LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

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-BF012218.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	4.828	461	466	470	rVB	76656	86419	1.90%	0.187%
2	4.910	477	480	490	rVB	61969	93814	2.06%	0.203%
3	5.281	539	543	547	rBV2	117222	165855	3.65%	0.359%
4	5.328	547	551	557	rVB	2887805	2982504	65.57%	6.450%
5	5.504	577	581	584	rVB2	91116	103241	2.27%	0.223%
6	5.545	584	588	595	rVB2	114172	131517	2.89%	0.284%
7	5.722	612	618	621	rVB	105863	125054	2.75%	0.270%
8	5.857	637	641	646	rVB3	130814	132856	2.92%	0.287%
9	5.951	654	657	660	rBV	208946	206723	4.54%	0.447%
10	6.234	702	705	708	rBV	218116	206841	4.55%	0.447%
11	6.310	714	718	722	rBV	121188	126271	2.78%	0.273%
12	6.363	722	727	731	rBV	2894599	3089575	67.93%	6.682%
13	6.445	738	741	744	rBV	92090	107629	2.37%	0.233%
14	6.486	744	748	751	rVV	3205641	3010972	66.20%	6.512%
15	6.539	753	757	760	rBV2	564568	563039	12.38%	1.218%
16	6.598	764	767	772	rBV5	80245	106056	2.33%	0.229%
17	6.663	772	778	781	rBV5	61240	119480	2.63%	0.258%
18	6.716	783	787	790	rVV	813637	708036	15.57%	1.531%
19	6.769	793	796	799	rBV2	267495	238931	5.25%	0.517%
20	6.804	799	802	804	rVB3	88727	83668	1.84%	0.181%
21	6.828	804	806	808	rBV2	73473	77240	1.70%	0.167%
22	6.869	808	813	820	rVB	2464701	2526513	55.55%	5.464%
23	6.986	830	833	836	rVB	220102	202310	4.45%	0.438%
24	7.034	836	841	843	rBV2	199086	204068	4.49%	0.441%
25	7.104	849	853	855	rBV2	269915	246507	5.42%	0.533%
26	7.133	855	858	863	rVB5	65134	92761	2.04%	0.201%
27	7.181	863	866	868	rBV2	133097	122331	2.69%	0.265%
28	7.251	875	878	880	rVB	235254	193600	4.26%	0.419%
29	7.286	880	884	886	rBV	1745414	1764858	38.80%	3.817%
30	7.310	886	888	891	rVB2	274732	212794	4.68%	0.460%
31	7.357	891	896	899	rVB4	464283	613573	13.49%	1.327%
32	7.404	899	904	906	rBV5	189002	327375	7.20%	0.708%
33	7.433	906	909	912	rBV4	85822	135267	2.97%	0.293%
34	7.486	916	918	921	rBV	585490	540826	11.89%	1.170%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1326-01
Misc :
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Instrument : BNA_F
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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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.516	921	923	929	rVB5	381555	383053	8.42%	0.828%
36	7.586	931	935	938	rBV	559702	525146	11.55%	1.136%
37	7.645	940	945	948	rVV3	345299	477303	10.49%	1.032%
38	7.716	954	957	958	rBV3	89237	98610	2.17%	0.213%
39	7.733	958	960	963	rVV3	311581	308398	6.78%	0.667%
40	7.792	967	970	975	rBV5	299701	444522	9.77%	0.961%
41	7.833	975	977	980	rVB	458082	368638	8.10%	0.797%
42	7.863	980	982	984	rBV2	129323	126162	2.77%	0.273%
43	7.898	986	988	992	rVB2	295686	322483	7.09%	0.697%
44	7.939	992	995	997	rBV2	640553	642731	14.13%	1.390%
45	7.981	999	1002	1003	rVV	448620	380580	8.37%	0.823%
46	7.998	1003	1005	1008	rVV2	1165319	963921	21.19%	2.085%
47	8.045	1011	1013	1016	rVB2	767707	629998	13.85%	1.362%
48	8.075	1016	1018	1021	rBV	330419	346789	7.62%	0.750%
49	8.169	1032	1034	1037	rBV3	182636	187922	4.13%	0.406%
50	8.198	1037	1039	1041	rVB2	402275	294027	6.46%	0.636%
51	8.228	1041	1044	1047	rBV	566953	789431	17.36%	1.707%
52	8.257	1047	1049	1051	rVV	320688	239760	5.27%	0.519%
53	8.292	1052	1055	1058	rVB3	733329	687112	15.11%	1.486%
54	8.322	1058	1060	1062	rBV2	228262	204735	4.50%	0.443%
55	8.380	1067	1070	1072	rBV2	570865	532937	11.72%	1.153%
56	8.410	1072	1075	1076	rBV2	301168	244184	5.37%	0.528%
57	8.439	1077	1080	1081	rBV2	596526	481606	10.59%	1.042%
58	8.457	1081	1083	1087	rVB2	968377	999200	21.97%	2.161%
59	8.504	1088	1091	1093	rBV	784080	625474	13.75%	1.353%
60	8.539	1093	1097	1099	rBV2	472236	652916	14.35%	1.412%
61	8.686	1119	1122	1125	rVB4	509242	585678	12.88%	1.267%
62	8.739	1129	1131	1134	rVB2	508353	407375	8.96%	0.881%
63	8.769	1134	1136	1139	rBV2	482284	545378	11.99%	1.179%
64	8.828	1143	1146	1150	rBV2	815774	1174040	25.81%	2.539%
65	9.080	1185	1189	1193	rBV	1635702	2071964	45.55%	4.481%
66	9.151	1199	1201	1204	rBV2	672656	934878	20.55%	2.022%
67	9.439	1245	1250	1256	rBV	1796181	4548487	100.00%	9.837%
68	13.904	2006	2009	2020	rVB	854098	1377769	30.29%	2.980%
69	14.368	2084	2088	2096	rVB2	1073733	1290187	28.37%	2.790%
70	14.615	2128	2130	2137	rVB2	145629	226033	4.97%	0.489%
71	14.704	2142	2145	2151	rVB	462866	479589	10.54%	1.037%

LSC Area Percent Report

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ClientSampleId : RO200030

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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72	15.309	2244	2248	2261	rVB	607762	757226	16.65%	1.638%
73	15.580	2291	2294	2305	rVB4	64243	146095	3.21%	0.316%
74	15.715	2314	2317	2323	rVB2	71633	89652	1.97%	0.194%

Sum of corrected areas: 46240493

LSC Report - Integrated Chromatogram

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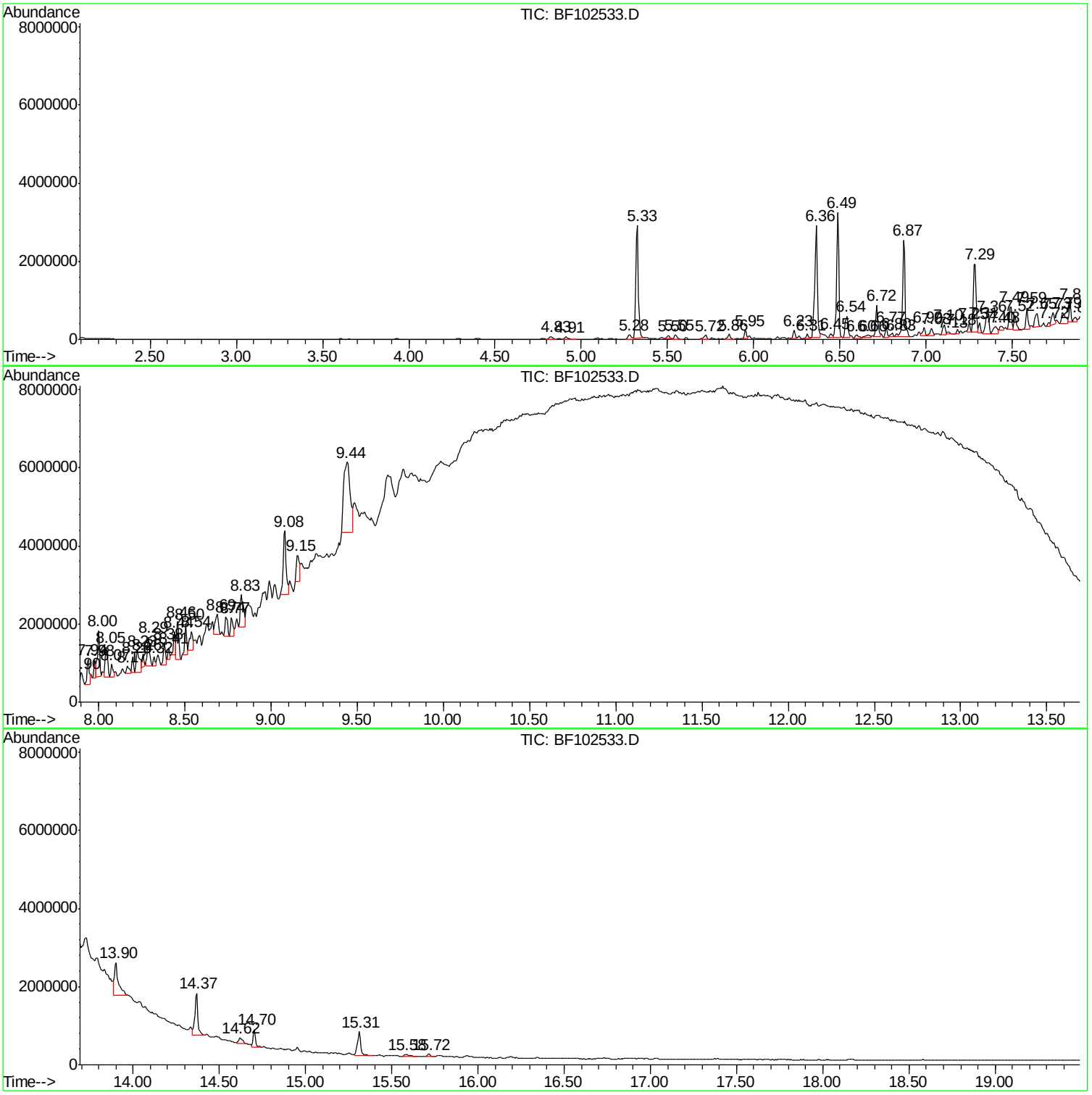
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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_F\DATA\BF012718\
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

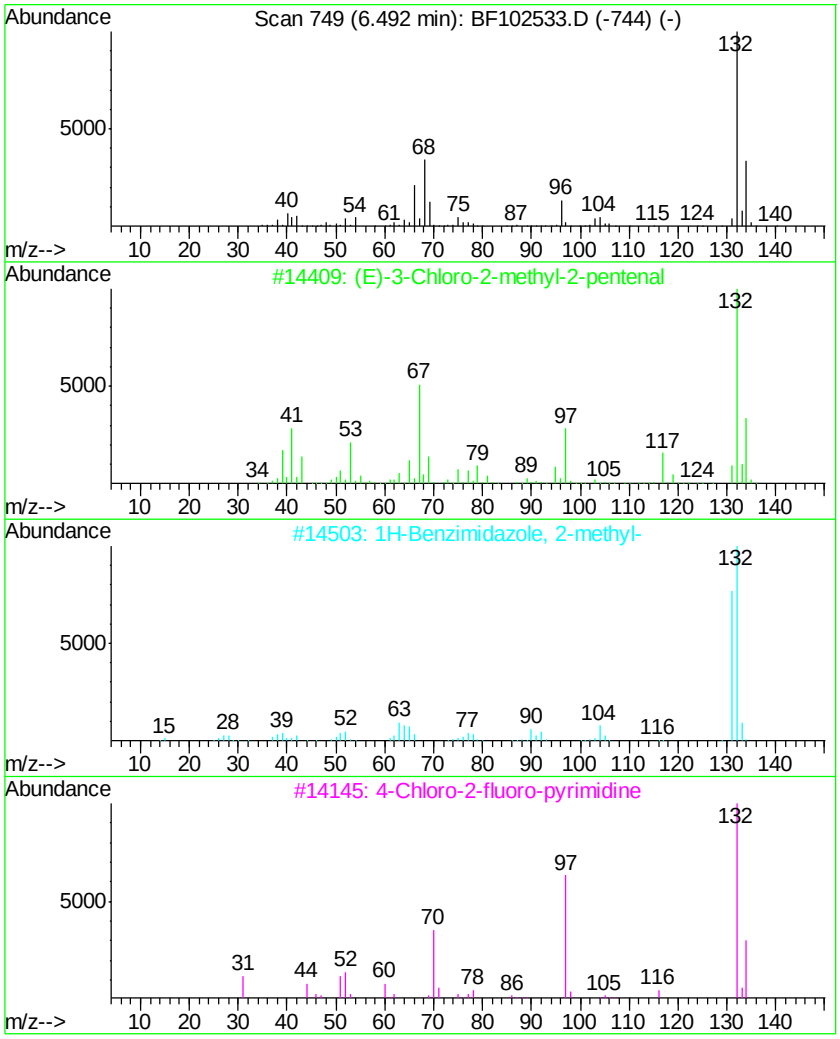
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

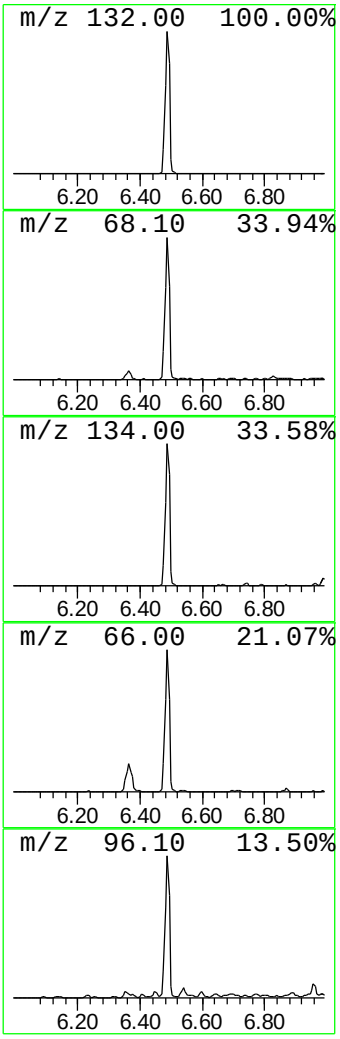
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	85.05 ng	3010970	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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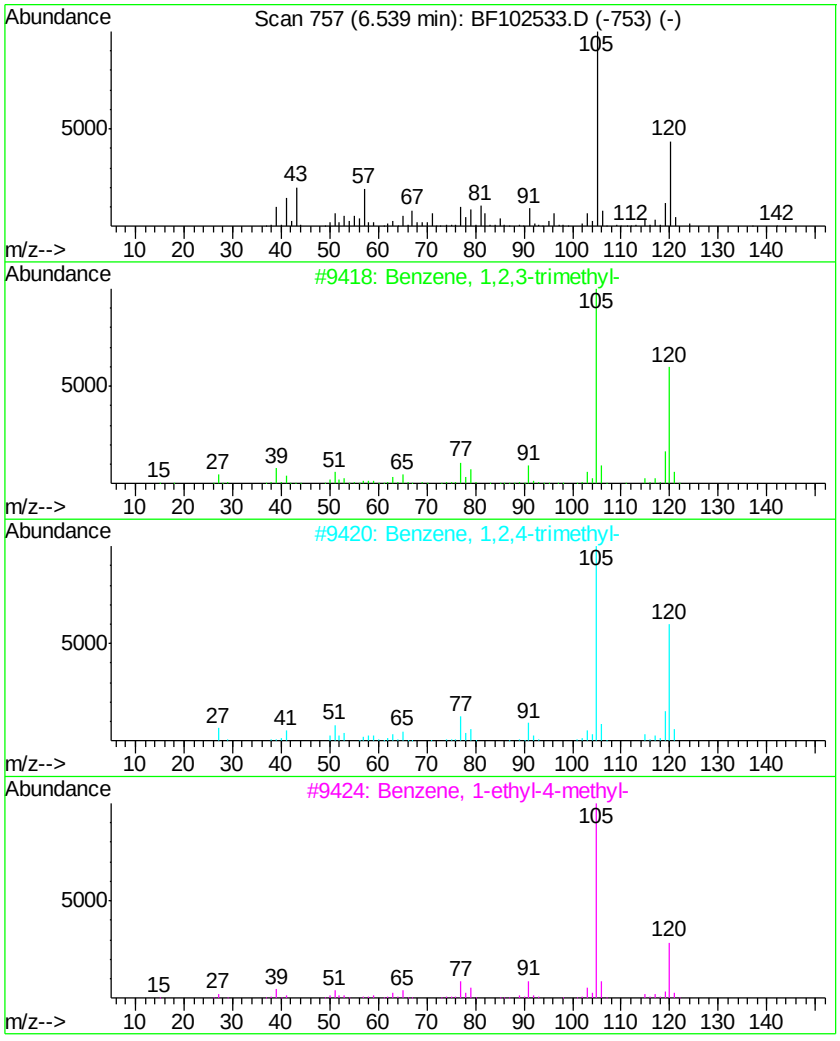
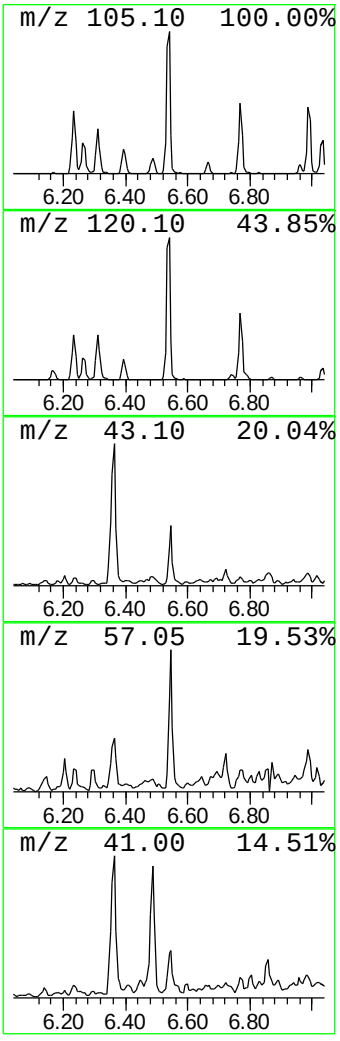
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	15.90 ng	563039	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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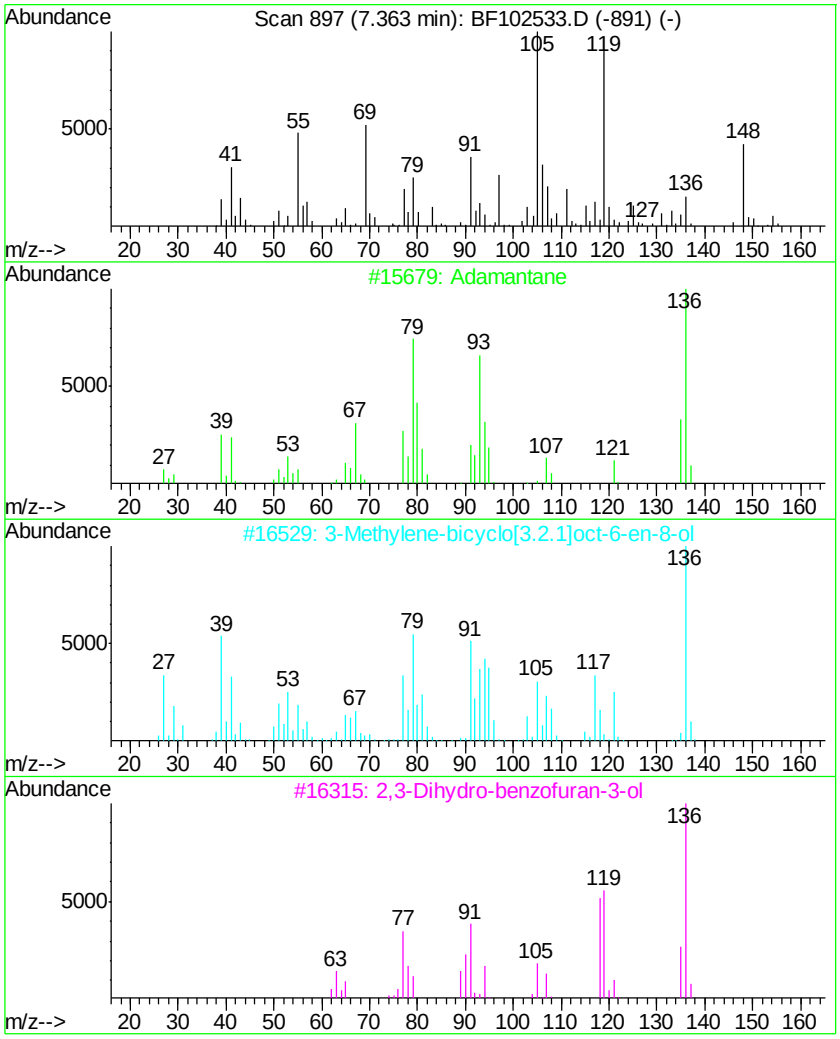
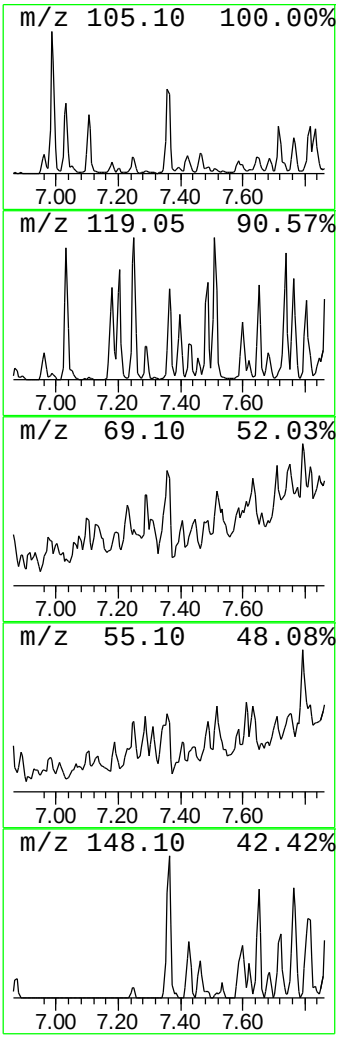
Peak Number 4 Adamantane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	12.73 ng	613573	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	90
2	3-Methylene-bicyclo[3.2.1]oct-6-...	136	C9H12O	1000193-00-0	41
3	2,3-Dihydro-benzofuran-3-ol	136	C8H8O2	1000146-26-4	38
4	2,3-Diethylpyrazine	136	C8H12N2	015707-24-1	38
5	(2-Ethyl-phenyl)-hydrazine	136	C8H12N2	1000317-35-1	30





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Sample : J1326-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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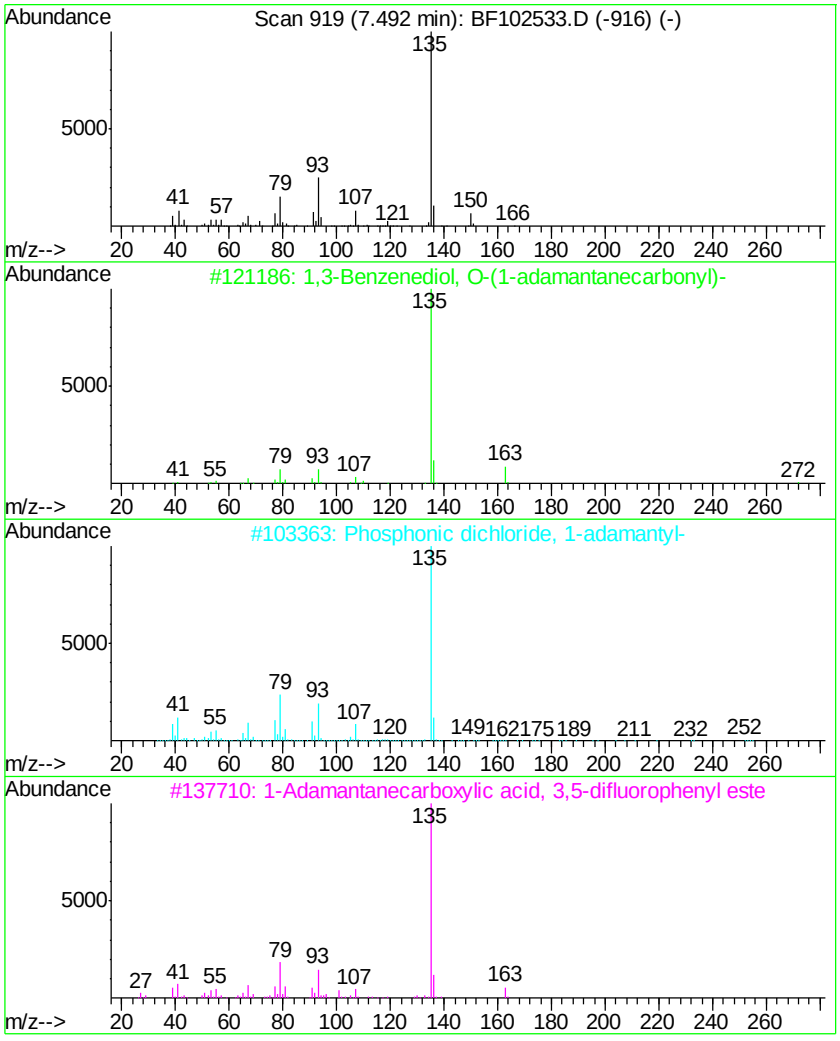
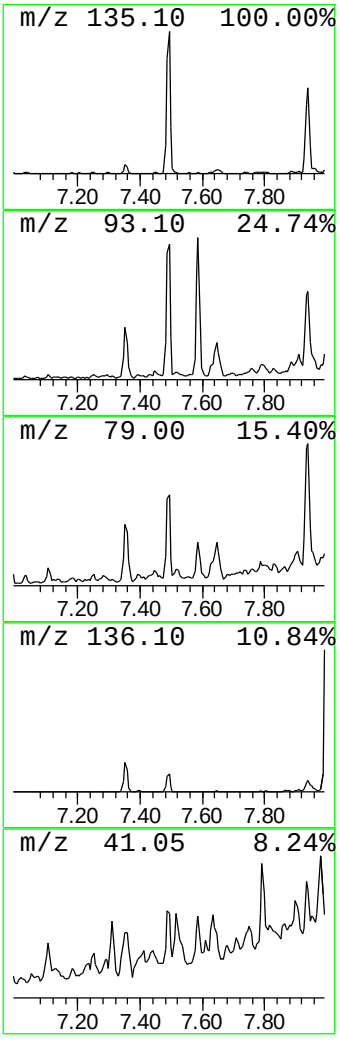
Peak Number 5 1,3-Benzenediol, O-(1-adama... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	11.22 ng	540826	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, O-(1-adamantane...	272	C17H20O3	1000345-57-3	72
2	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64
3	1-Adamantanecarboxylic acid, 3,5...	292	C17H18F2O2	1000293-75-1	64
4	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	64
5	Adamantane-1-carbohydrazide, N2-...	316	C18H21FN2O2	332037-11-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

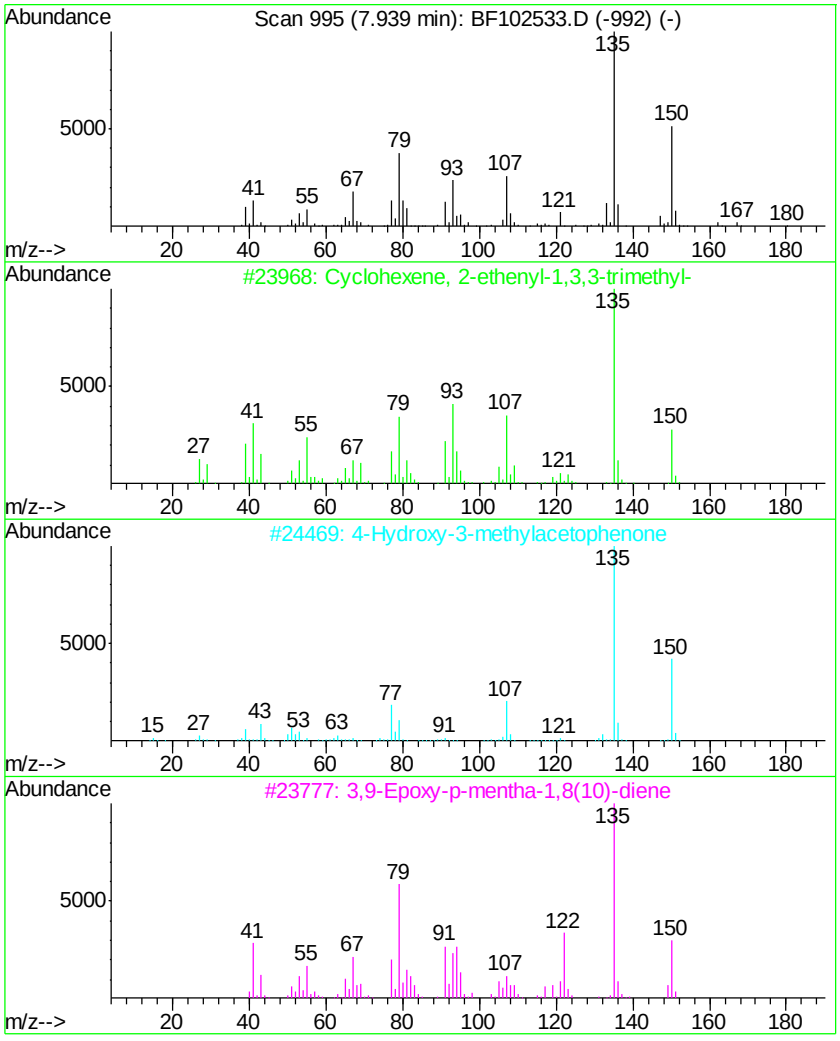
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

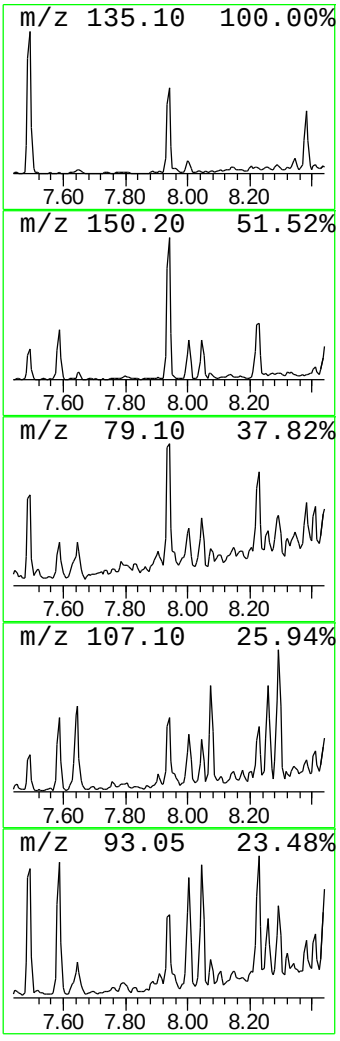
****

Peak Number 7 Cyclohexene, 2-ethenyl-1,3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	13.34 ng	642731	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	83
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	68
3	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	68
4	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	64
5	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	64





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Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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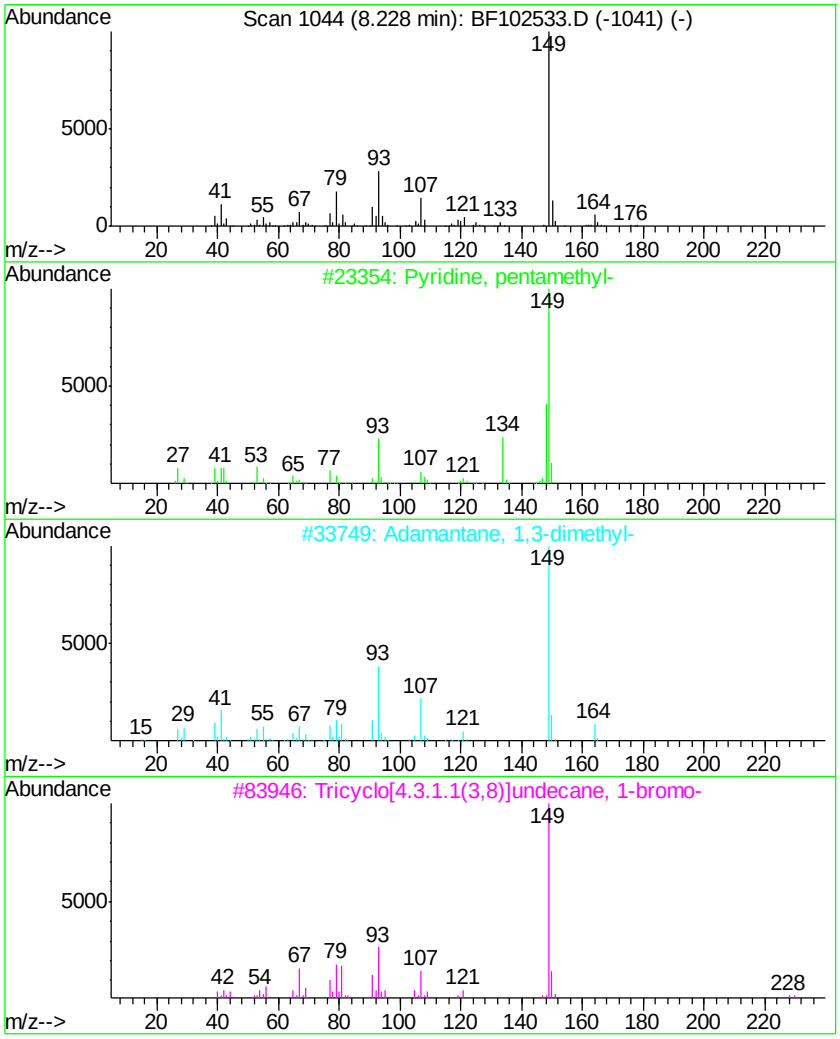
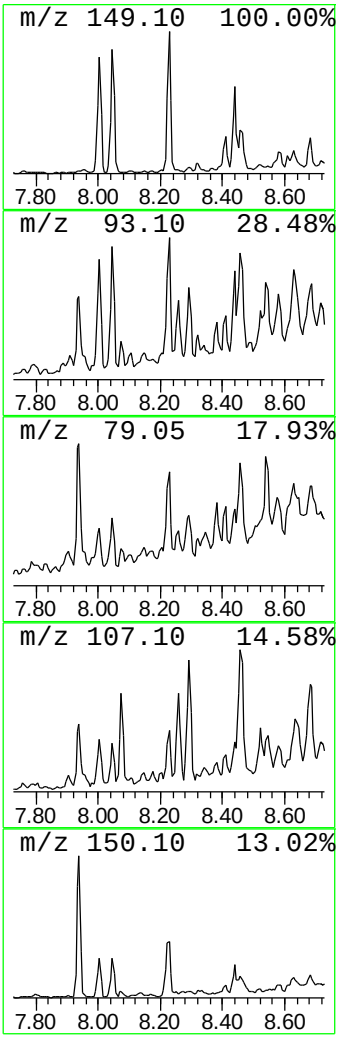
Peak Number 8 Pyridine, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	16.38 ng	789431	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	72
2	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	58
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	56
4	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	56
5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
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Operator : SJ/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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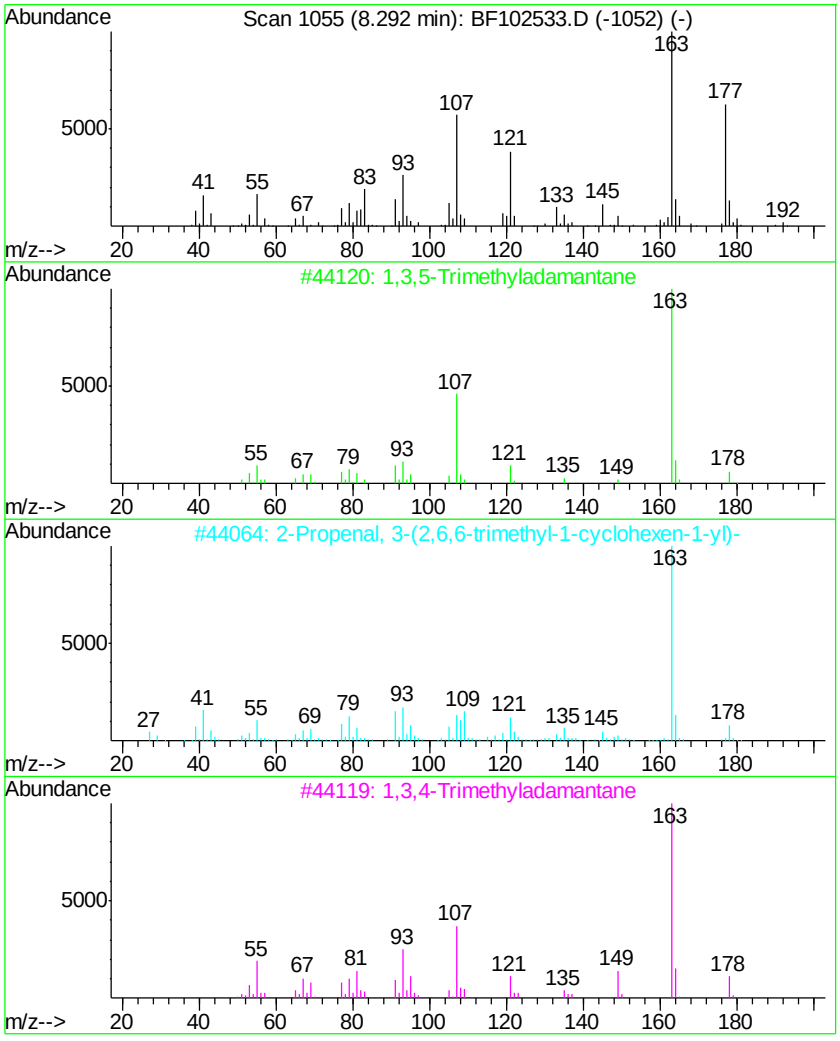
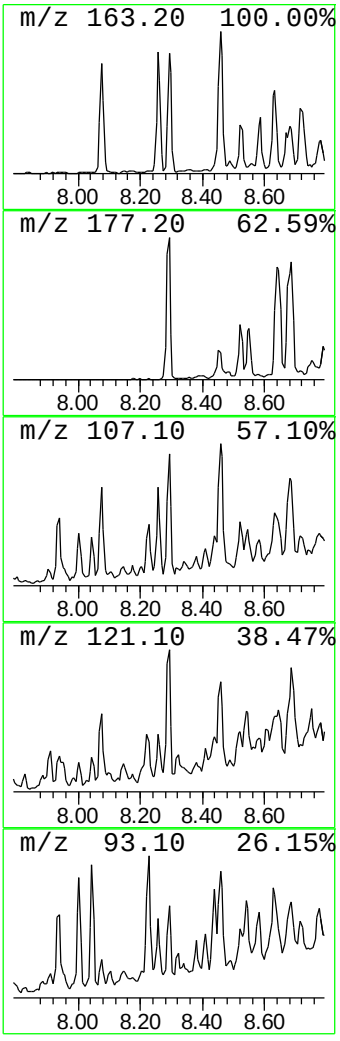
Peak Number 9 1,3,5-Trimethyladamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	14.26 ng	687112	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	52
2	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	49
3	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	49
4	Benzeneethanol, .beta.-(1-methyl...	270	C18H22O2	053288-15-6	43
5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	43





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Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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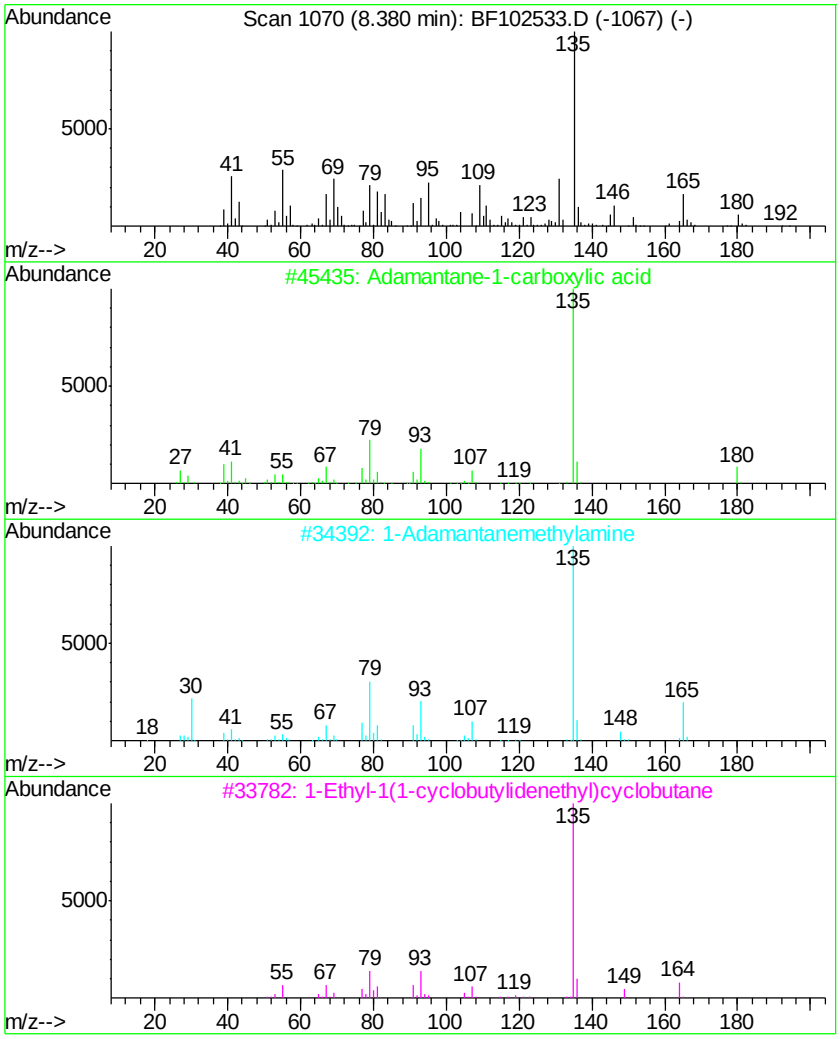
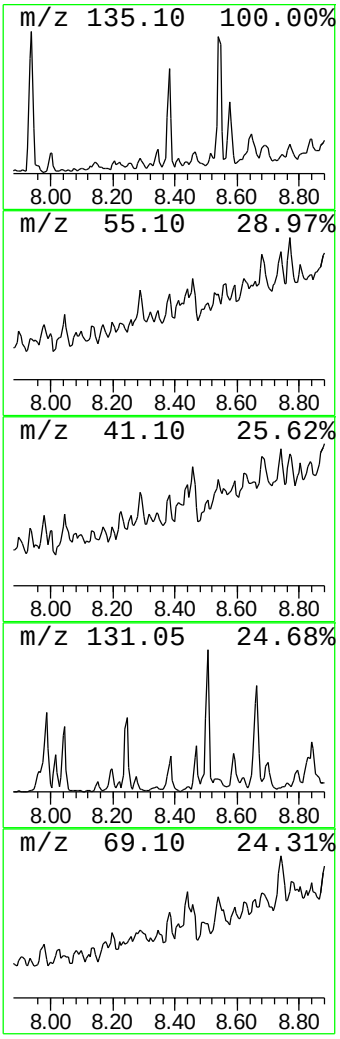
Peak Number 10 unknown8.38 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	11.06 ng	532937	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	49
2	1-Adamantanemethylamine	165	C11H19N	017768-41-1	46
3	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	43
4	1-Adamantanecarboxylic acid, 3,5...	292	C17H18F2O2	1000293-75-1	43
5	1-Adamantanecarboxylic acid, 2-m...	270	C18H22O2	1000293-75-3	43





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Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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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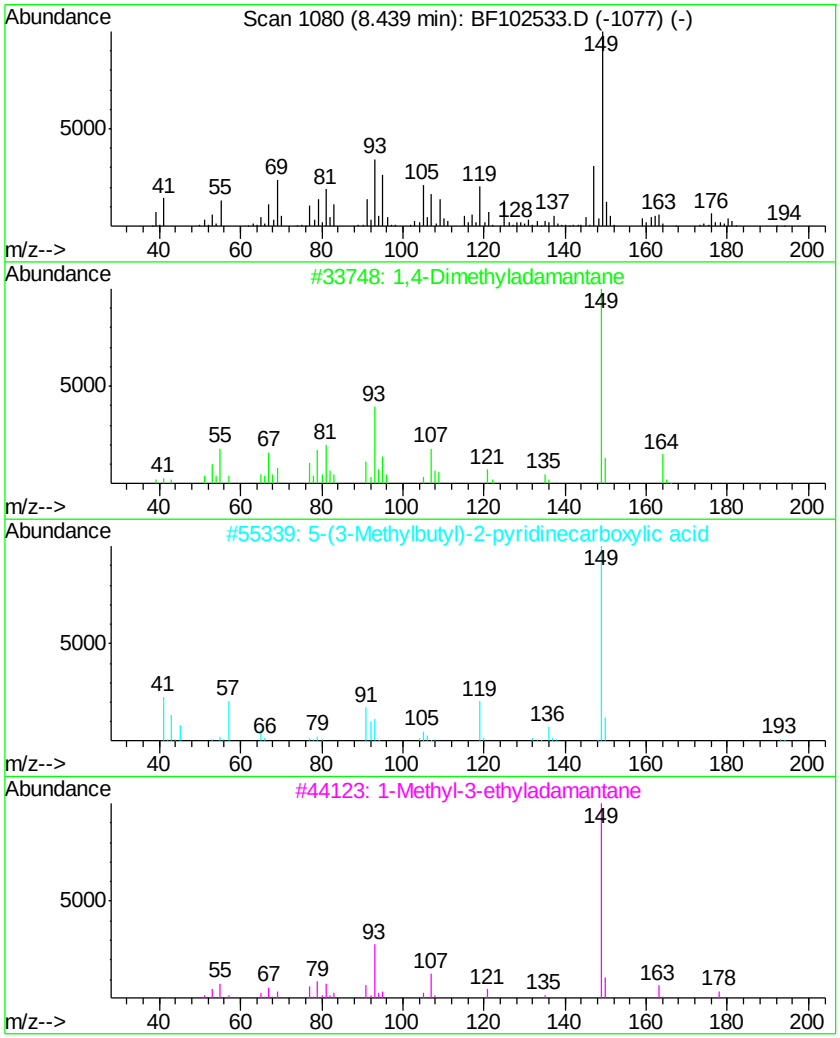
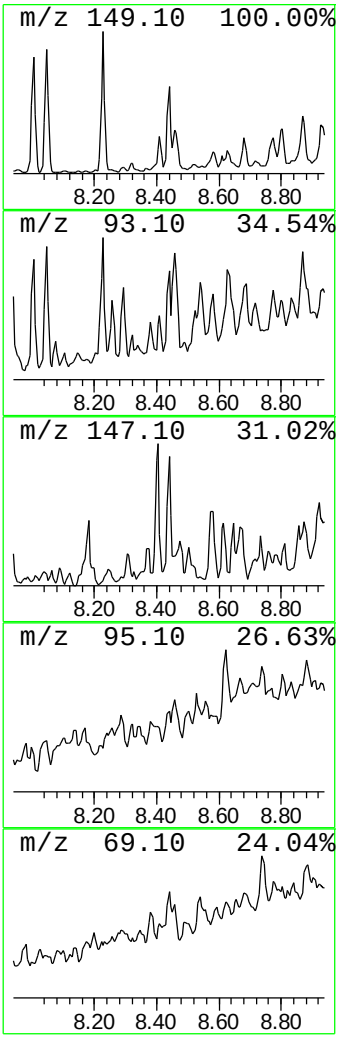
Peak Number 11 unknown8.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.99 ng	481606	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane	164	C12H20	024145-88-8	47
2	5-(3-Methylbutyl)-2-pyridinecarb...	193	C11H15NO2	049751-50-0	43
3	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	43
4	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	38
5	Benzene, 1-isocyanato-3-methoxy-	149	C8H7NO2	018908-07-1	38





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Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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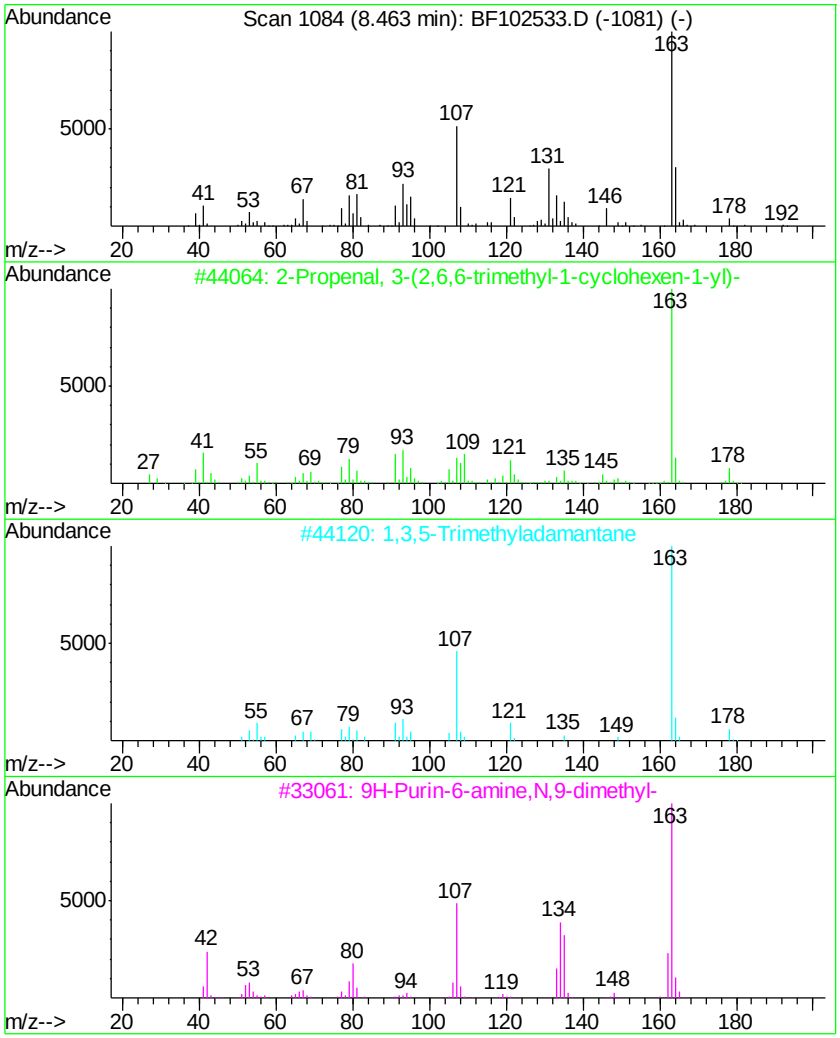
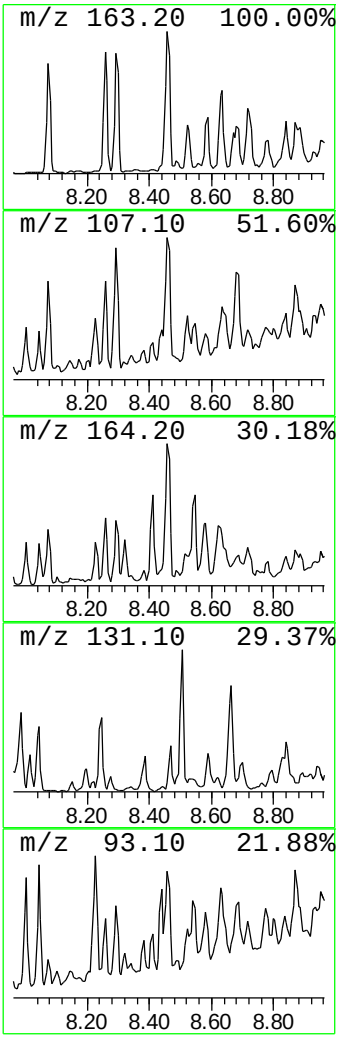
Peak Number 12 2-Propenal, 3-(2,6,6-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	20.73 ng	999200	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	59
2	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	58
3	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	43
4	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	40
5	Diethylphosphinothioic azide	163	C4H10N3PS	058347-14-1	28





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Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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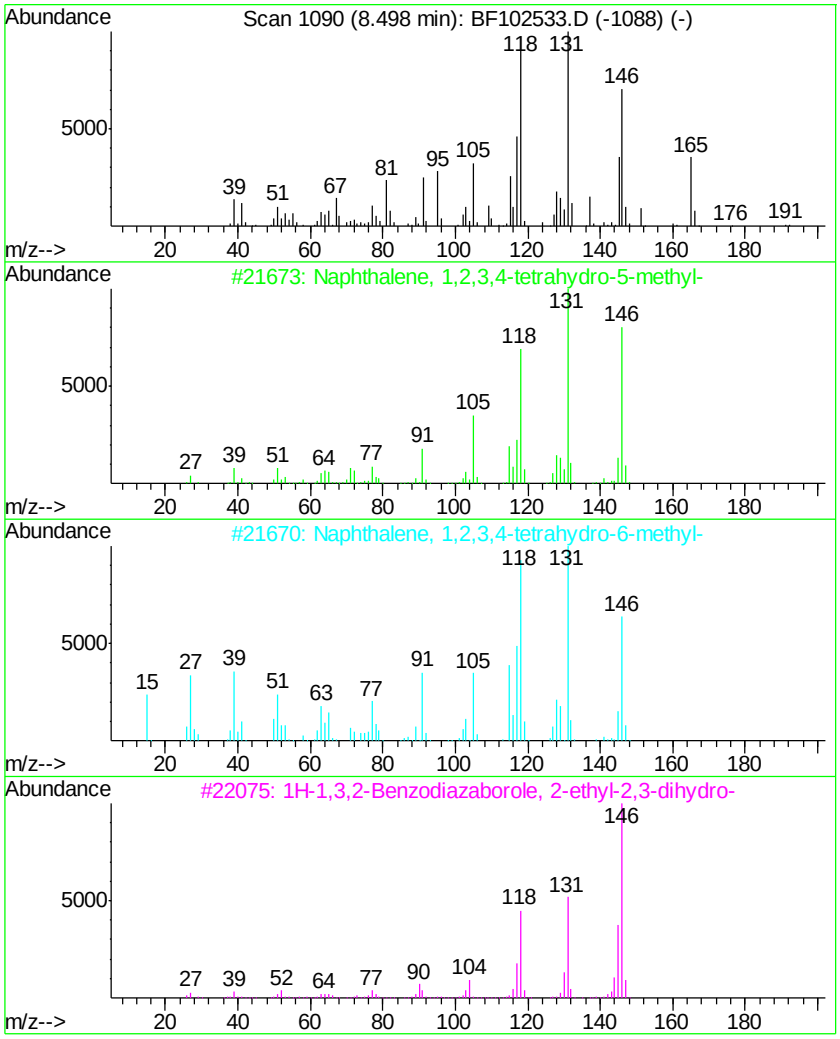
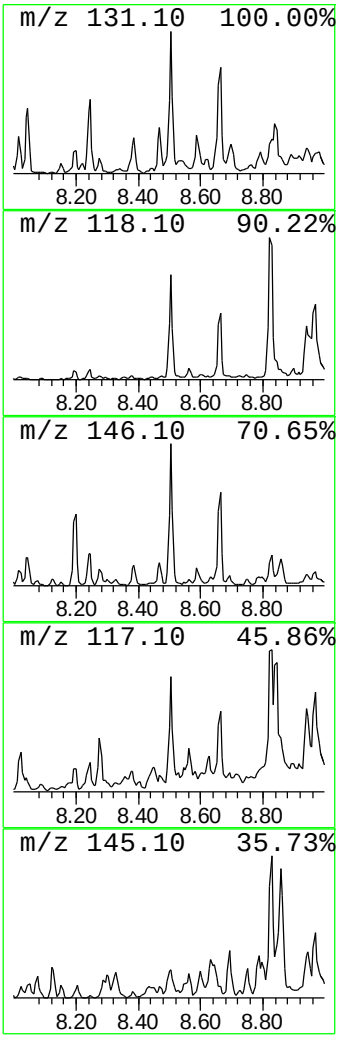
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	12.98 ng	625474	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	76
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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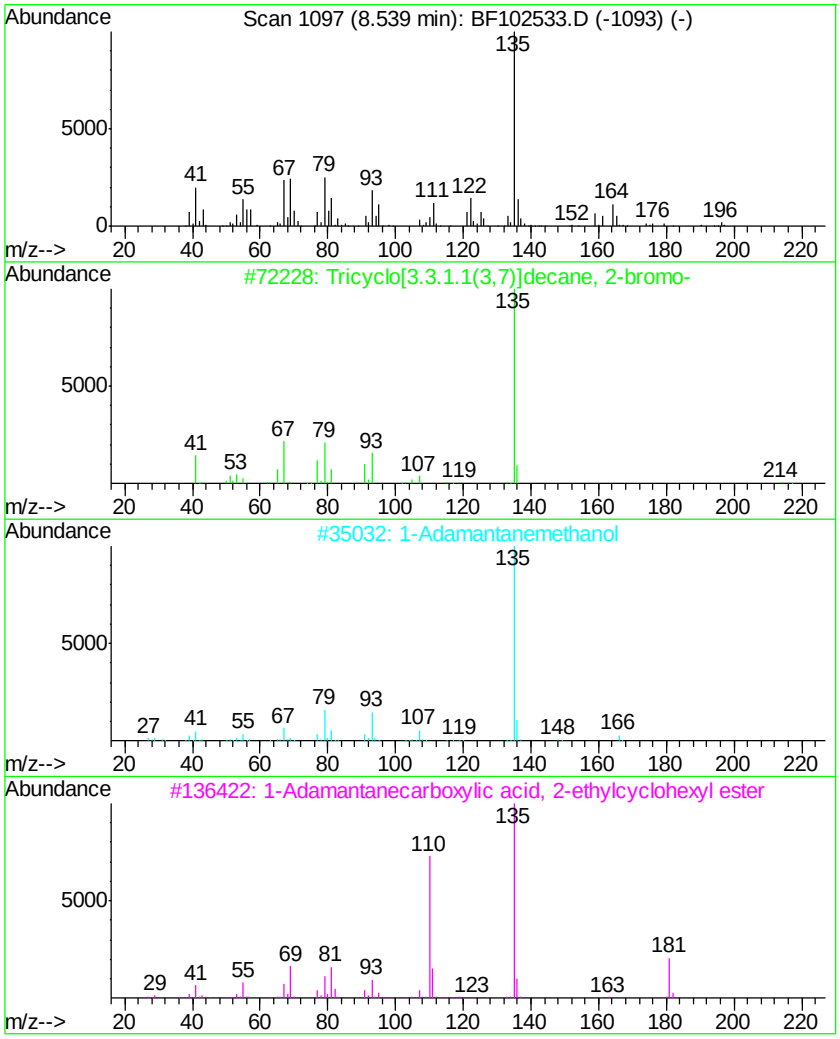
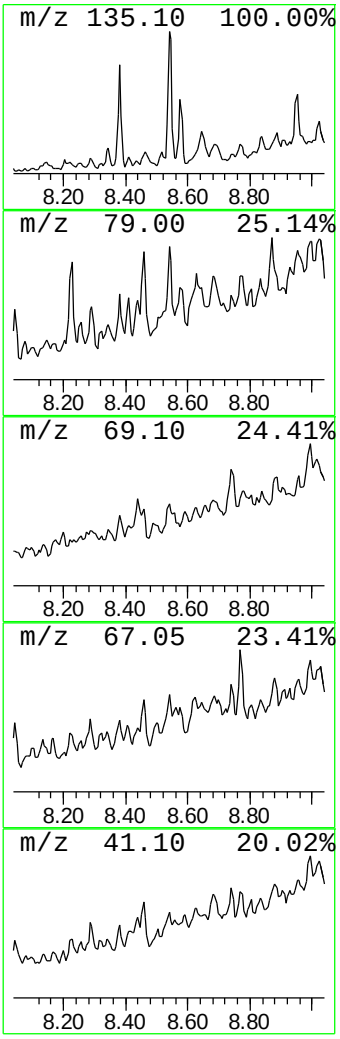
Peak Number 14 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	13.55 ng	652916	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	53
2	1-Adamantanemethanol	166	C11H18O	000770-71-8	50
3	1-Adamantanecarboxylic acid, 2-e...	290	C19H30O2	1000282-62-9	50
4	1H-Pyrazole-3-carboxylic acid, 1...	345	C19H27N3O3	1000351-30-4	50
5	9-Iodotricyclo[4.2.1.1(2,5)]decane	262	C10H15I	1000194-77-8	47





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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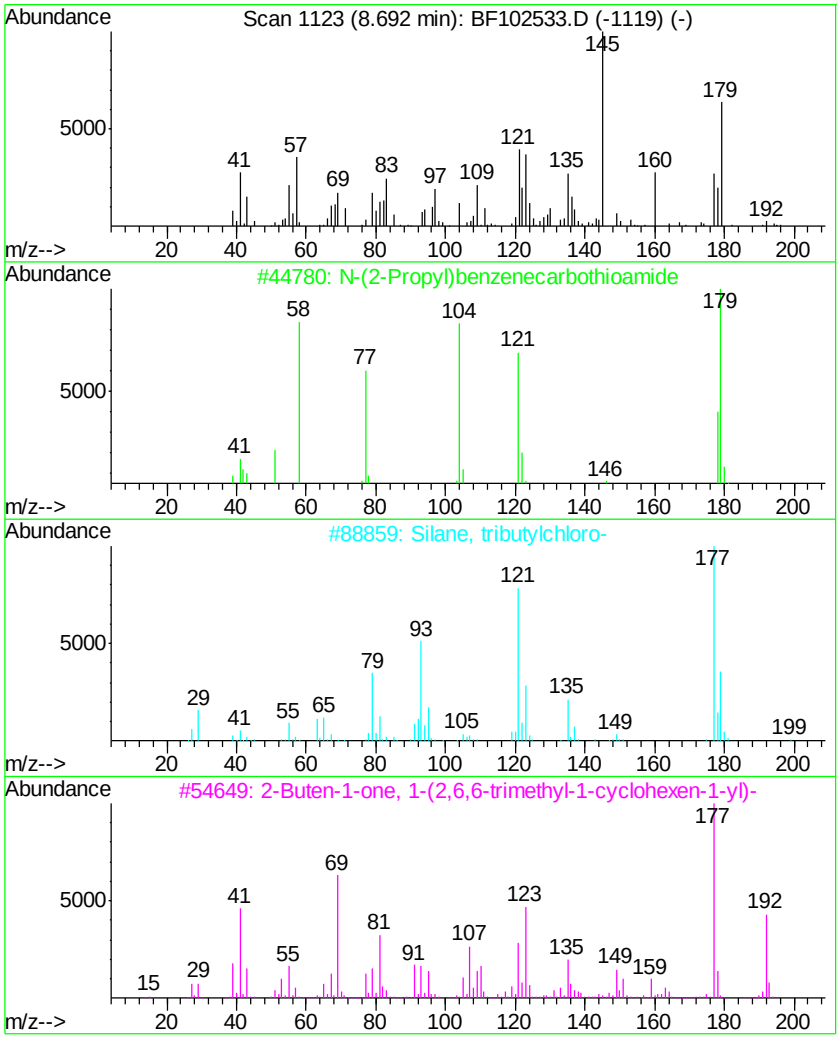
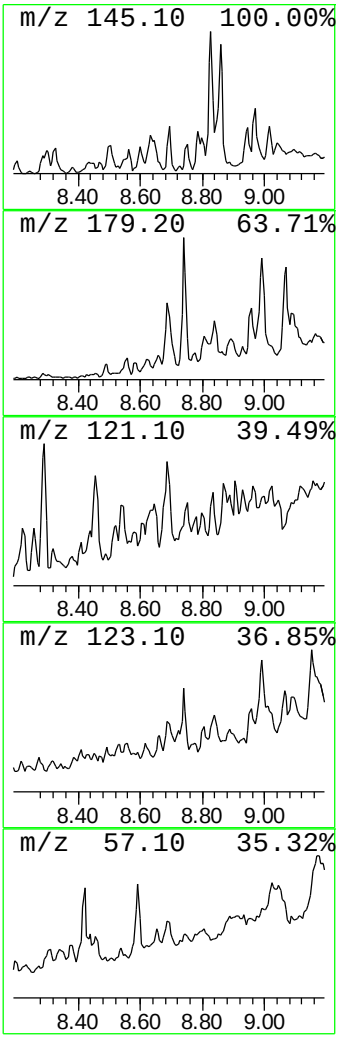
Peak Number 15 unknown8.69 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	12.15 ng	585678	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Propyl)benzenecarbothioamide	179	C10H13NS	005310-15-6	22
2	Silane, tributylchloro-	234	C12H27ClSi	000995-45-9	22
3	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	16
4	1H-1,4-Diazepine, hexahydro-1-(2...	177	C10H15N3	1000337-93-1	14
5	8H-[1,2,3]Triazolo[4',5':3,4]ben...	177	C6H3N5S	1000306-38-7	12





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Misc :
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Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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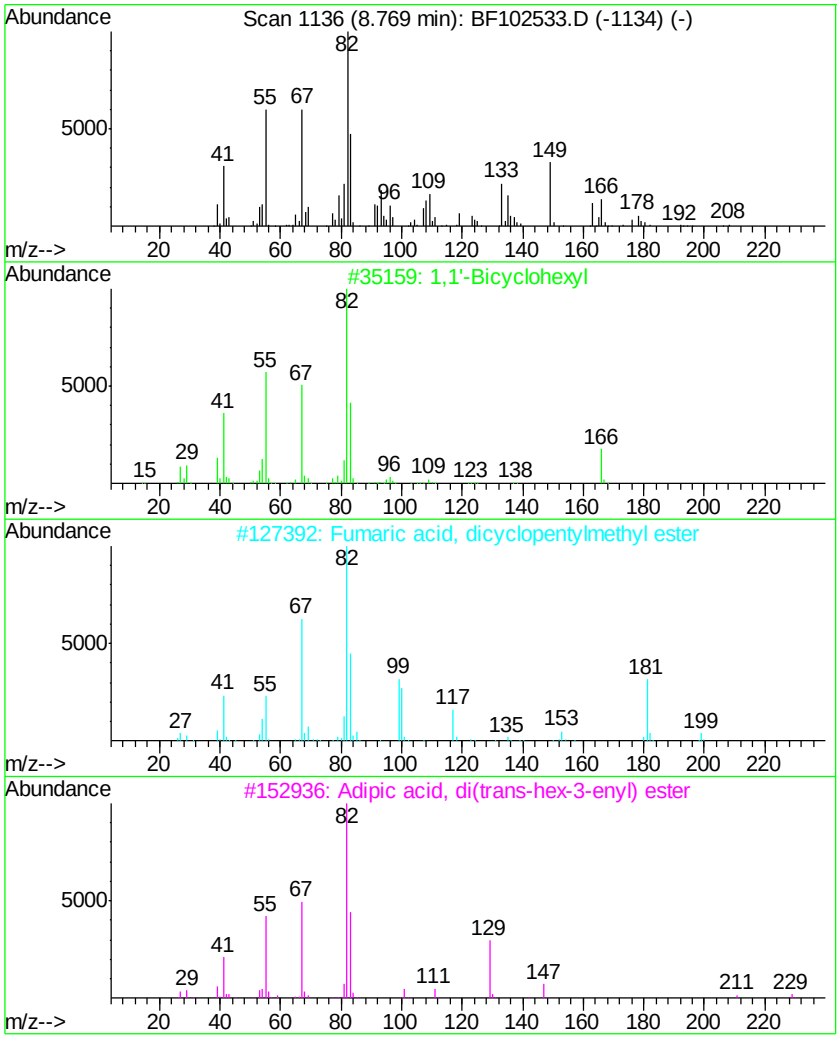
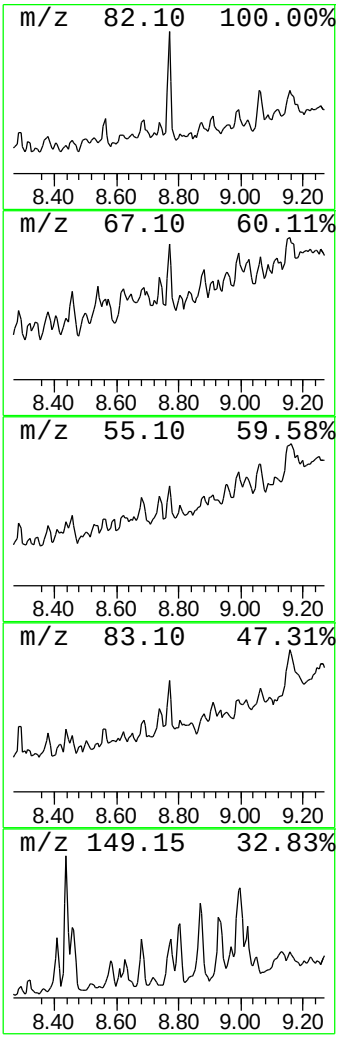
Peak Number 16 1,1'-Bicyclohexyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	11.32 ng	545378	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	58
2	Fumaric acid, dicyclopentylmethy...	280	C16H24O4	1000345-09-4	50
3	Adipic acid, di(trans-hex-3-enyl...	310	C18H30O4	1000354-02-3	47
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	43





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Instrument : BNA_F
ClientSampleId : RO200030

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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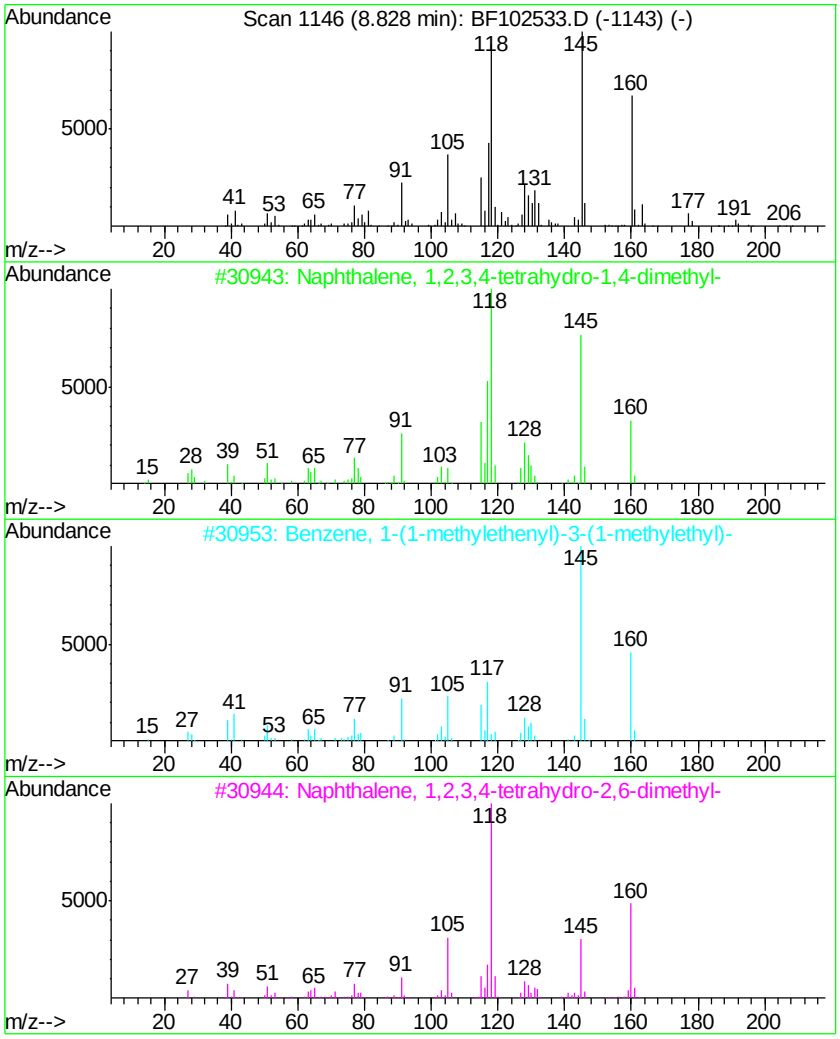
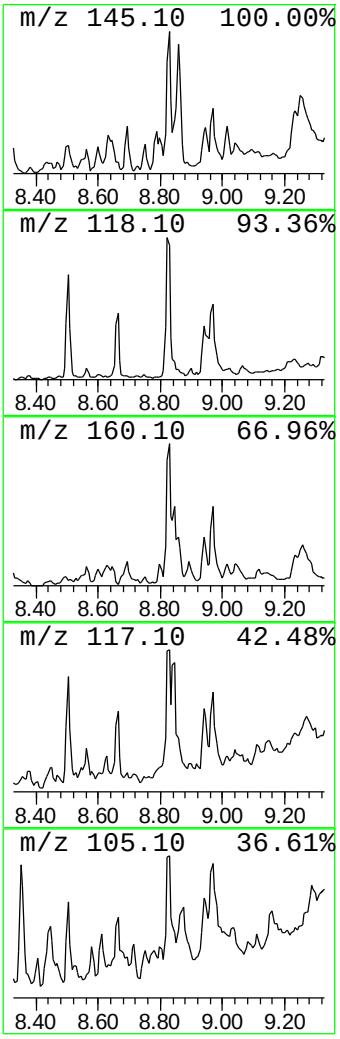
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	24.36 ng	1174040	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62





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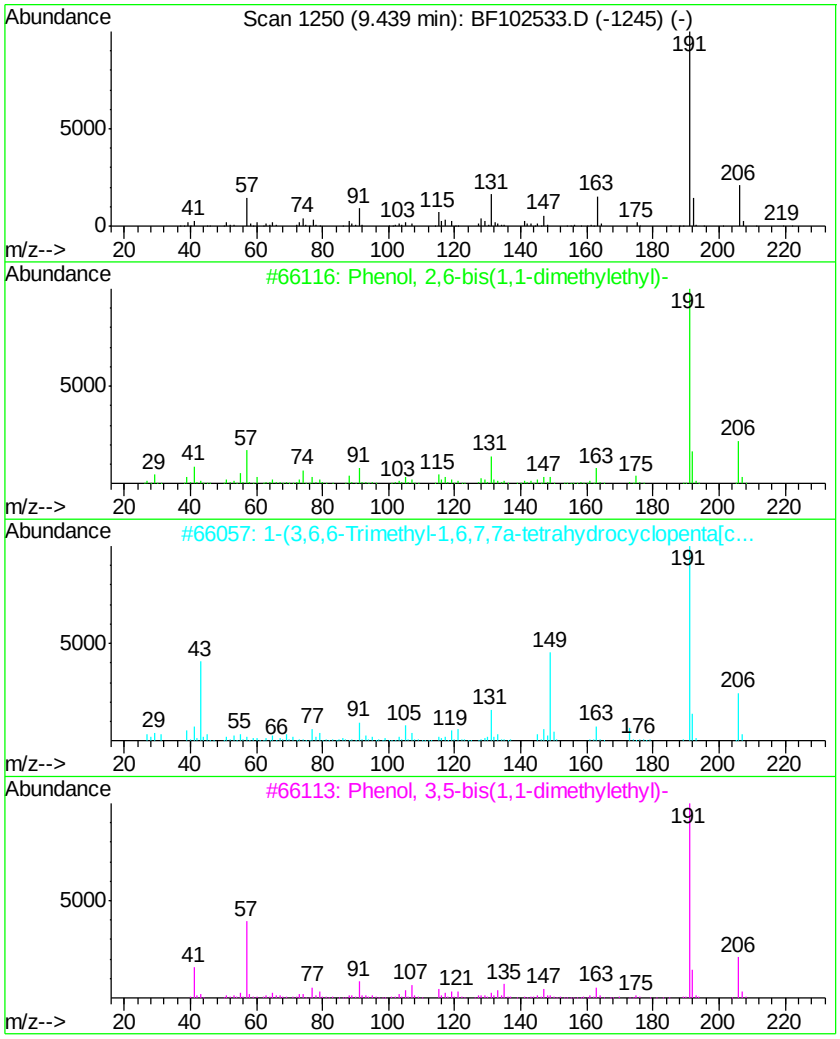
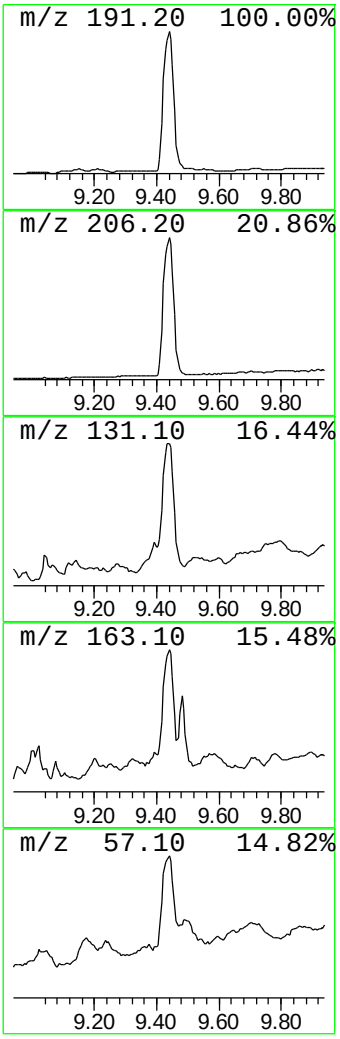
Peak Number 18 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	20.00 ng	4548490	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	83
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	83
3	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	76
4	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	74
5	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	72





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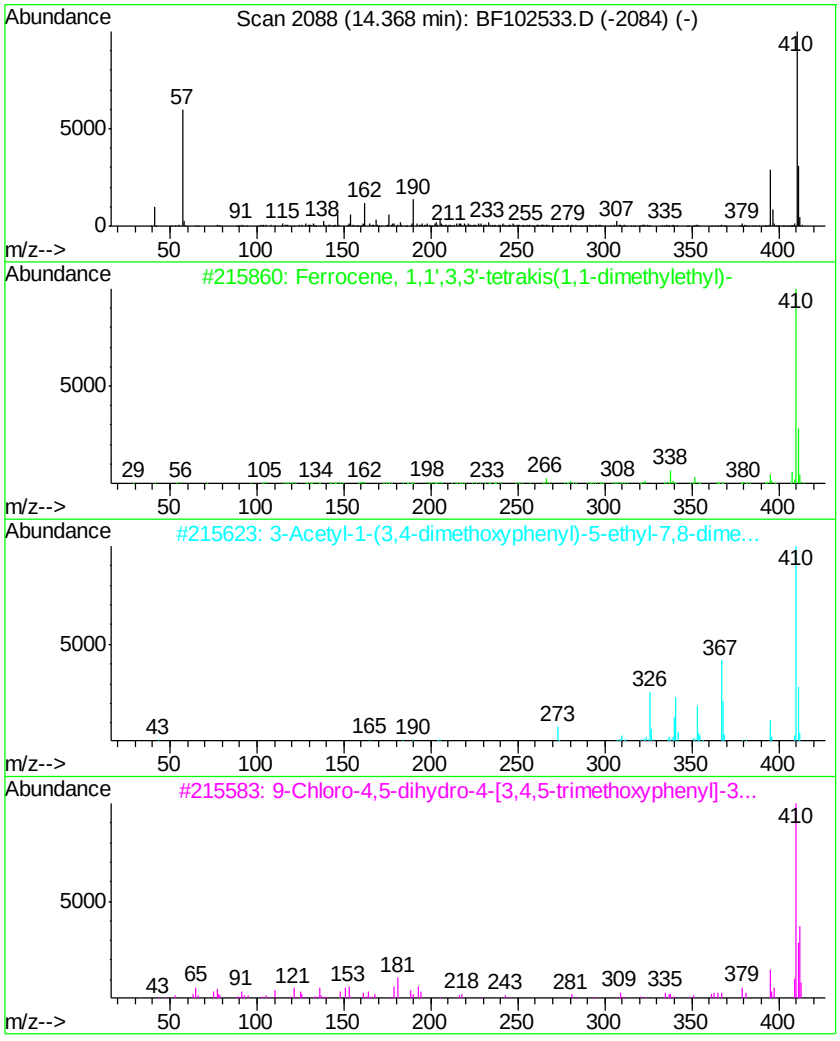
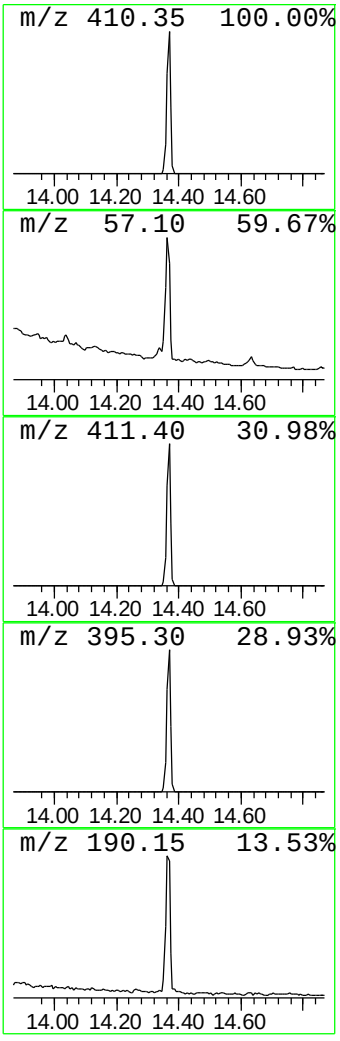
Peak Number 19 Ferrocene, 1,1',3,3'-tetrak... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	18.73 ng	1290190	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	53
2	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	45
3	9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	42
4	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	33
5	6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	33





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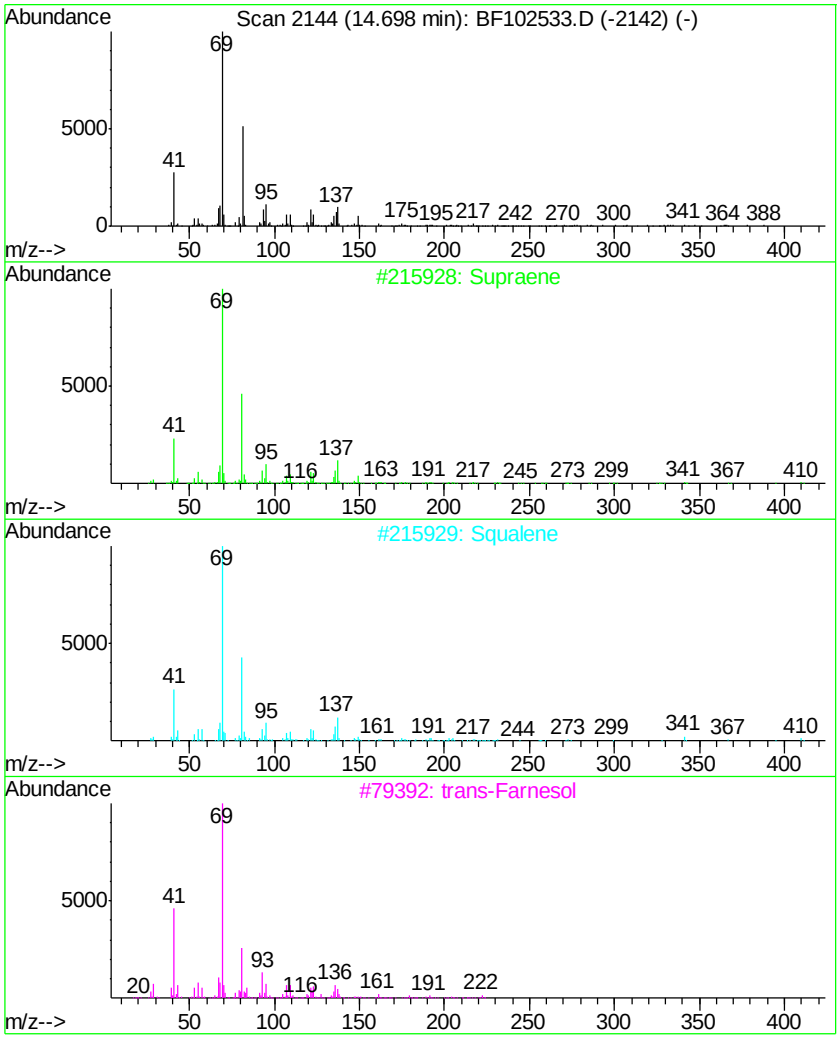
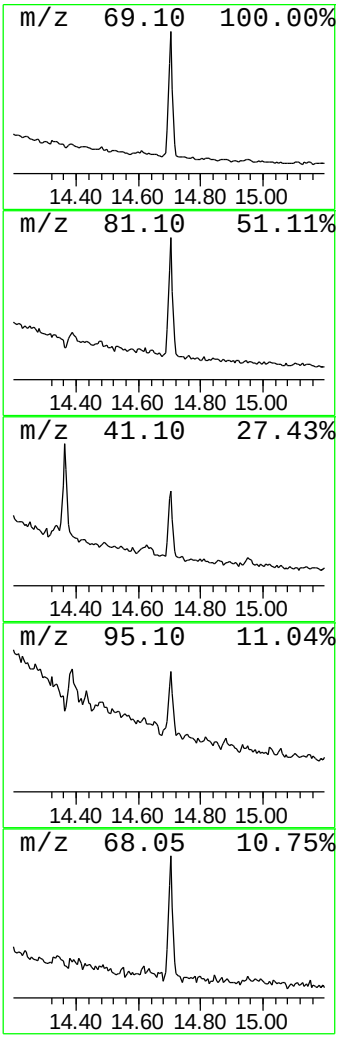
Peak Number 20 Supraene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	12.67 ng	479589	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	trans-Farnesol	222	C15H26O	000106-28-5	78
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102533.D
Acq On : 28 Jan 2018 1:38
Operator : SJ/JU
Sample : J1326-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO200030

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	85.0	ng	3010970	1	6.72	708036	20.0
Benzene, 1,2,3-tr...	6.54	15.9	ng	563039	1	6.72	708036	20.0
Adamantane	7.36	12.7	ng	613573	2	8.00	963921	20.0
1,3-Benzenediol, ...	7.49	11.2	ng	540826	2	8.00	963921	20.0
Cyclohexene, 2-et...	7.94	13.3	ng	642731	2	8.00	963921	20.0
Pyridine, pentame...	8.23	16.4	ng	789431	2	8.00	963921	20.0
1,3,5-Trimethylad...	8.29	14.3	ng	687112	2	8.00	963921	20.0
unknown8.38	8.38	11.1	ng	532937	2	8.00	963921	20.0
unknown8.44	8.44	10.0	ng	481606	2	8.00	963921	20.0
2-Propenal, 3-(2,...	8.46	20.7	ng	999200	2	8.00	963921	20.0
Naphthalene, 1,2,...	8.50	13.0	ng	625474	2	8.00	963921	20.0
Tricyclo[3.3.1.1(...	8.54	13.6	ng	652916	2	8.00	963921	20.0
unknown8.69	8.69	12.2	ng	585678	2	8.00	963921	20.0
1,1'-Bicyclohexyl	8.77	11.3	ng	545378	2	8.00	963921	20.0
Naphthalene, 1,2,...	8.83	24.4	ng	1174040	2	8.00	963921	20.0
Phenol, 2,6-bis(1...	9.44	20.0	ng	4548490	3	9.78	4548490	20.0
Ferrocene, 1,1',3...	14.37	18.7	ng	1290190	5	13.90	1377770	20.0
Supraene	14.70	12.7	ng	479589	6	15.31	757226	20.0