LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

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-BF123115.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	4.453	203	207	209	rVB	360767	502754	1.62%	0.198%
2	5.081	260	262	265	rVB	962963	1209478	3.90%	0.477%
3	5.161	267	269	271	rVV	2351668	2735223	8.83%	1.078%
4	5.493	296	298	301	rVV	4704363	4999923	16.14%	1.971%
5	5.939	335	337	340	rVB2	429307	435229	1.40%	0.172%
6	6.007	341	343	345	rBV	333914	383667	1.24%	0.151%
7	6.053	345	347	349	rVB	1652194	1508773	4.87%	0.595%
8	6.110	349	352	353	rBV2	407049	634215	2.05%	0.250%
9	6.201	358	360	363	rBV2	682023	1170800	3.78%	0.462%
10	6.407	374	378	380	rBV3	239587	420399	1.36%	0.166%
11	6.522	386	388	390	rVB	3337413	3066921	9.90%	1.209%
12	6.567	390	392	394	rVB	308080	440575	1.42%	0.174%
13	6.659	397	400	402	rBV	7727764	8067113	26.04%	3.180%
14	6.773	406	410	412	rBV4	130139	344397	1.11%	0.136%
15	6.819	412	414	415	rVB	239316	316425	1.02%	0.125%
16	6.887	418	420	424	rBV	2670862	2544640	8.21%	1.003%
17	6.956	424	426	429	rVB3	341251	567641	1.83%	0.224%
18	7.047	432	434	436	rBV	8203062	8341405	26.93%	3.288%
19	7.139	439	442	444	rBV3	194416	359276	1.16%	0.142%
20	7.230	447	450	454	rVB4	558066	1390635	4.49%	0.548%
21	7.459	454	470	472	rBV	7828478	19125337	61.74%	7.539%
22	7.539	472	477	479	rVV	3546916	11566445	37.34%	4.559%
23	7.642	479	486	487	rVV4	2308916	8890712	28.70%	3.505%
24	7.664	487	488	491	rVV3	3353623	5197231	16.78%	2.049%
25	7.710	491	492	494	rVB	1692337	1821715	5.88%	0.718%
26	7.756	494	496	498	rBV2	1696601	2904808	9.38%	1.145%
27	7.859	498	505	508	rBV2	3399332	11996177	38.73%	4.729%
28	7.905	508	509	511	rVB2	2135958	1653138	5.34%	0.652%
29	7.973	513	515	517	rBV2	621398	727370	2.35%	0.287%
30	8.007	517	518	520	rBV2	518580	796992	2.57%	0.314%
31	8.042	520	521	524	rVB2	648374	554797	1.79%	0.219%
32	8.099	524	526	529	rVB3	597475	1258011	4.06%	0.496%
33	8.179	529	533	536	rBV	4458690	5949070	19.20%	2.345%
34	8.247	536	539	541	rVB3	760242	1513470	4.89%	0.597%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.339	543	547	550	rBV3	1370413	4444452	14.35%	1.752%
36	8.430	550	555	557	rVV5	1434814	5065707	16.35%	1.997%
37	8.487	557	560	562	rVV2	1226925	3181708	10.27%	1.254%
38	8.533	562	564	565	rVV	1255313	2249880	7.26%	0.887%
39	8.682	565	577	580	rVV5	4657351	30977425	100.00%	12.211%
40	8.727	580	581	583	rVV2	2087969	3831506	12.37%	1.510%
41	8.762	583	584	588	rVB3	2710769	5480796	17.69%	2.160%
42	8.842	588	591	592	rBV	2740976	3686268	11.90%	1.453%
43	8.887	592	595	596	rVV2	2859428	6689600	21.60%	2.637%
44	8.967	600	602	605	rVB	2540287	3076466	9.93%	1.213%
45	9.059	609	610	611	rVV	726332	554811	1.79%	0.219%
46	9.127	614	616	618	rVB3	812896	1287520	4.16%	0.508%
47	9.207	620	623	625	rBV4	2394246	3726353	12.03%	1.469%
48	9.265	625	628	629	rBV	10141117	10699047	34.54%	4.217%
49	9.287	629	630	634	rVB3	1361591	2124213	6.86%	0.837%
50	9.368	634	637	638	rBV3	581973	1173217	3.79%	0.462%
51	9.459	643	645	647	rVV	1442172	2004739	6.47%	0.790%
52	9.505	647	649	651	rVB3	770860	1057911	3.42%	0.417%
53	9.539	651	652	654	rBV2	339271	628535	2.03%	0.248%
54	9.596	654	657	659	rVV4	1244475	2281302	7.36%	0.899%
55	9.653	659	662	665	rVV2	694874	1586215	5.12%	0.625%
56	9.756	669	671	673	rVV	4299182	5052542	16.31%	1.992%
57	9.836	675	678	680	rVB4	530190	1303128	4.21%	0.514%
58	9.882	680	682	684	rBV3	525081	1029041	3.32%	0.406%
59	9.939	684	687	689	rVB2	3614065	3964716	12.80%	1.563%
60	9.973	689	690	692	rBV2	255731	313240	1.01%	0.123%
61	10.019	692	694	696	rBV2	520288	661188	2.13%	0.261%
62	10.110	701	702	704	rVB2	451475	352500	1.14%	0.139%
63	10.179	706	708	711	rVV2	776788	1348307	4.35%	0.531%
64	10.270	713	716	723	rVB5	1286069	4353479	14.05%	1.716%
65	10.373	723	725	728	rBV2	1100422	1700301	5.49%	0.670%
66	10.556	739	741	742	rVV2	509248	668317	2.16%	0.263%
67	10.636	746	748	751	rBV3	351619	732581	2.36%	0.289%
68	10.728	753	756	758	rVV	5437546	6203248	20.03%	2.445%
69	10.773	758	760	764	rVB4	502813	819320	2.64%	0.323%
70	10.842	764	766	769	rBV3	455248	736243	2.38%	0.290%
71	10.991	777	779	782	rVB4	332271	482529	1.56%	0.190%

LSC Area Percent Report

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Sample : G4982-01
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Instrument : BNA_F
ClientSampleId : S8-0535

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.288	803	805	807	rVB3	248752	427930	1.38%	0.169%
73	11.425	814	817	818	rBV	2634257	2678547	8.65%	1.056%
74	11.962	862	864	866	rVB	370613	418906	1.35%	0.165%
75	12.831	938	940	942	rBV	406332	376168	1.21%	0.148%
76	13.014	953	956	958	rBV	5933316	7225498	23.33%	2.848%
77	13.905	1032	1034	1037	rBV	289185	312241	1.01%	0.123%
78	14.054	1045	1047	1050	rBV	1906618	1711952	5.53%	0.675%
79	15.494	1170	1173	1176	rBV	1170011	1614316	5.21%	0.636%

Sum of corrected areas: 253688671

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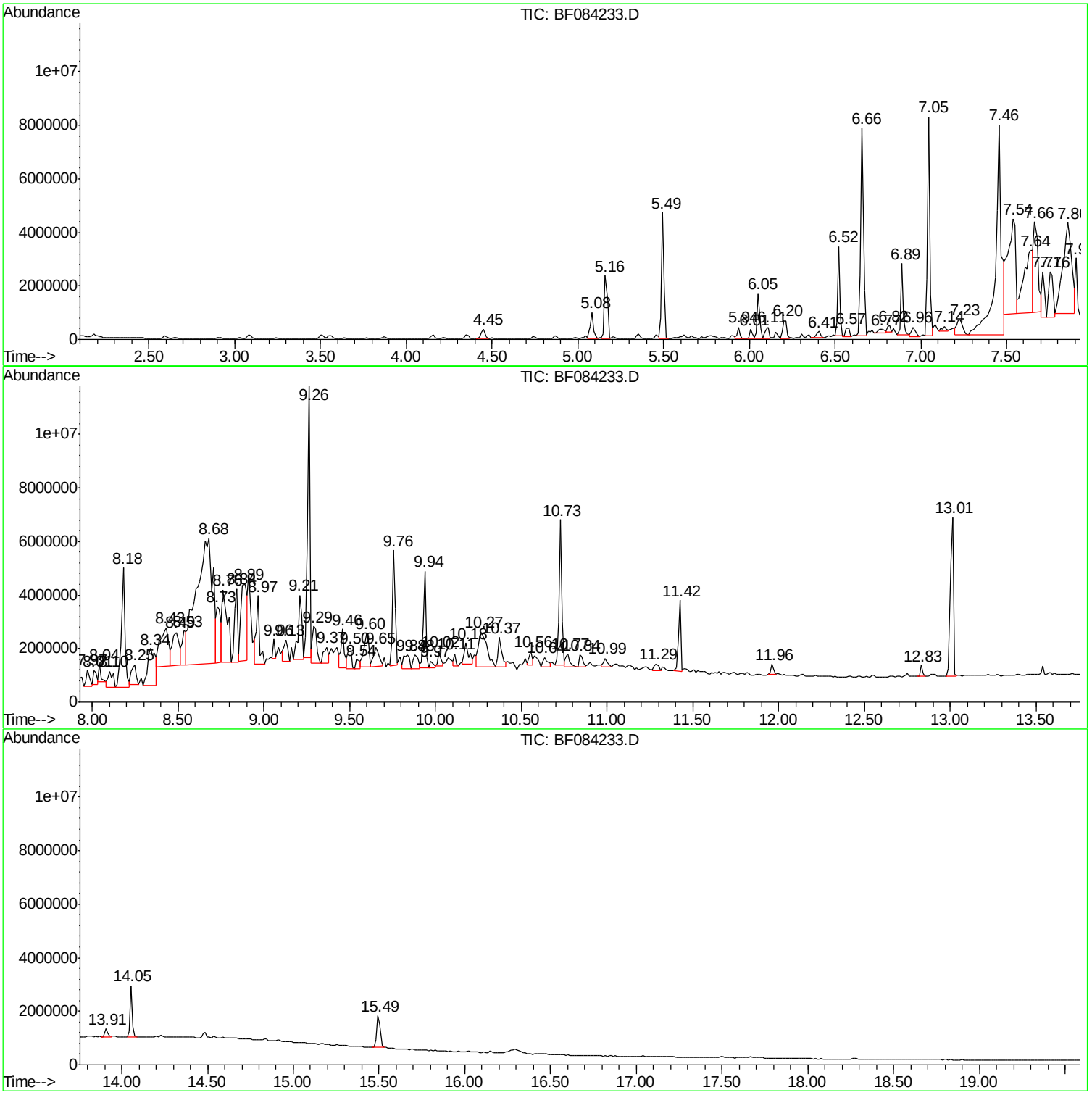
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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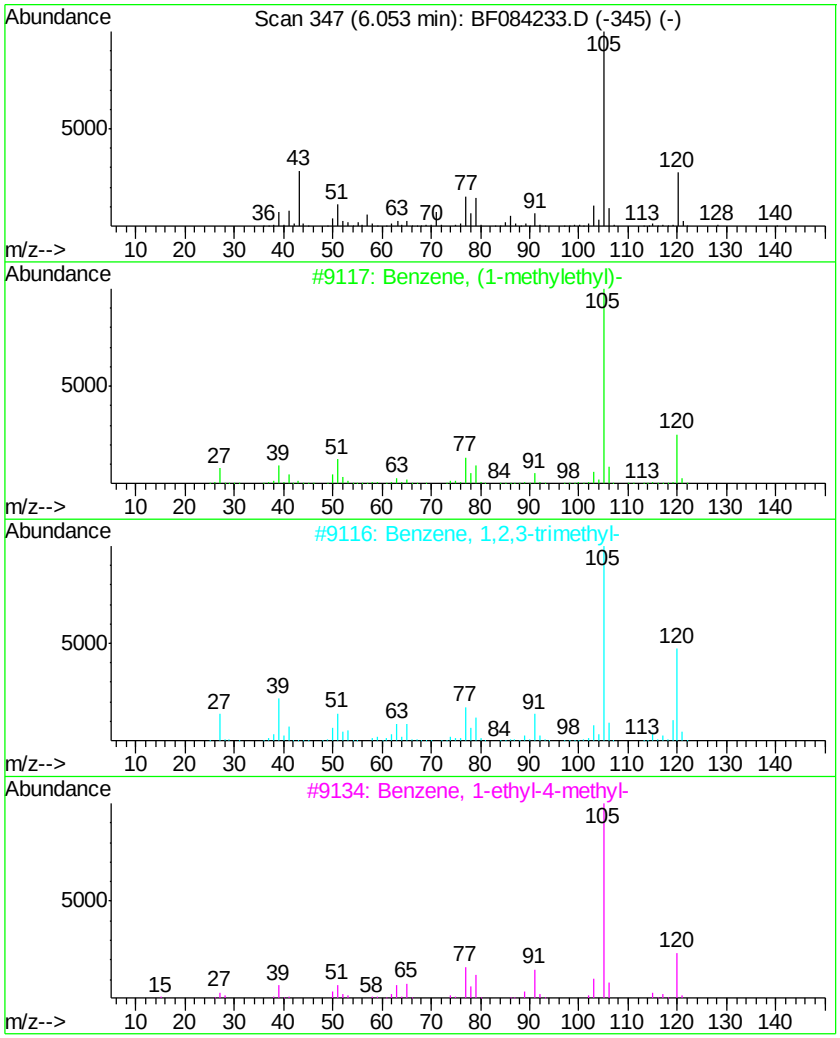
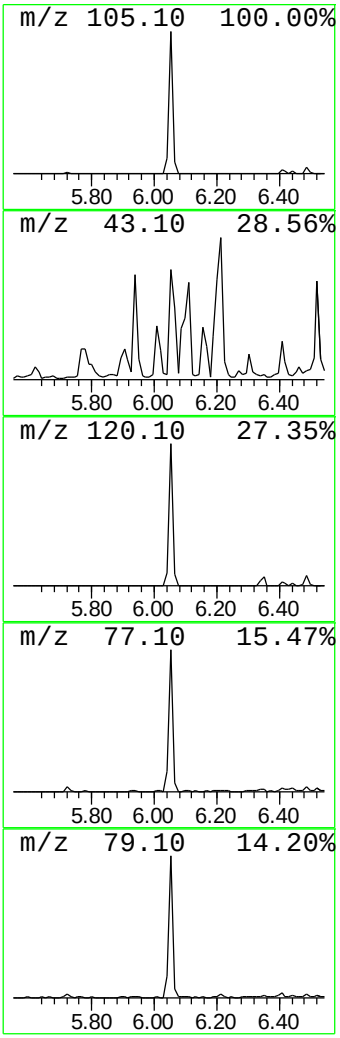
Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	11.86 ng	1508770	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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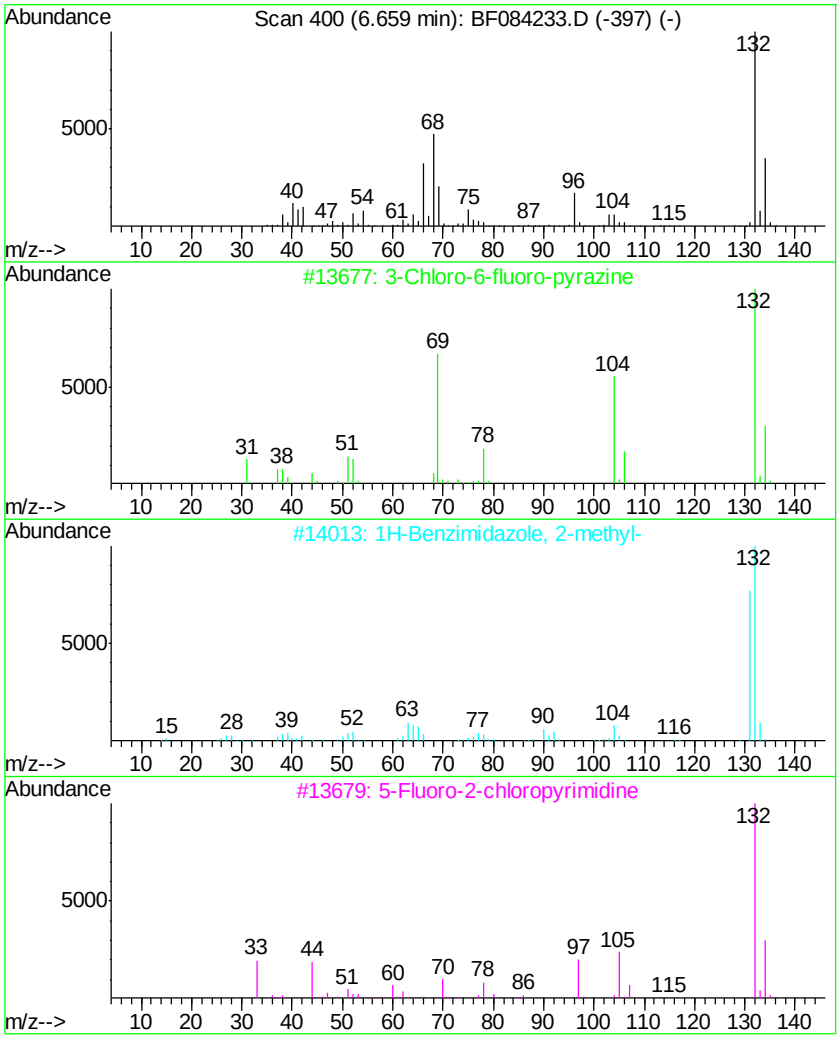
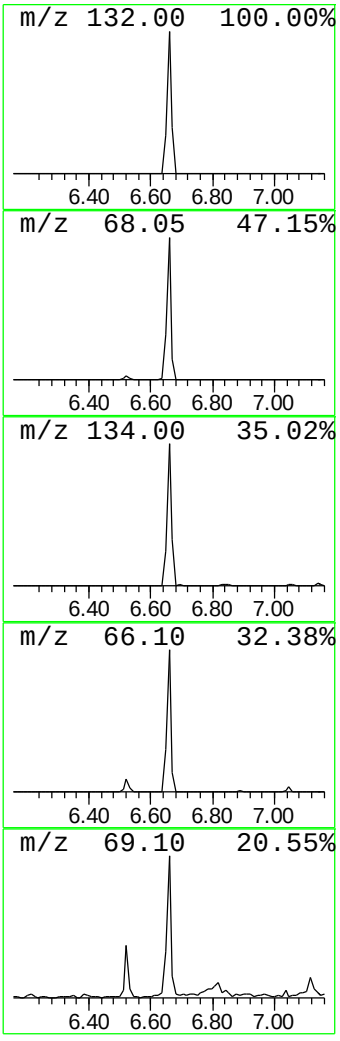
Peak Number 3 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	63.40 ng	8067110	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
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Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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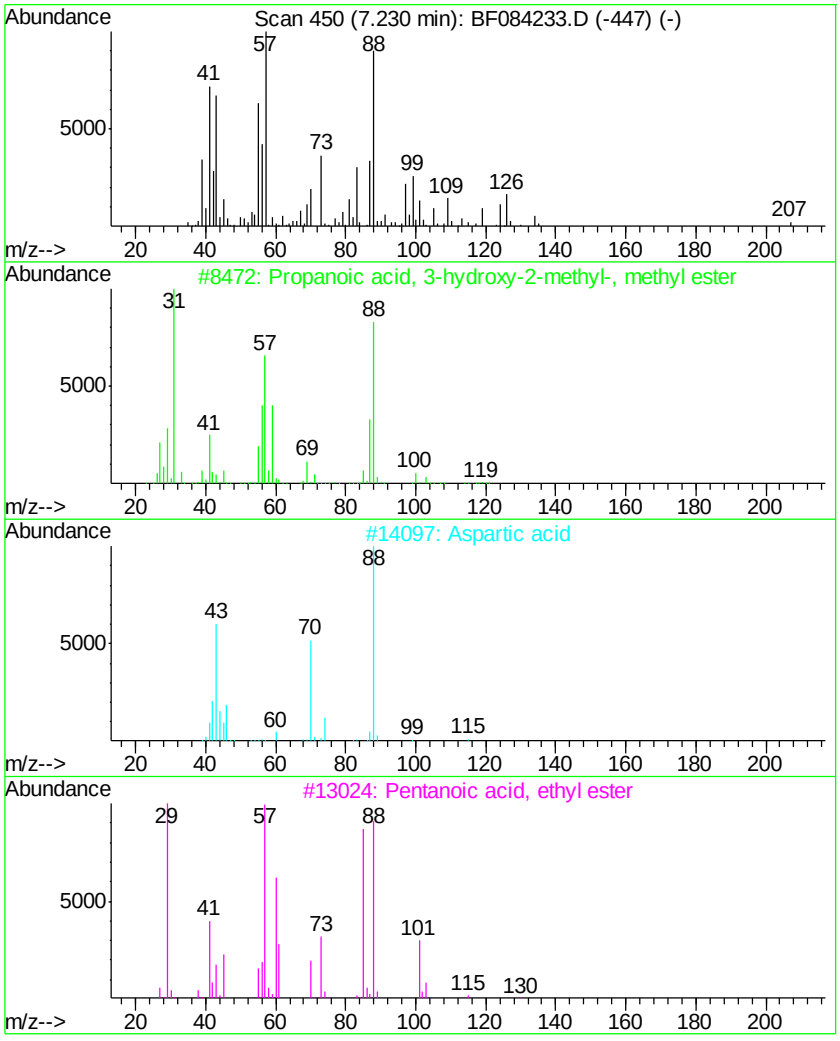
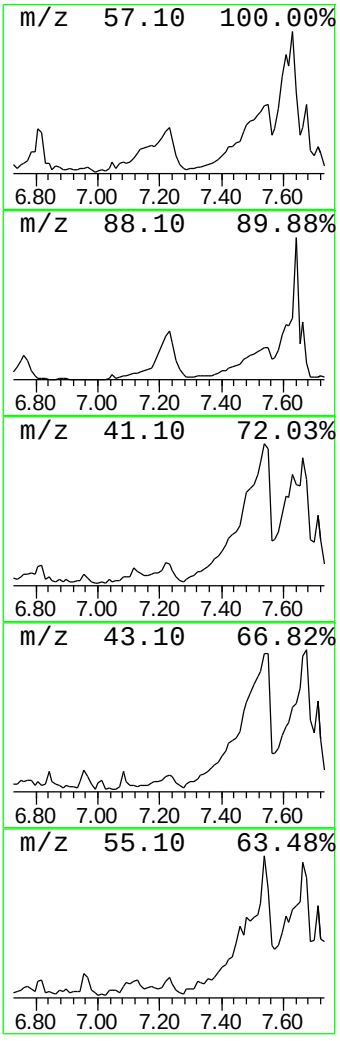
Peak Number 5 unknown7.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	10.93 ng	1390640	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	37
2	Aspartic acid	133	C4H7NO4	000056-84-8	22
3	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	16
4	3-Aza-2-oxabicyclo[2.2.2]oct-5-e...	267	C10H12F3NO4	102698-35-1	16
5	.alpha.-Ethyl aspartate	161	C6H11NO4	1000132-78-1	14





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Sample : G4982-01
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Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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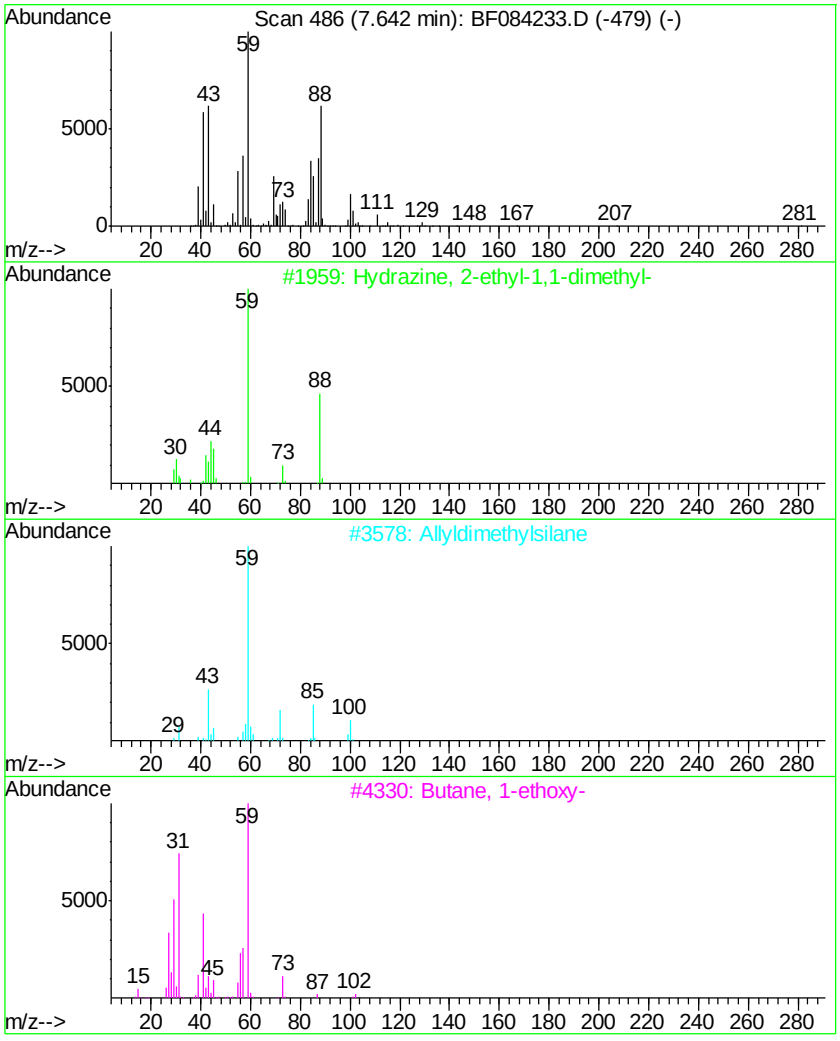
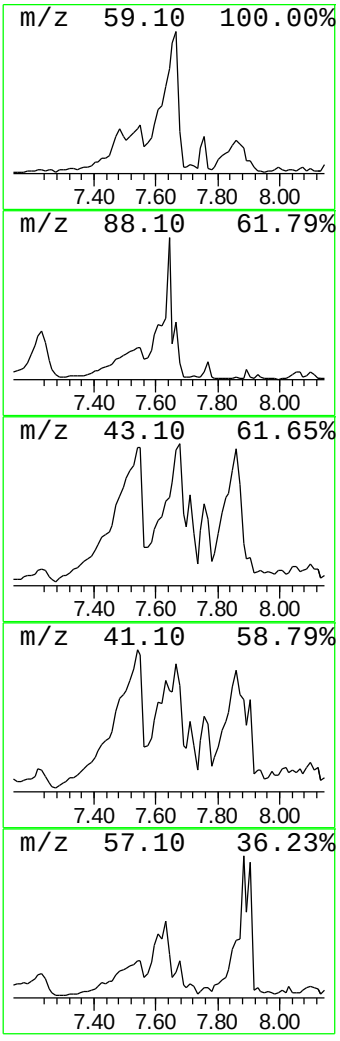
Peak Number 7 unknown7.64 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	29.89 ng	8890710	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 2-ethyl-1,1-dimethyl-	88	C4H12N2	029559-82-8	38
2	Allyldimethylsilane	100	C5H12Si	003937-30-2	32
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	27
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	27
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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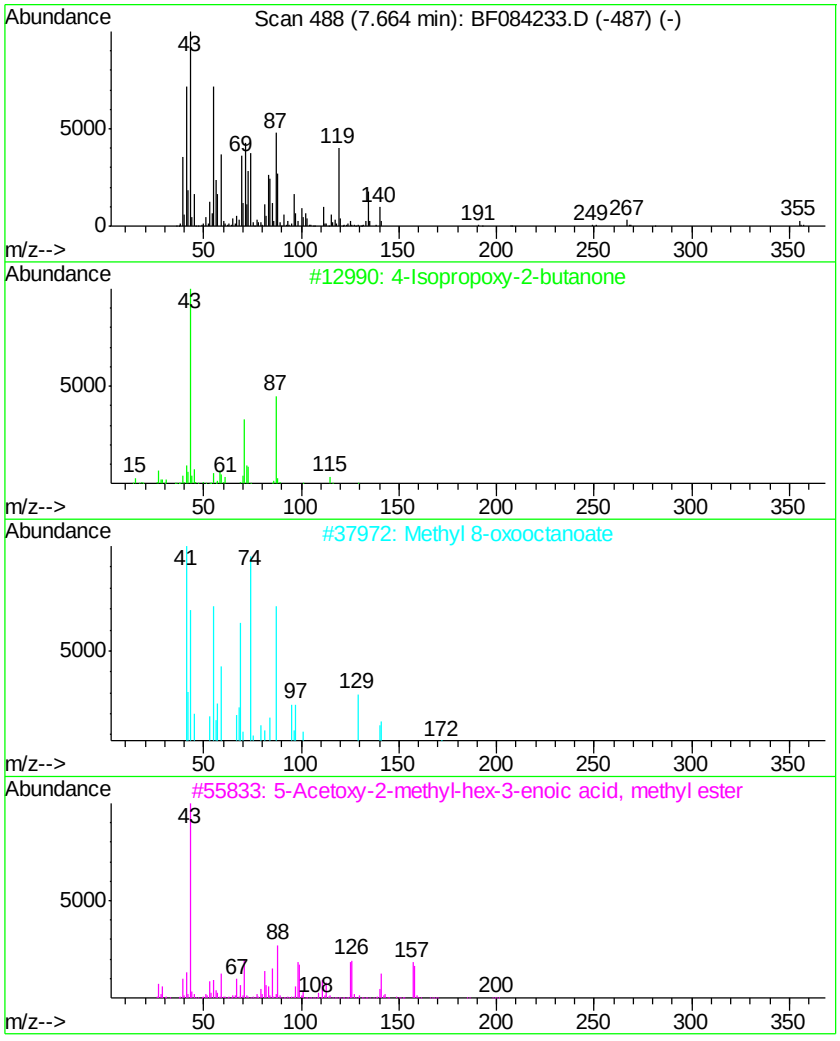
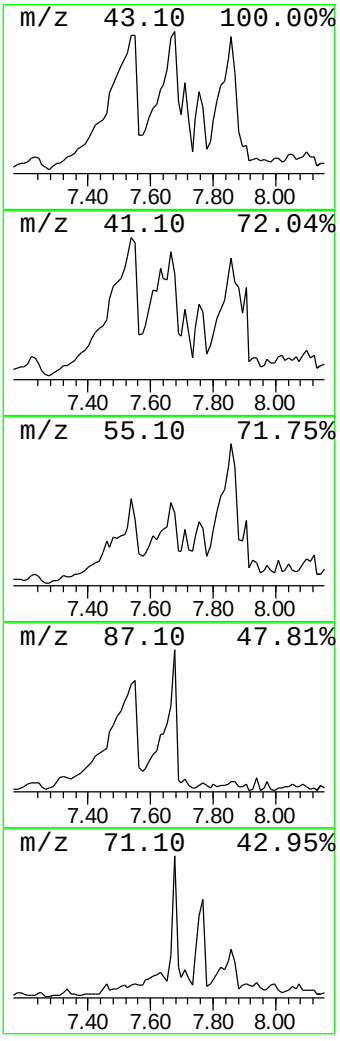
Peak Number 8 unknown7.66 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	17.47 ng	5197230	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropoxy-2-butanone	130	C7H14O2	032541-58-5	27
2	Methyl 8-oxooctanoate	172	C9H16O3	004316-48-7	12
3	5-Acetoxy-2-methyl-hex-3-enoic a...	200	C10H16O4	1000193-58-4	10
4	2-Pentadecanol acetate	270	C17H34O2	1000245-62-0	10
5	5-Hexen-3-ol, 2,3-dimethyl-	128	C8H16O	019550-90-4	10





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Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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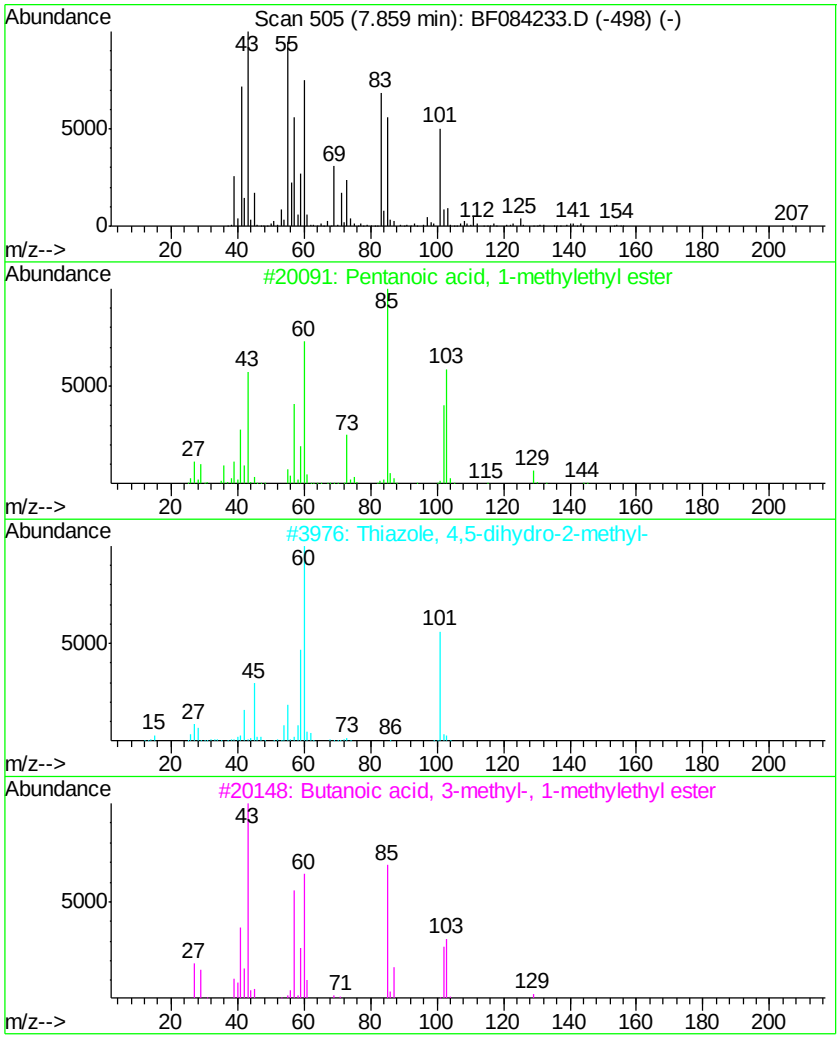
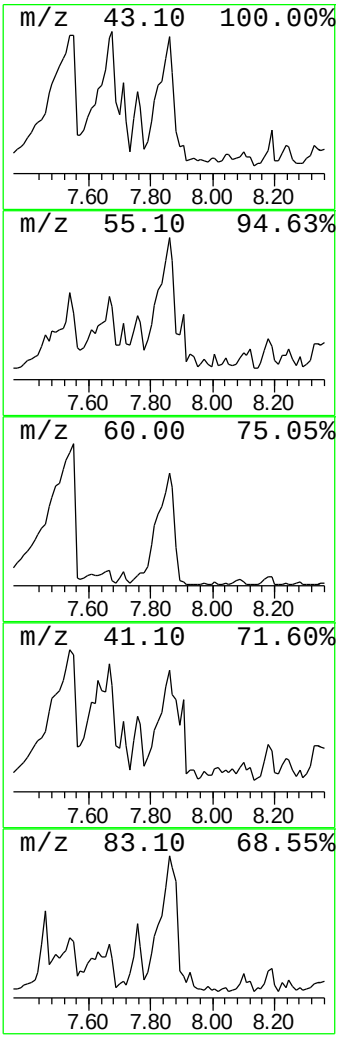
Peak Number 9 unknown7.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	40.33 ng	11996200	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	43
2	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	35
3	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	32
4	Cyclobutanecarboxylic acid, 2-pe...	170	C10H18O2	1000282-60-5	22
5	Hexanoic acid	116	C6H12O2	000142-62-1	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

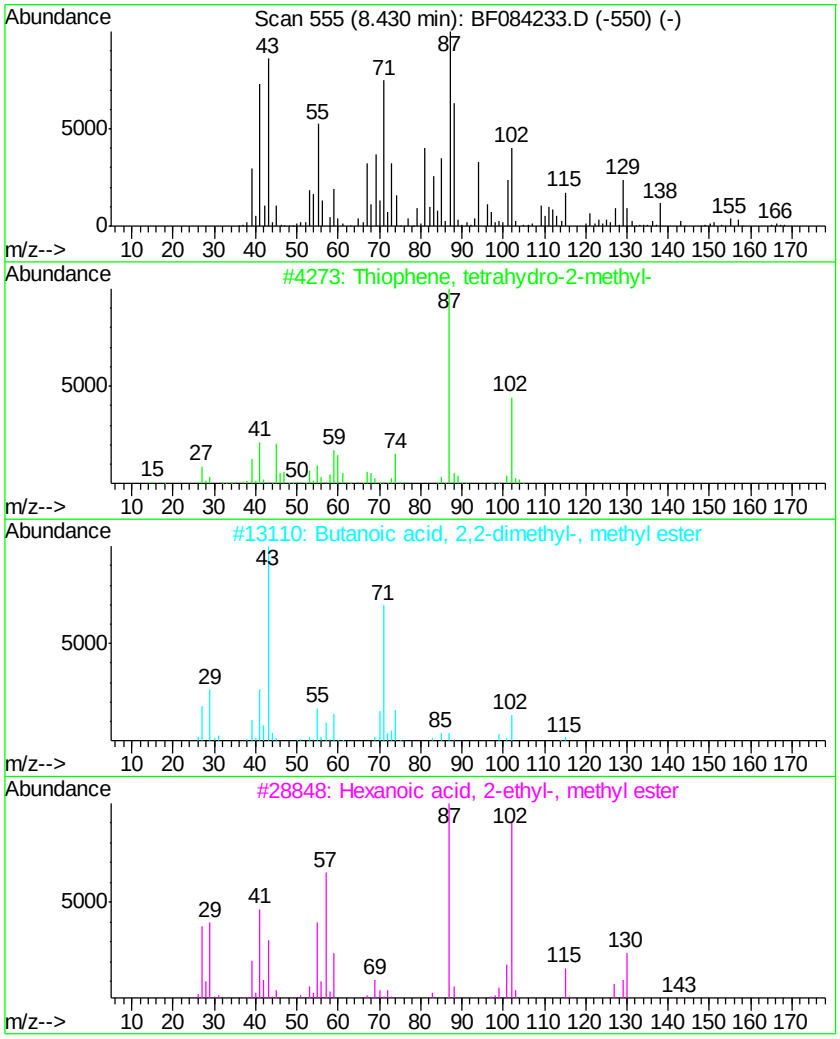
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

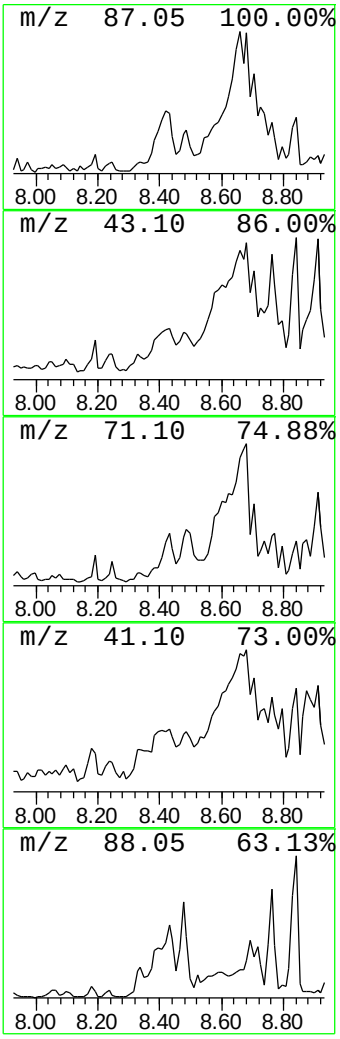
****

Peak Number 11 unknown8.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	17.03 ng	5065710	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	27
2	Butanoic acid, 2,2-dimethyl-, me...	130	C7H14O2	000813-67-2	27
3	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	22
4	1,3-Dioxolane-2-propanal, 2-methyl-	144	C7H12O3	024108-29-0	22
5	Butane, 1-bromo-2-methyl-	150	C5H11Br	010422-35-2	15





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Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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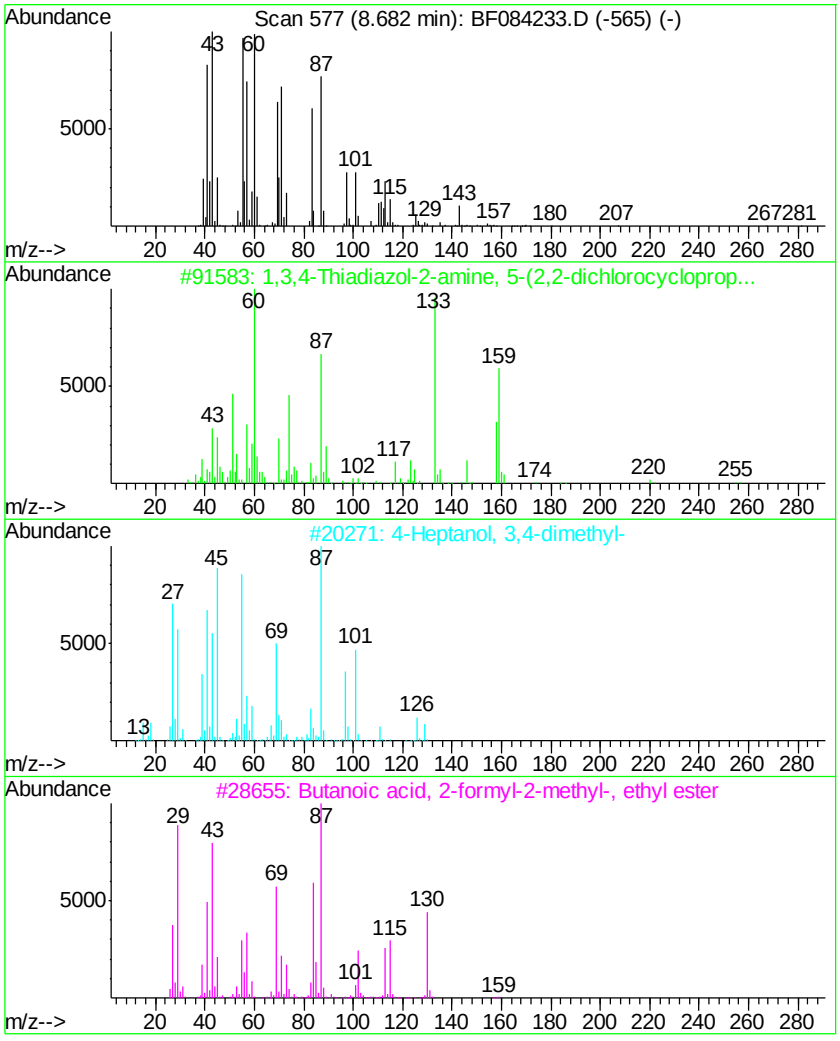
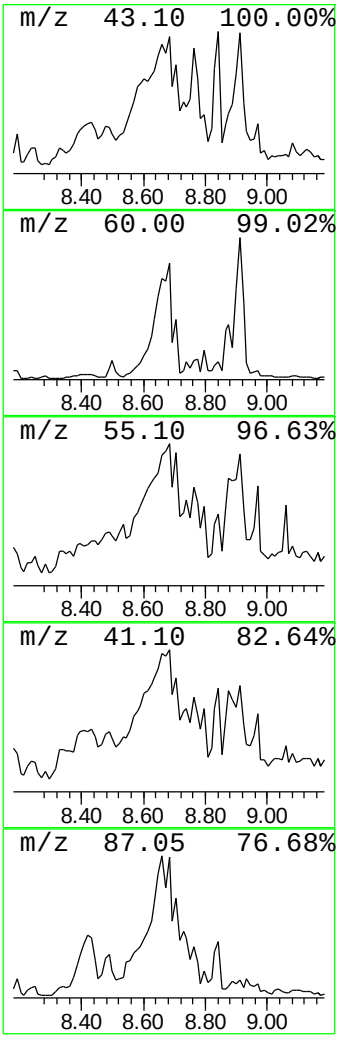
Peak Number 12 unknown8.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	104.14 ng	30977400	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazol-2-amine, 5-(2,2...	255	C6H7Cl2N3S2	338407-70-8	35
2	4-Heptanol, 3,4-dimethyl-	144	C9H20O	005406-10-0	27
3	Butanoic acid, 2-formyl-2-methyl...	158	C8H14O3	1000197-63-2	14
4	Nonanoic acid	158	C9H18O2	000112-05-0	14
5	Cyclopropanecarboxylic acid, non...	212	C13H24O2	060128-06-5	14





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Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
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Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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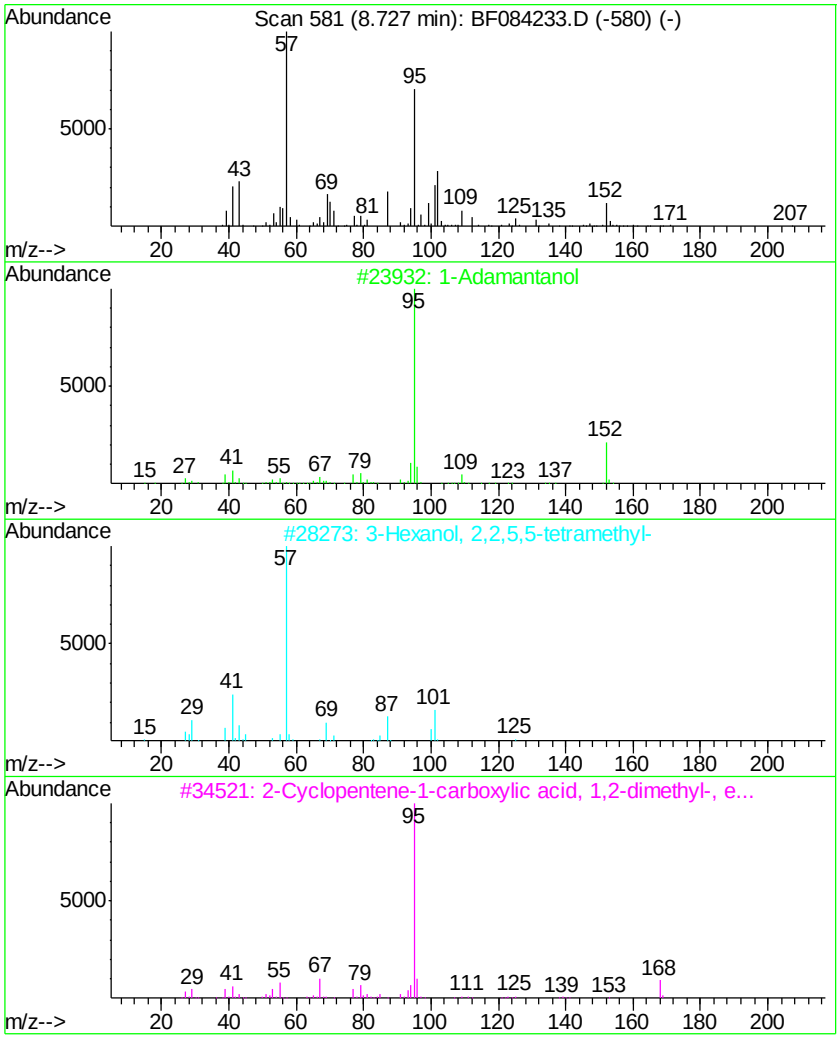
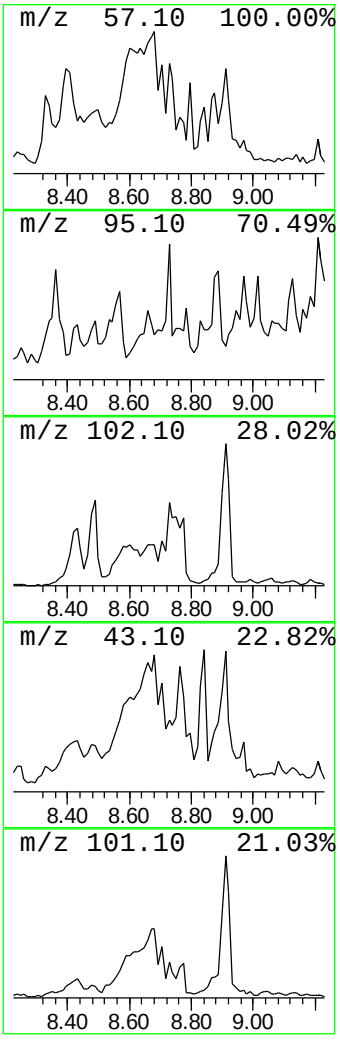
Peak Number 13 unknown8.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	12.88 ng	3831510	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	30
2	3-Hexanol, 2,2,5,5-tetramethyl-	158	C10H22O	055073-86-4	12
3	2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	10
4	2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	10
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	10





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Acq On : 4 Jan 2016 12:36
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Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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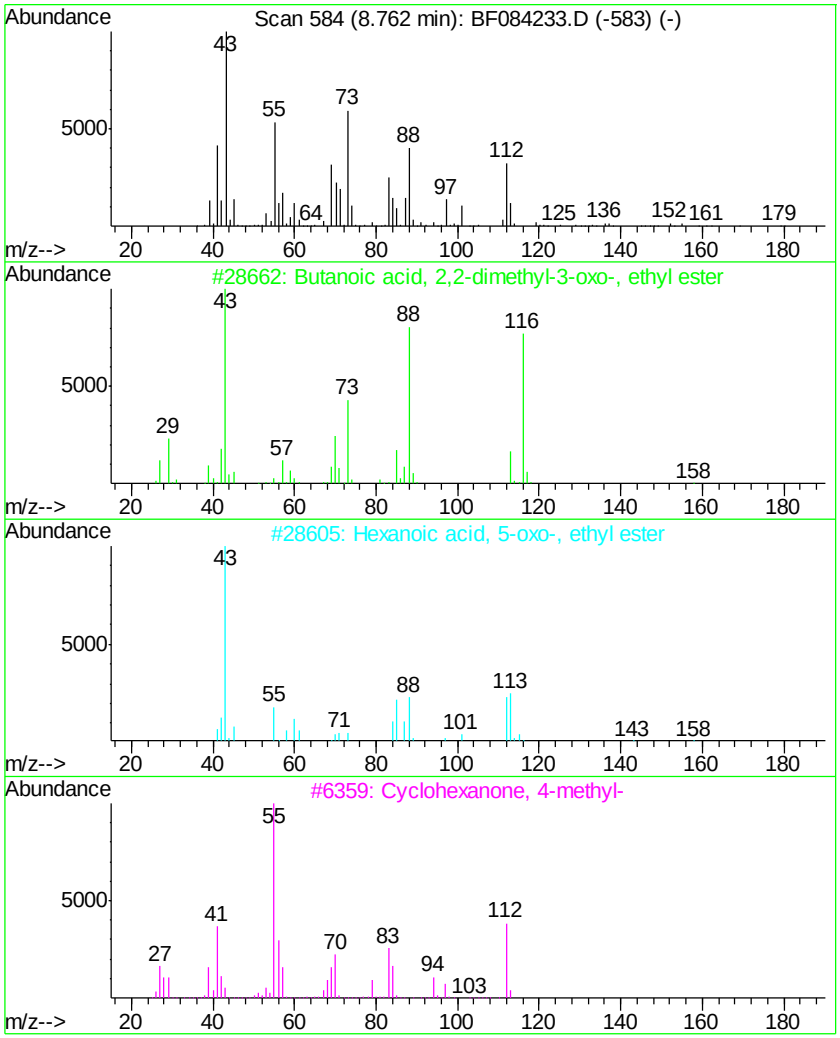
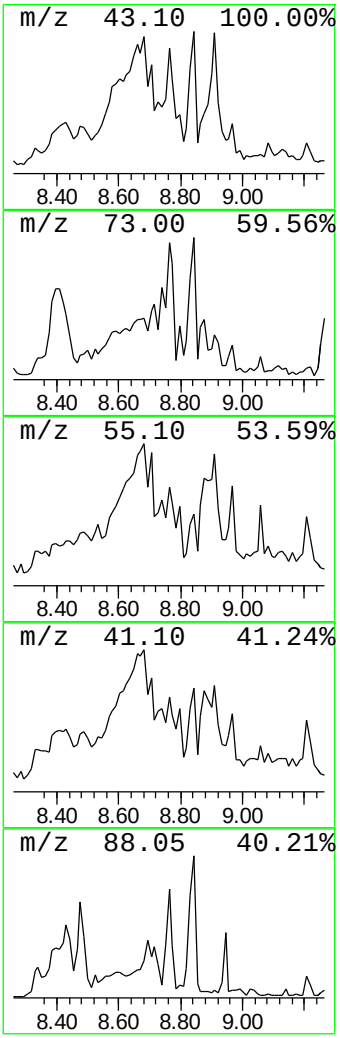
Peak Number 14 unknown8.76 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	18.43 ng	5480800	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2,2-dimethyl-3-ox...	158	C8H14O3	000597-04-6	38
2	Hexanoic acid, 5-oxo-, ethyl ester	158	C8H14O3	013984-57-1	25
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	22
4	Ethyl 2-isocyanato-4-methyl vale...	185	C9H15NO3	064505-10-8	14
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	14





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Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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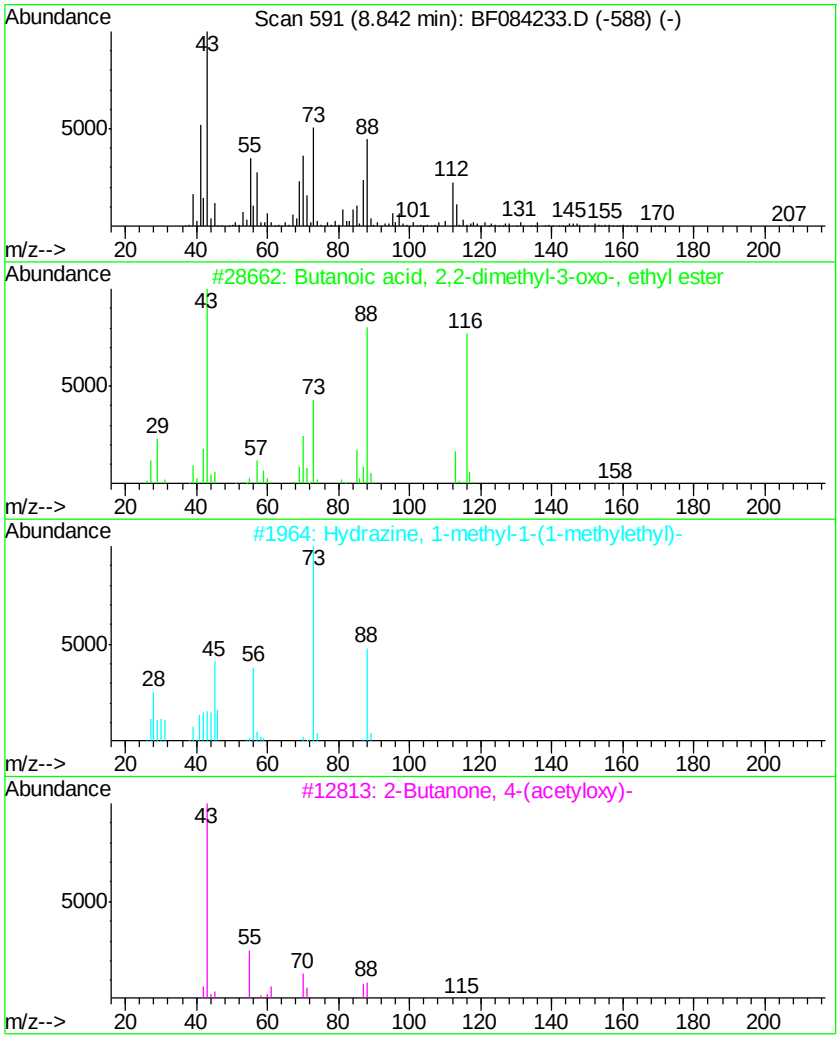
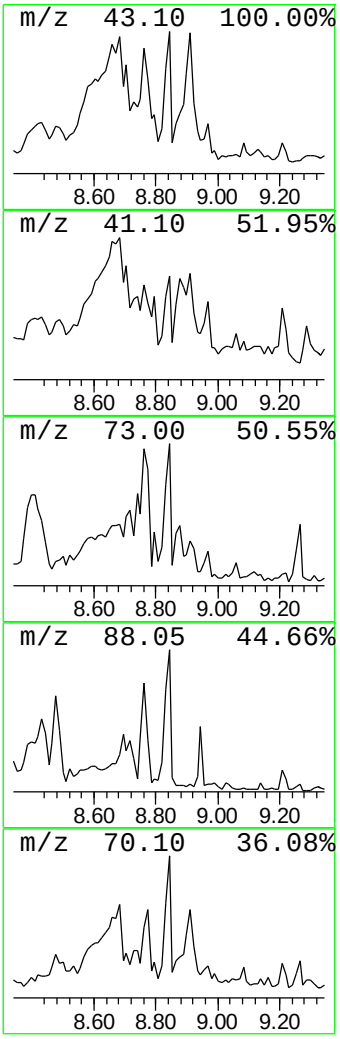
Peak Number 15 unknown8.84 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	12.39 ng	3686270	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2,2-dimethyl-3-ox...	158	C8H14O3	000597-04-6	38
2	Hydrazine, 1-methyl-1-(1-methyle...	88	C4H12N2	033668-54-1	27
3	2-Butanone, 4-(acetyloxy)-	130	C6H10O3	010150-87-5	27
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	25
5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	25





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Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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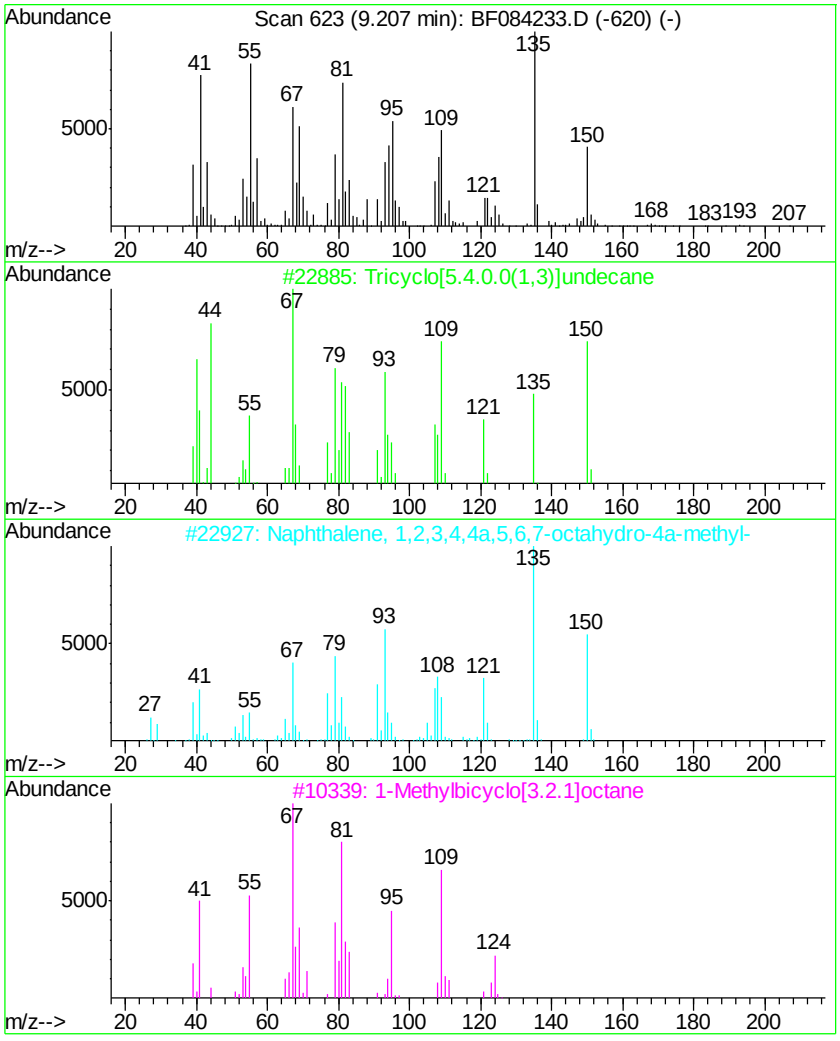
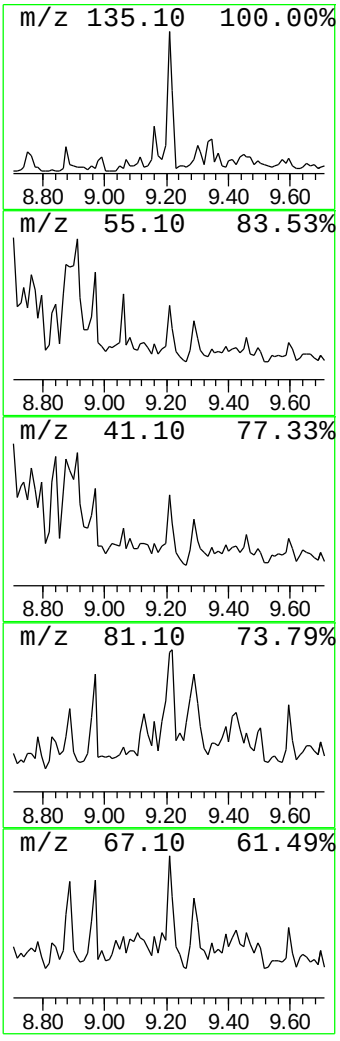
Peak Number 17 unknown9.21 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	18.80 ng	3726350	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.4.0.0(1,3)]undecane	150	C11H18	1000280-74-7	46
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	43
3	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	41
4	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	38
5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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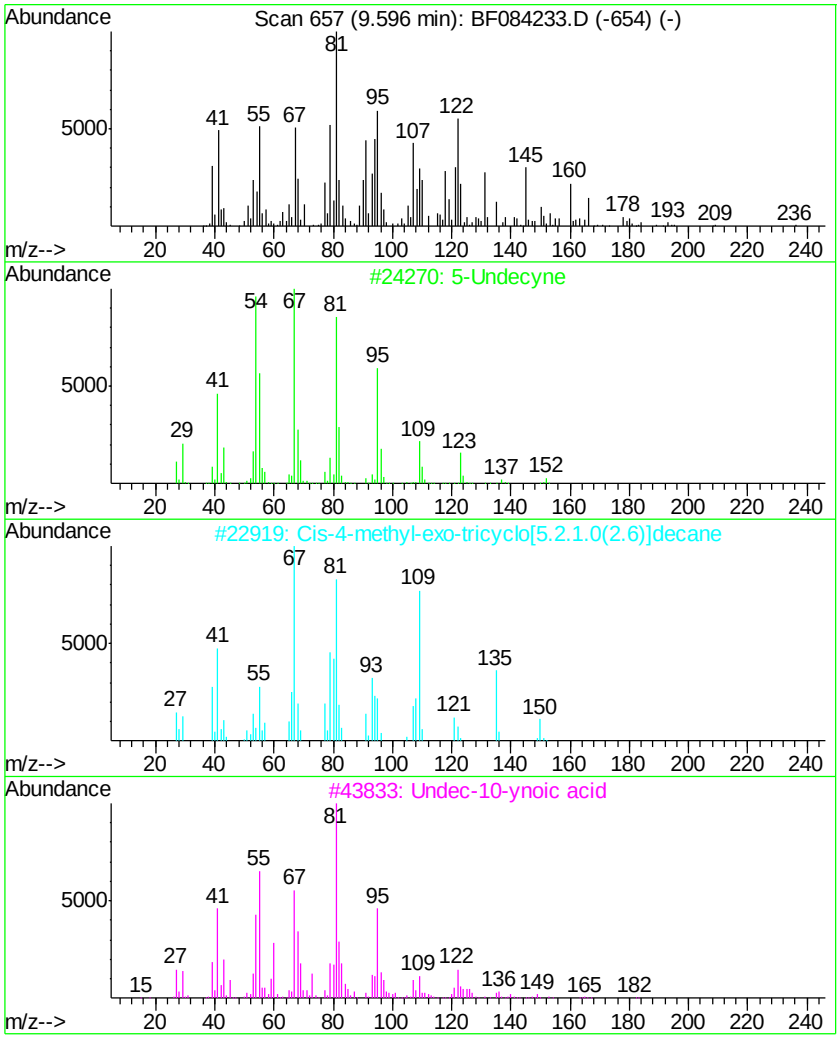
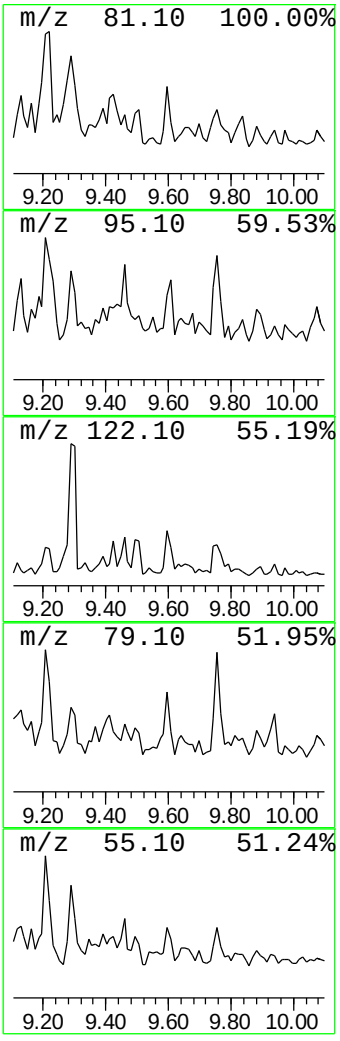
Peak Number 18 unknown9.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	11.51 ng	2281300	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecyne	152	C11H20	002294-72-6	38
2	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	25
3	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	25
4	Bicyclo[3.3.0]octan-2-one, 7-eth...	150	C10H14O	1000154-23-2	25
5	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	25





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Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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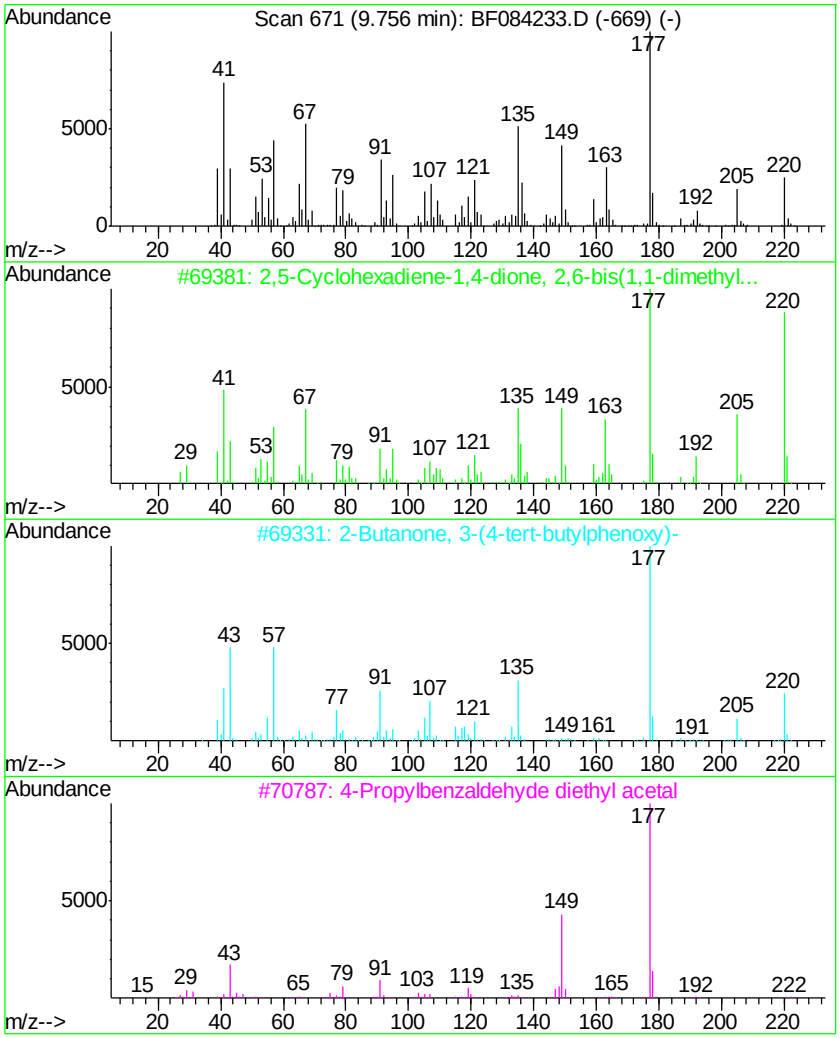
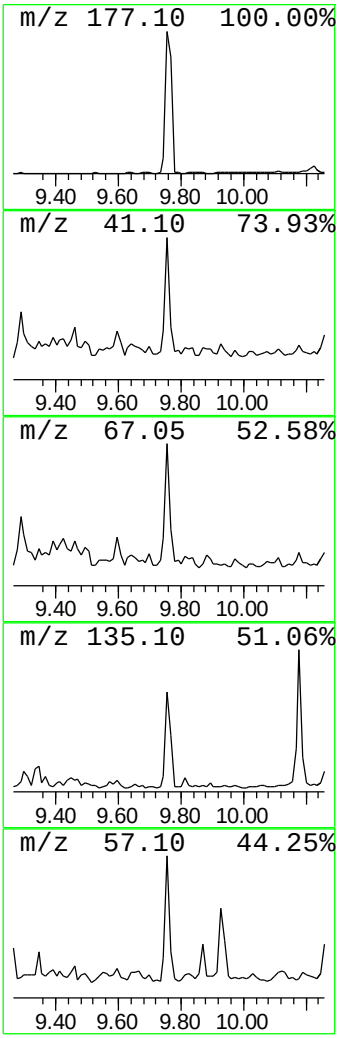
Peak Number 19 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	25.49 ng	5052540	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	46
3	4-Propylbenzaldehyde diethyl acetal	222	C14H22O2	089557-35-7	38
4	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	30
5	Bicyclo[6.3.0]undec-1(8)-en-3-on...	220	C15H24O	1000164-02-7	27





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Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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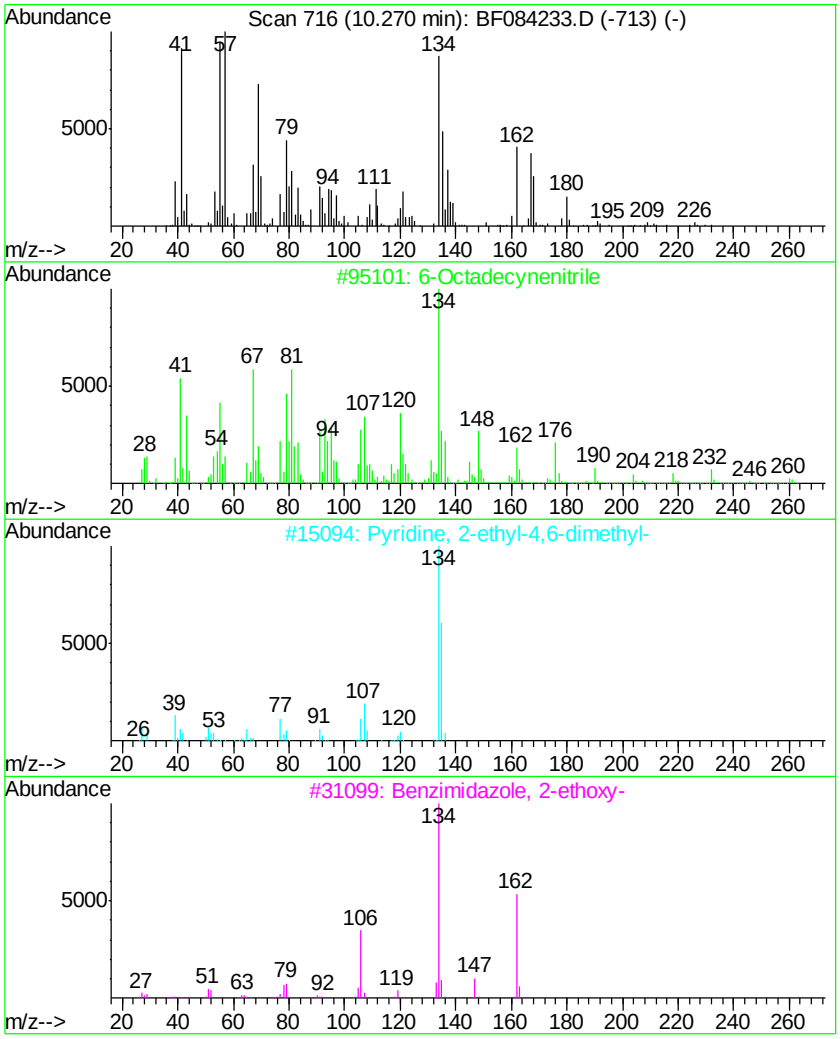
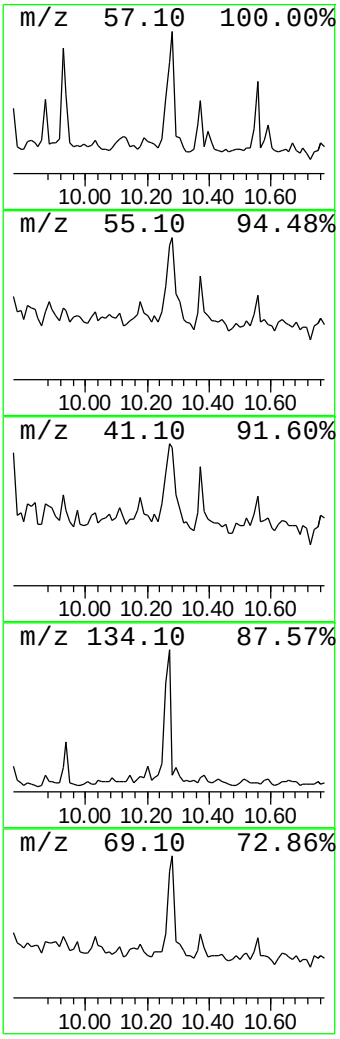
Peak Number 20 unknown10.27 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	21.96 ng	4353480	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecynenitrile	261	C18H31N	056600-19-2	32
2	Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	27
3	Benzimidazole, 2-ethoxy-	162	C9H10N2O	022219-23-4	27
4	Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	27
5	7H-Cyclopenta[a]pentalen-7-one, ...	162	C11H14O	108686-36-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084233.D
Acq On : 4 Jan 2016 12:36
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
Benzene, (1-methy...	6.05	11.9	ng	1508770	1	6.89	2544640	20.0
unknown6.66	6.66	63.4	ng	8067110	1	6.89	2544640	20.0
unknown7.23	7.23	10.9	ng	1390640	1	6.89	2544640	20.0
unknown7.64	7.64	29.9	ng	8890710	2	8.18	5949070	20.0
unknown7.66	7.66	17.5	ng	5197230	2	8.18	5949070	20.0
unknown7.86	7.86	40.3	ng	11996200	2	8.18	5949070	20.0
unknown8.43	8.43	17.0	ng	5065710	2	8.18	5949070	20.0
unknown8.68	8.68	104.1	ng	30977400	2	8.18	5949070	20.0
unknown8.73	8.73	12.9	ng	3831510	2	8.18	5949070	20.0
unknown8.76	8.76	18.4	ng	5480800	2	8.18	5949070	20.0
unknown8.84	8.84	12.4	ng	3686270	2	8.18	5949070	20.0
unknown9.21	9.21	18.8	ng	3726350	3	9.94	3964720	20.0
unknown9.60	9.60	11.5	ng	2281300	3	9.94	3964720	20.0
2,5-Cyclohexadien...	9.76	25.5	ng	5052540	3	9.94	3964720	20.0
unknown10.27	10.27	22.0	ng	4353480	3	9.94	3964720	20.0