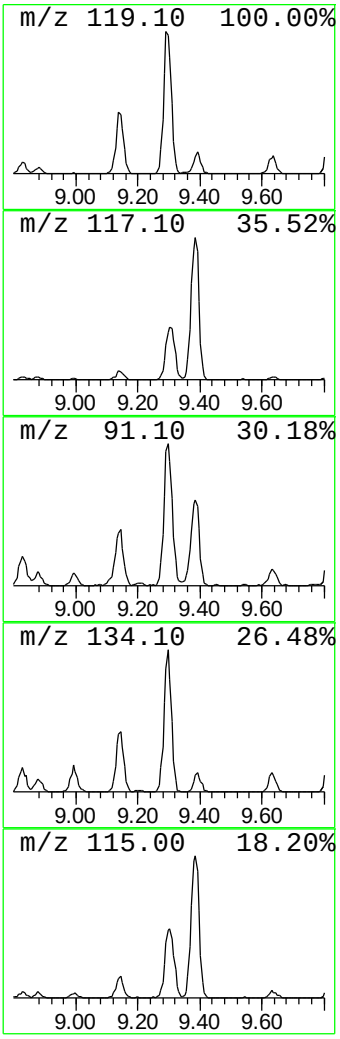
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	108.72 ng	2724920	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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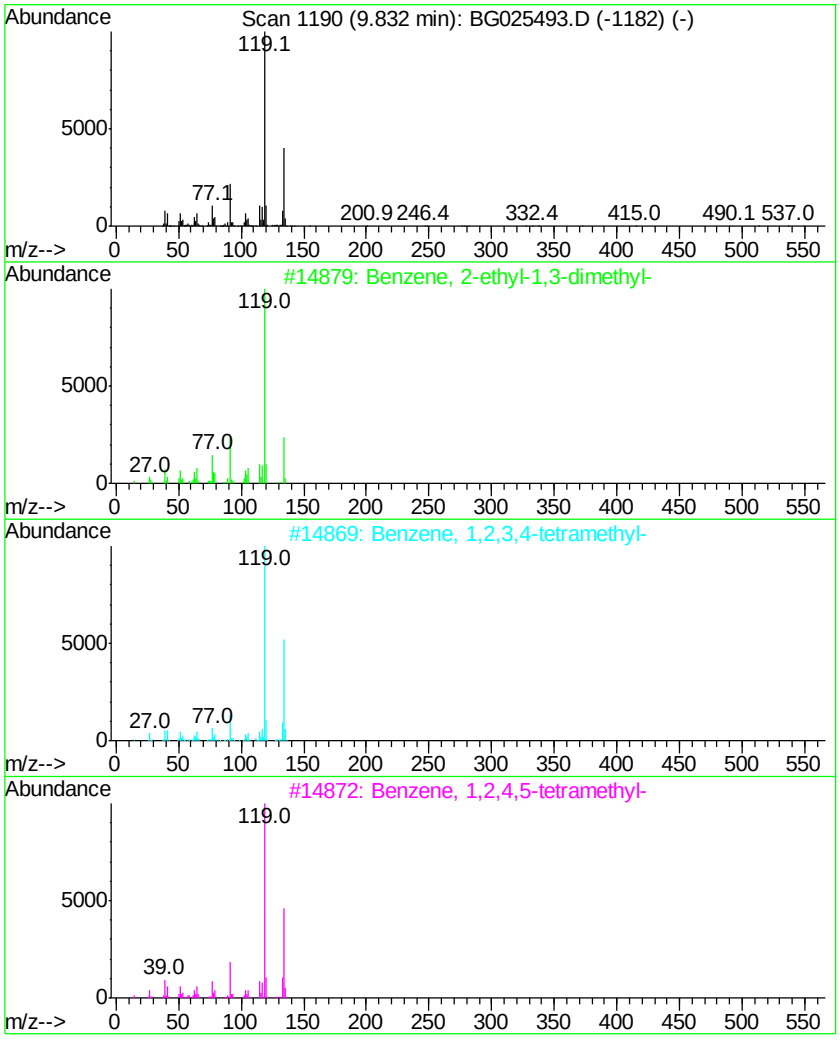
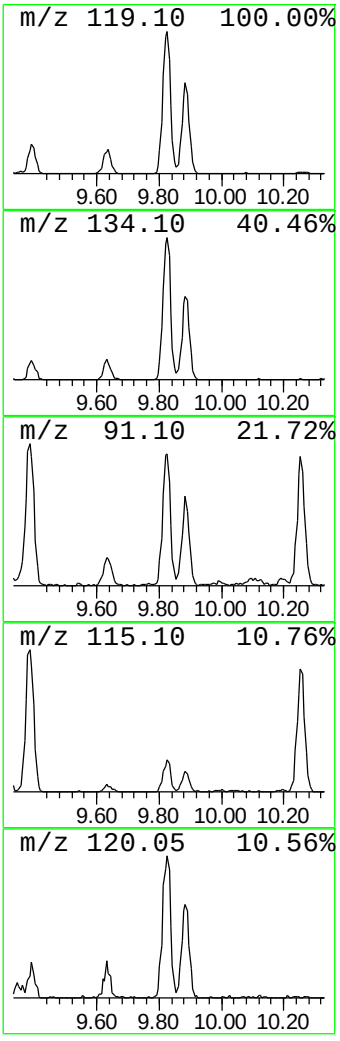
Peak Number 16 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	68.78 ng	1505050	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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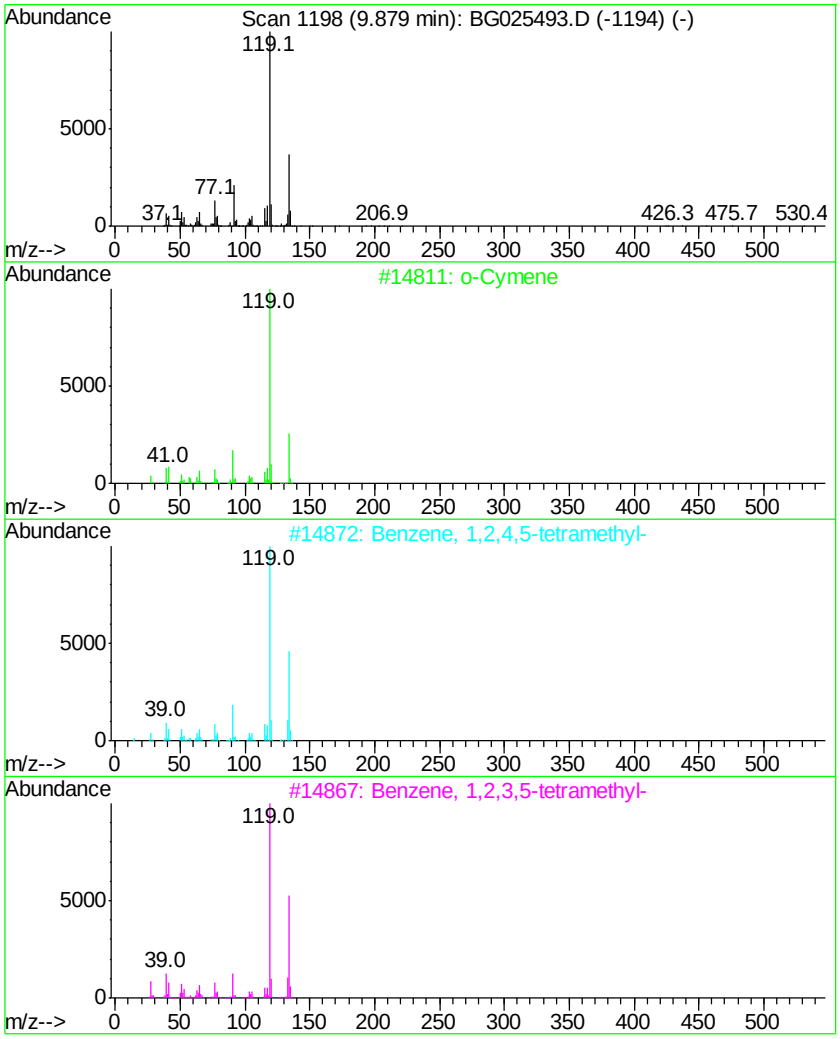
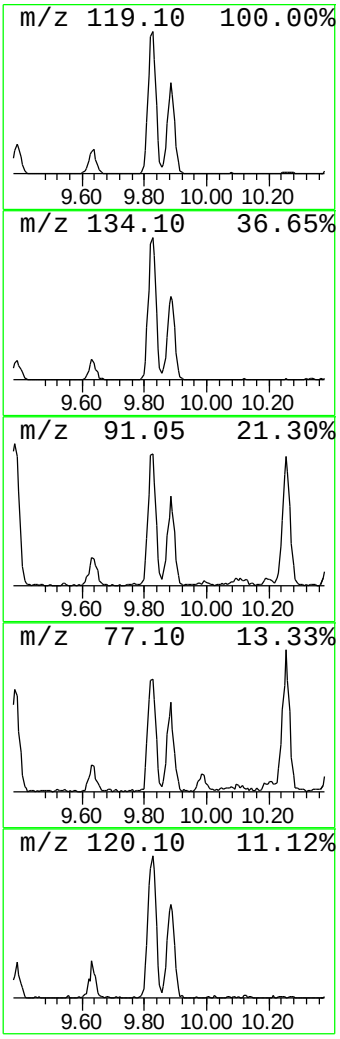
Peak Number 17 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	43.44 ng	950605	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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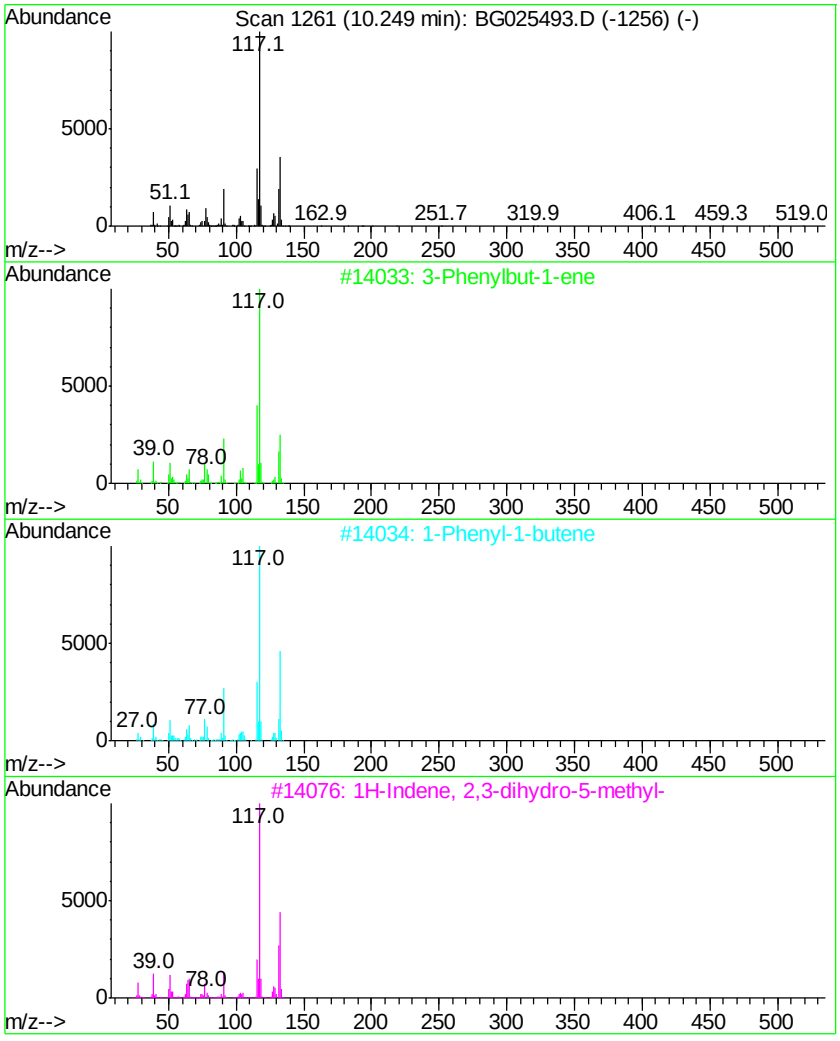
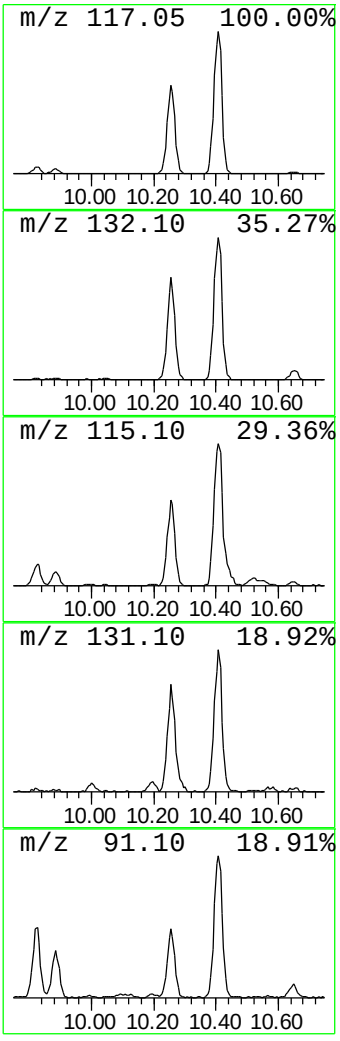
Peak Number 18 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	95.53 ng	2090470	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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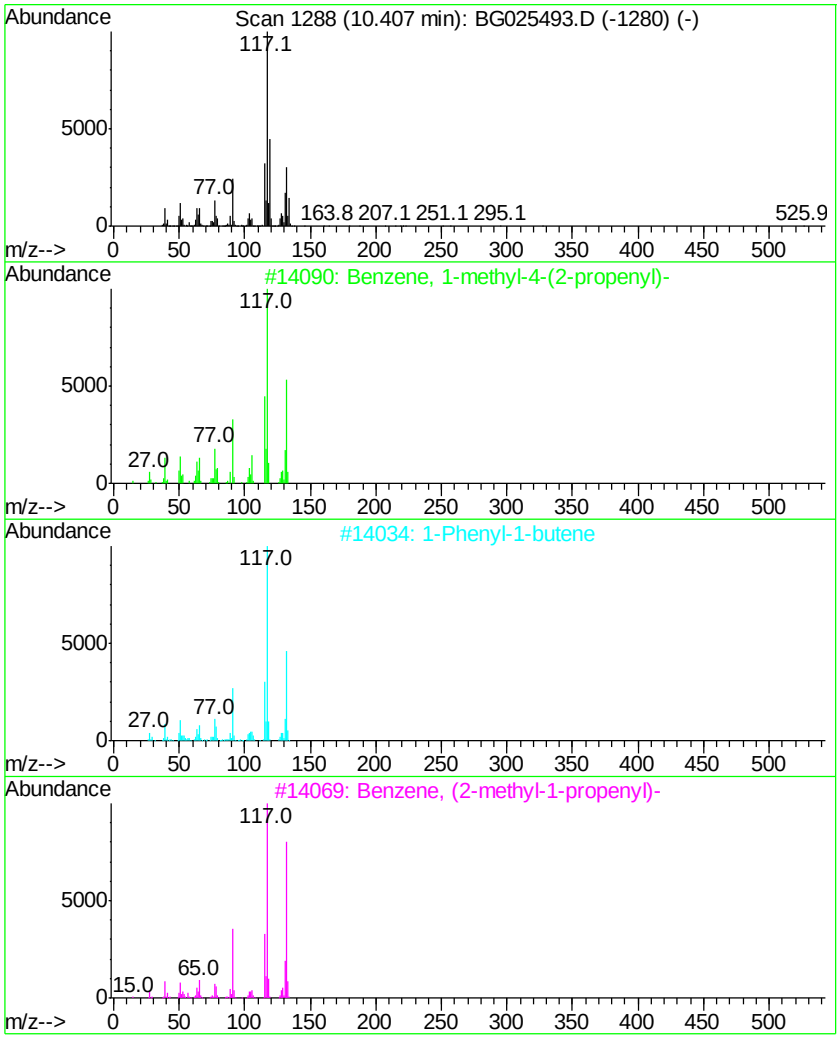
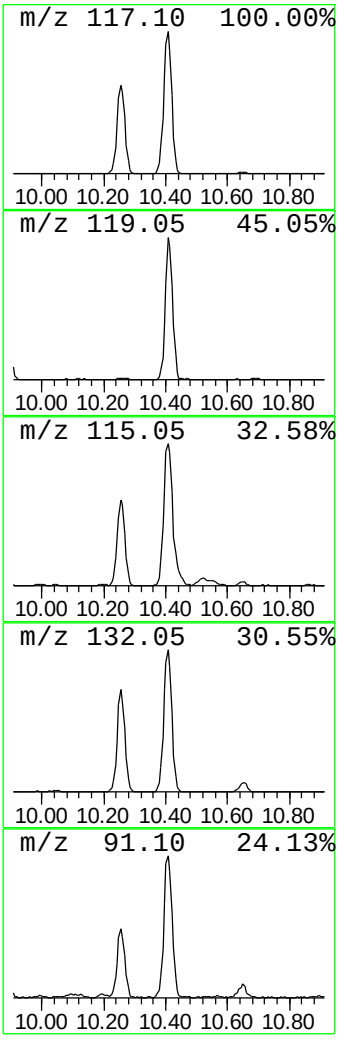
Peak Number 19 Benzene, 1-methyl-4-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	207.00 ng	4529710	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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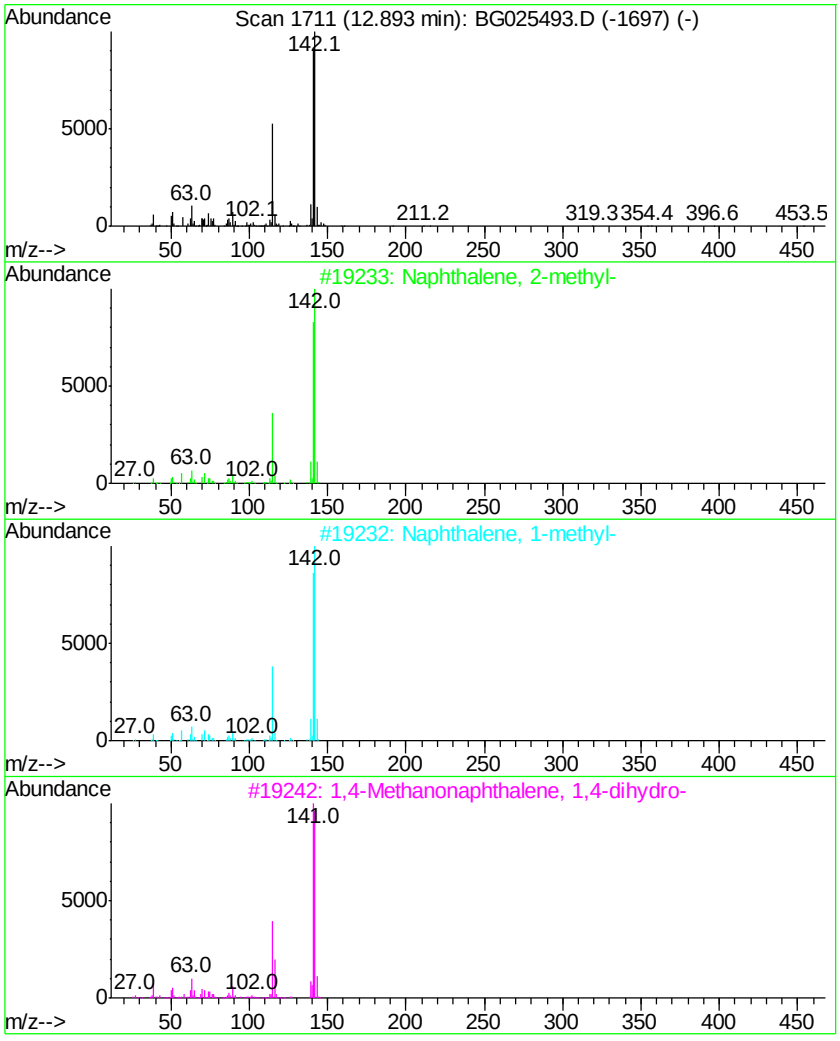
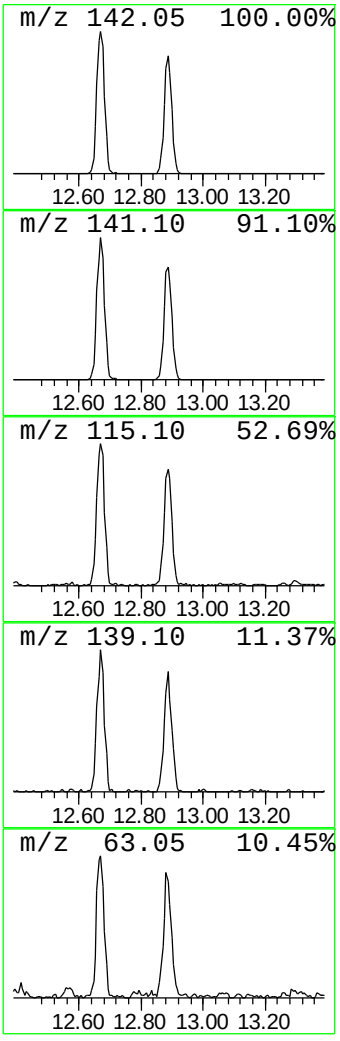
Peak Number 20 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	53.23 ng	1164760	Naphthalene-d8	11.02

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	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025493.D
Acq On : 12 Jan 2017 22:14
Operator : UM/SJ
Sample : I1125-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-50

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	6.65	20.7	ng	519510	1	8.20	501296	20.0
Benzene, propyl-	7.15	37.7	ng	945511	1	8.20	501296	20.0
Benzene, 1-ethyl-...	7.57	54.4	ng	1363430	1	8.20	501296	20.0
unknown7.73	7.73	85.8	ng	2150160	1	8.20	501296	20.0
Benzene, 1,2,3-tr...	7.83	21.1	ng	528057	1	8.20	501296	20.0
Dicyclopentadiene	8.46	14.7	ng	368659	1	8.20	501296	20.0
Indane	8.57	46.6	ng	1169130	1	8.20	501296	20.0
Benzene, 1,3-diet...	8.67	30.5	ng	764979	1	8.20	501296	20.0
Benzene, 1,2-diet...	8.83	15.3	ng	383017	1	8.20	501296	20.0
Benzene, 4-ethyl-...	9.14	38.0	ng	951830	1	8.20	501296	20.0
Benzene, 1-ethyl-...	9.30	108.7	ng	2724920	1	8.20	501296	20.0
Benzene, 2-ethyl-...	9.83	68.8	ng	1505050	2	11.02	437648	20.0
o-Cymene	9.88	43.4	ng	950605	2	11.02	437648	20.0
3-Phenylbut-1-ene	10.25	95.5	ng	2090470	2	11.02	437648	20.0
Benzene, 1-methyl...	10.41	207.0	ng	4529710	2	11.02	437648	20.0
Naphthalene, 2-me...	12.89	53.2	ng	1164760	2	11.02	437648	20.0