LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

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_F\METHODS\8270-BF122215.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	3.756	143	146	152	rBB	47780	82380	3.56%	0.337%
2	4.007	166	168	187	rBV	253935	459026	19.85%	1.877%
3	5.001	252	255	261	rBV	70247	78181	3.38%	0.320%
4	5.287	278	280	282	rBV	36716	51999	2.25%	0.213%
5	5.390	287	289	292	rBV2	97847	155517	6.72%	0.636%
6	5.447	292	294	302	rVB	308245	434789	18.80%	1.778%
7	5.653	311	312	315	rBV	90281	108412	4.69%	0.443%
8	6.350	371	373	375	rBV	86124	81694	3.53%	0.334%
9	6.384	375	376	378	rVV	87140	66390	2.87%	0.271%
10	6.430	378	380	382	rVV	64029	52013	2.25%	0.213%
11	6.476	382	384	386	rVV	377235	457360	19.78%	1.870%
12	6.510	386	387	389	rVV	69471	65923	2.85%	0.270%
13	6.602	393	395	397	rBV	1607734	1474226	63.74%	6.029%
14	6.659	397	400	403	rVV	226706	265214	11.47%	1.085%
15	6.830	413	415	417	rBV	438725	415698	17.97%	1.700%
16	6.887	419	420	423	rVV2	104282	105794	4.57%	0.433%
17	6.990	426	429	433	rBV2	1179333	2312749	100.00%	9.458%
18	7.093	436	438	440	rBV	540271	691282	29.89%	2.827%
19	7.150	442	443	445	rBV	30686	31069	1.34%	0.127%
20	7.185	445	446	449	rVB	55198	44908	1.94%	0.184%
21	7.253	450	452	455	rBV	103497	102393	4.43%	0.419%
22	7.390	460	464	467	rVB	1228956	1290611	55.80%	5.278%
23	7.447	467	469	471	rBV	38884	34645	1.50%	0.142%
24	7.527	474	476	480	rBV3	68986	87580	3.79%	0.358%
25	7.607	480	483	484	rBV2	24888	28597	1.24%	0.117%
26	7.630	484	485	487	rVB	50022	38682	1.67%	0.158%
27	7.665	487	488	492	rBV	9900	26875	1.16%	0.110%
28	7.779	496	498	501	rVB2	209477	312760	13.52%	1.279%
29	7.859	502	505	507	rBV2	261246	386633	16.72%	1.581%
30	7.893	507	508	512	rVB2	278825	462047	19.98%	1.889%
31	7.973	514	515	518	rVB2	33363	48851	2.11%	0.200%
32	8.076	523	524	525	rBV	31419	30012	1.30%	0.123%
33	8.133	525	529	532	rVB	1777567	2225378	96.22%	9.100%
34	8.179	532	533	537	rVB	160536	202882	8.77%	0.830%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

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_F\METHODS\8270-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.270	540	541	546	rVB2	182769	218696	9.46%	0.894%
36	8.373	546	550	554	rBV3	149453	281731	12.18%	1.152%
37	8.476	557	559	560	rBV	62936	59202	2.56%	0.242%
38	8.579	563	568	570	rBV2	53416	99002	4.28%	0.405%
39	8.625	570	572	574	rVB	22815	31698	1.37%	0.130%
40	8.705	574	579	581	rBV3	25714	53688	2.32%	0.220%
41	8.785	581	586	587	rBV2	50925	90620	3.92%	0.371%
42	8.830	587	590	592	rBV	498668	533718	23.08%	2.183%
43	8.922	595	598	601	rBV2	730241	910506	39.37%	3.723%
44	9.196	619	622	624	rBV	1411735	1707473	73.83%	6.983%
45	9.288	628	630	631	rVV	111804	107238	4.64%	0.439%
46	9.310	631	632	635	rVB	62494	78420	3.39%	0.321%
47	9.390	635	639	642	rBV	45052	74770	3.23%	0.306%
48	9.459	642	645	647	rBV	113252	164746	7.12%	0.674%
49	9.528	649	651	652	rVV	180157	177635	7.68%	0.726%
50	9.550	652	653	655	rVV	64982	87872	3.80%	0.359%
51	9.596	655	657	660	rVV2	27780	46642	2.02%	0.191%
52	9.642	660	661	666	rVV	87503	130354	5.64%	0.533%
53	9.733	666	669	671	rVB	164561	217725	9.41%	0.890%
54	9.871	677	681	682	rBV	396242	440457	19.04%	1.801%
55	9.893	682	683	686	rVV	226525	313140	13.54%	1.281%
56	9.973	688	690	692	rVV	47093	60027	2.60%	0.245%
57	10.019	692	694	696	rVV2	39163	53320	2.31%	0.218%
58	10.076	696	699	700	rVV	38865	47910	2.07%	0.196%
59	10.168	704	707	710	rVV2	18845	41044	1.77%	0.168%
60	10.248	712	714	718	rVV2	31576	59115	2.56%	0.242%
61	10.305	718	719	722	rVV2	16766	32452	1.40%	0.133%
62	10.385	722	726	727	rVV4	48110	116626	5.04%	0.477%
63	10.419	727	729	731	rVV	158632	208705	9.02%	0.853%
64	10.499	731	736	742	rVV3	62403	177848	7.69%	0.727%
65	10.602	744	745	747	rVV2	24326	39339	1.70%	0.161%
66	10.659	747	750	752	rVV	990205	1068383	46.20%	4.369%
67	10.785	756	761	764	rBV2	20797	42424	1.83%	0.173%
68	10.956	773	776	778	rBV2	21166	46423	2.01%	0.190%
69	11.048	781	784	787	rVB2	15906	29930	1.29%	0.122%
70	11.242	799	801	803	rVB	31155	41991	1.82%	0.172%
71	11.356	808	811	815	rBV2	345600	629266	27.21%	2.573%

LSC Area Percent Report

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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.425	815	817	819	rVB	28744	35324	1.53%	0.144%
73	11.585	829	831	832	rBV2	40939	36697	1.59%	0.150%
74	11.836	851	853	856	rBV	25758	34100	1.47%	0.139%
75	11.882	856	857	859	rVV	29807	32802	1.42%	0.134%
76	11.962	863	864	869	rVB2	41534	48539	2.10%	0.198%
77	12.442	905	906	909	rVB	80686	92401	4.00%	0.378%
78	12.762	932	934	935	rBV	32559	26761	1.16%	0.109%
79	12.934	946	949	952	rBV	1470420	1716272	74.21%	7.018%
80	13.837	1025	1028	1034	rBV2	49967	68375	2.96%	0.280%
81	13.985	1039	1041	1044	rVV	418590	431255	18.65%	1.764%
82	14.077	1047	1049	1051	rBV	225149	194065	8.39%	0.794%
83	15.414	1164	1166	1175	rBV	222792	333449	14.42%	1.364%
84	15.608	1180	1183	1186	rBV	115033	170836	7.39%	0.699%

Sum of corrected areas: 24453582

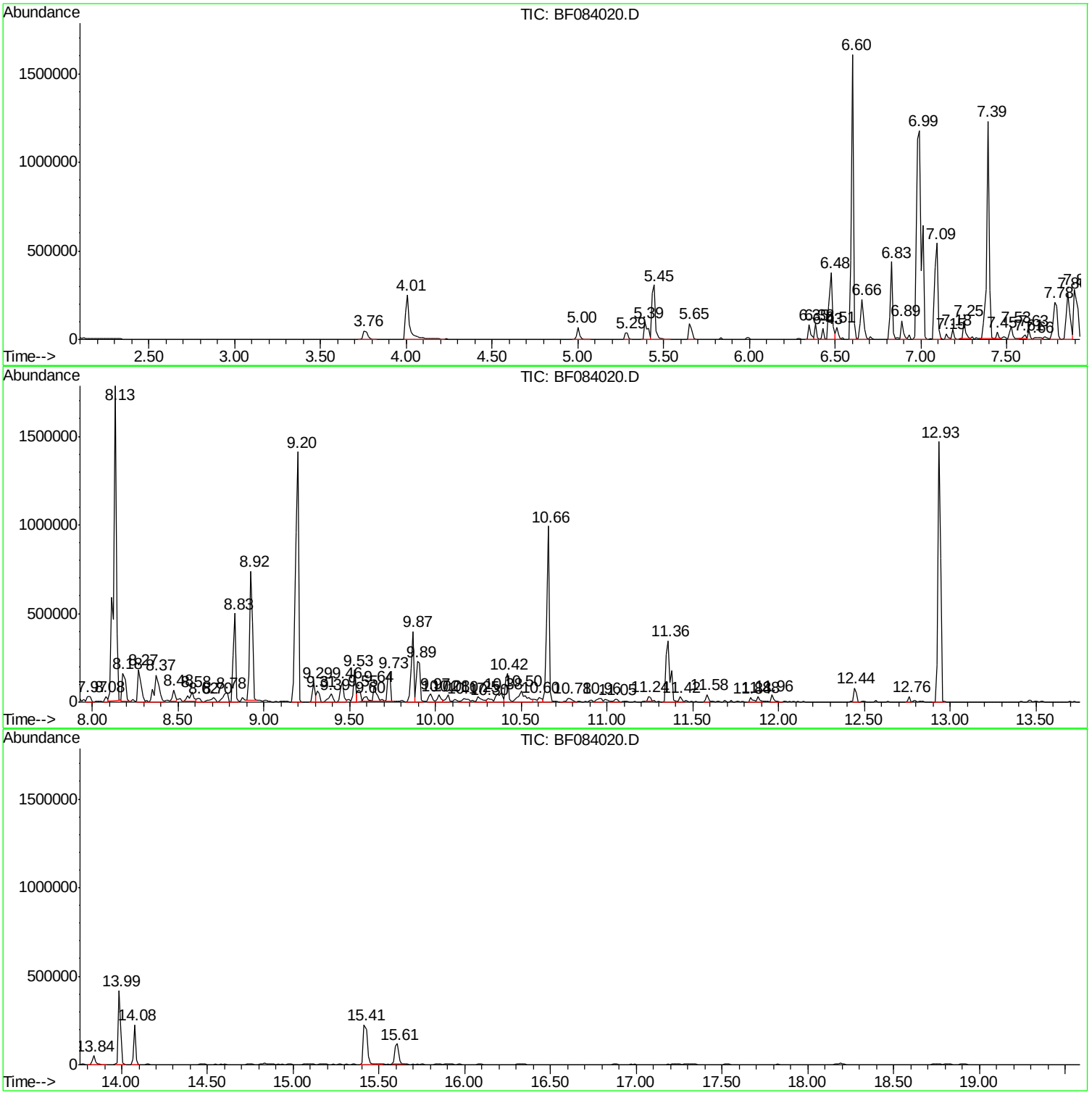
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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 : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

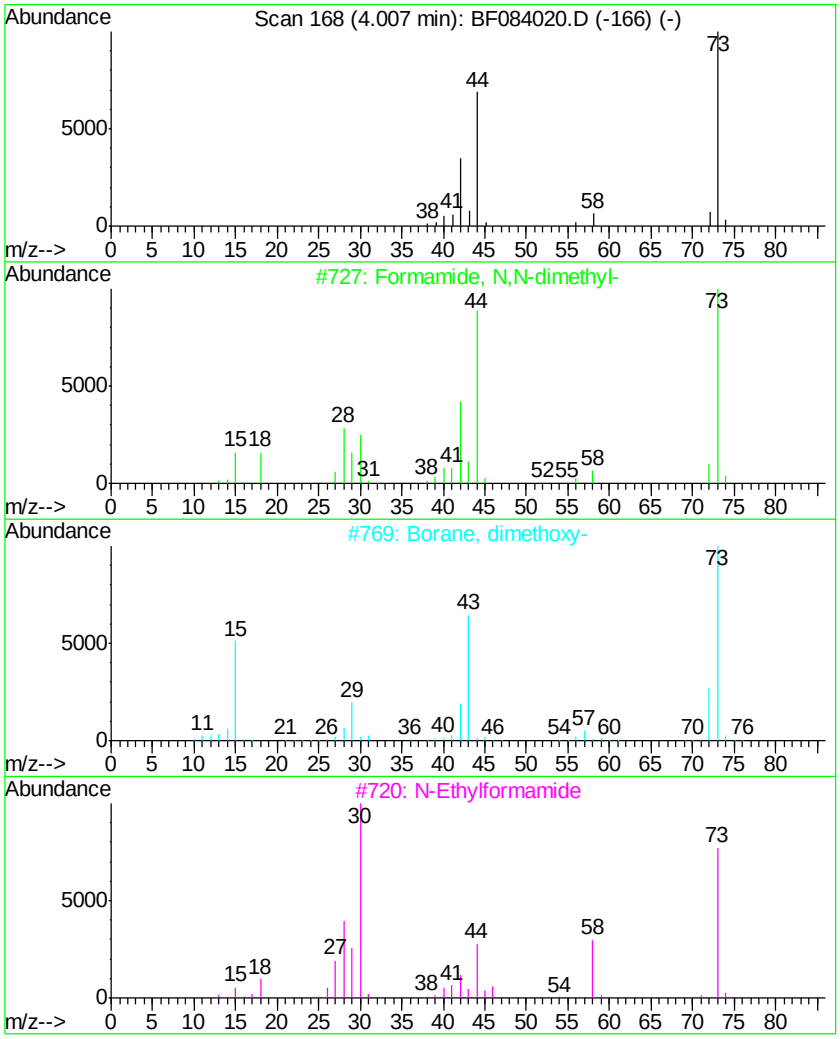
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

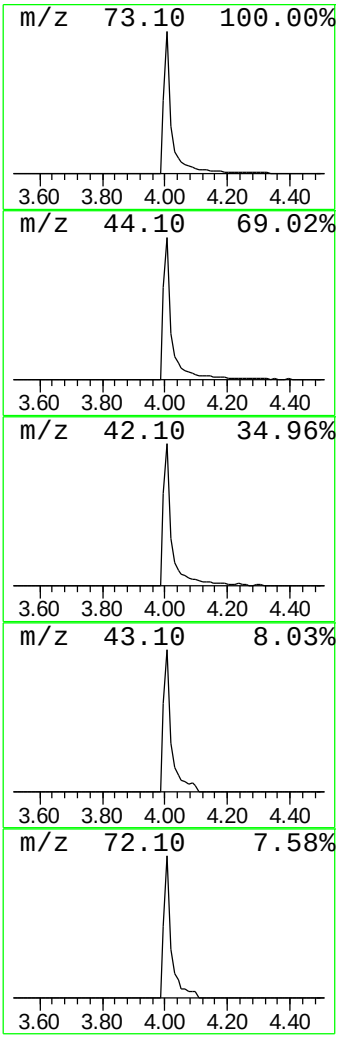
****

Peak Number 2 Formamide, N,N-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	22.08 ng	459026	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	91
2	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	1,2-Ethanediamine, N-methyl-	74	C3H10N2	000109-81-9	4
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

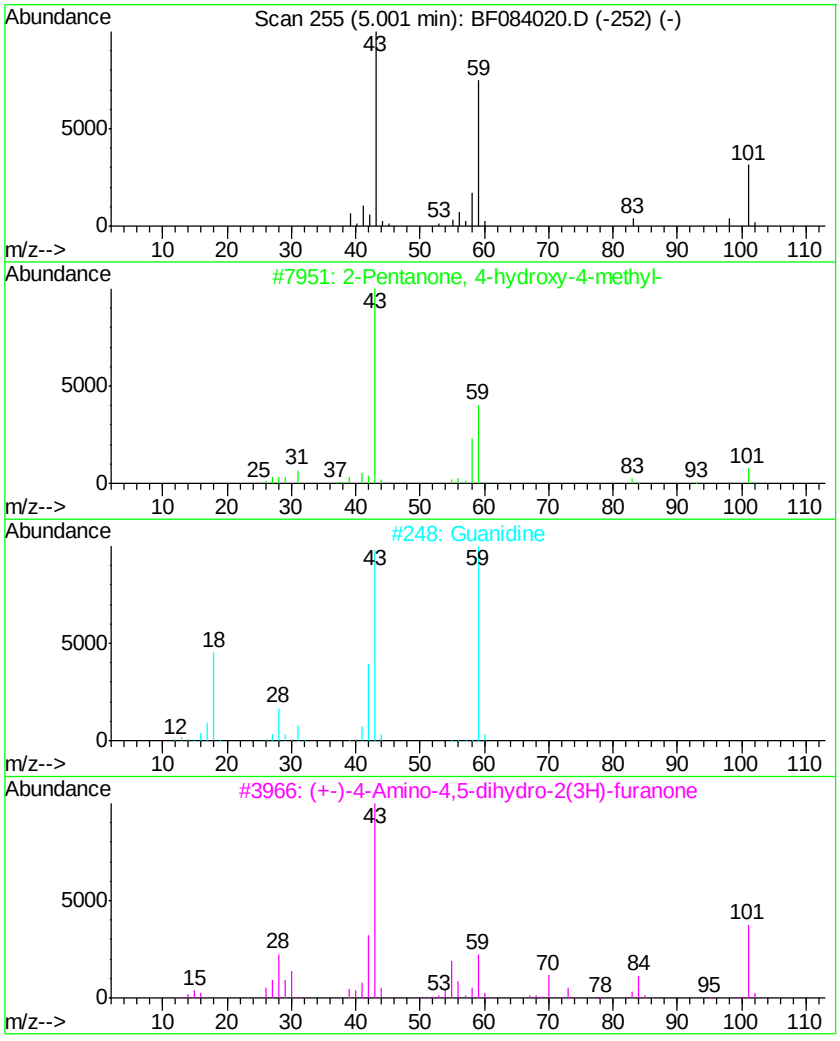
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

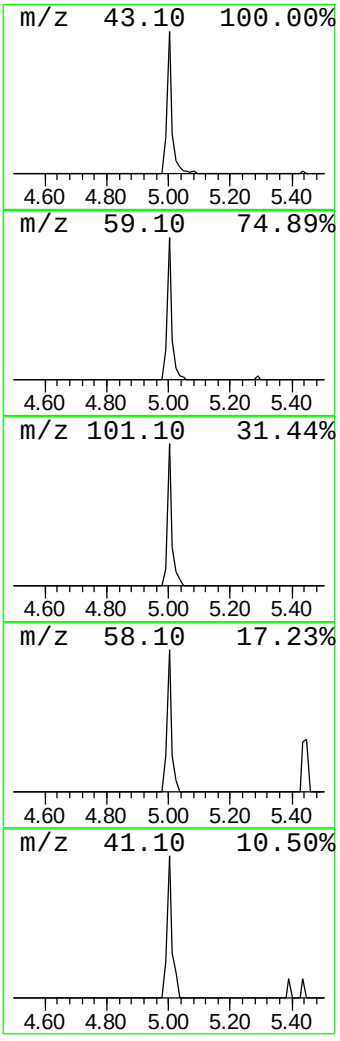
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.76 ng	78181	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	50
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	28
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

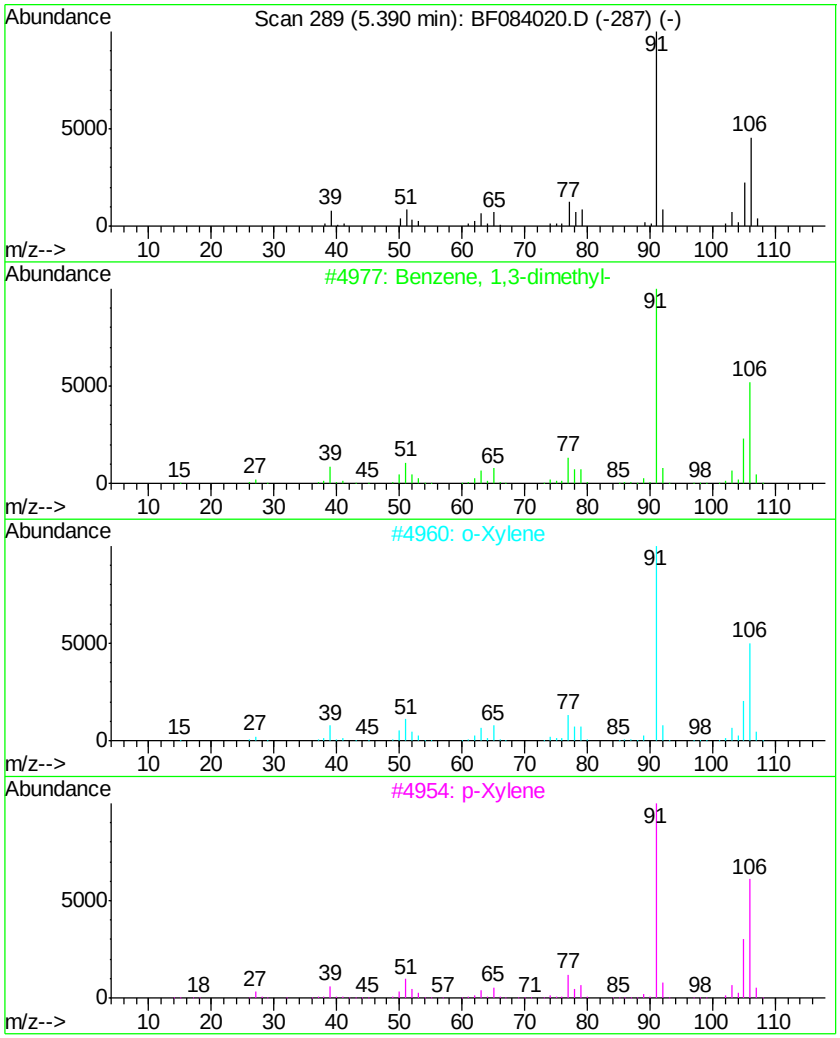
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

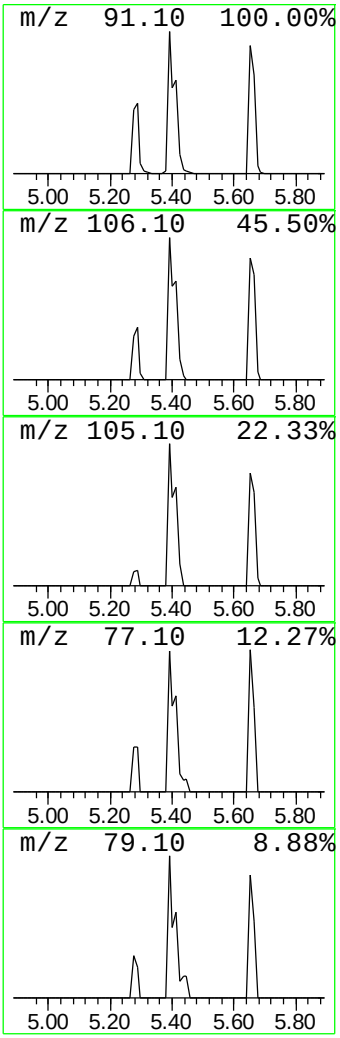
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	7.48 ng	155517	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

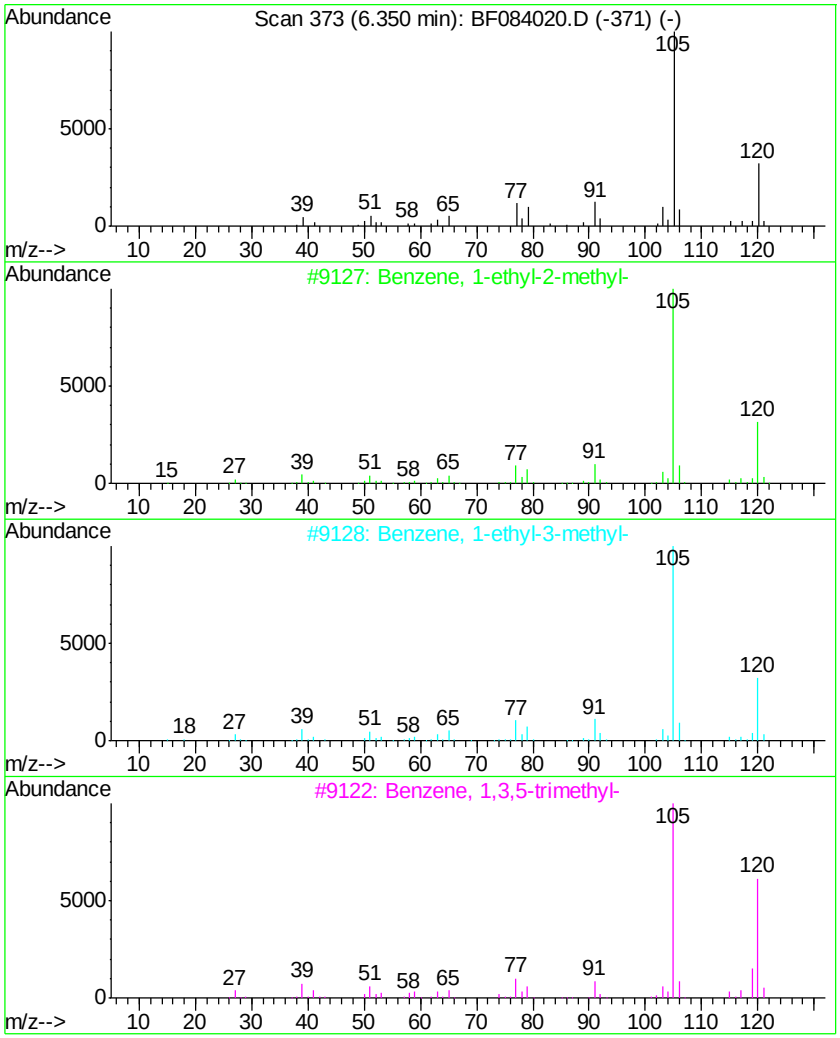
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

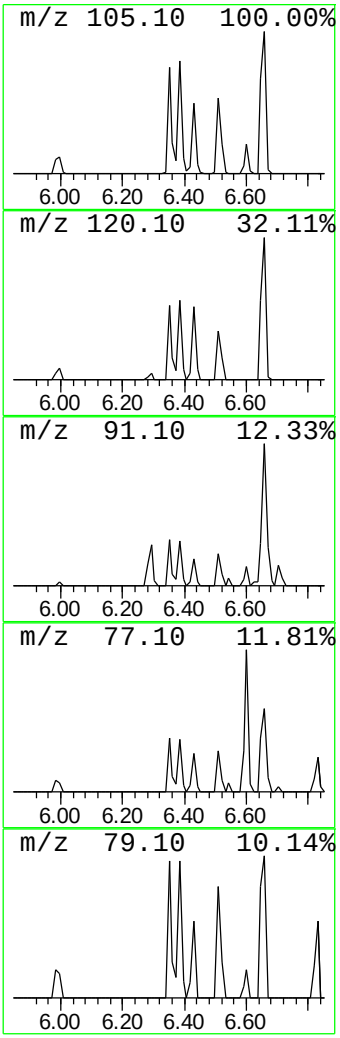
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	3.93 ng	81694	1,4-Dichlorobenzene-d4	6.83

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

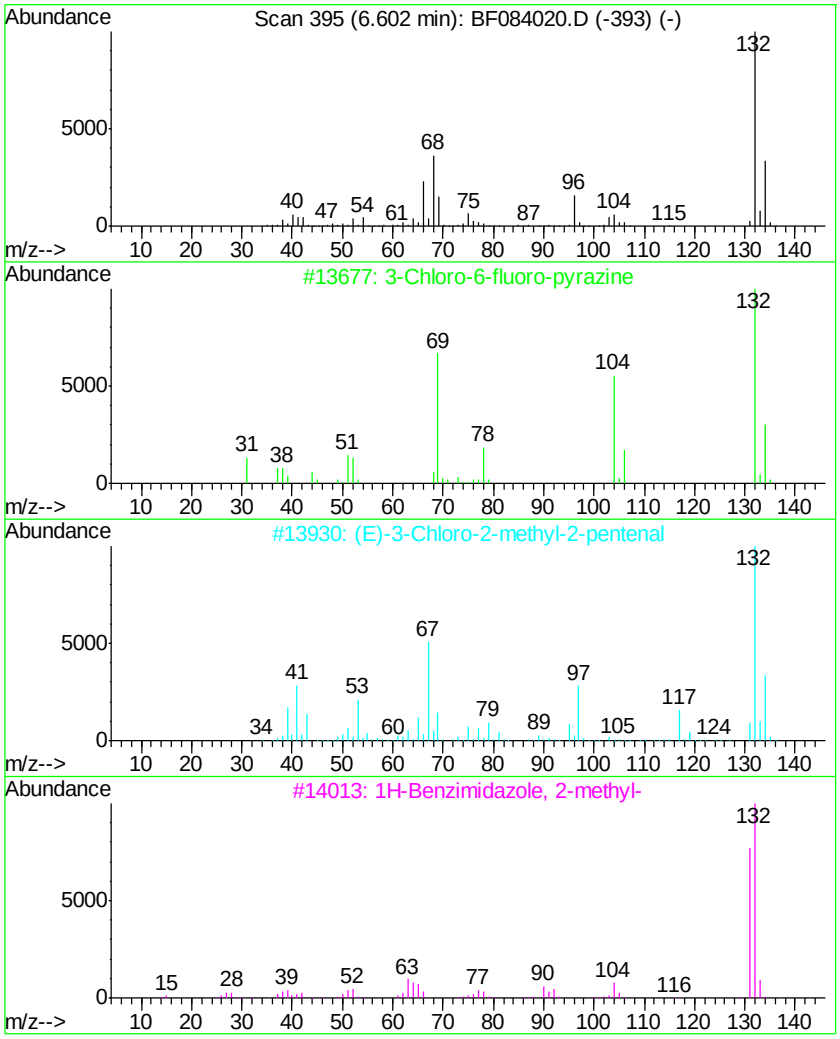
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

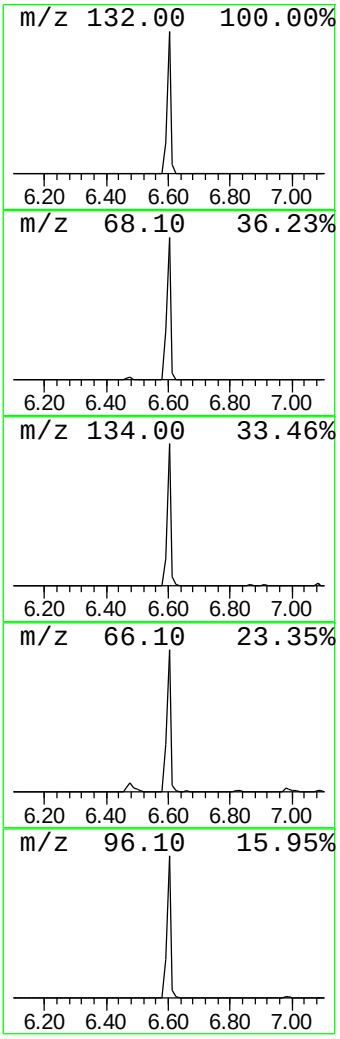
****

Peak Number 7 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	70.93 ng	1474230	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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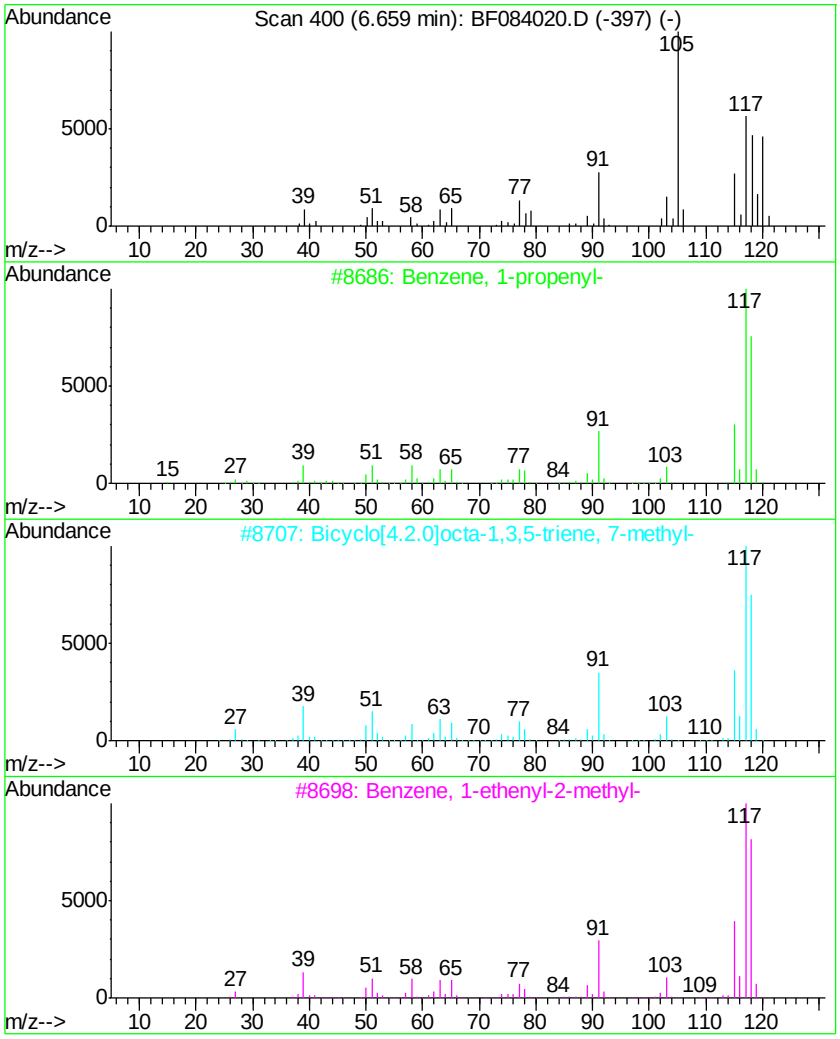
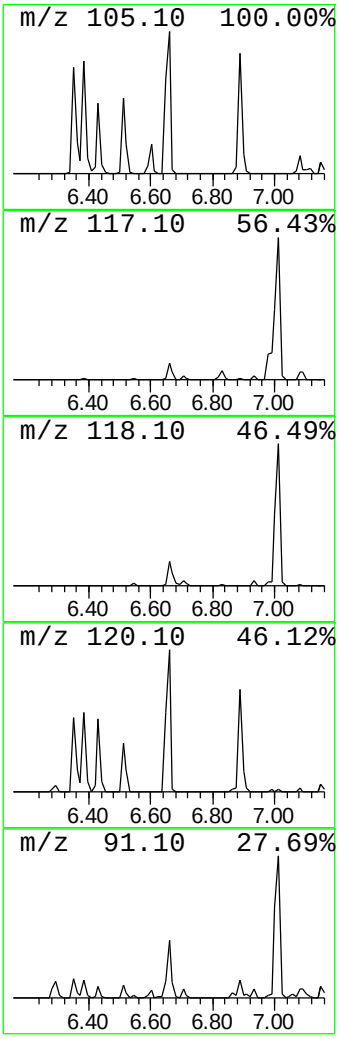
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	12.76 ng	265214	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	50
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46





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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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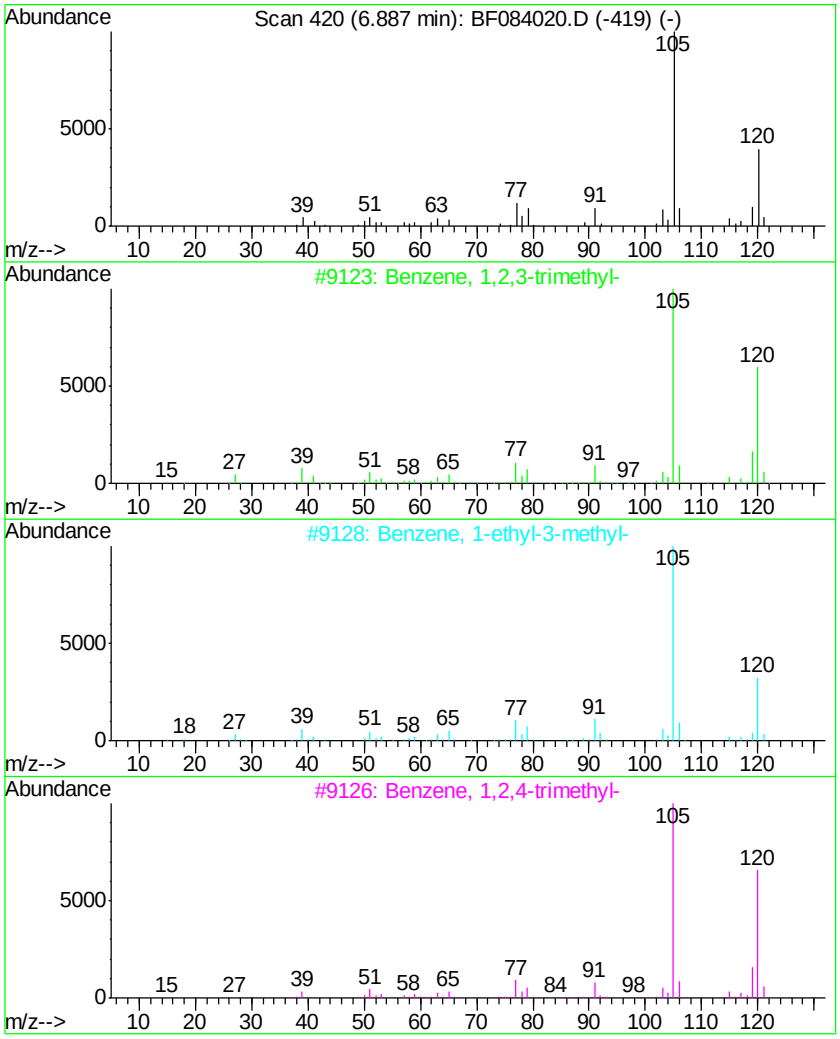
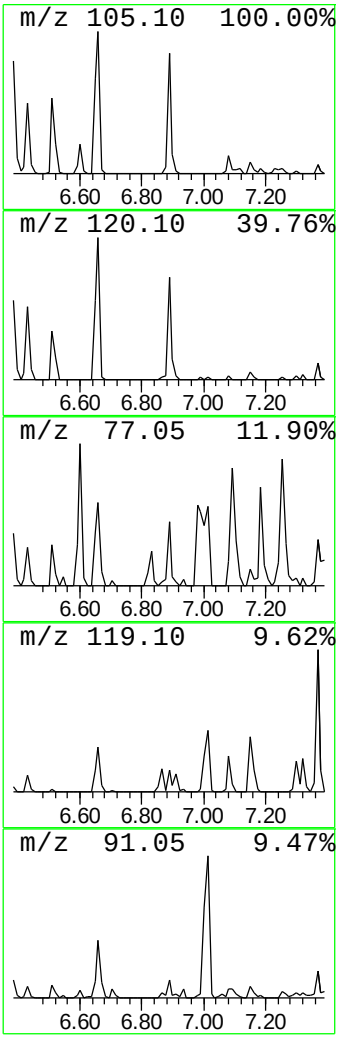
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	5.09 ng	105794	1,4-Dichlorobenzene-d4	6.83

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





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Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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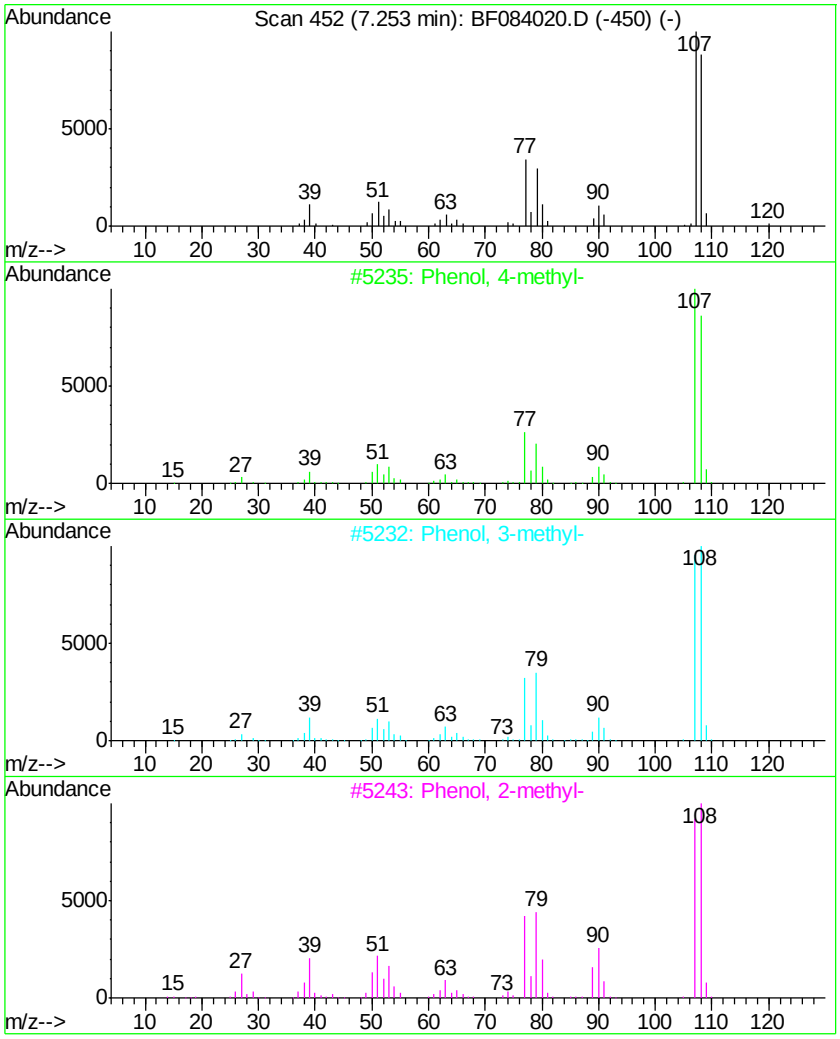
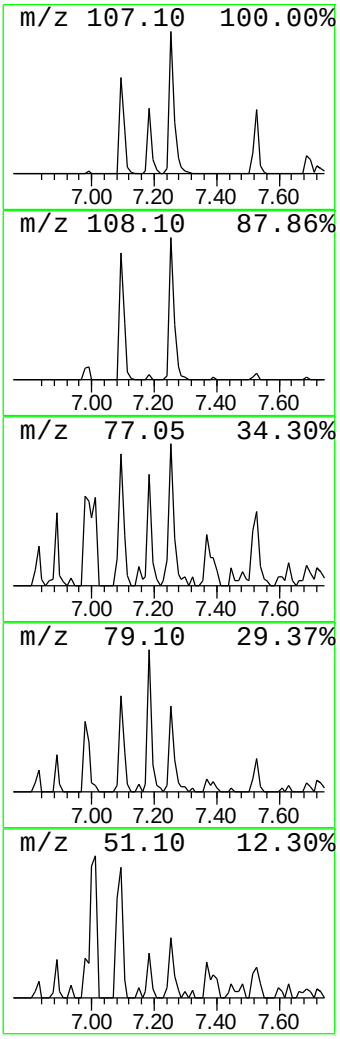
Peak Number 11 Phenol, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.93 ng	102393	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methyl-	108	C7H8O	000106-44-5	97
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	96
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	90
4	Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	49
5	Furan, 2-(2-propenyl)-	108	C7H8O	075135-41-0	49





Library Search Compound Report

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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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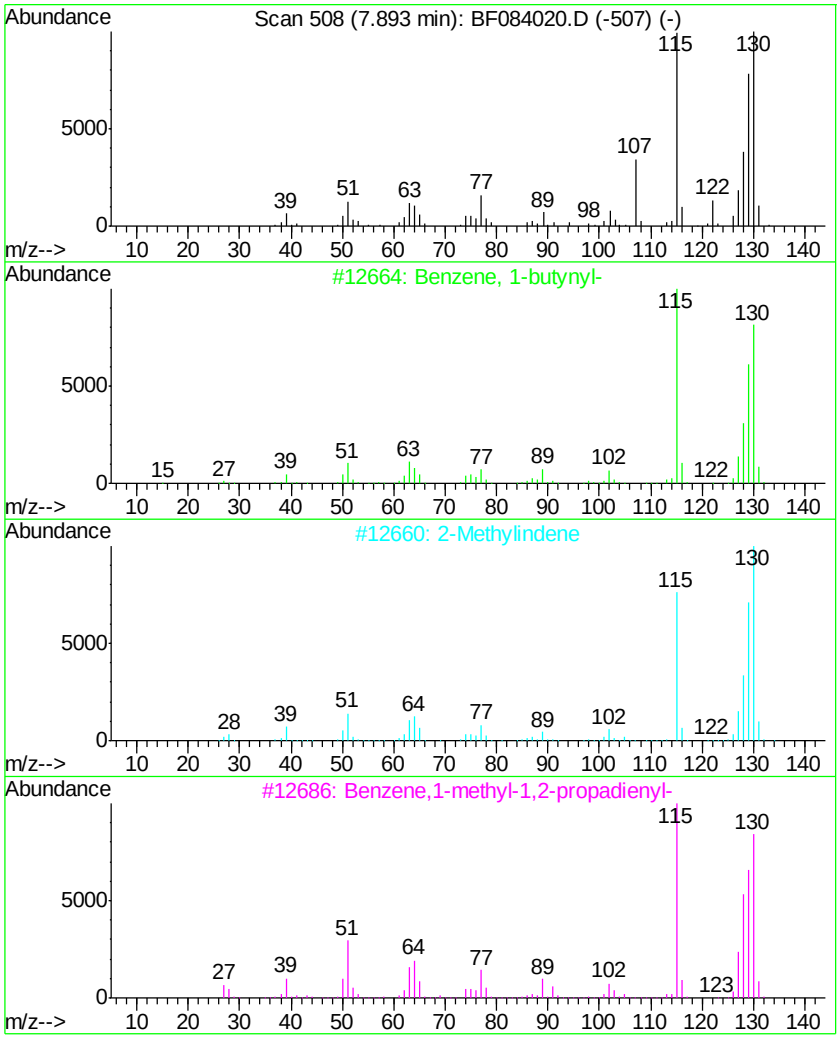
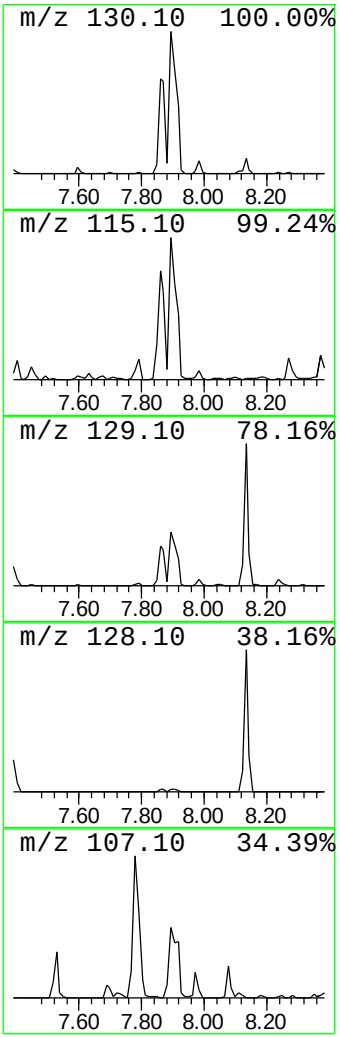
Peak Number 12 Benzene, 1-butynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	4.15 ng	462047	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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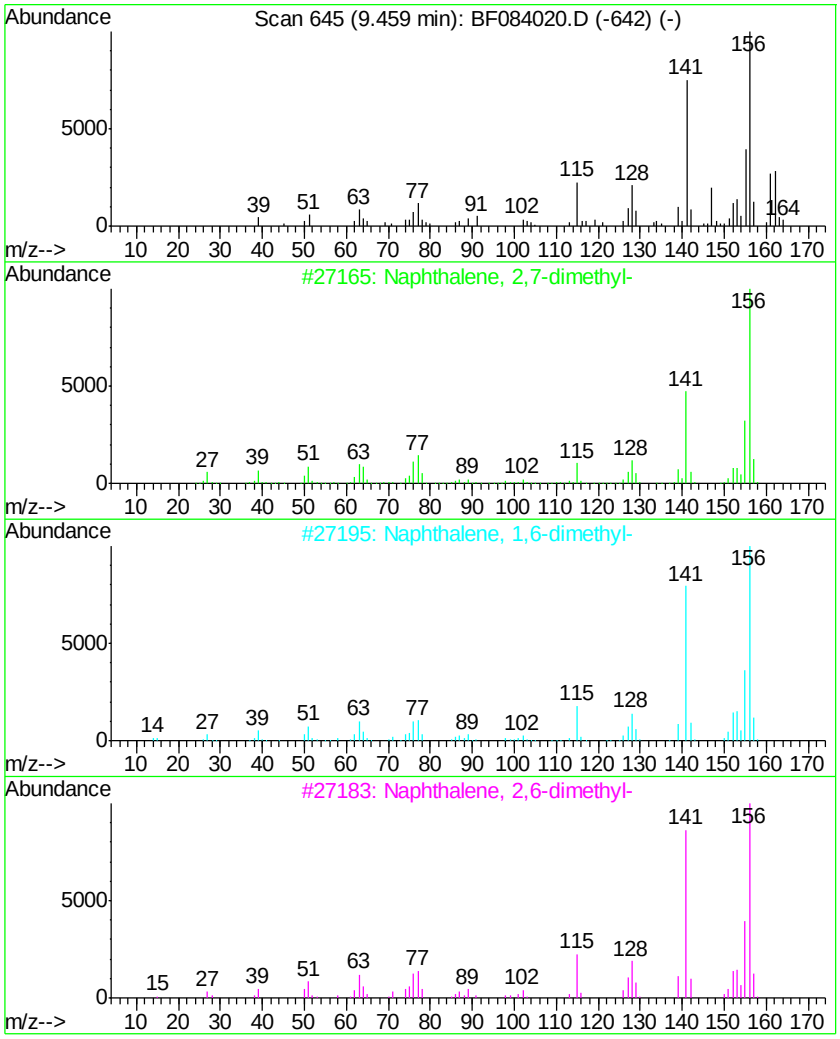
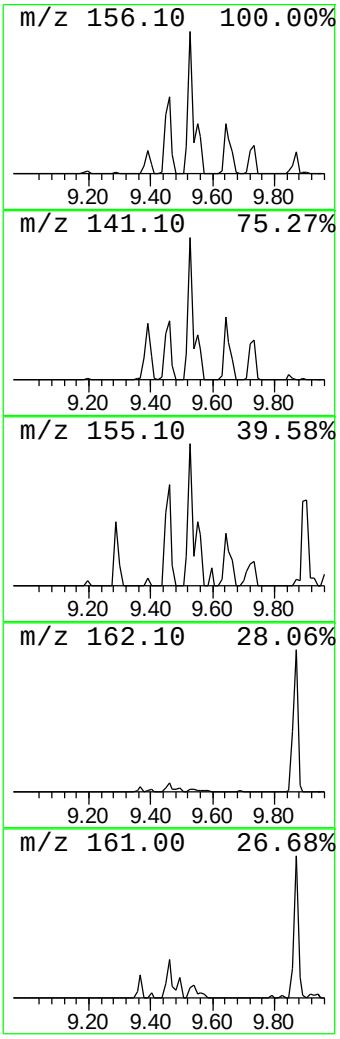
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.48 ng	164746	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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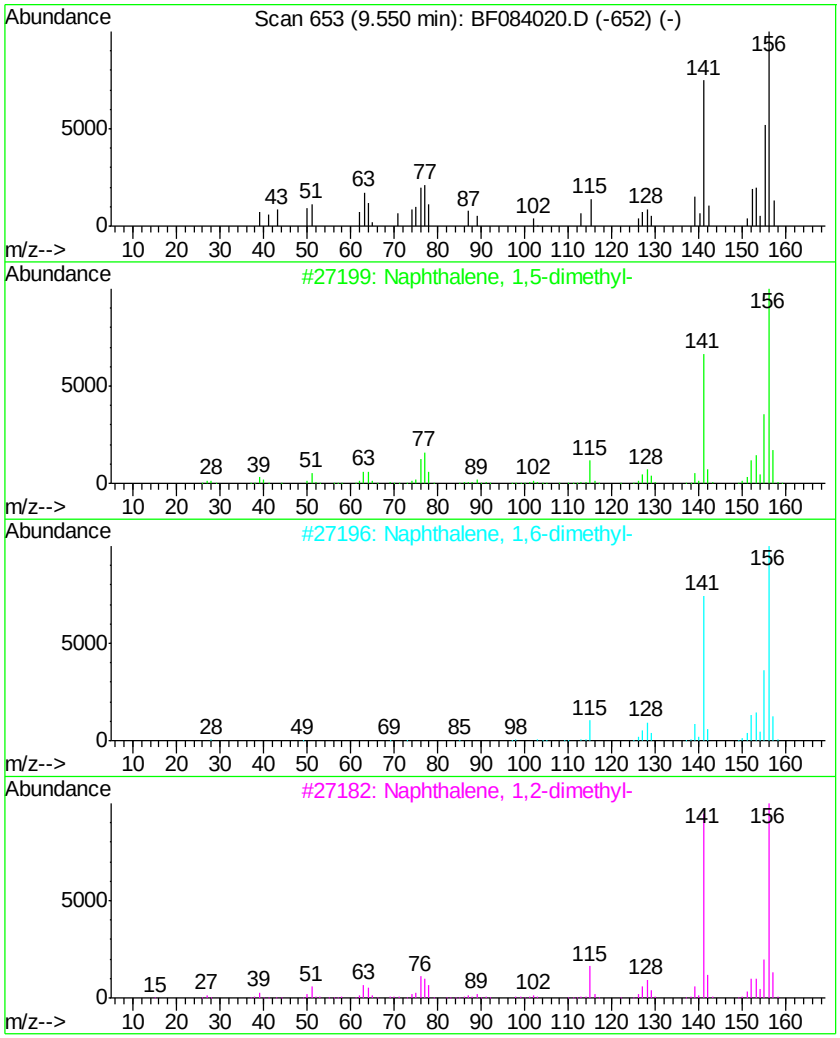
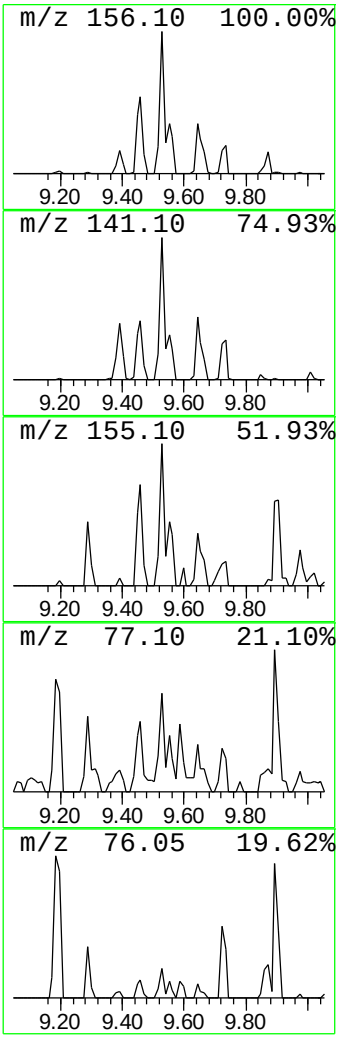
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.99 ng	87872	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





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Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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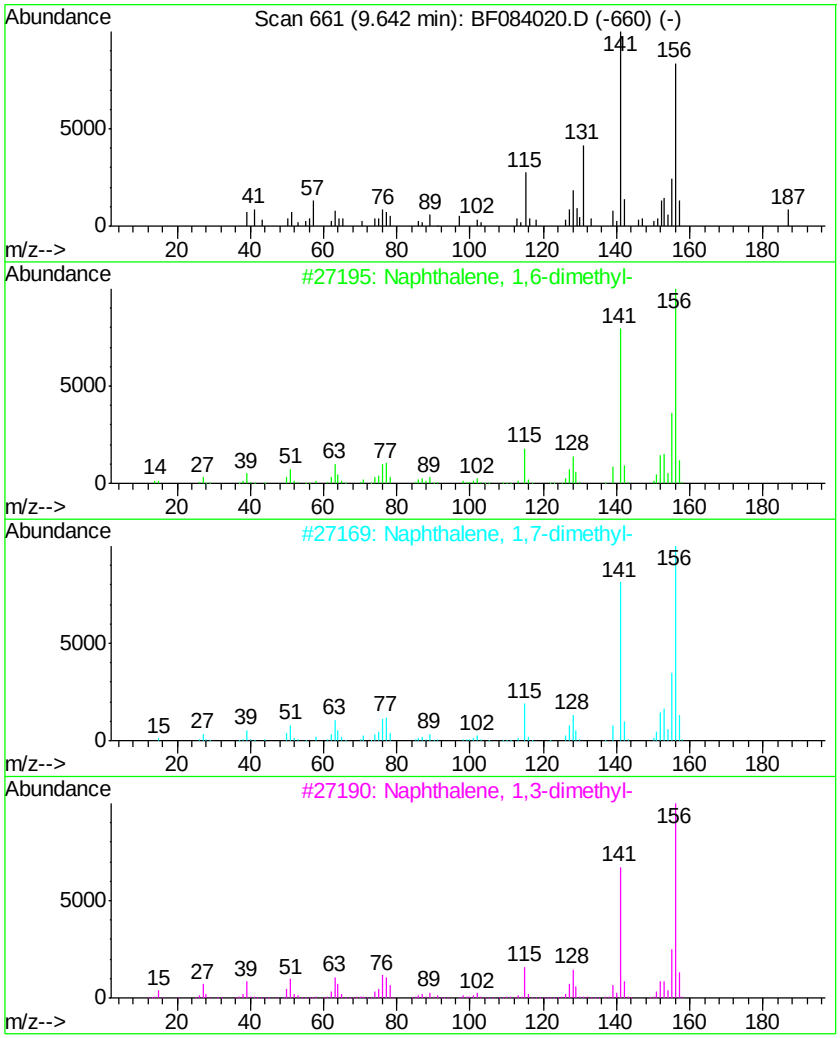
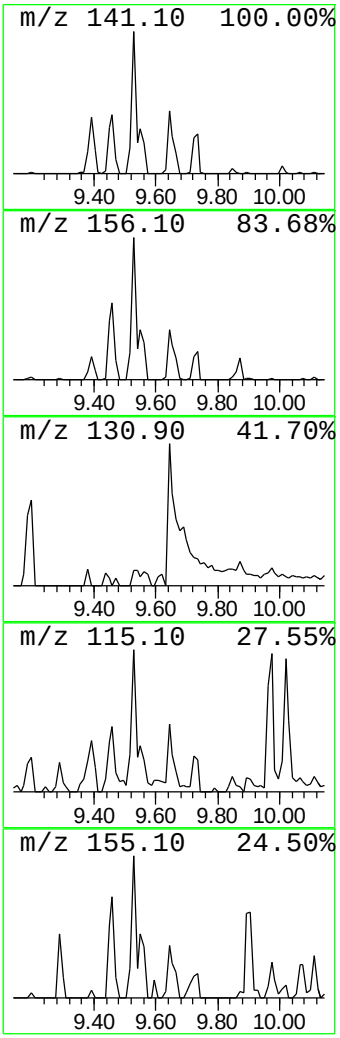
Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	5.92 ng	130354	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : UM/SJ
Sample : G4916-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151218MGP222BRV64

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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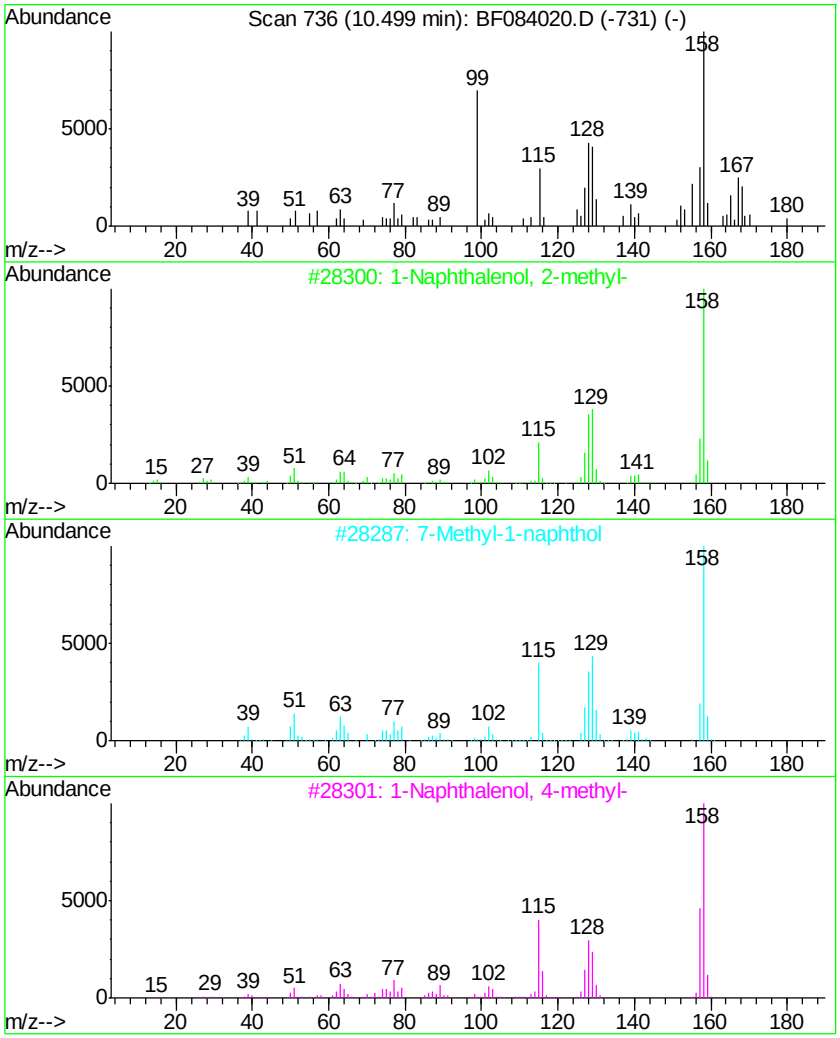
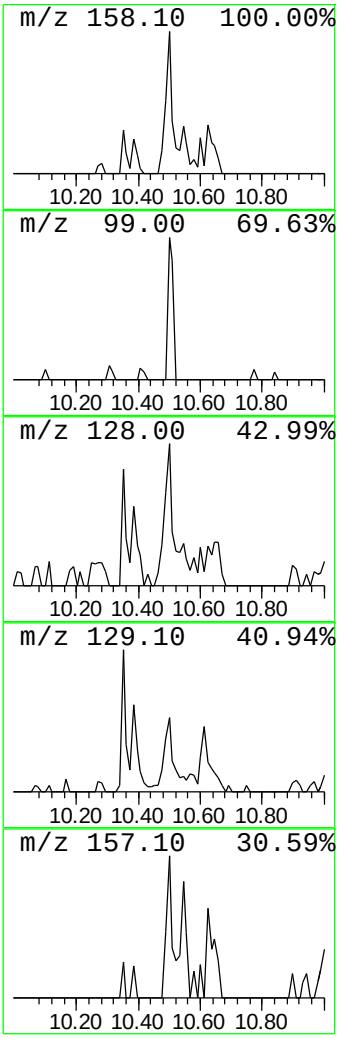
Peak Number 18 1-Naphthalenol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	8.08 ng	177848	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	93
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	86
3	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	47
4	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	30
5	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	22





Tentatively Identified Compound (LSC) summary

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Data File : BF084020.D
Acq On : 23 Dec 2015 6:08
Operator : UM/SJ
Sample : G4916-12
Misc :
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Instrument : BNA_F
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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
Formamide, N,N-di...	4.01	22.1	ng	459026	1	6.83	415698	20.0
2-Pentanone, 4-hy...	5.00	3.8	ng	78181	1	6.83	415698	20.0
Benzene, 1,3-dime...	5.39	7.5	ng	155517	1	6.83	415698	20.0
Benzene, 1-ethyl-...	6.35	3.9	ng	81694	1	6.83	415698	20.0
unknown6.60	6.60	70.9	ng	1474230	1	6.83	415698	20.0
Benzene, 1-propenyl-	6.66	12.8	ng	265214	1	6.83	415698	20.0
Benzene, 1,2,3-tr...	6.89	5.1	ng	105794	1	6.83	415698	20.0
Phenol, 4-methyl-	7.25	4.9	ng	102393	1	6.83	415698	20.0
Benzene, 1-butynyl-	7.89	4.2	ng	462047	2	8.11	2225380	20.0
Naphthalene, 2,7-...	9.46	7.5	ng	164746	3	9.87	440457	20.0
Naphthalene, 1,5-...	9.55	4.0	ng	87872	3	9.87	440457	20.0
Naphthalene, 1,6-...	9.64	5.9	ng	130354	3	9.87	440457	20.0
1-Naphthalenol, 2...	10.50	8.1	ng	177848	3	9.87	440457	20.0