LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090519.D
Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

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-BF101116.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	3.023	50	60	64	rVB4	48469	177948	1.21%	0.087%
2	3.206	71	76	79	rBV	884631	1614360	10.95%	0.790%
3	3.617	104	112	115	rBV	108054	244199	1.66%	0.120%
4	3.754	119	124	128	rBV	172661	331417	2.25%	0.162%
5	4.246	164	167	170	rBV	156536	219447	1.49%	0.107%
6	4.440	182	184	189	rVV2	178359	306652	2.08%	0.150%
7	4.531	189	192	195	rVV	510118	648884	4.40%	0.318%
8	4.589	195	197	202	rVB2	174508	227829	1.55%	0.112%
9	4.691	202	206	210	rBV2	105476	163480	1.11%	0.080%
10	4.943	225	228	231	rVB	249206	270014	1.83%	0.132%
11	5.057	236	238	240	rVV	303259	380730	2.58%	0.186%
12	5.103	240	242	244	rVV	169256	246197	1.67%	0.121%
13	5.149	244	246	249	rVV3	531967	913783	6.20%	0.447%
14	5.206	249	251	255	rVB3	392416	825549	5.60%	0.404%
15	5.423	268	270	273	rBV	2958485	3025580	20.53%	1.481%
16	5.572	278	283	285	rBV2	2624966	3808833	25.84%	1.865%
17	5.674	290	292	294	rBV3	183635	266117	1.81%	0.130%
18	5.732	294	297	298	rBV	453223	469817	3.19%	0.230%
19	5.812	301	304	307	rBV2	399062	924771	6.27%	0.453%
20	5.869	307	309	311	rVB	516692	550763	3.74%	0.270%
21	5.994	315	320	326	rBV5	534947	1654249	11.22%	0.810%
22	6.086	326	328	329	rBV	299352	277908	1.89%	0.136%
23	6.120	329	331	333	rBV	1300427	1295858	8.79%	0.634%
24	6.177	333	336	338	rBV2	685214	1133907	7.69%	0.555%
25	6.223	338	340	342	rVB	178294	252501	1.71%	0.124%
26	6.280	342	345	349	rBV3	665494	1712095	11.62%	0.838%
27	6.337	349	350	352	rVB	888052	740133	5.02%	0.362%
28	6.383	352	354	355	rBV	432738	476145	3.23%	0.233%
29	6.406	355	356	359	rVB	617891	806665	5.47%	0.395%
30	6.463	359	361	364	rBV2	495797	917519	6.23%	0.449%
31	6.509	364	365	367	rBV2	203087	289702	1.97%	0.142%
32	6.554	367	369	371	rBV	844870	696540	4.73%	0.341%
33	6.623	371	375	376	rBV	1195632	2042263	13.86%	1.000%
34	6.646	376	377	379	rVB	843797	1029504	6.99%	0.504%

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Misc :
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Instrument : BNA_F
ClientSampleId : S8-0613

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.737	379	385	387	rBV	3792968	6636182	45.03%	3.249%
36	6.783	387	389	392	rBV4	636896	1315157	8.92%	0.644%
37	6.829	392	393	396	rVB2	542689	813227	5.52%	0.398%
38	6.875	396	397	398	rBV	448771	557194	3.78%	0.273%
39	6.909	398	400	402	rBV3	631051	1005933	6.83%	0.492%
40	6.955	402	404	406	rVV3	1458871	2114035	14.34%	1.035%
41	6.989	406	407	409	rVB	1097207	800523	5.43%	0.392%
42	7.115	414	418	419	rBV	5306151	6022026	40.86%	2.948%
43	7.160	419	422	423	rBV2	1439111	1749076	11.87%	0.856%
44	7.252	427	430	431	rBV	668252	864356	5.86%	0.423%
45	7.309	431	435	437	rBV4	723790	1960719	13.30%	0.960%
46	7.366	437	440	441	rBV2	1017635	1857305	12.60%	0.909%
47	7.400	441	443	447	rVB3	1989680	3524749	23.92%	1.726%
48	7.526	447	454	455	rBV2	3615339	7904651	53.63%	3.870%
49	7.583	455	459	460	rBV4	848030	1303658	8.85%	0.638%
50	7.617	460	462	463	rBV2	397312	766689	5.20%	0.375%
51	7.640	463	464	466	rBV2	649733	1027617	6.97%	0.503%
52	7.732	468	472	474	rVV5	1919416	5287523	35.88%	2.589%
53	7.823	476	480	484	rVB3	4850901	14737887	100.00%	7.215%
54	7.903	484	487	488	rBV3	909115	1840188	12.49%	0.901%
55	7.926	488	489	490	rVB	1234011	846532	5.74%	0.414%
56	7.972	490	493	495	rBV2	1673993	3777184	25.63%	1.849%
57	8.075	498	502	504	rBV4	1436712	2523507	17.12%	1.235%
58	8.132	504	507	508	rBV3	564628	1099065	7.46%	0.538%
59	8.166	508	510	512	rVB2	1685131	1443106	9.79%	0.706%
60	8.246	515	517	518	rBV	2856477	3942412	26.75%	1.930%
61	8.303	520	522	525	rVB2	2220930	3770897	25.59%	1.846%
62	8.372	525	528	530	rBV2	1365795	2108834	14.31%	1.032%
63	8.498	534	539	541	rBV2	2530552	5156713	34.99%	2.525%
64	8.532	541	542	544	rBV2	558735	829667	5.63%	0.406%
65	8.658	546	553	555	rVB3	2348851	7189988	48.79%	3.520%
66	8.726	557	559	562	rVB4	1117816	1902605	12.91%	0.931%
67	8.795	562	565	567	rBV	1980839	3998235	27.13%	1.957%
68	8.886	572	573	574	rBV	943206	727429	4.94%	0.356%
69	8.966	577	580	584	rVB2	2007887	4386839	29.77%	2.148%
70	9.058	584	588	592	rBV4	2778593	9160036	62.15%	4.484%
71	9.252	603	605	606	rBV2	966787	1284788	8.72%	0.629%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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72	9.332	608	612	616	rVV2	5090004	9298721	63.09%	4.552%
73	9.446	621	622	625	rVB2	1220365	2176661	14.77%	1.066%
74	9.538	625	630	632	rBV6	1576454	5033271	34.15%	2.464%
75	9.686	641	643	646	rVB4	2396274	3824697	25.95%	1.872%
76	9.743	646	648	650	rBV2	1293108	2213338	15.02%	1.084%
77	9.823	650	655	657	rBV5	1312284	4478732	30.39%	2.193%
78	9.961	665	667	669	rBV3	982088	1880392	12.76%	0.921%
79	10.006	669	671	674	rVB2	2453880	2813256	19.09%	1.377%
80	10.246	690	692	693	rBV2	710122	1171954	7.95%	0.574%
81	10.361	698	702	703	rBV	1892957	4538322	30.79%	2.222%
82	10.418	705	707	710	rVV3	1609710	3148376	21.36%	1.541%
83	10.726	732	734	736	rVV	1449839	1759335	11.94%	0.861%
84	10.818	739	742	743	rVV2	2398011	3501418	23.76%	1.714%
85	10.898	747	749	755	rVB5	906138	2036047	13.82%	0.997%
86	11.504	800	802	804	rVB	1663066	1879640	12.75%	0.920%
87	11.846	830	832	834	rVB	783657	972847	6.60%	0.476%
88	12.052	848	850	852	rVB2	541339	489843	3.32%	0.240%
89	12.829	916	918	920	rVB	474751	565718	3.84%	0.277%
90	13.081	938	940	943	rBV	4448374	4678745	31.75%	2.291%
91	14.132	1030	1032	1035	rVB	1240448	1297754	8.81%	0.635%
92	15.618	1159	1162	1171	rVB	859029	1329403	9.02%	0.651%

Sum of corrected areas: 204266361

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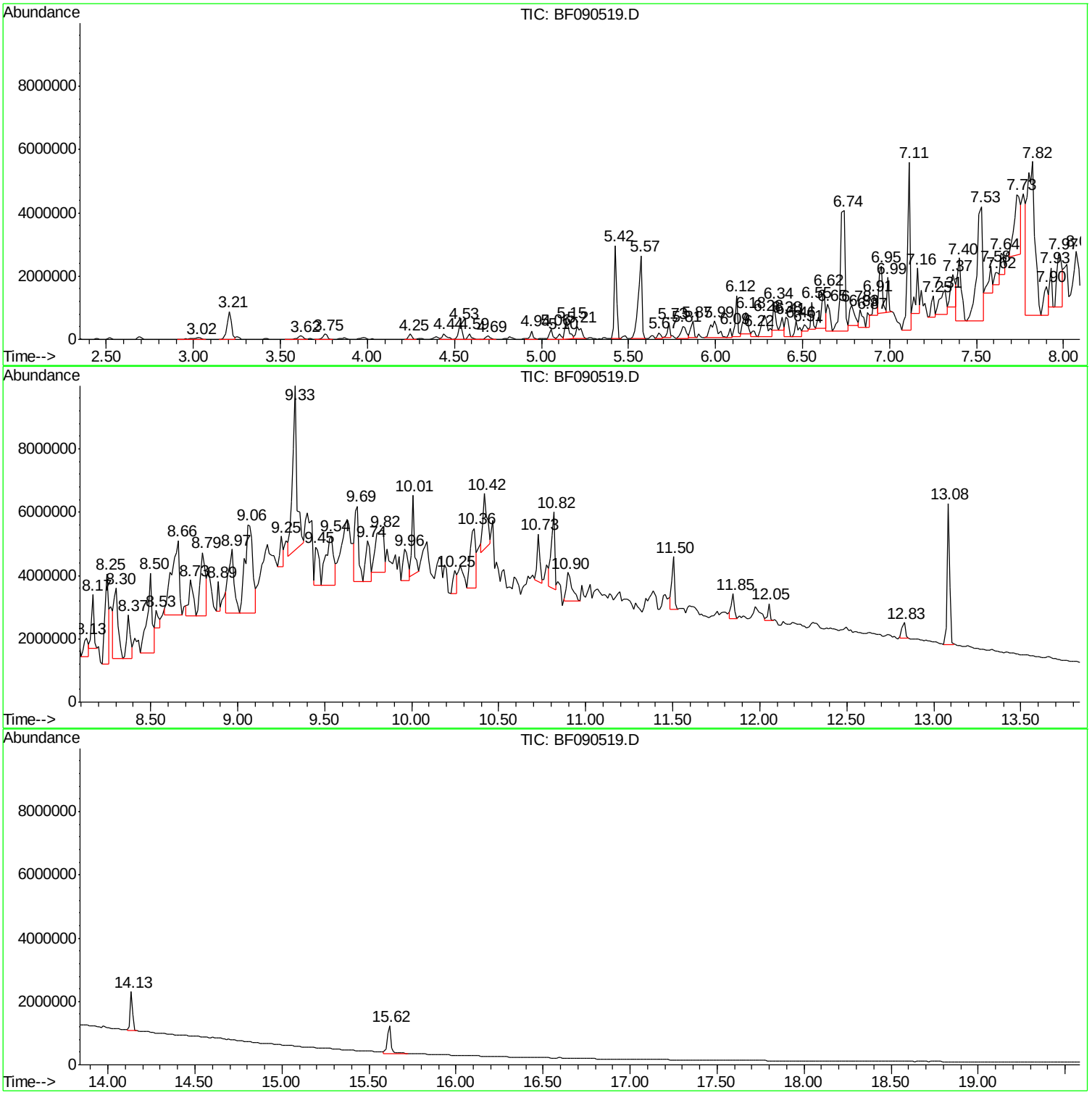
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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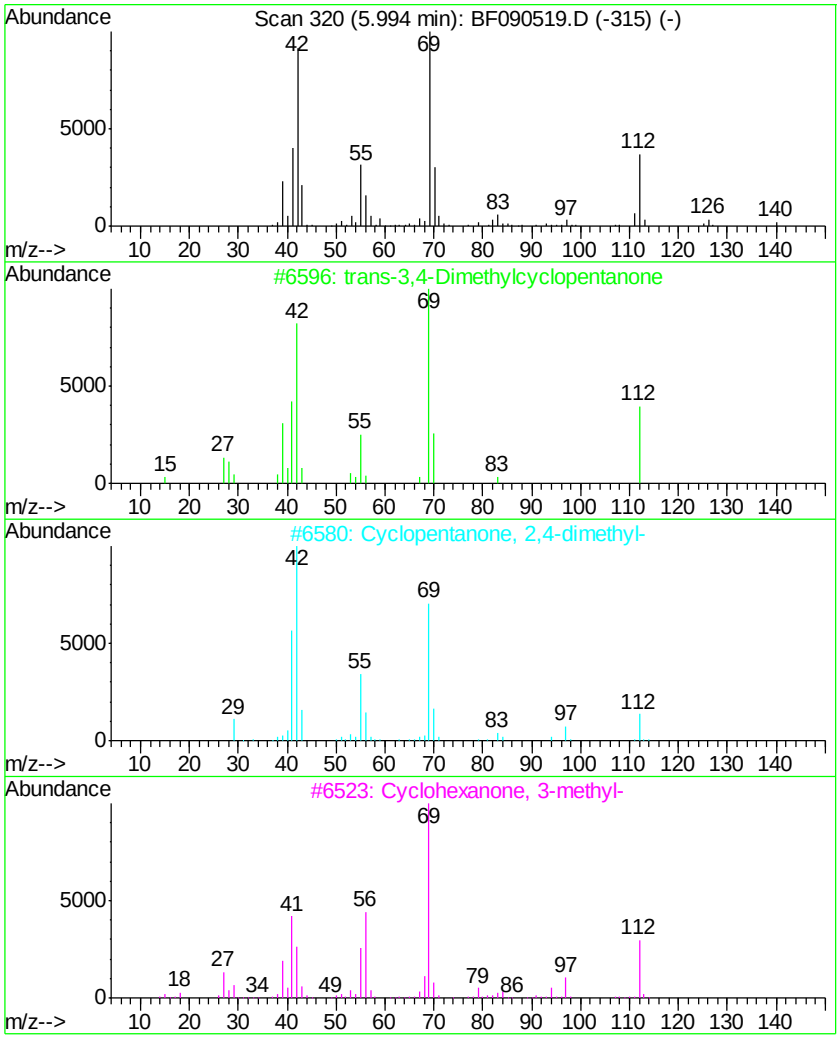
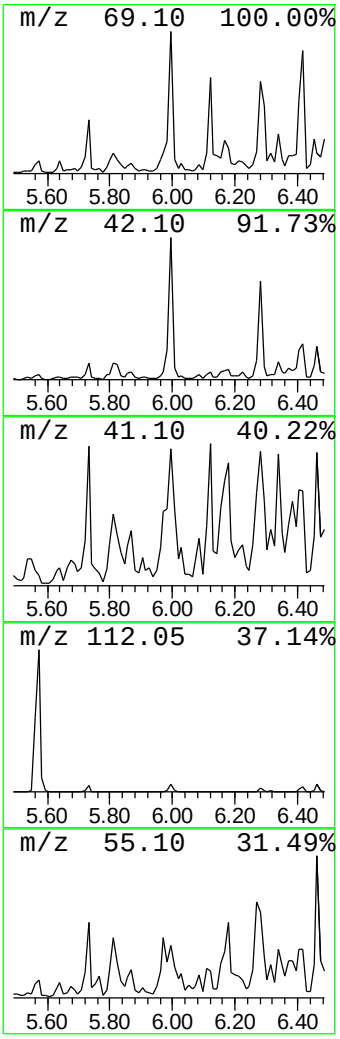
****

Peak Number 2 trans-3,4-Dimethylcyclopent... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	15.65 ng	1654250	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	87
2	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	78
3	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	50
4	1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	43
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43





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Sample : H5146-07
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

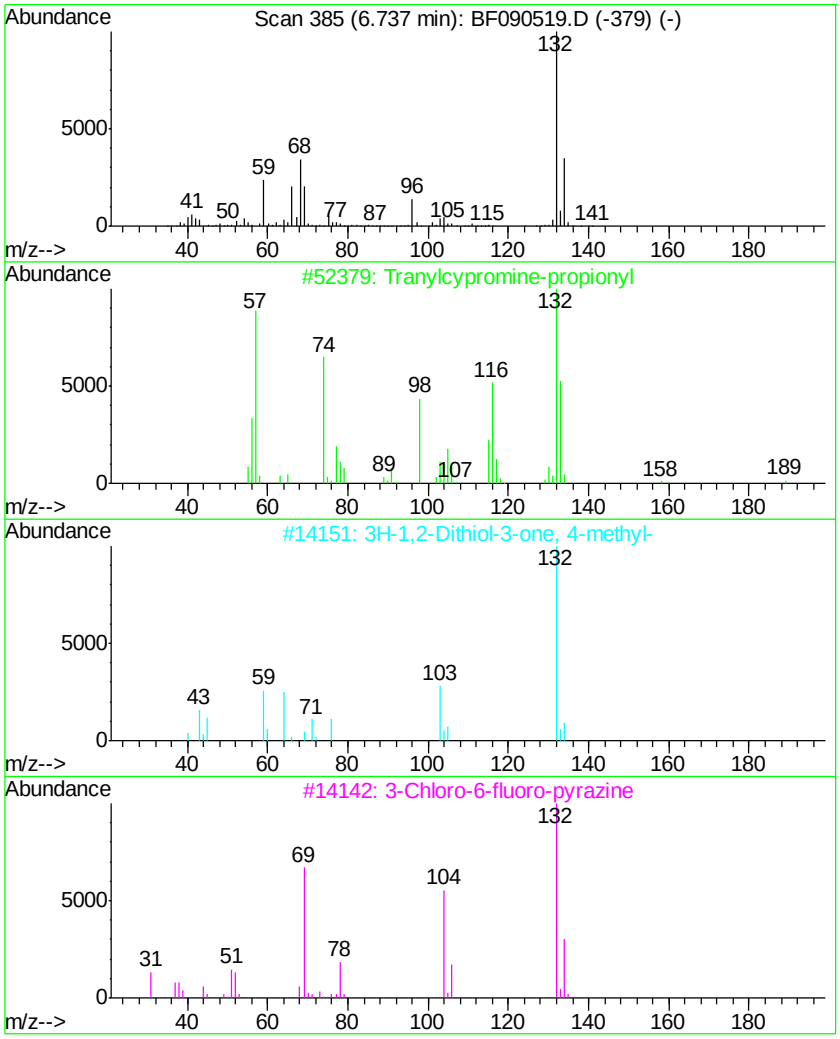
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

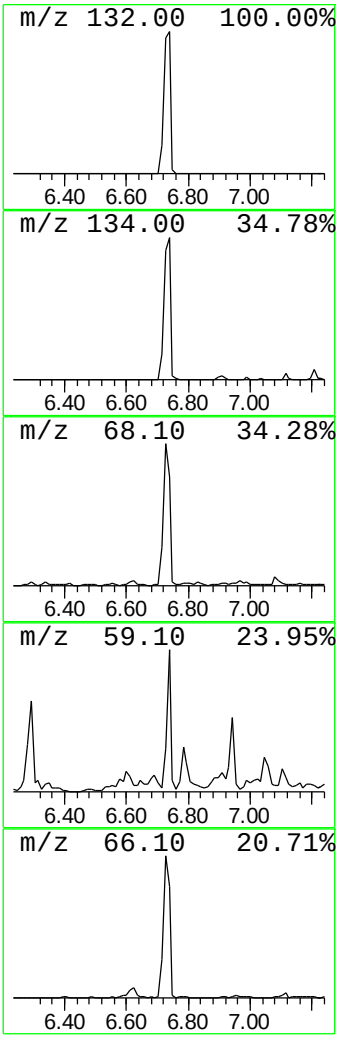
****

Peak Number 4 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.78 ng	6636180	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
2	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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TIC Library : C:\DATABASE\NIST11.L
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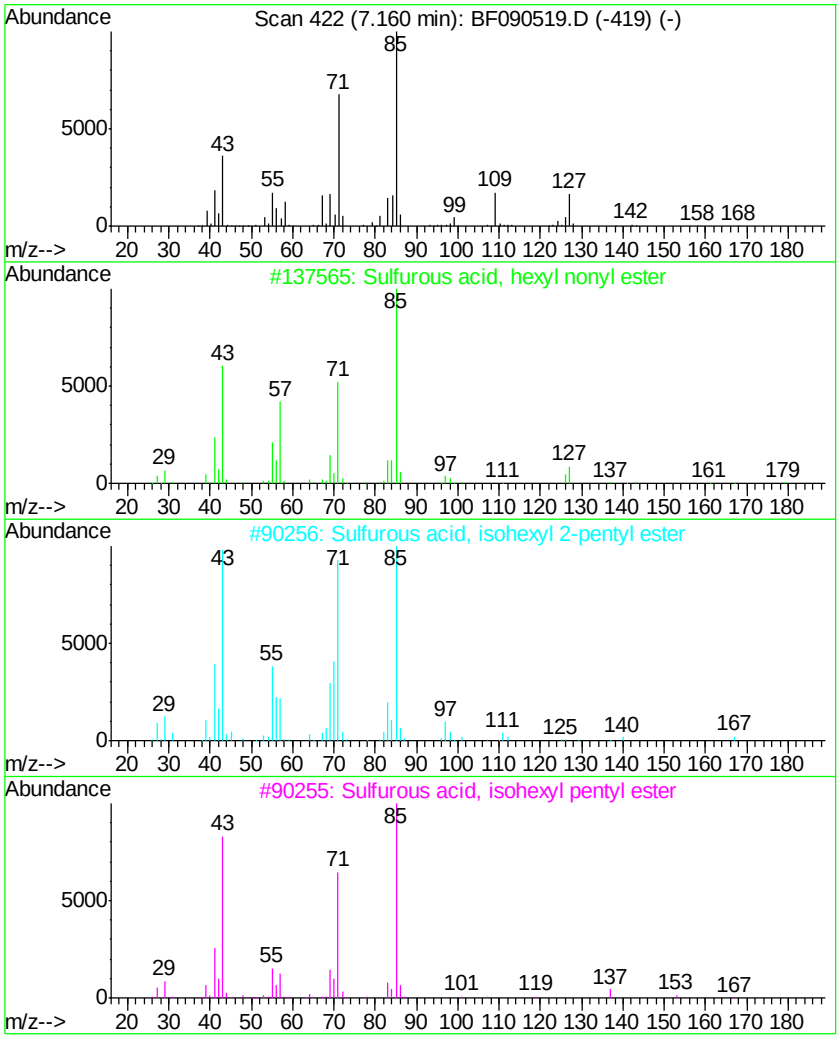
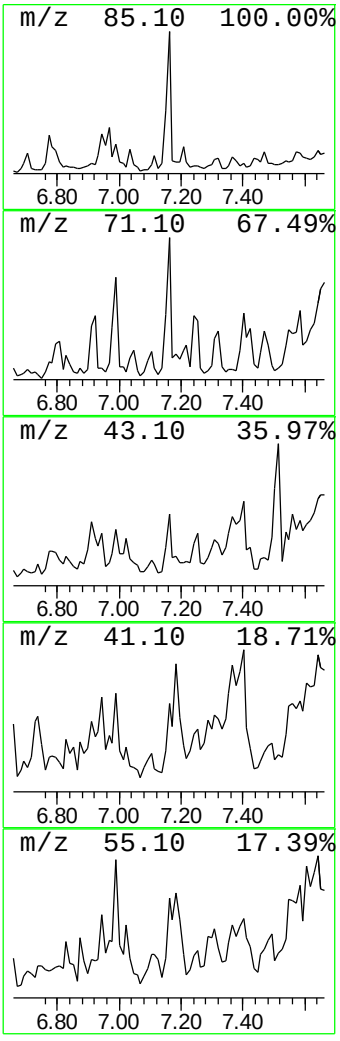
****

Peak Number 6 Sulfurous acid, hexyl nonyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	16.55 ng	1749080	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	56
2	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	50
3	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	50
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	38





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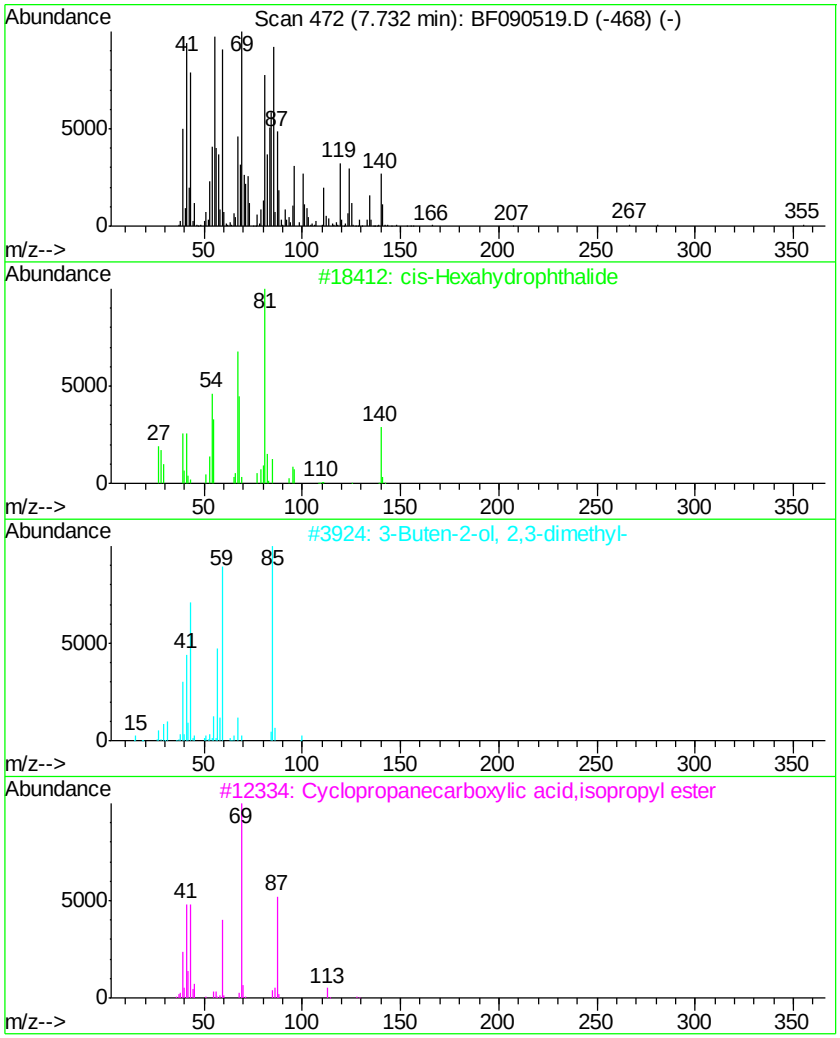
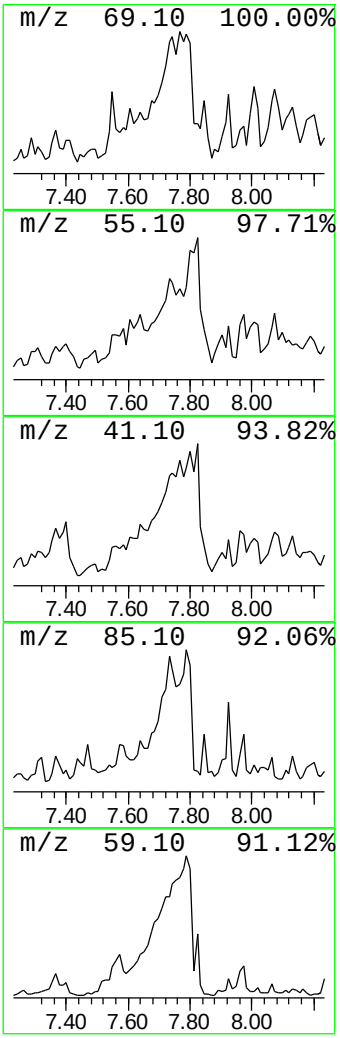
Peak Number 7 unknown7.73 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	26.82 ng	5287520	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Hexahydrophthalide	140	C8H12O2	006939-71-5	25
2	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	22
3	Cyclopropanecarboxylic acid,isop...	128	C7H12O2	006887-83-8	14
4	1,6:2,3-Dianhydro-4-deoxy-.beta....	128	C6H8O3	050767-54-9	14
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	11





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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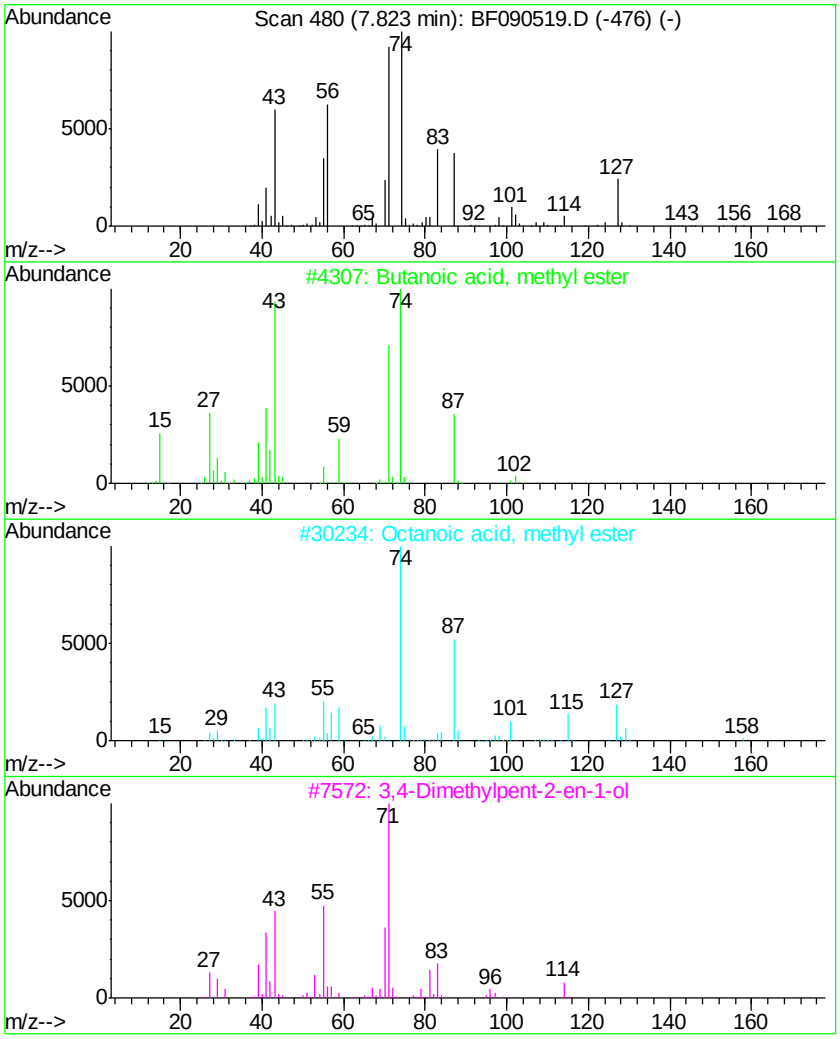
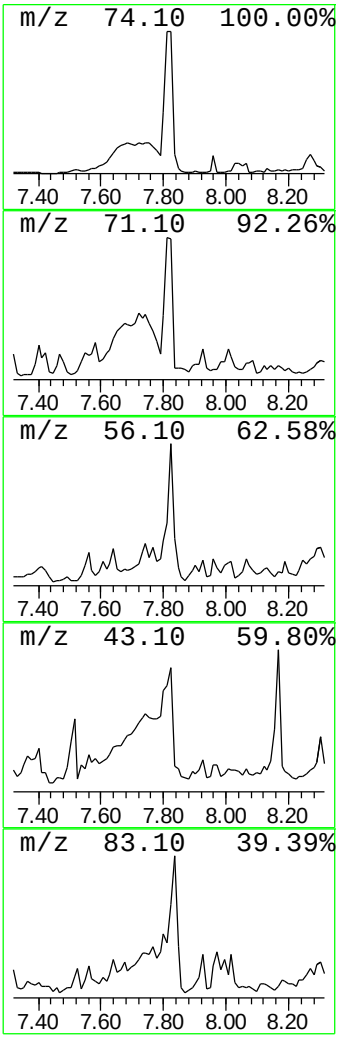
Peak Number 8 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	74.77 ng	14737900	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	43
2	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	10
3	3,4-Dimethylpent-2-en-1-ol	114	C7H14O	1000195-06-9	10
4	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	9
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	9





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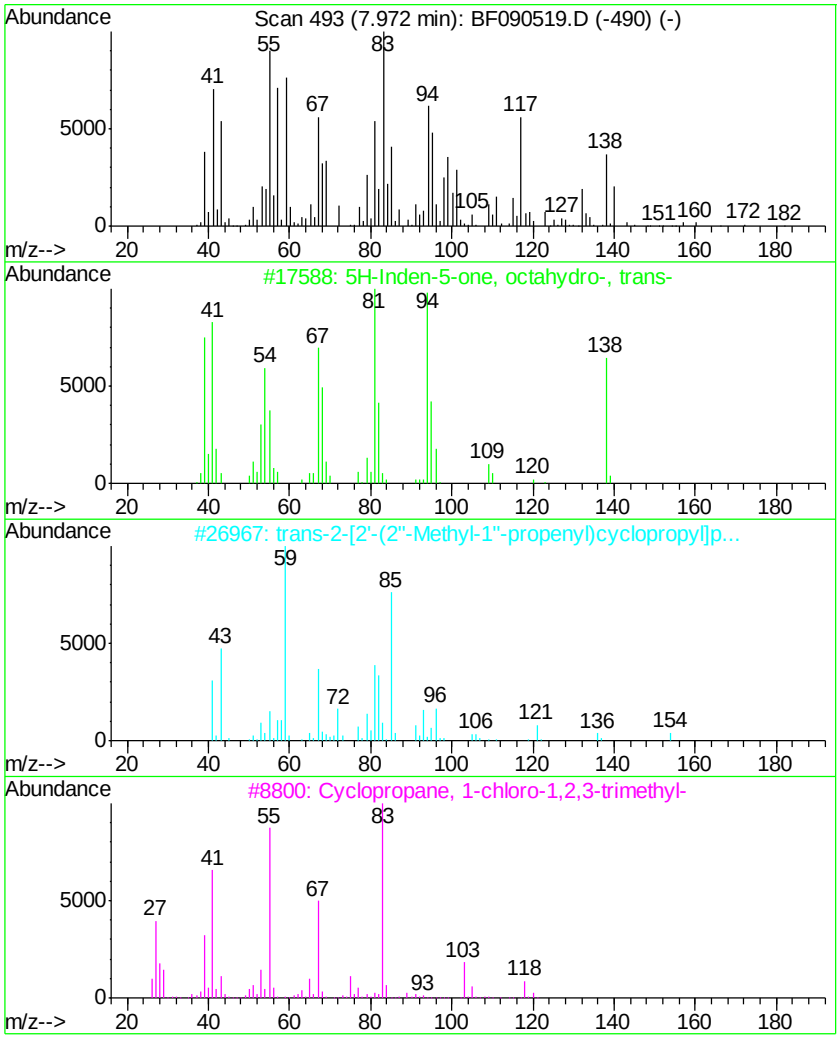
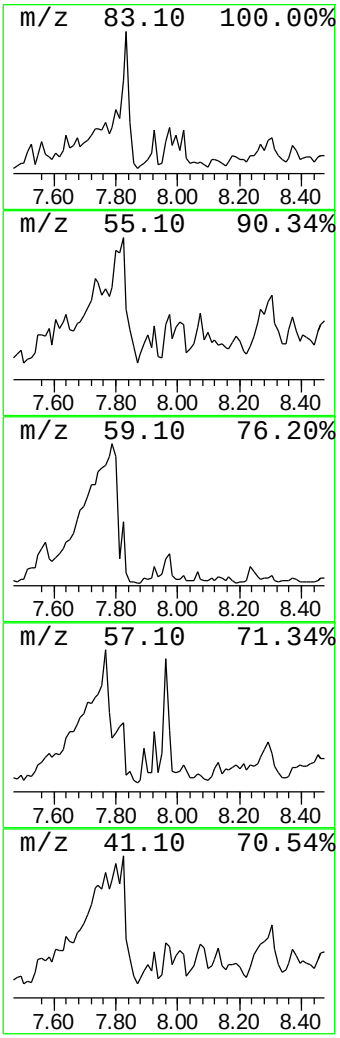
Peak Number 9 unknown7.97 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	19.16 ng	3777180	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	25
2	trans-2-[2'-(2''-Methyl-1''-prop...	154	C10H18O	038996-80-4	14
3	Cyclopropane, 1-chloro-1,2,3-tri...	118	C6H11Cl	061177-20-6	11
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	11
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	11





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Data File : BF090519.D
Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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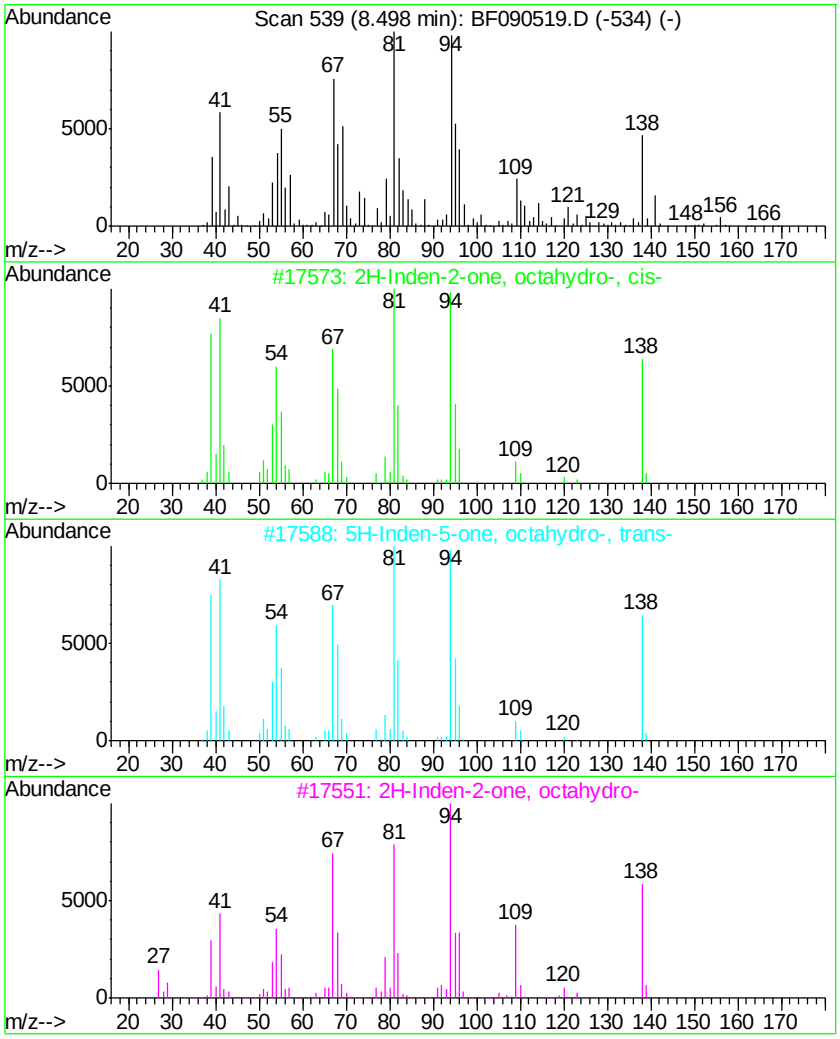
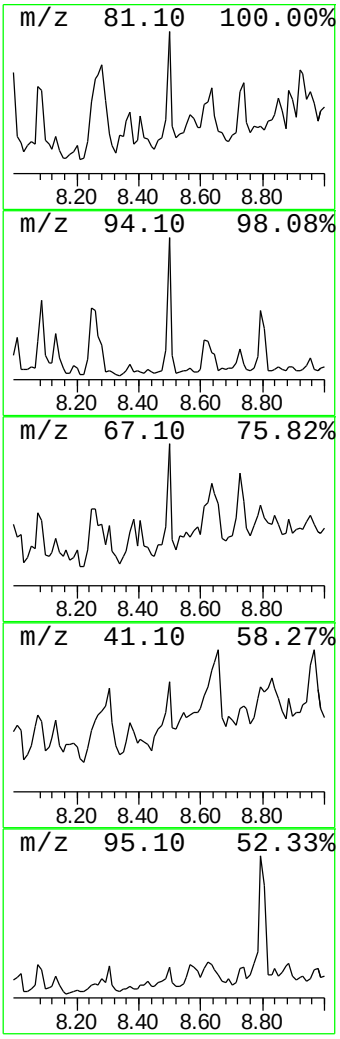
Peak Number 10 2H-Inden-2-one, octahydro-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	26.16 ng	5156710	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	94
2	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	94
3	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	91
4	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	90
5	5H-Inden-5-one, octahydro-, cis-	138	C9H14O	004668-91-1	83





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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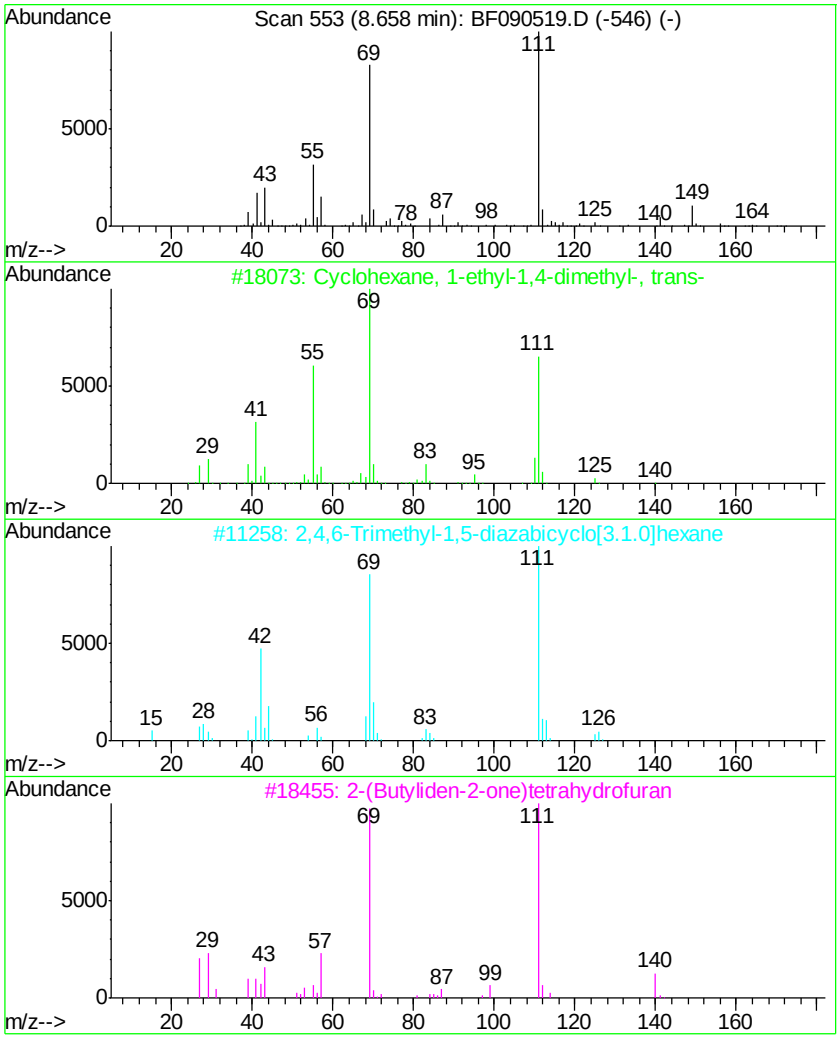
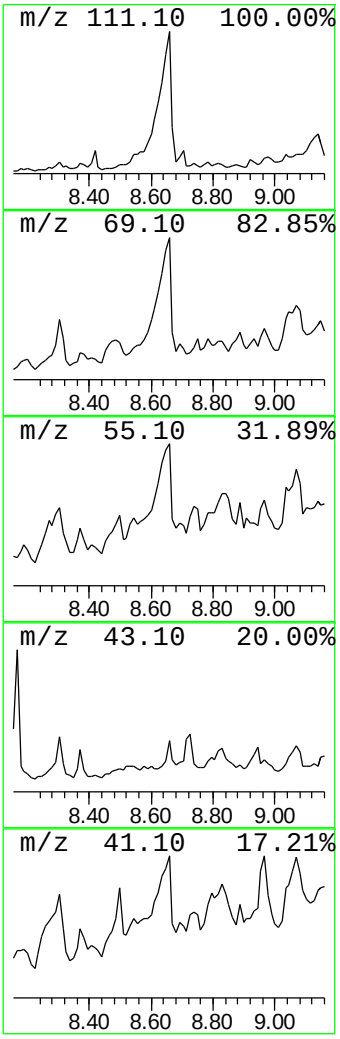
Peak Number 11 Cyclohexane, 1-ethyl-1,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	36.48 ng	7189990	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	72
2	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	64
3	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	56
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	56
5	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	56





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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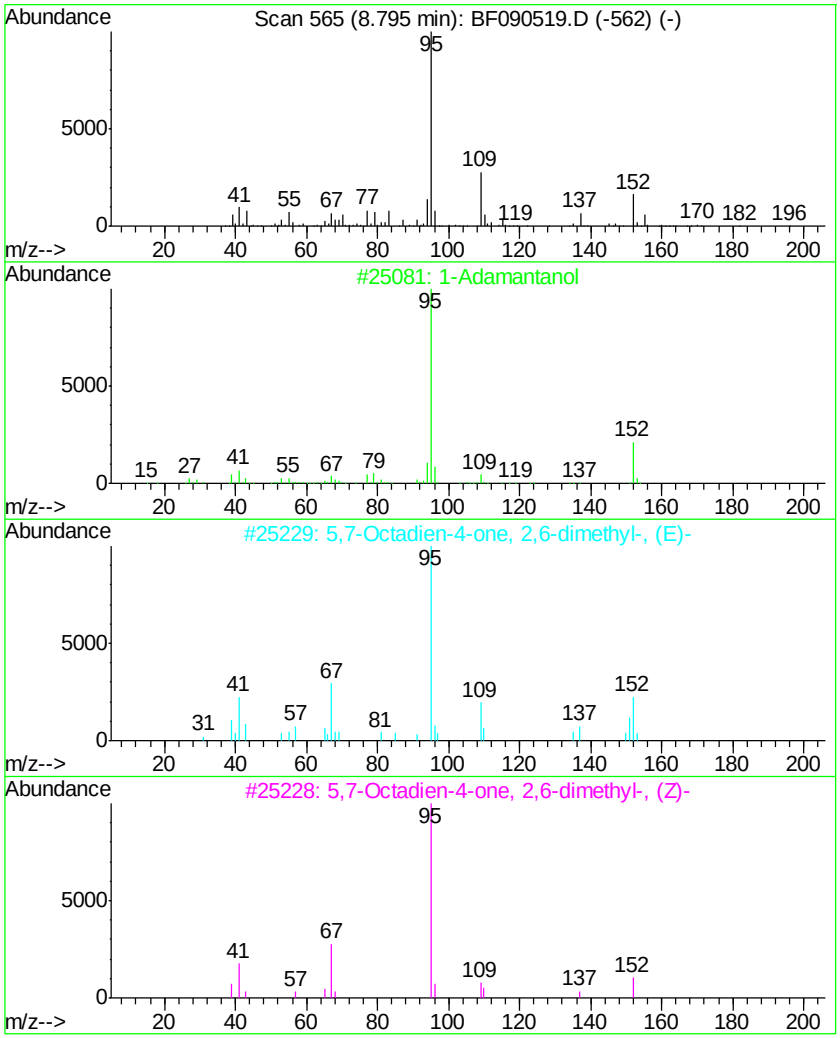
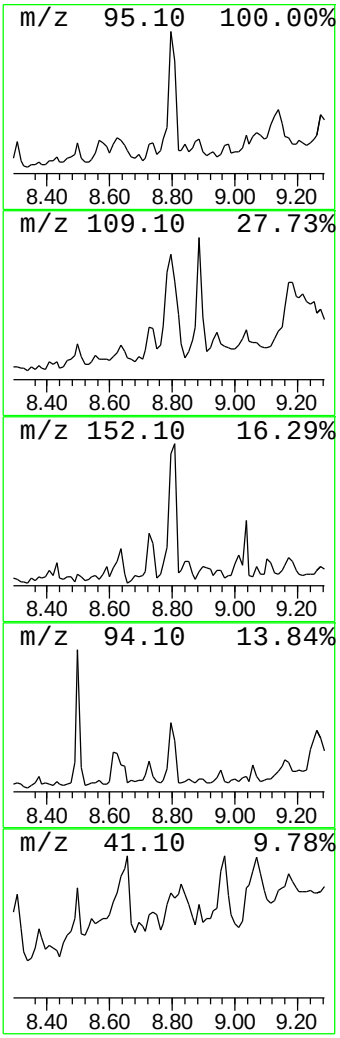
Peak Number 12 1-Adamantanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	20.28 ng	3998240	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	68
2	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	64
3	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	59
4	2-Pyrimidinamine	95	C4H5N3	000109-12-6	47
5	Bicyclo[3.3.0]octan-3-one, 6-iod...	264	C9H13IO	1000150-13-4	38





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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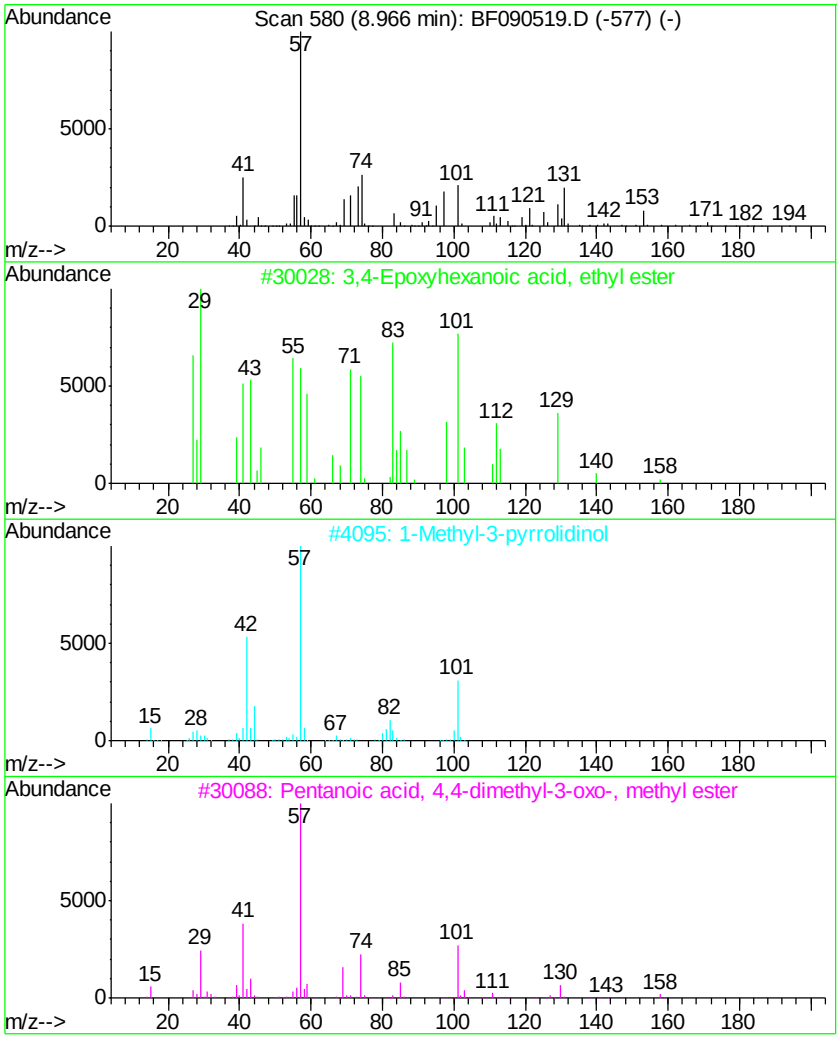
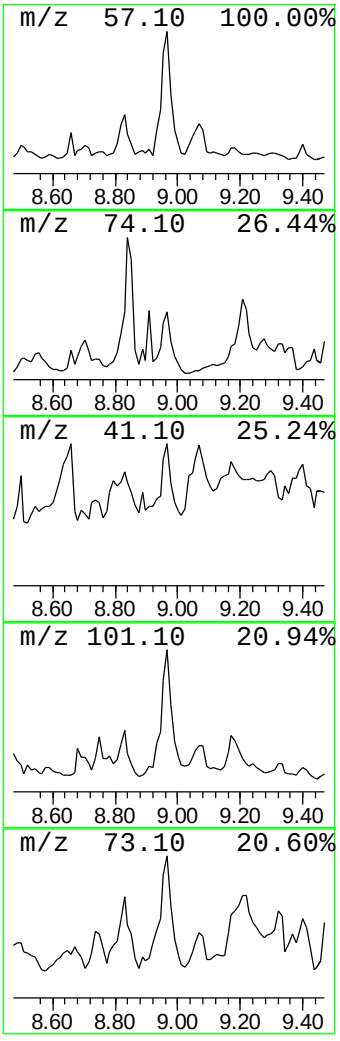
Peak Number 13 unknown8.97 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	22.25 ng	4386840	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Epoxyhexanoic acid, ethyl ester	158	C8H14O3	061454-92-0	10
2	1-Methyl-3-pyrrolidinol	101	C5H11NO	013220-33-2	9
3	Pentanoic acid, 4,4-dimethyl-3-o...	158	C8H14O3	055107-14-7	9
4	1,1-Diisobutoxy-isobutane	202	C12H26O2	013262-24-3	9
5	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	9





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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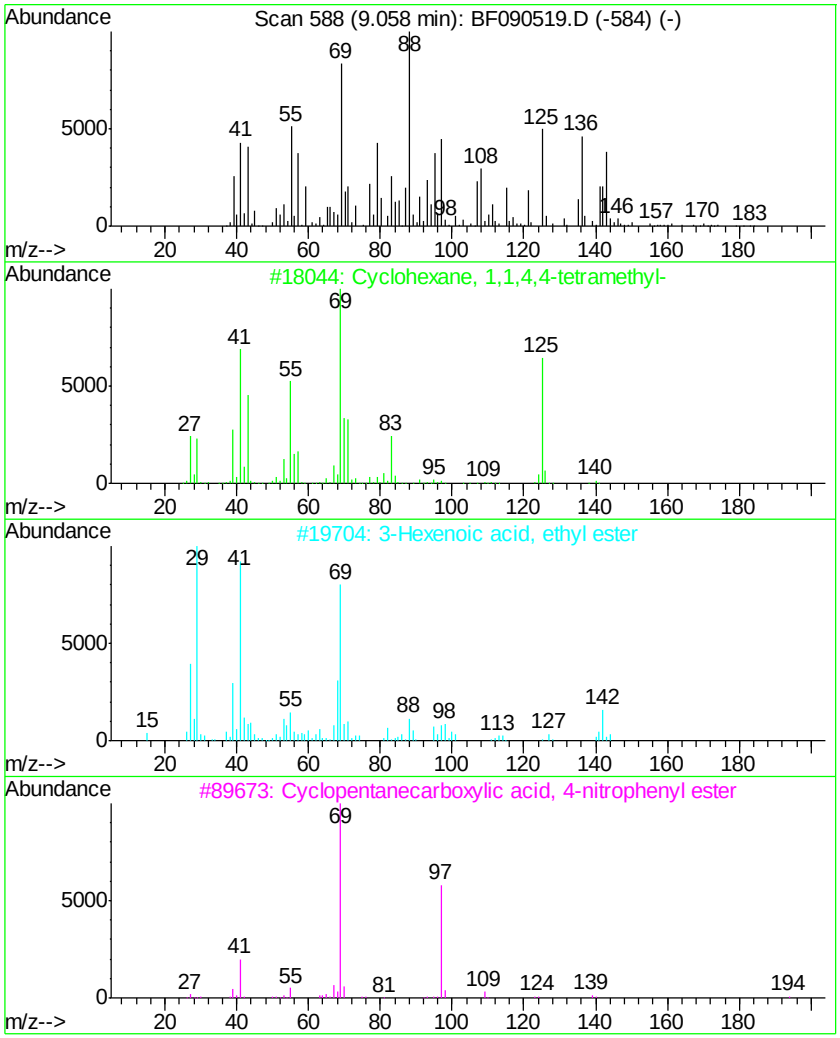
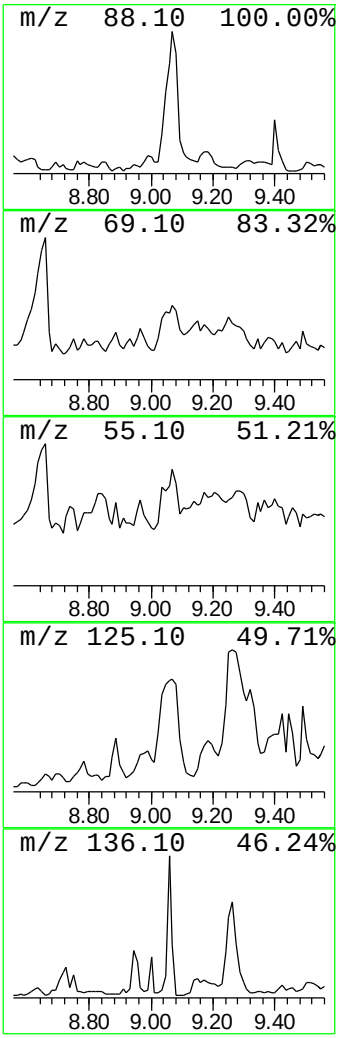
Peak Number 14 unknown9.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	46.47 ng	9160040	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	18
2	3-Hexenoic acid, ethyl ester	142	C8H14O2	002396-83-0	14
3	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	14
4	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	14
5	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	14





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

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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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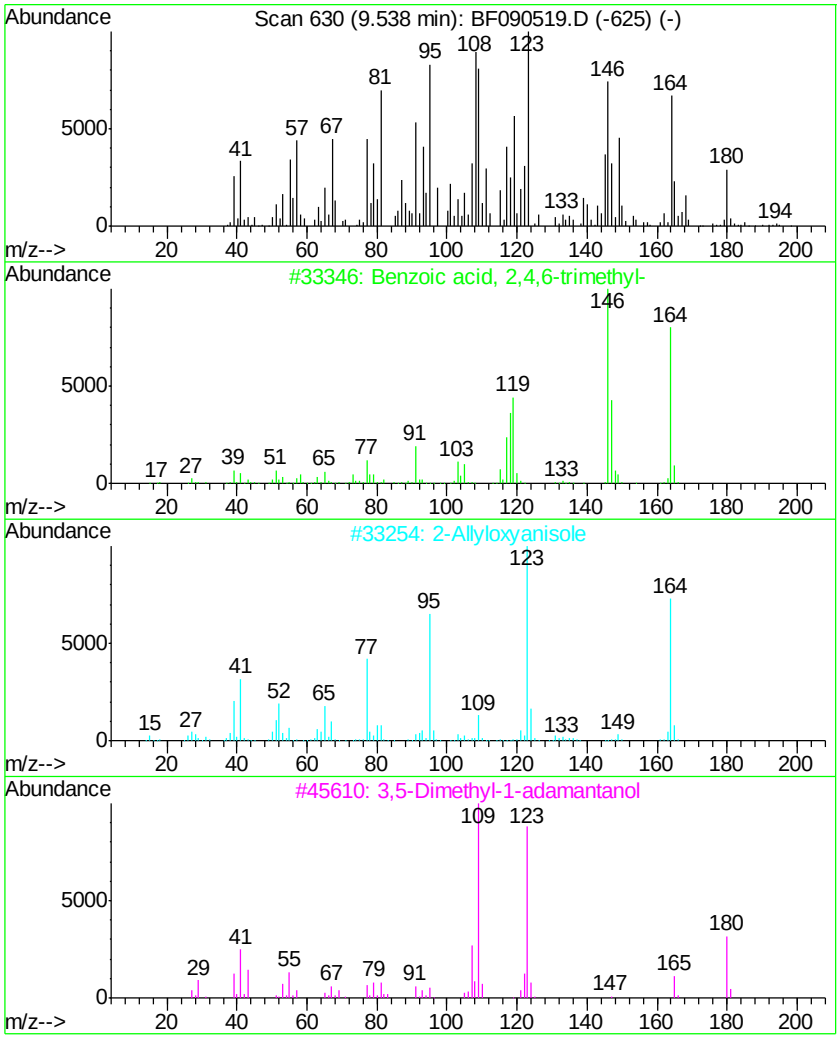
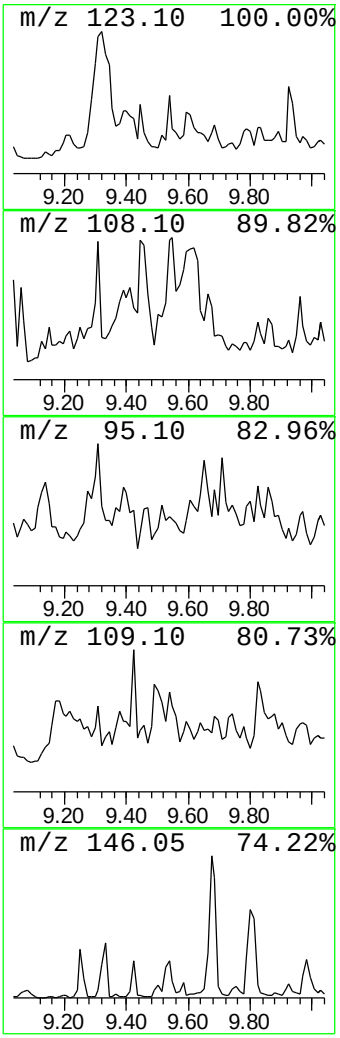
Peak Number 15 unknown9.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	35.78 ng	5033270	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	25
2	2-Allyloxyanisole	164	C10H12O2	004125-43-3	25
3	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	18
4	Cyclohexane, 1,4-bis(ethoxymethyl)-	200	C12H24O2	054889-63-3	14
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	14





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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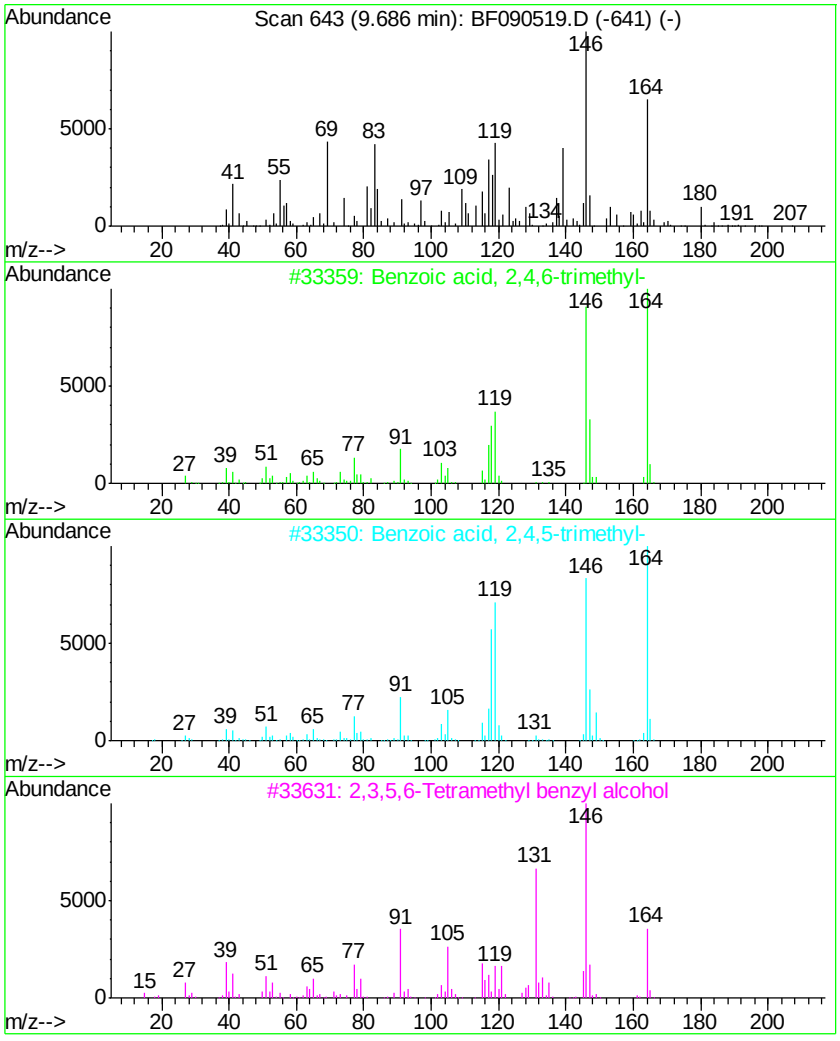
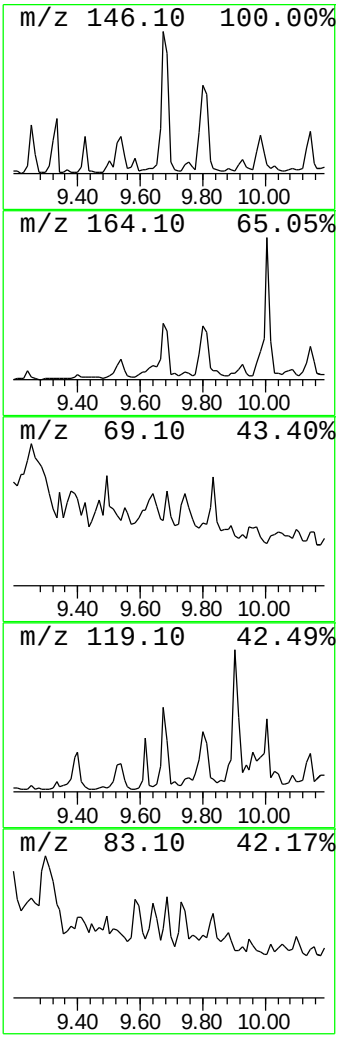
Peak Number 16 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	27.19 ng	3824700	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	60
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	35
3	2,3,5,6-Tetramethyl benzyl alcohol	164	C11H16O	1000342-69-6	30
4	3-Chloro-4-fluorophenol	146	C6H4ClFO	002613-23-2	27
5	Pteridine, 7-methyl-	146	C7H6N4	000936-40-3	25





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Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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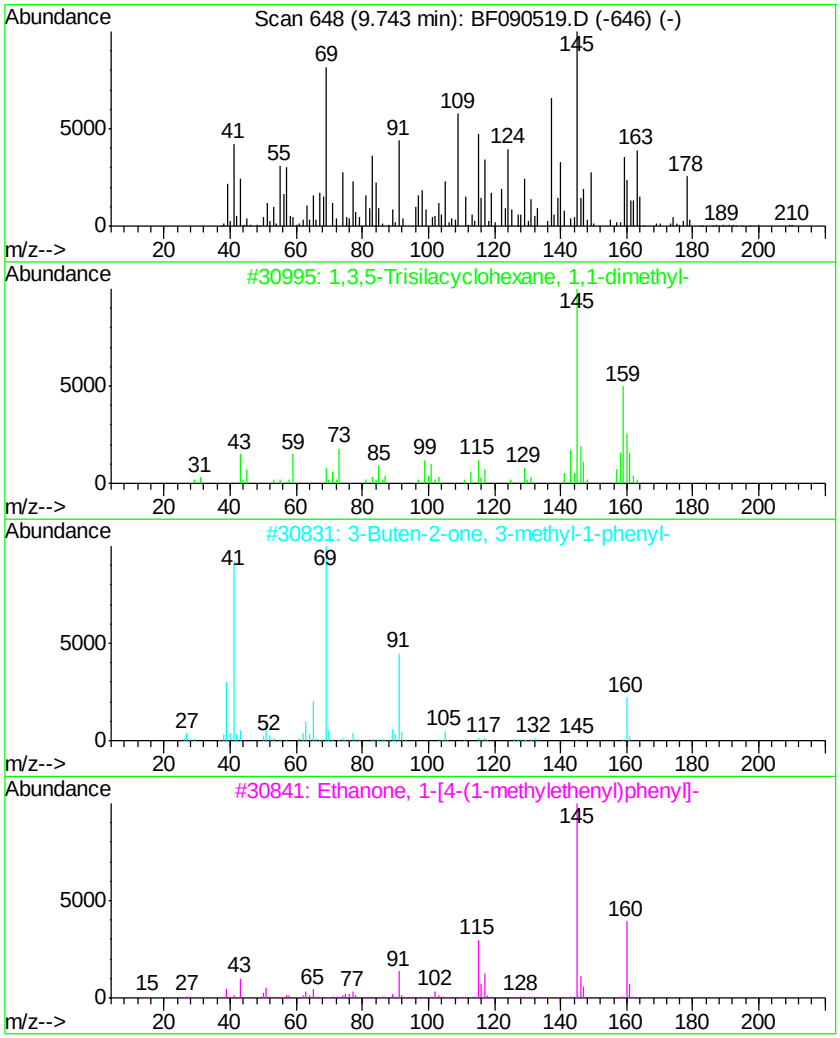
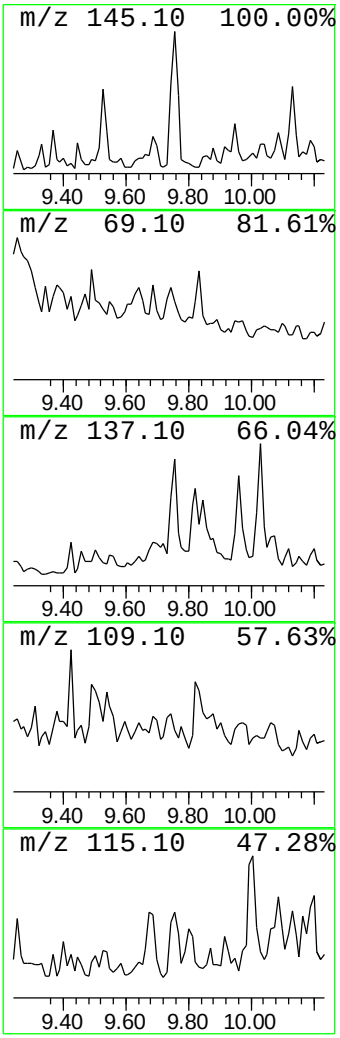
Peak Number 17 unknown9.74 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	15.74 ng	2213340	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trisilacyclohexane, 1,1-di...	160	C5H16Si3	054424-15-6	18
2	3-Buten-2-one, 3-methyl-1-phenyl-	160	C11H12O	055956-30-4	15
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	15
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	15
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	15





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Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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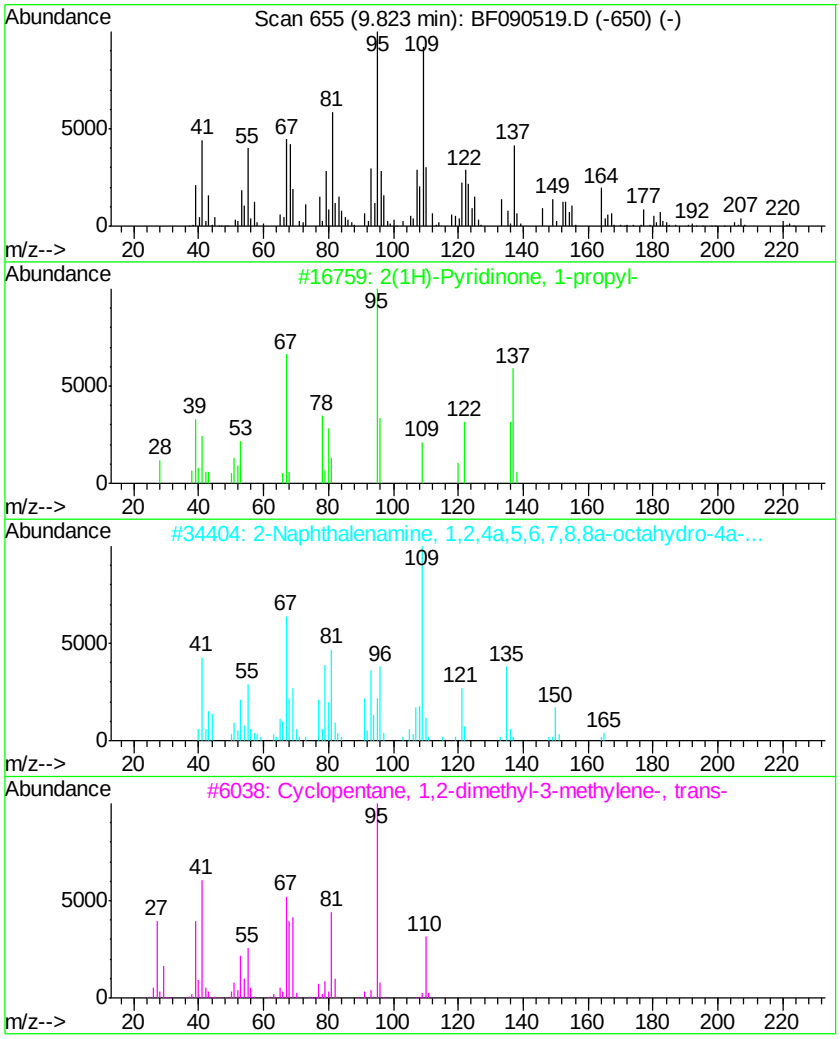
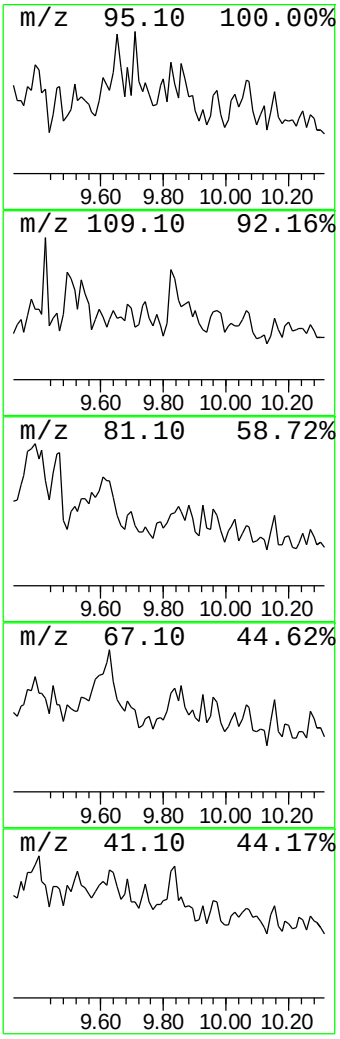
Peak Number 18 unknown9.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	31.84 ng	4478730	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	43
2	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	42
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	20
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	18
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	18





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Sample : H5146-07
Misc :
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Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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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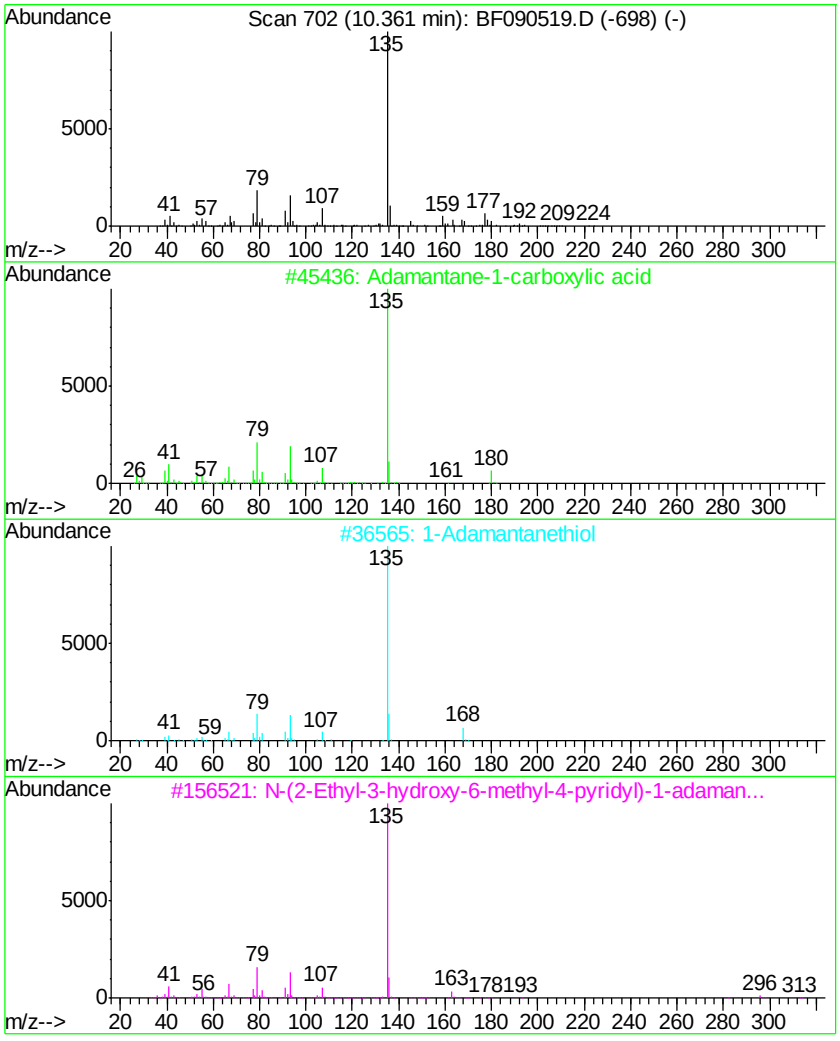
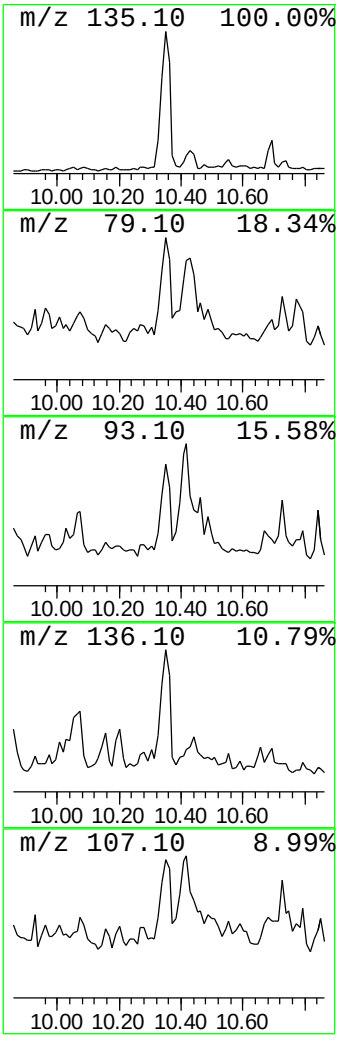
Peak Number 19 Adamantane-1-carboxylic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	32.26 ng	4538320	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	87
2	1-Adamantanethiol	168	C10H16S	034301-54-7	87
3	N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	80
4	1-Bromoadamantane	214	C10H15Br	000768-90-1	80
5	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	80





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ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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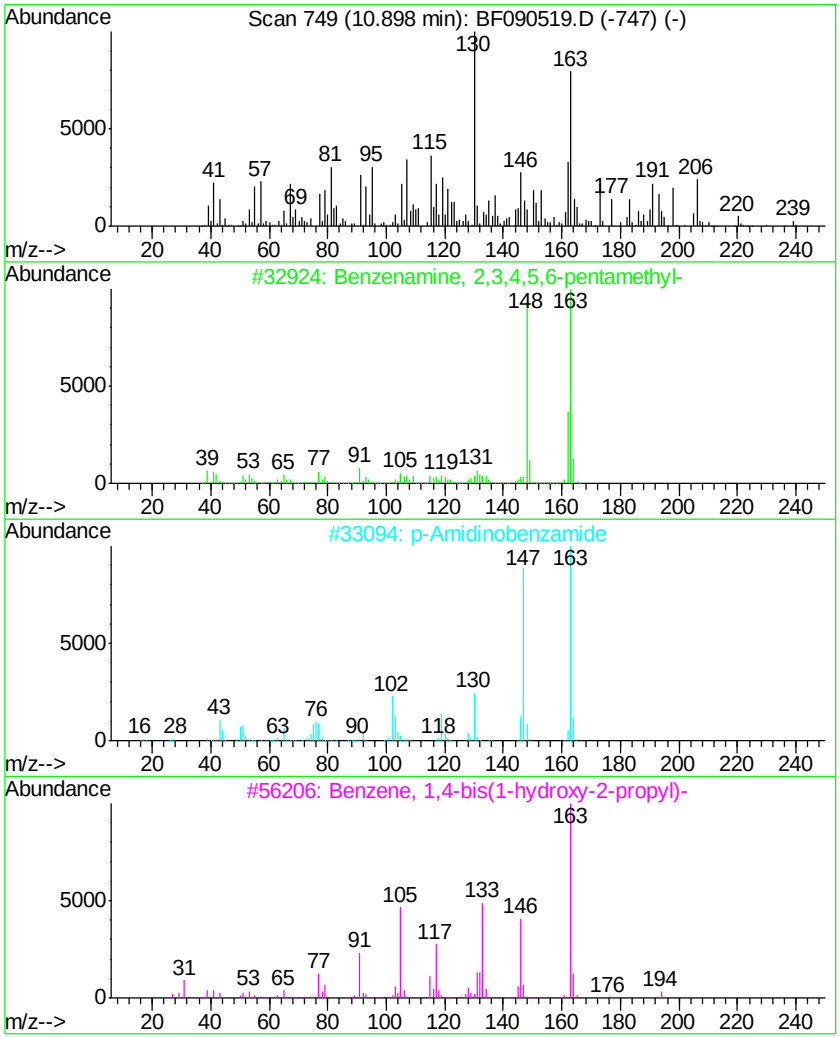
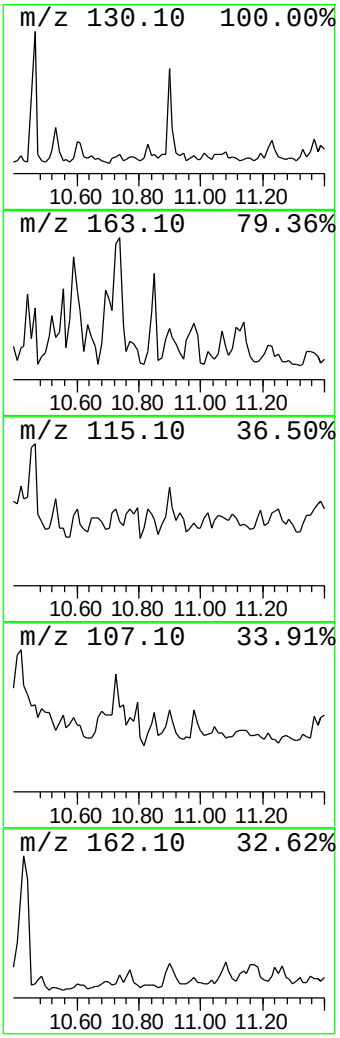
Peak Number 20 unknown10.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	21.66 ng	2036050	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	30
2	p-Amidinobenzamide	163	C8H9N3O	054050-86-1	22
3	Benzene, 1,4-bis(1-hydroxy-2-pro...	194	C12H18O2	1000161-06-4	22
4	3-Indolylacetone	173	C11H11NO	001201-26-9	18
5	.beta.-[2-Methoxy-4,6-dimethylph...	222	C13H18O3	1000129-26-2	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090519.D
Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0613

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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
trans-3,4-Dimethy...	5.99	15.7	ng	1654250	1	6.95	2114040	20.0
unknown6.74	6.74	62.8	ng	6636180	1	6.95	2114040	20.0
Sulfurous acid, h...	7.16	16.6	ng	1749080	1	6.95	2114040	20.0
unknown7.73	7.73	26.8	ng	5287520	2	8.25	3942410	20.0
unknown7.82	7.82	74.8	ng	14737900	2	8.25	3942410	20.0
unknown7.97	7.97	19.2	ng	3777180	2	8.25	3942410	20.0
2H-Inden-2-one, o...	8.50	26.2	ng	5156710	2	8.25	3942410	20.0
Cyclohexane, 1-et...	8.66	36.5	ng	7189990	2	8.25	3942410	20.0
1-Adamantanol	8.79	20.3	ng	3998240	2	8.25	3942410	20.0
unknown8.97	8.97	22.3	ng	4386840	2	8.25	3942410	20.0
unknown9.06	9.06	46.5	ng	9160040	2	8.25	3942410	20.0
unknown9.54	9.54	35.8	ng	5033270	3	10.01	2813260	20.0
Benzoic acid, 2,4...	9.69	27.2	ng	3824700	3	10.01	2813260	20.0
unknown9.74	9.74	15.7	ng	2213340	3	10.01	2813260	20.0
unknown9.82	9.82	31.8	ng	4478730	3	10.01	2813260	20.0
Adamantane-1-carb...	10.36	32.3	ng	4538320	3	10.01	2813260	20.0
unknown10.90	10.90	21.7	ng	2036050	4	11.50	1879640	20.0