LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

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-BF040216.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	4.887	243	245	249	rBV	81906	131599	3.78%	0.153%
2	5.161	267	269	273	rBV	605695	610870	17.54%	0.709%
3	5.333	281	284	291	rBV	833908	1278466	36.71%	1.484%
4	5.493	294	298	302	rVV3	89457	164692	4.73%	0.191%
5	5.561	302	304	305	rVV2	39074	52179	1.50%	0.061%
6	5.596	305	307	313	rVB3	113892	197709	5.68%	0.229%
7	5.767	320	322	328	rVB	104232	119108	3.42%	0.138%
8	5.881	331	332	335	rVB	97925	101228	2.91%	0.117%
9	5.950	335	338	340	rBV2	54830	78231	2.25%	0.091%
10	6.053	345	347	350	rBV2	74784	97367	2.80%	0.113%
11	6.144	352	355	357	rBV3	95003	137608	3.95%	0.160%
12	6.190	357	359	361	rVB2	238782	307334	8.83%	0.357%
13	6.247	361	364	366	rVB2	202785	285868	8.21%	0.332%
14	6.339	370	372	375	rBV2	77899	166956	4.79%	0.194%
15	6.384	375	376	384	rVB2	685193	901715	25.89%	1.046%
16	6.510	384	387	389	rBV	1849380	2476596	71.12%	2.874%
17	6.556	389	391	394	rVB2	44795	66306	1.90%	0.077%
18	6.636	394	398	399	rBV3	162317	293292	8.42%	0.340%
19	6.739	404	407	410	rBV2	638114	914985	26.28%	1.062%
20	6.796	410	412	413	rVB	98973	105224	3.02%	0.122%
21	6.887	418	420	424	rBV2	2075044	3482247	100.00%	4.041%
22	6.944	424	425	427	rVB	198461	212956	6.12%	0.247%
23	6.990	427	429	431	rVB	197681	195339	5.61%	0.227%
24	7.082	434	437	440	rBV2	189495	364457	10.47%	0.423%
25	7.150	440	443	444	rBV2	152590	236752	6.80%	0.275%
26	7.196	444	447	449	rBV3	202470	471164	13.53%	0.547%
27	7.276	449	454	455	rBV3	399540	779736	22.39%	0.905%
28	7.310	455	457	459	rVB	2045072	2219363	63.73%	2.575%
29	7.344	459	460	462	rVB2	43084	44946	1.29%	0.052%
30	7.390	462	464	465	rBV	162023	204516	5.87%	0.237%
31	7.424	465	467	469	rVB2	184722	177862	5.11%	0.206%
32	7.504	470	474	476	rBV3	350207	703201	20.19%	0.816%
33	7.607	481	483	485	rVB	395440	594833	17.08%	0.690%
34	7.699	487	491	493	rVB3	391501	674721	19.38%	0.783%

LSC Area Percent Report

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Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.756	493	496	499	rBV2	1184682	1631468	46.85%	1.893%
36	7.836	499	503	504	rBV3	697782	1083801	31.12%	1.258%
37	7.893	507	508	509	rVB	160845	110259	3.17%	0.128%
38	7.973	511	515	516	rBV	410136	900872	25.87%	1.045%
39	8.019	517	519	522	rVB3	641638	876000	25.16%	1.017%
40	8.099	525	526	527	rVB	402038	275597	7.91%	0.320%
41	8.179	527	533	535	rBV3	595160	1413700	40.60%	1.640%
42	8.236	535	538	540	rVB2	549947	909221	26.11%	1.055%
43	8.293	540	543	545	rBV3	618201	1259491	36.17%	1.462%
44	8.362	545	549	551	rBV4	399594	1204311	34.58%	1.397%
45	8.407	551	553	556	rBV3	580651	1429859	41.06%	1.659%
46	8.556	560	566	568	rBV4	780665	2398991	68.89%	2.784%
47	8.625	568	572	573	rBV4	755636	1306288	37.51%	1.516%
48	8.659	573	575	578	rBV4	279786	580133	16.66%	0.673%
49	8.739	580	582	583	rBV2	553672	846976	24.32%	0.983%
50	8.773	583	585	586	rVB	442010	416488	11.96%	0.483%
51	8.842	589	591	594	rBV3	800550	1291837	37.10%	1.499%
52	8.922	596	598	600	rVB2	477628	587601	16.87%	0.682%
53	8.956	600	601	602	rBV	432354	522599	15.01%	0.606%
54	9.036	606	608	609	rBV2	621793	885903	25.44%	1.028%
55	9.105	612	614	616	rVV	2211221	2140492	61.47%	2.484%
56	9.162	617	619	621	rVV3	503135	665837	19.12%	0.773%
57	9.367	635	637	640	rBV3	1482241	2413936	69.32%	2.801%
58	9.527	648	651	654	rBV4	1080221	3269443	93.89%	3.794%
59	9.642	658	661	663	rVB3	570910	1151133	33.06%	1.336%
60	9.779	669	673	677	rVB7	962133	2292657	65.84%	2.660%
61	9.836	677	678	682	rBV3	463133	1217412	34.96%	1.413%
62	9.928	684	686	687	rBV	945296	977770	28.08%	1.135%
63	9.985	687	691	693	rVV4	778869	1580501	45.39%	1.834%
64	10.065	697	698	700	rVB2	650722	880036	25.27%	1.021%
65	10.179	707	708	711	rBV3	534261	852232	24.47%	0.989%
66	10.236	711	713	715	rVV	978042	1248288	35.85%	1.449%
67	10.282	715	717	718	rVV2	421022	518174	14.88%	0.601%
68	10.339	718	722	725	rVV5	415619	1073637	30.83%	1.246%
69	10.396	725	727	729	rVV2	646156	1069964	30.73%	1.242%
70	10.442	729	731	733	rVV2	852710	1473633	42.32%	1.710%
71	10.476	733	734	738	rVV3	815534	1072355	30.79%	1.244%

LSC Area Percent Report

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Acq On : 7 Apr 2016 20:33
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Sample : H2230-09
Misc :
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Instrument : BNA_F
ClientSampleId : RW-1-040116

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.579	739	743	746	rVV3	1309143	2042852	58.66%	2.371%
73	10.636	746	748	749	rVV2	382522	526685	15.12%	0.611%
74	10.693	751	753	756	rVV3	719230	1317838	37.84%	1.529%
75	10.739	756	757	759	rVV2	548972	590511	16.96%	0.685%
76	10.831	762	765	767	rBV3	680119	1503925	43.19%	1.745%
77	10.876	767	769	770	rVV2	485388	437060	12.55%	0.507%
78	10.911	770	772	773	rVV	491169	544333	15.63%	0.632%
79	10.945	773	775	776	rVB	388130	474848	13.64%	0.551%
80	11.025	780	782	783	rBV	681736	895172	25.71%	1.039%
81	11.059	783	785	788	rVB3	817359	1346928	38.68%	1.563%
82	11.139	790	792	793	rBV	244505	260066	7.47%	0.302%
83	11.219	797	799	801	rBV3	285037	598030	17.17%	0.694%
84	11.265	801	803	809	rVB3	872789	2031619	58.34%	2.357%
85	11.391	811	814	816	rBV2	678881	1040109	29.87%	1.207%
86	11.631	833	835	837	rVB2	200476	224190	6.44%	0.260%
87	11.711	840	842	845	rBV2	648551	1138691	32.70%	1.321%
88	11.836	852	853	854	rVB	429689	294552	8.46%	0.342%
89	11.882	855	857	862	rVB	508523	767402	22.04%	0.890%
90	11.962	862	864	869	rBV5	204331	658207	18.90%	0.764%
91	12.099	874	876	879	rVV2	377791	737259	21.17%	0.856%
92	12.191	881	884	888	rVB	956575	1600803	45.97%	1.858%
93	12.305	892	894	896	rBV	299686	294192	8.45%	0.341%
94	12.602	917	920	922	rBV2	277408	355827	10.22%	0.413%
95	12.854	939	942	944	rVB	2309311	2603885	74.78%	3.022%
96	13.745	1018	1020	1026	rVB	100624	152743	4.39%	0.177%
97	13.894	1031	1033	1036	rVB	507189	540305	15.52%	0.627%
98	15.300	1153	1156	1161	rVB	332653	521579	14.98%	0.605%

Sum of corrected areas: 86177932

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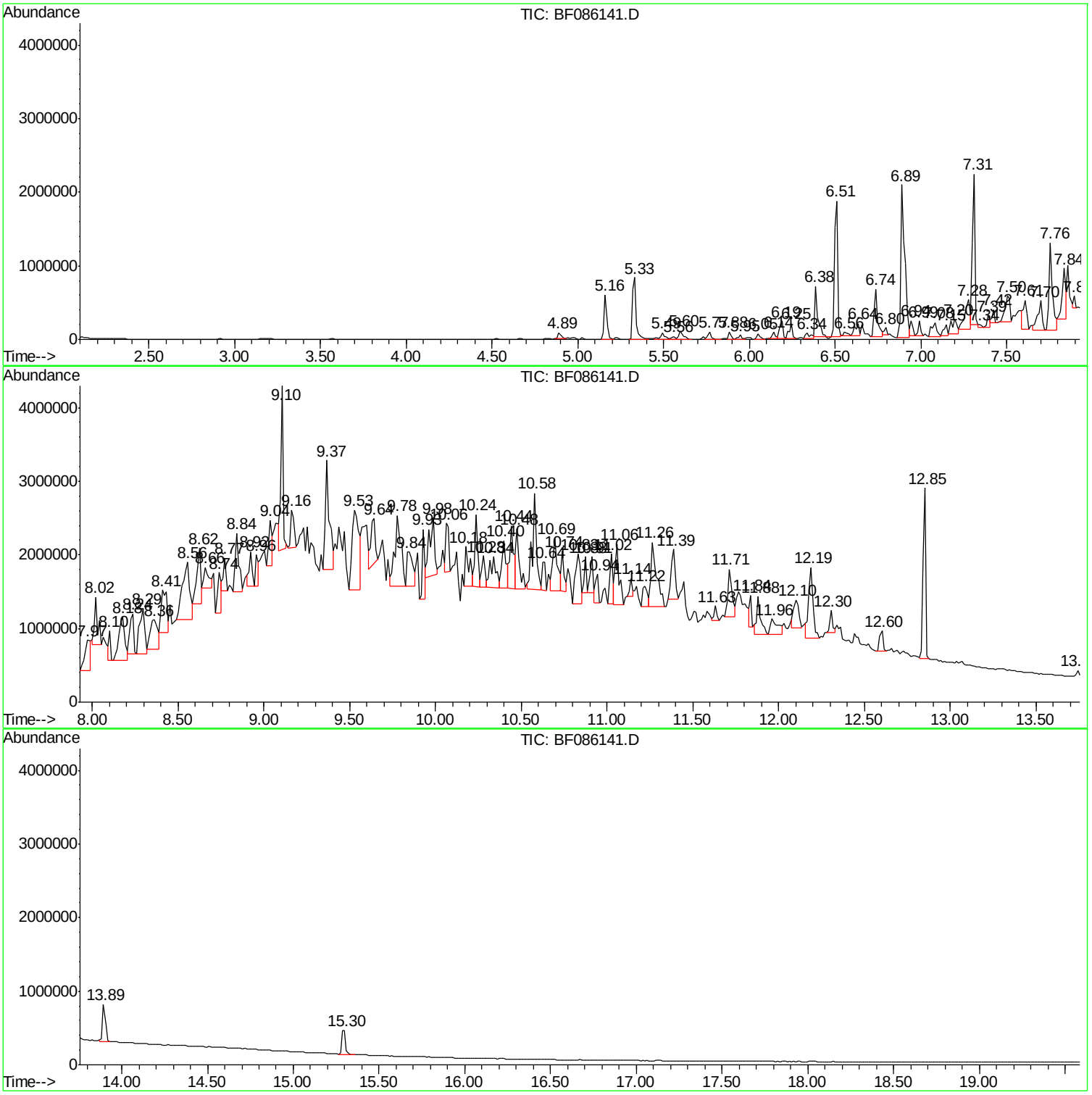
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040716\
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Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
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Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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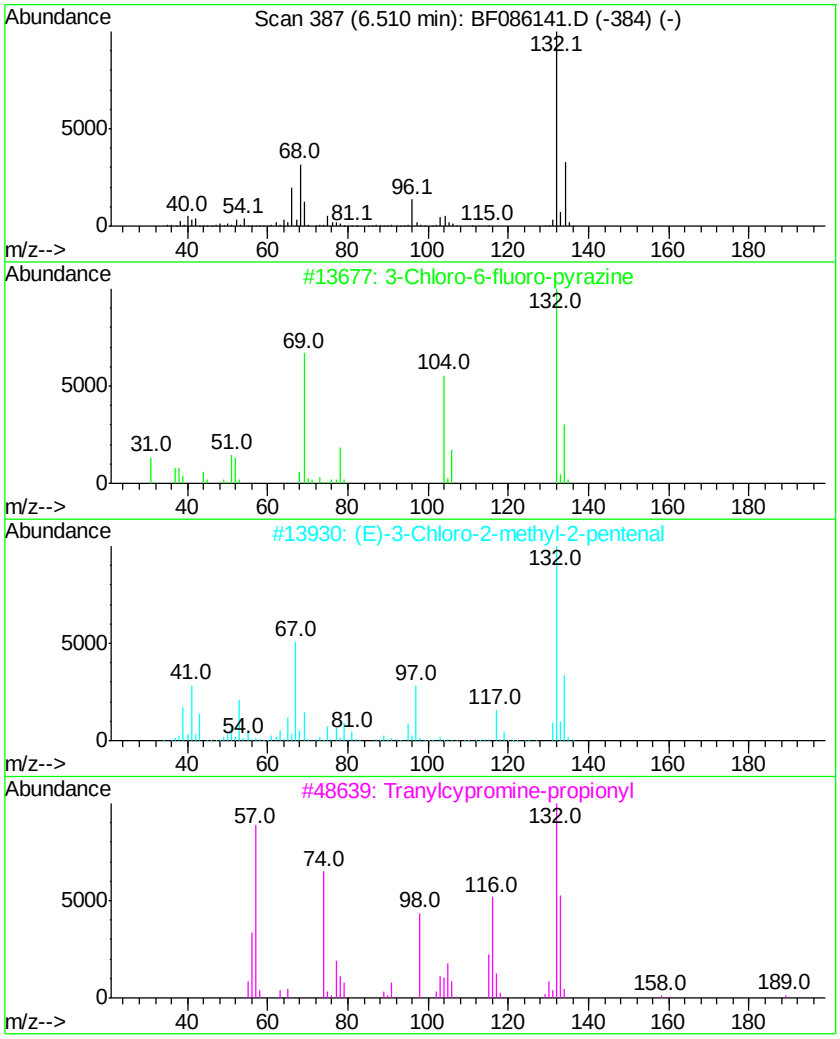
TIC Integration Parameters: LSCINT.P

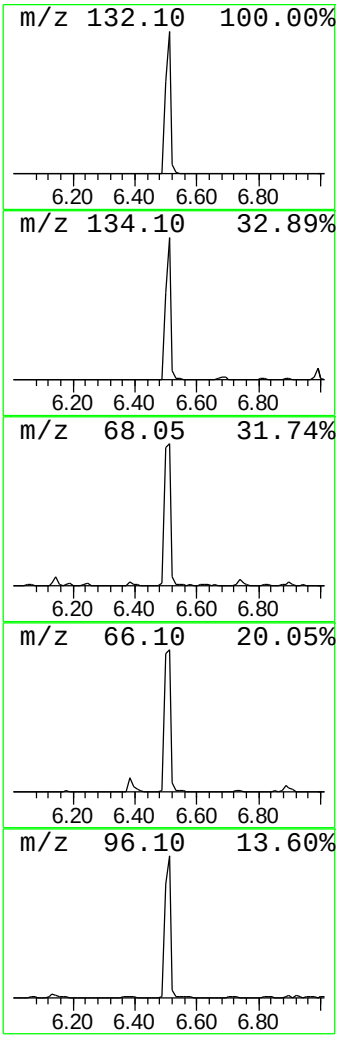
****

Peak Number 2 unknown6.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	54.13 ng	2476600	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

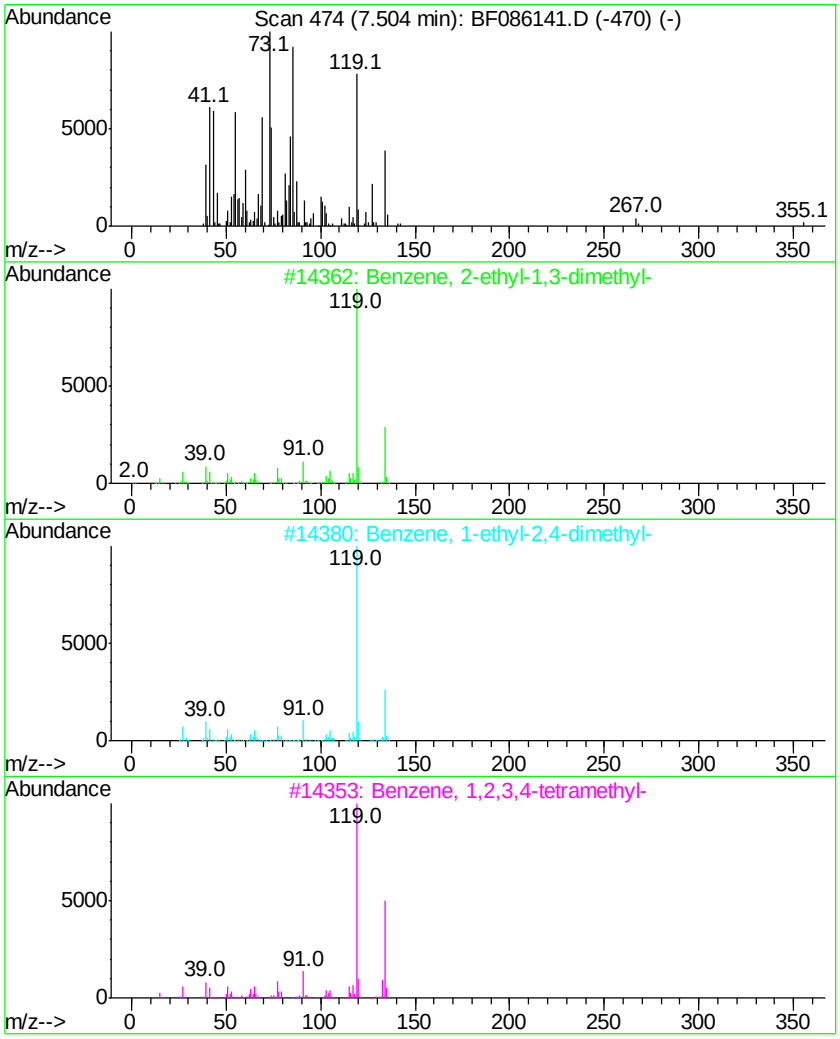
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

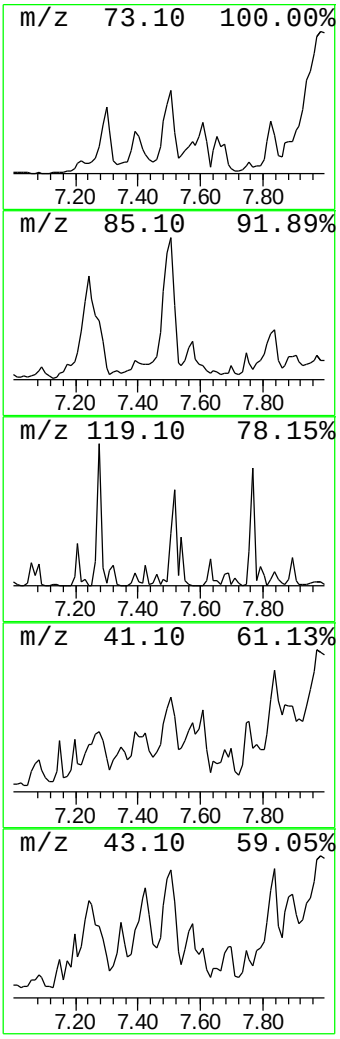
****

Peak Number 4 unknown7.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	16.05 ng	703201	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	35
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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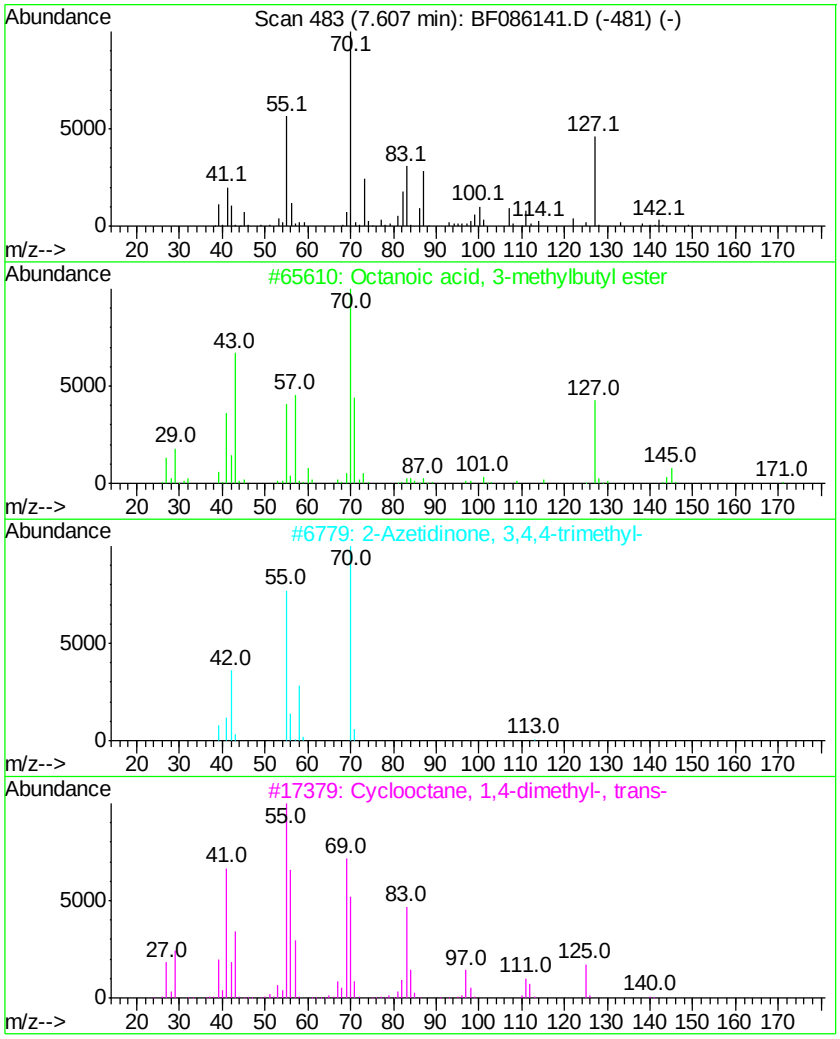
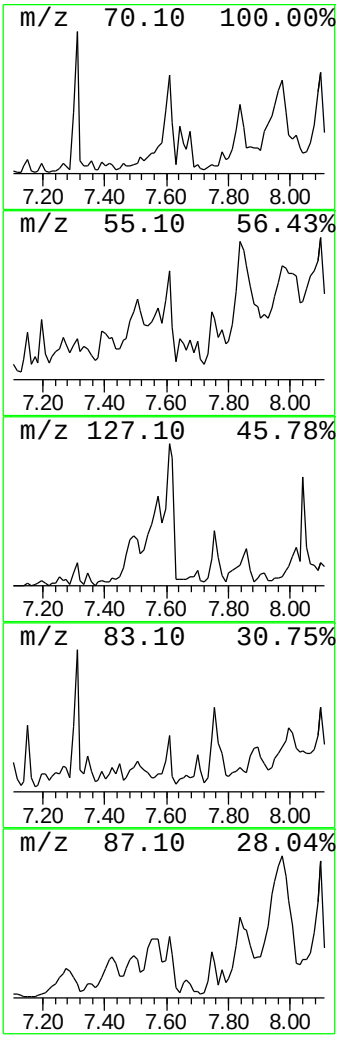
Peak Number 5 unknown7.61 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	13.58 ng	594833	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 3-methylbutyl ester	214	C13H26O2	002035-99-6	28
2	2-Azetidinone, 3,4,4-trimethyl-	113	C6H11NO	022607-01-8	10
3	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	9
4	Methyl vinyl ketone	70	C4H6O	000078-94-4	9
5	Butane, 2-isocyanato-	99	C5H9NO	015585-98-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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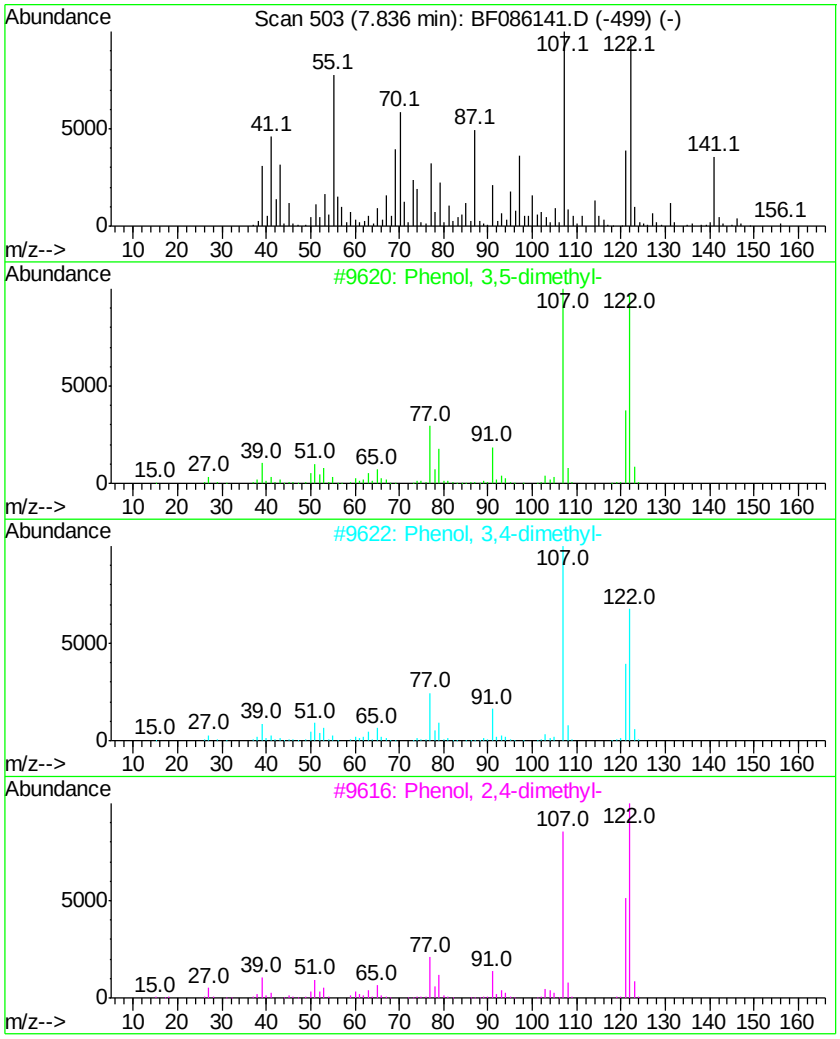
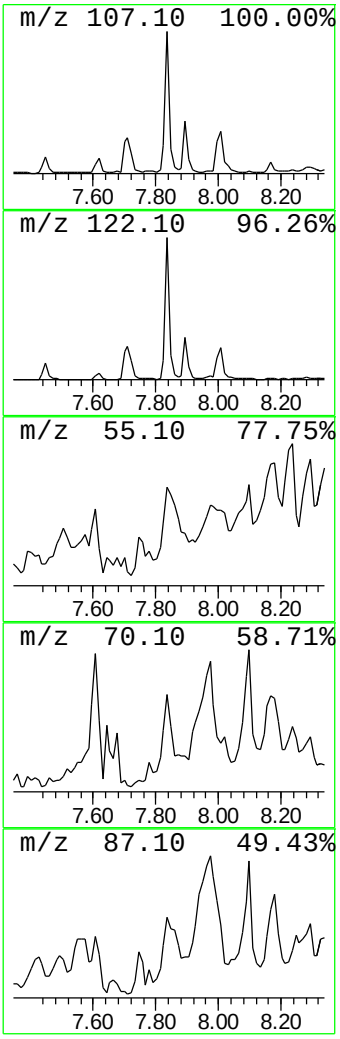
Peak Number 6 Phenol, 3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	24.74 ng	1083800	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	89
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	64
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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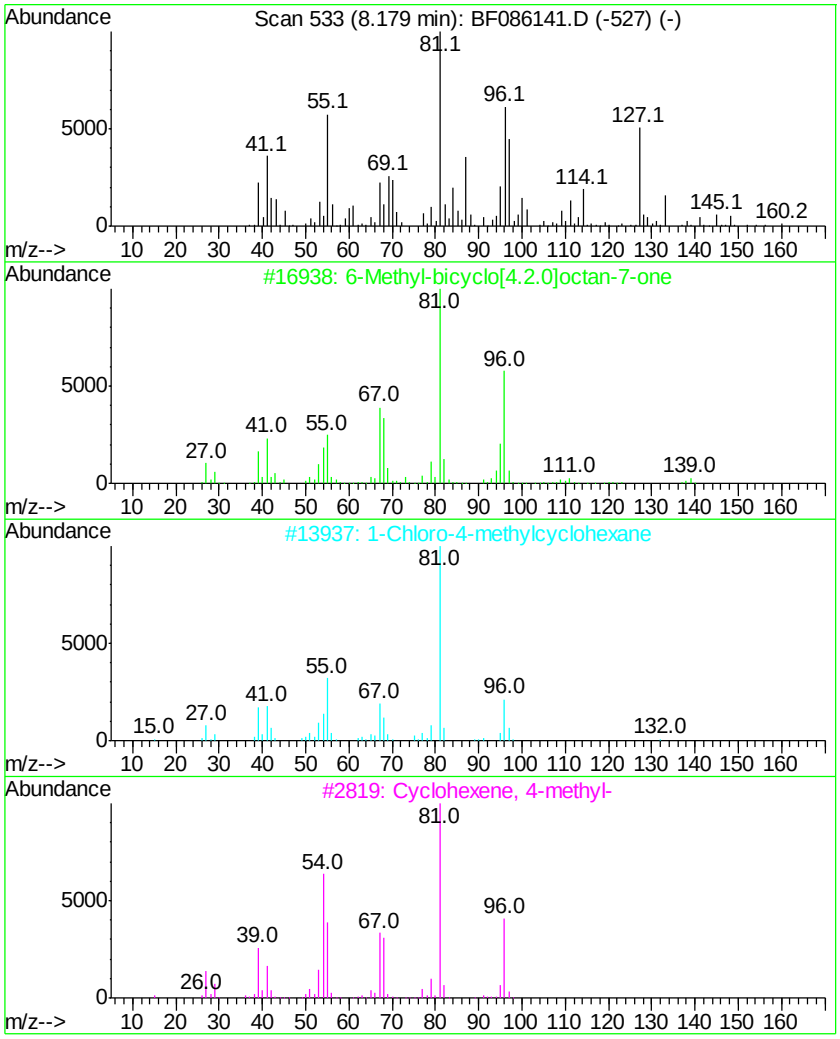
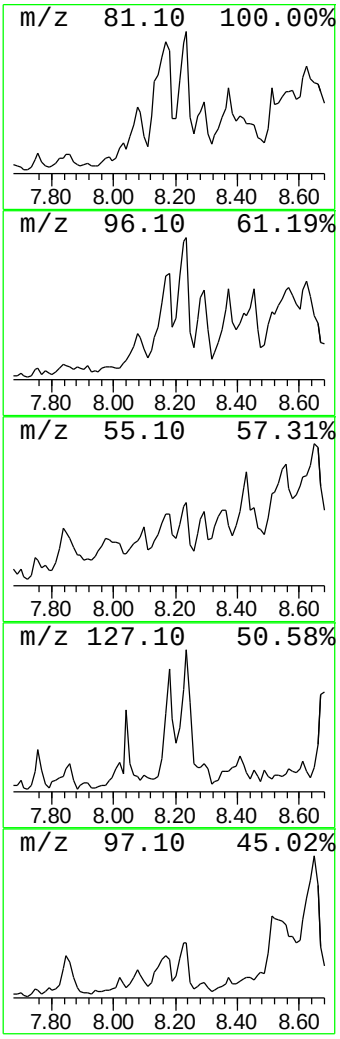
Peak Number 7 unknown8.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	32.28 ng	1413700	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	43
2	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	38
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	35
4	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	32
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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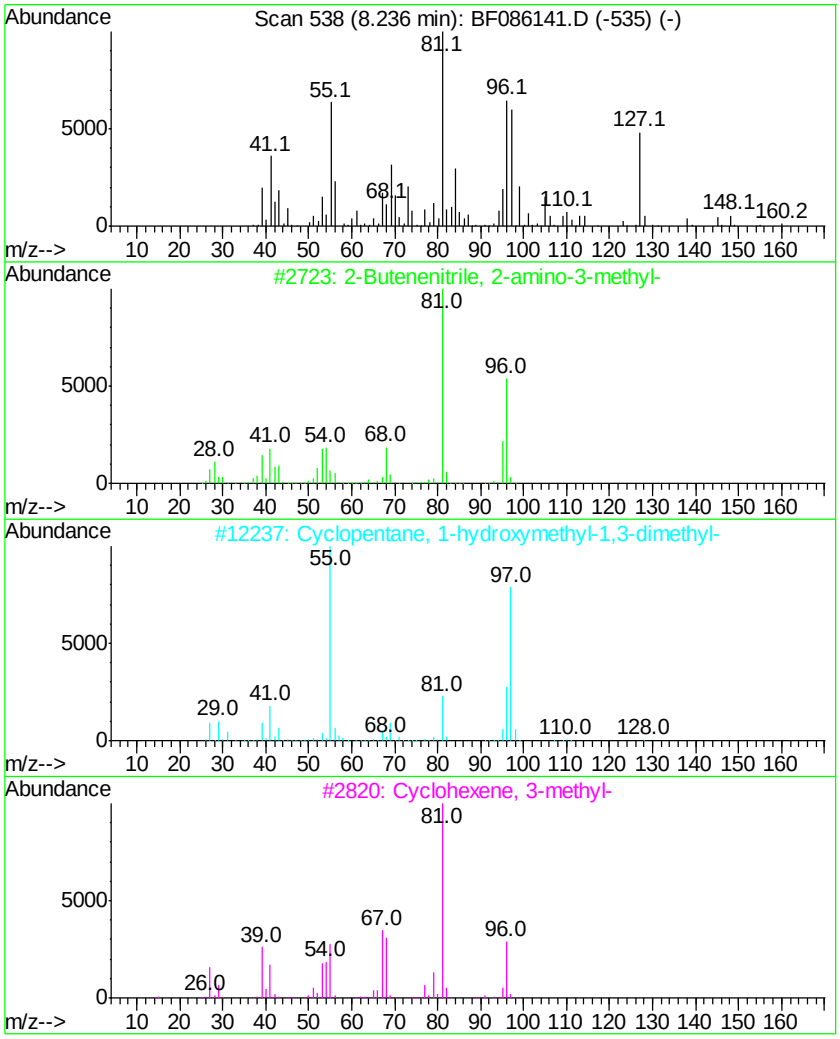
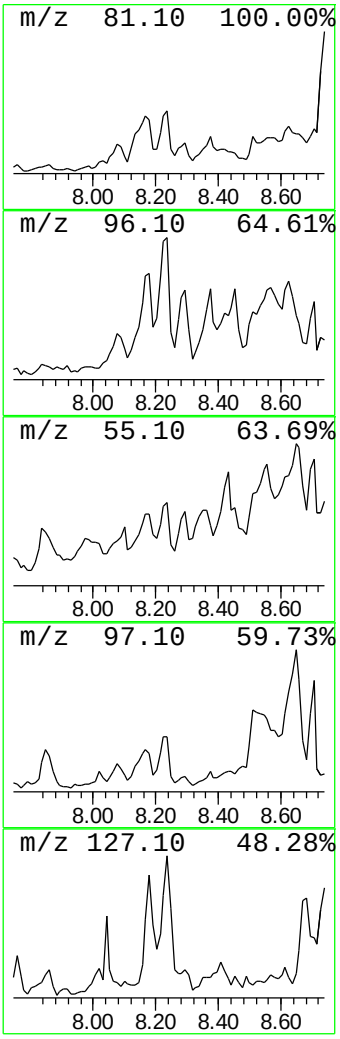
Peak Number 8 unknown8.24 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	20.76 ng	909221	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	38
2	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	38
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	35





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Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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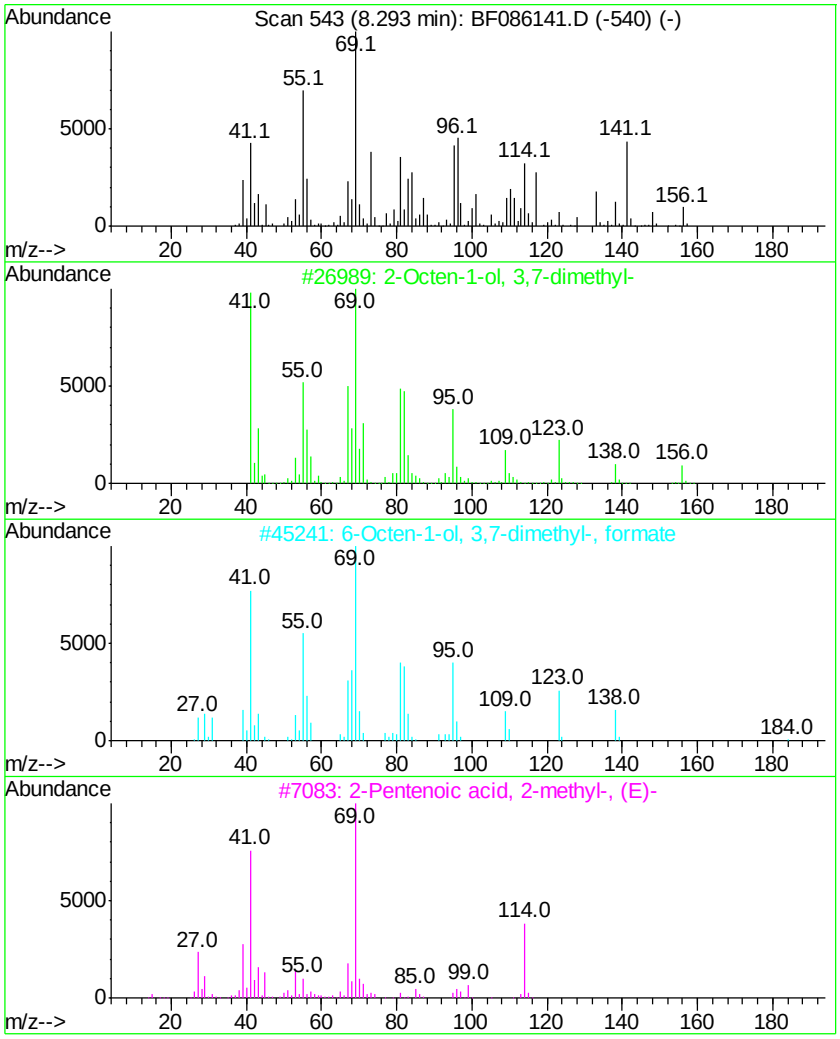
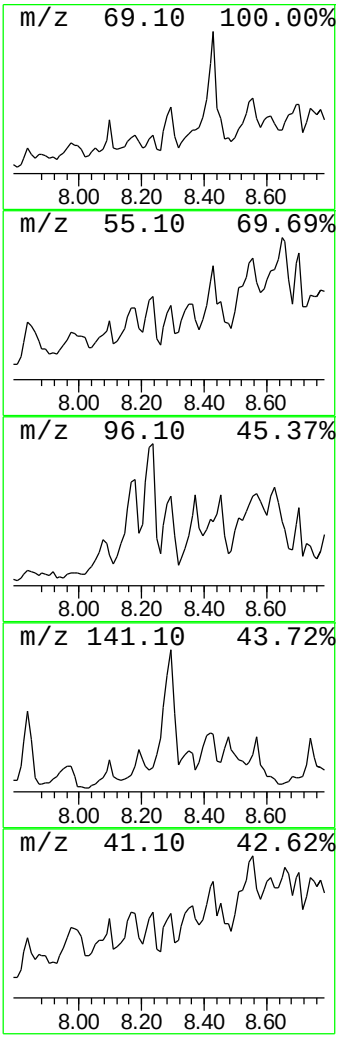
Peak Number 9 unknown8.29 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	28.76 ng	1259490	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	38
2	6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	35
3	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	25
4	2,6-Octadienal, 3,7-dimethyl-	152	C10H16O	005392-40-5	22
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	20





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Instrument : BNA_F
ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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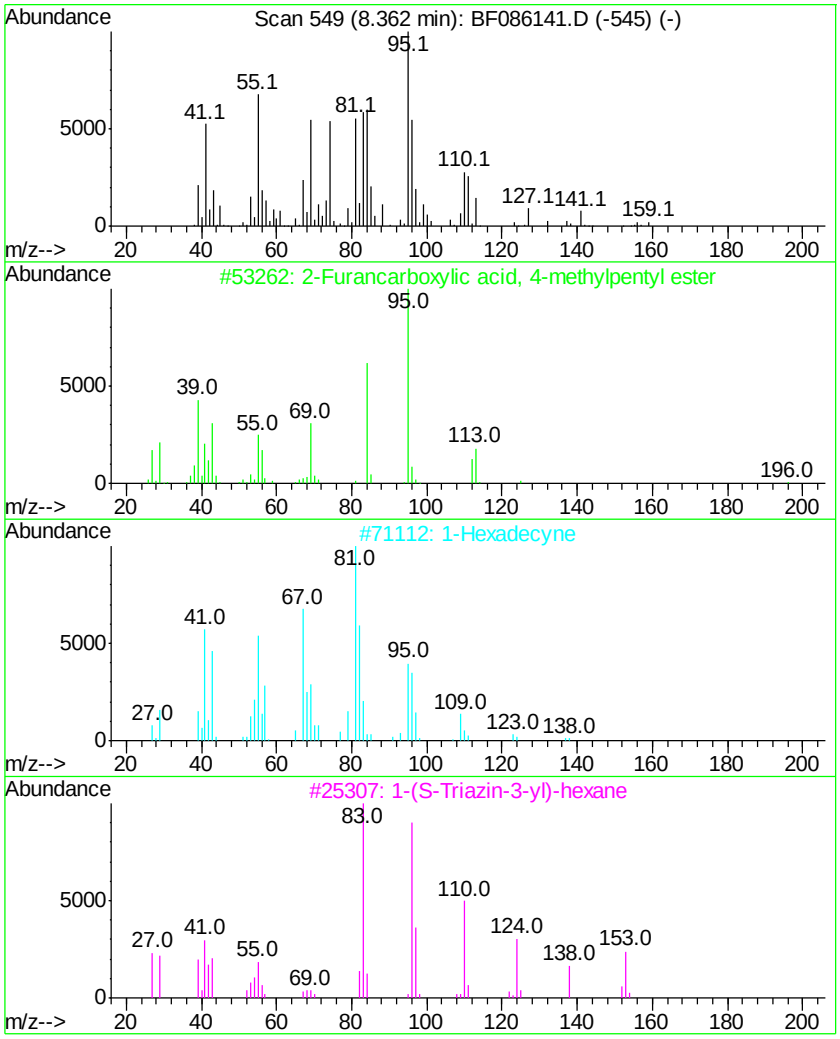
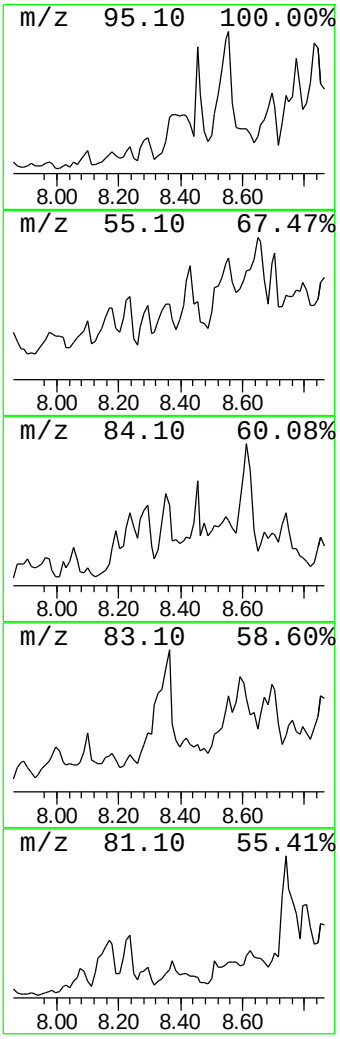
Peak Number 10 unknown8.36 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	27.50 ng	1204310	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, 4-methyl...	196	C11H16O3	1000278-85-8	27
2	1-Hexadecyne	222	C16H30	000629-74-3	22
3	1-(S-Triazin-3-yl)-hexane	153	C8H15N3	067646-18-8	22
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	14
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	14





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Instrument : BNA_F
ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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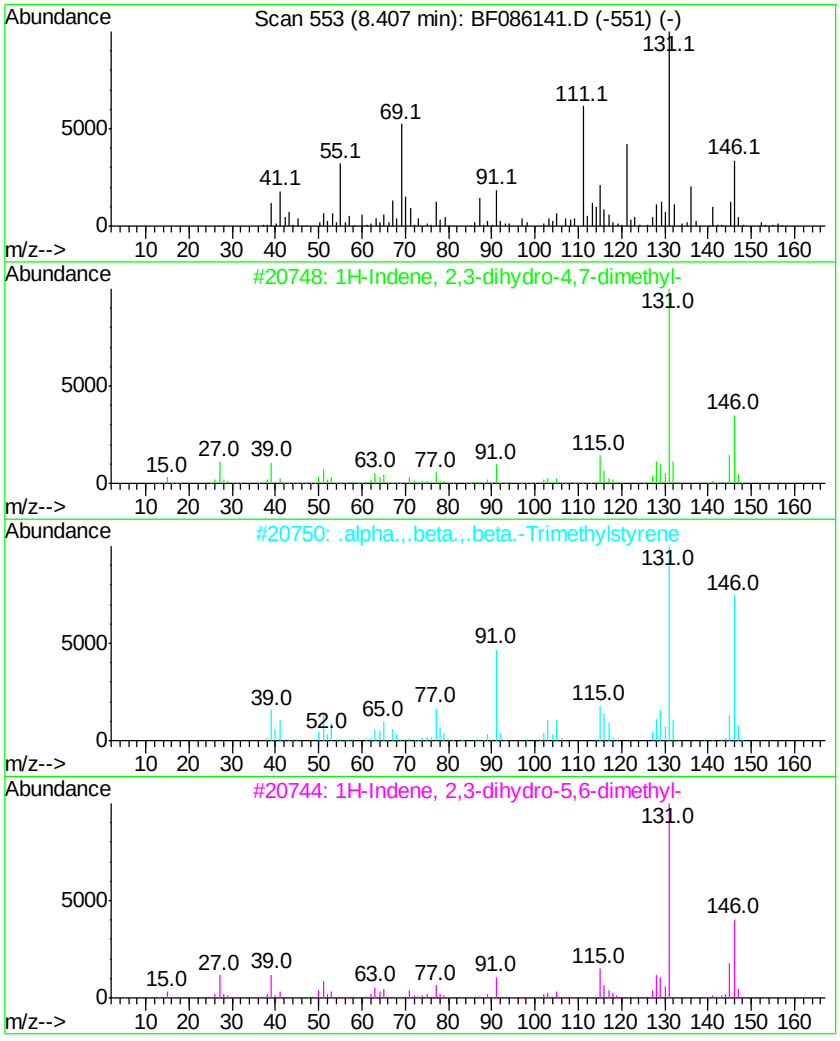
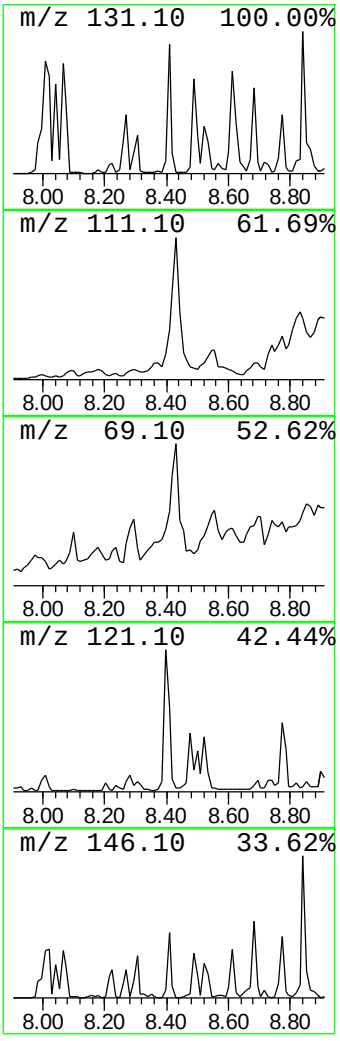
Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	32.65 ng	1429860	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	60
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60





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ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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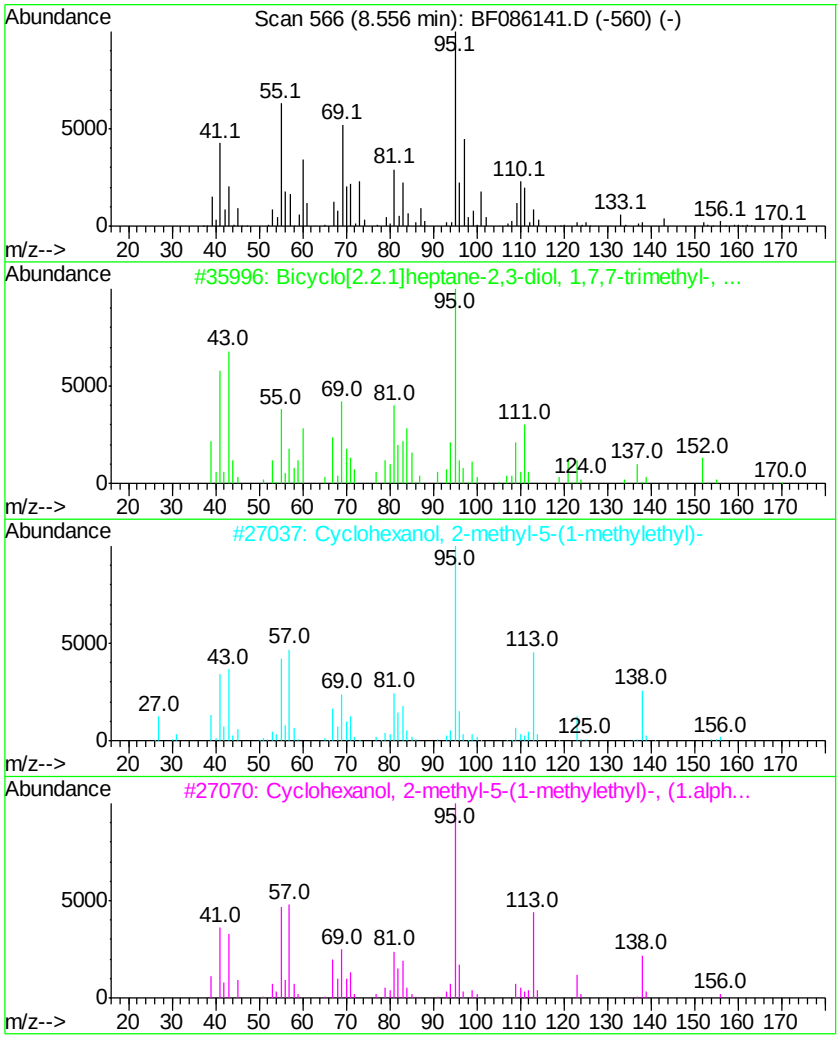
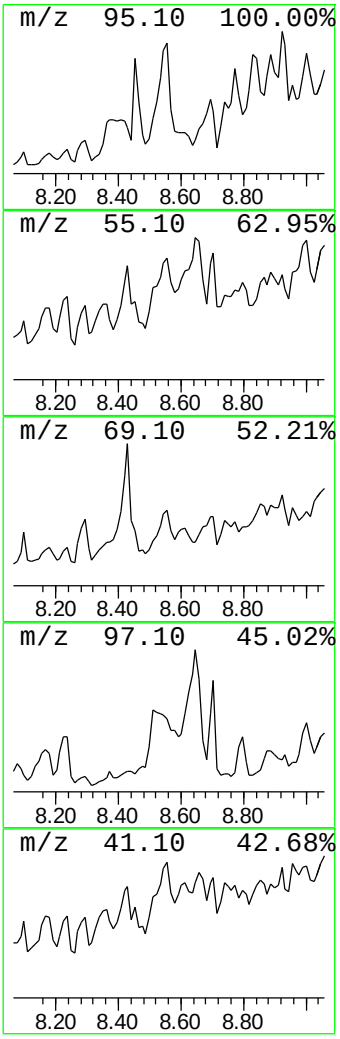
Peak Number 12 unknown8.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	54.77 ng	2398990	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane-2,3-diol, ...	170	C10H18O2	056614-57-4	38
2	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	060320-28-7	35
3	Cyclohexanol, 2-methyl-5-(1-meth...	156	C10H20O	000499-69-4	35
4	2(3H)-Furanone, 3-ethyldihydro-4...	208	C11H16N2O2	000092-13-7	35
5	1,3-Dimethyl-5-heptafluorobutyry...	324	C12H15F7O2	1000216-63-8	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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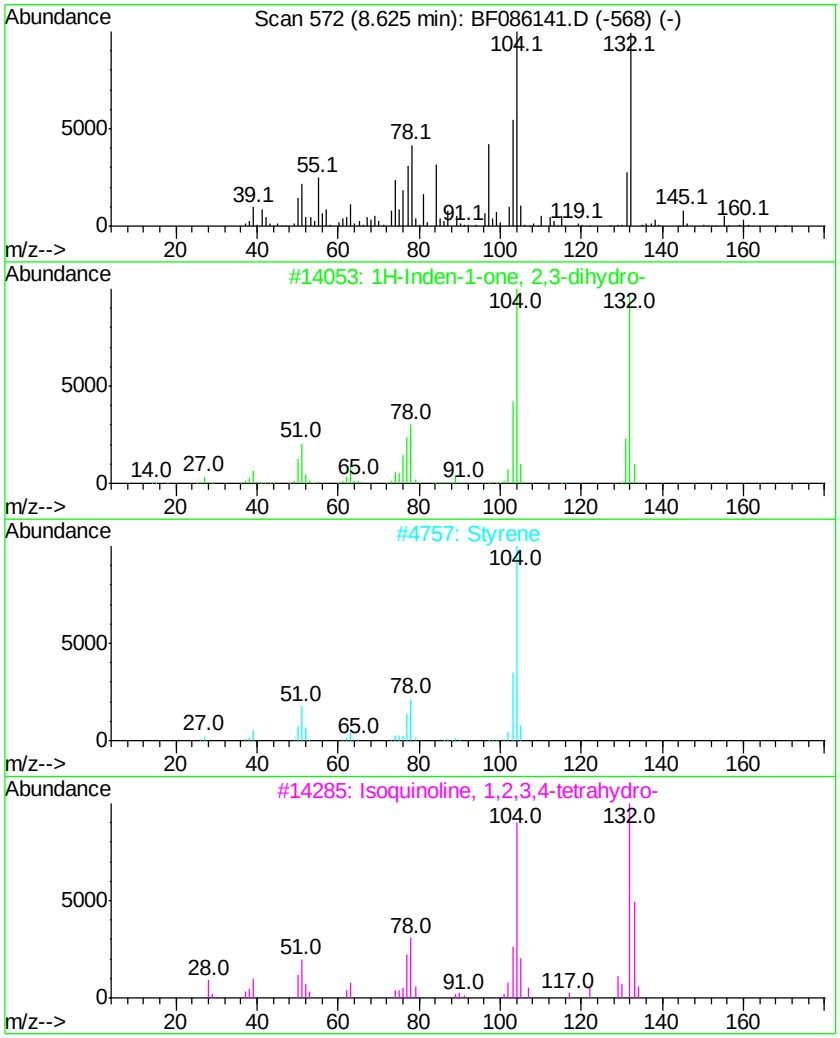
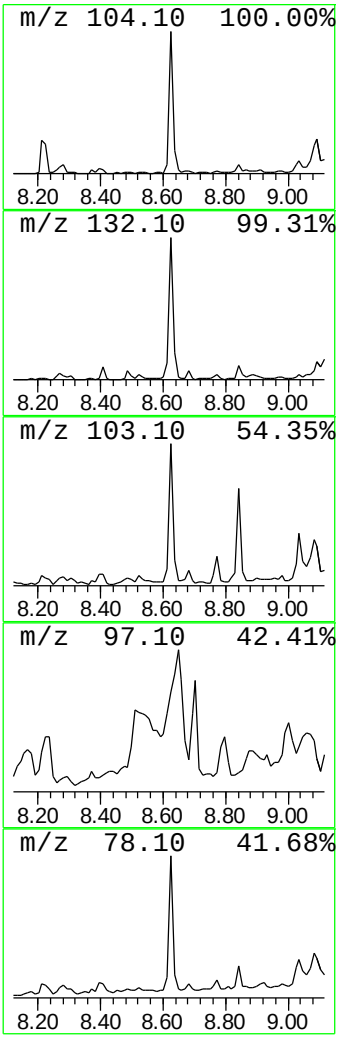
Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	29.82 ng	1306290	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Styrene	104	C8H8	000100-42-5	55
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	53
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	50
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	49





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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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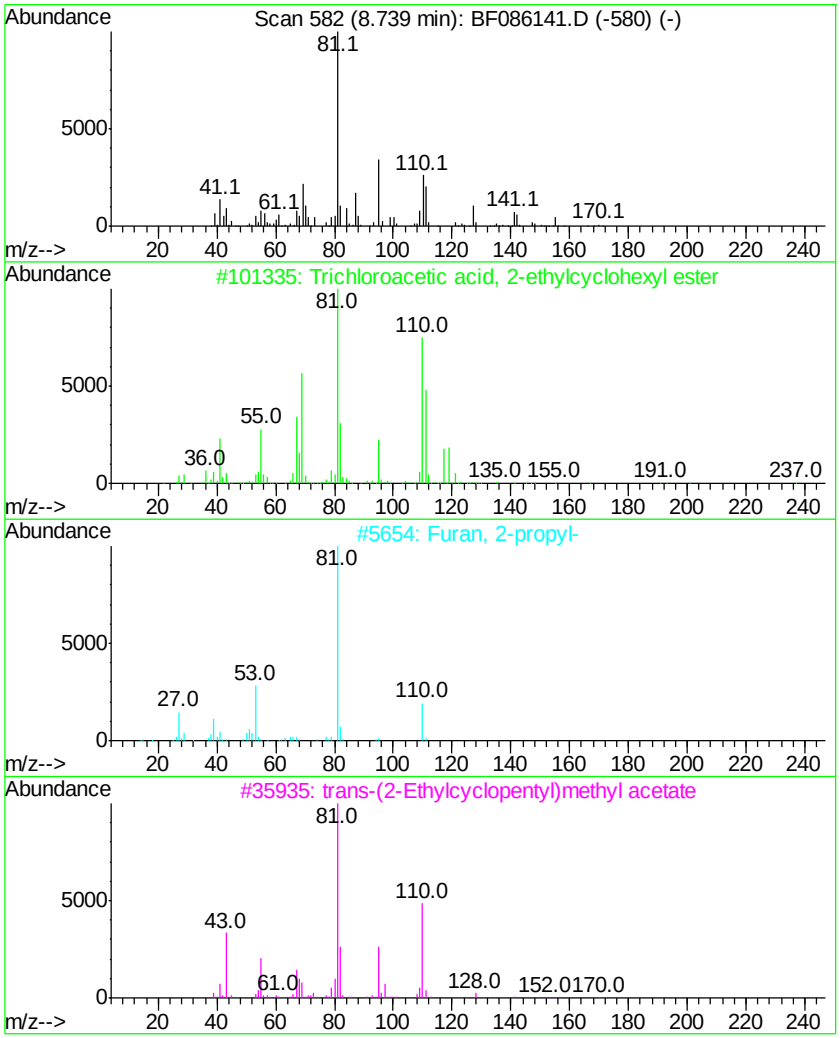
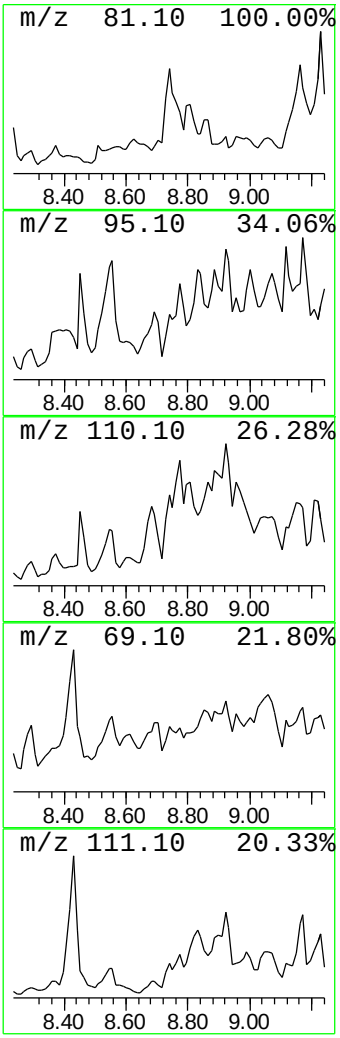
Peak Number 14 Trichloroacetic acid, 2-eth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	19.34 ng	846976	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 2-ethylcyc...	272	C10H15Cl3O2	1000282-57-3	50
2	Furan, 2-propyl-	110	C7H10O	004229-91-8	37
3	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	33
4	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	25
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	17





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Misc :
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Instrument : BNA_F
ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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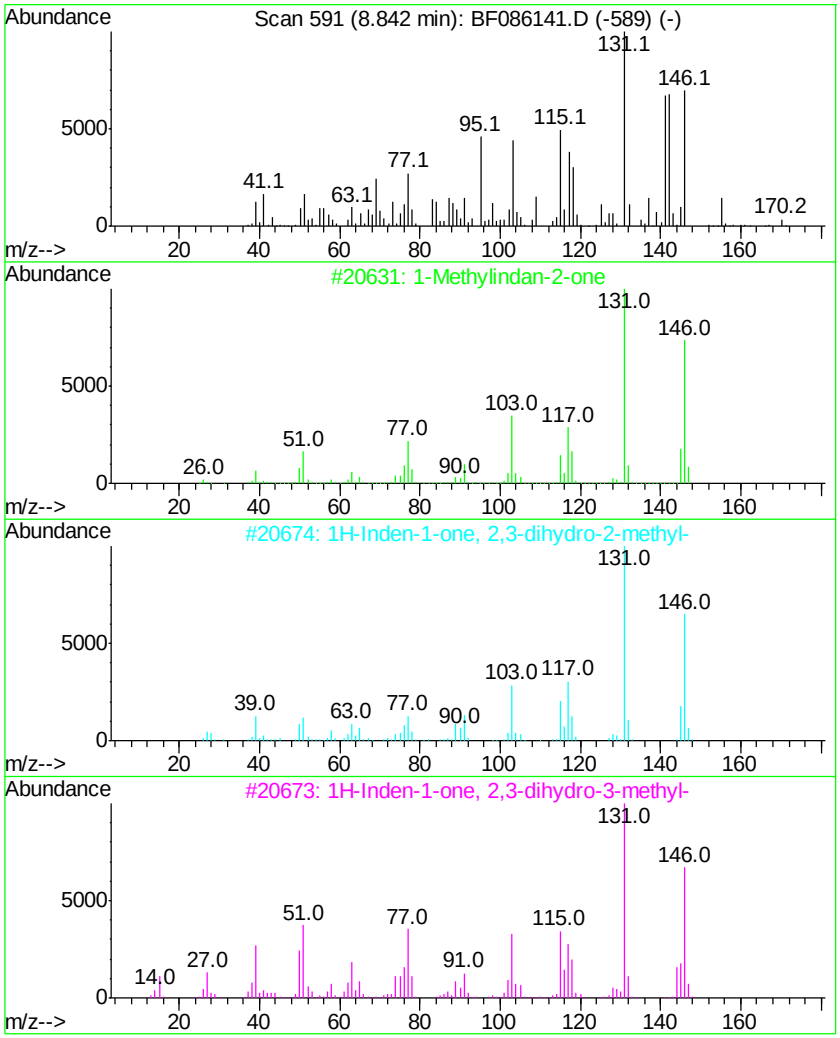
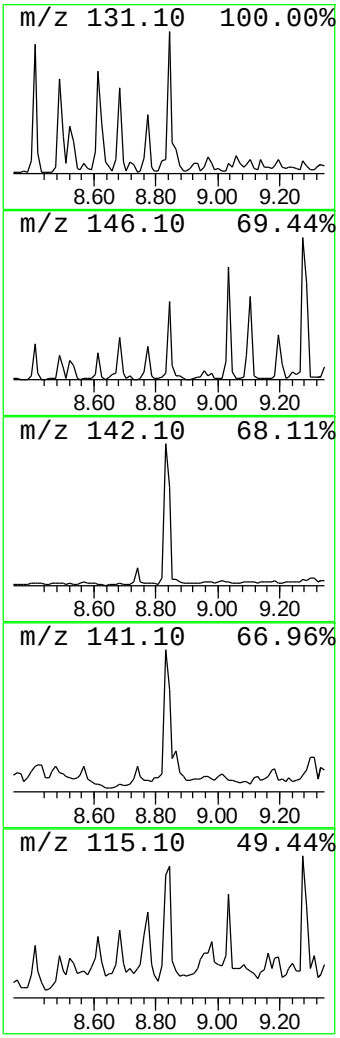
Peak Number 15 1-Methylindan-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	29.49 ng	1291840	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	55
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	45
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	45
4	Benzocycloheptene	146	C11H14	001075-16-7	22
5	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	22





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Instrument : BNA_F
ClientSampleId : RW-1-040116

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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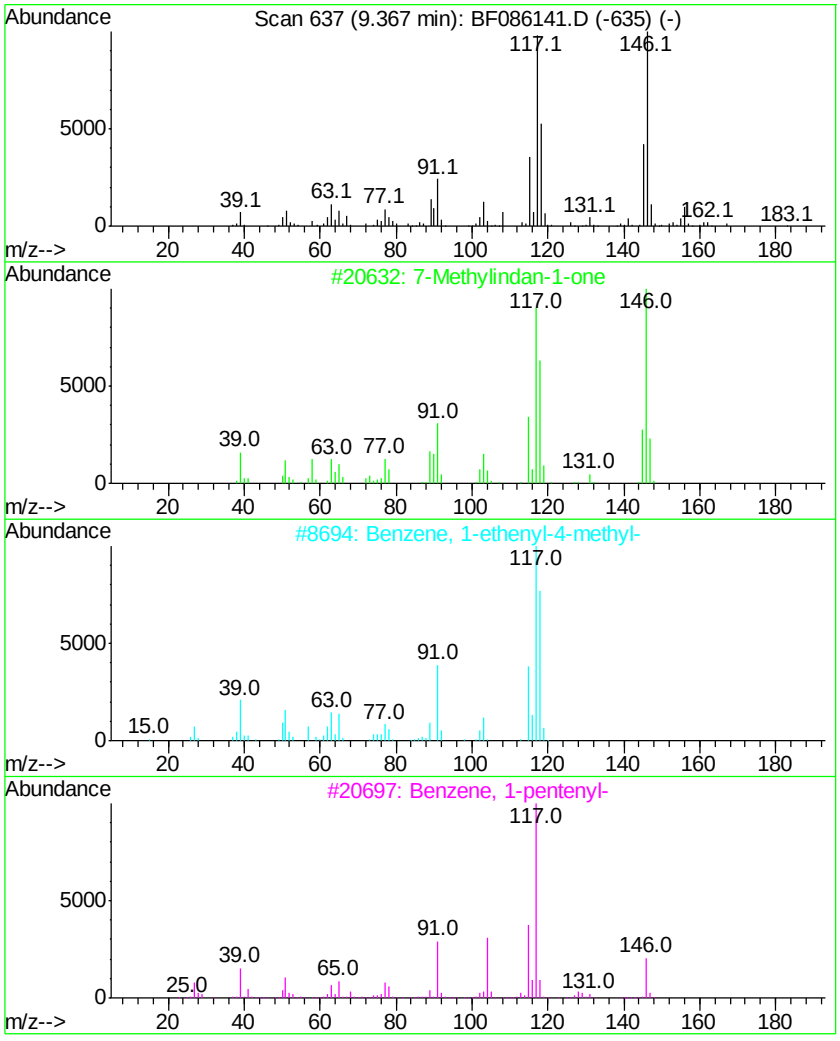
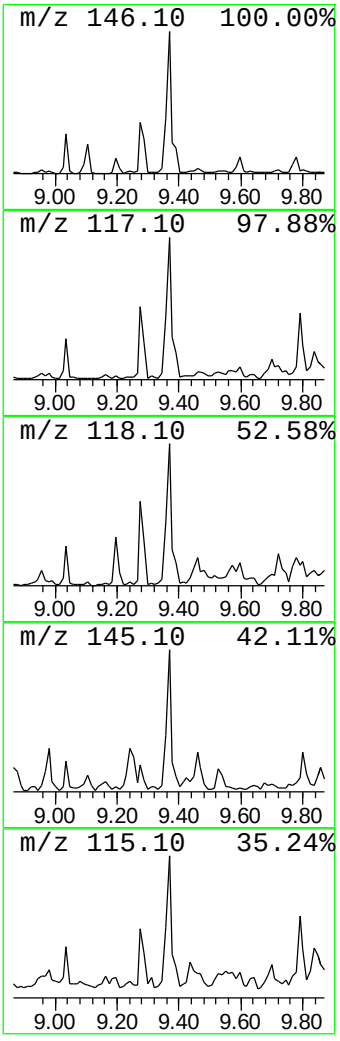
Peak Number 16 7-Methylindan-1-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	21.06 ng	2413940	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	68
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	52
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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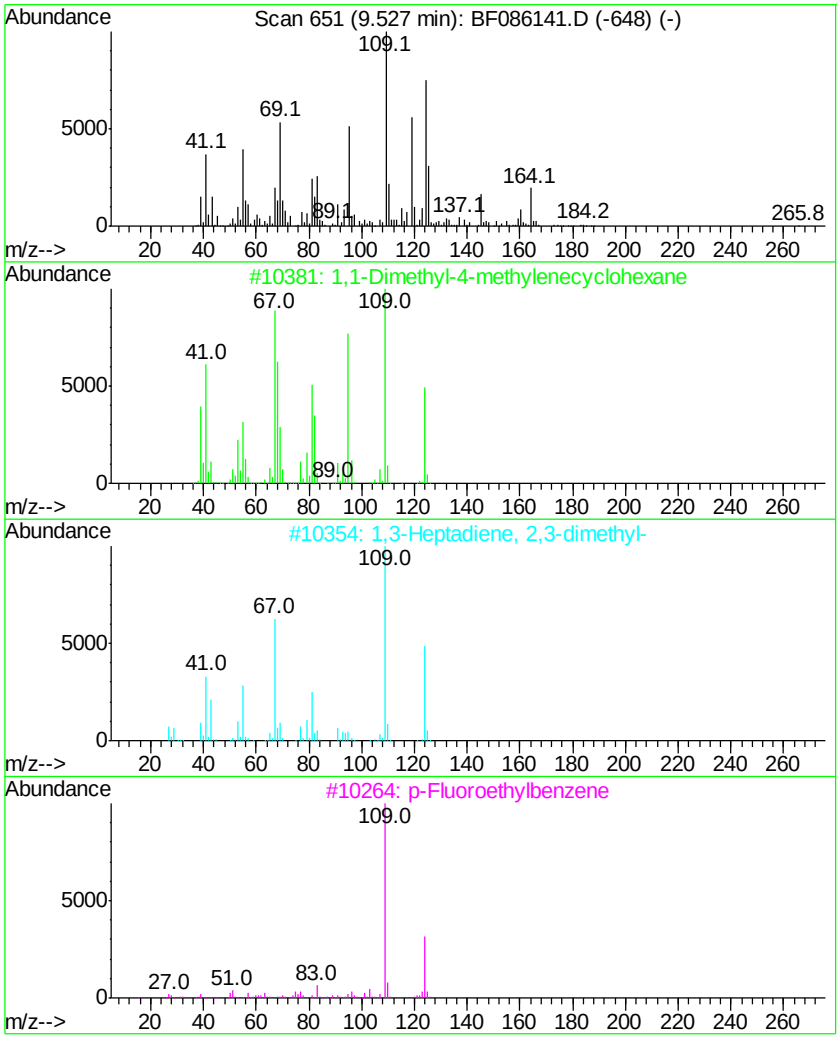
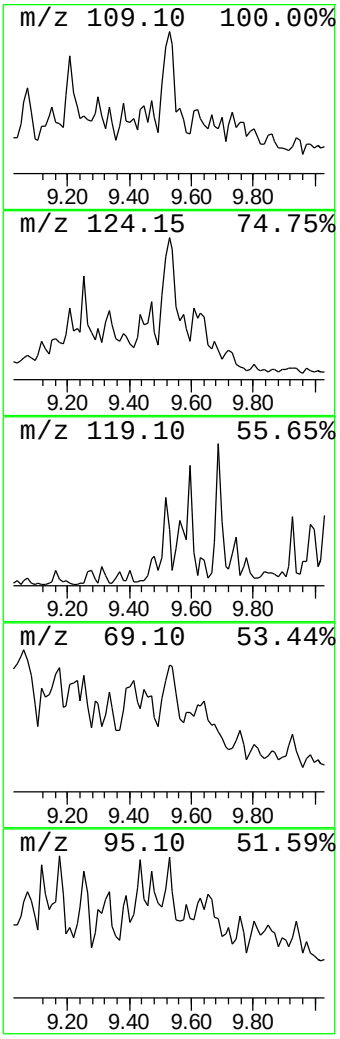
Peak Number 17 unknown9.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	28.52 ng	3269440	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	47
2	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	43
3	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	43
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	38
5	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	35





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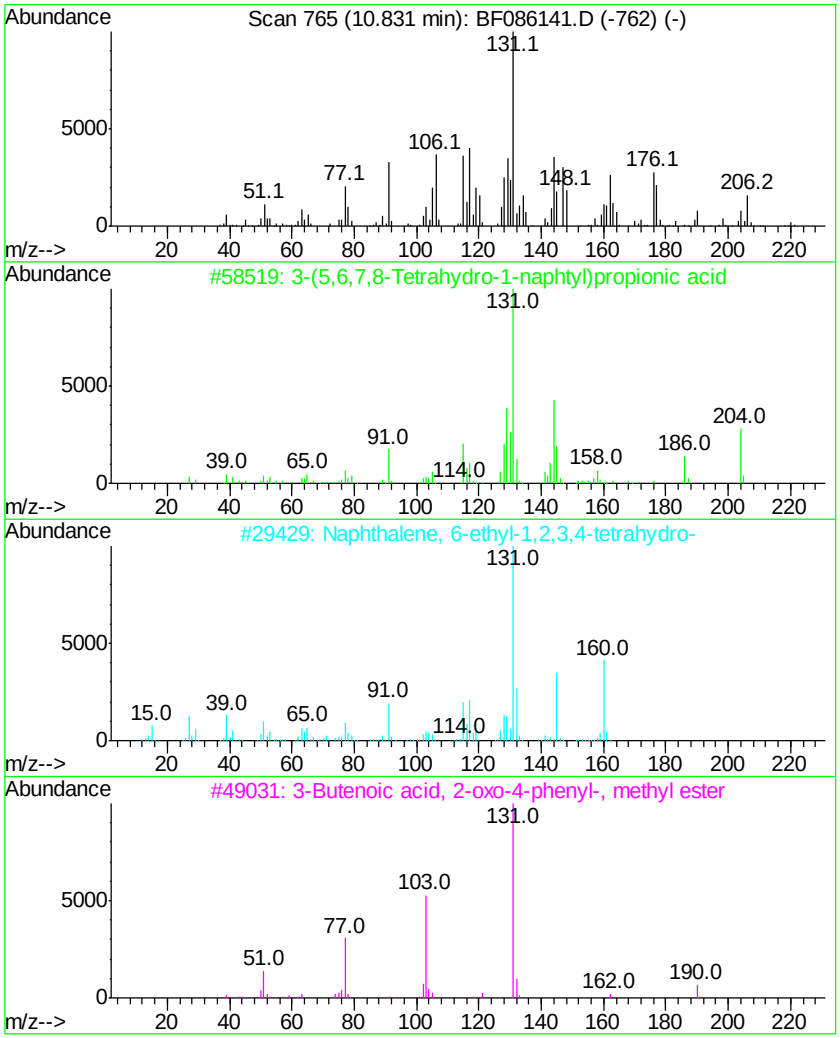
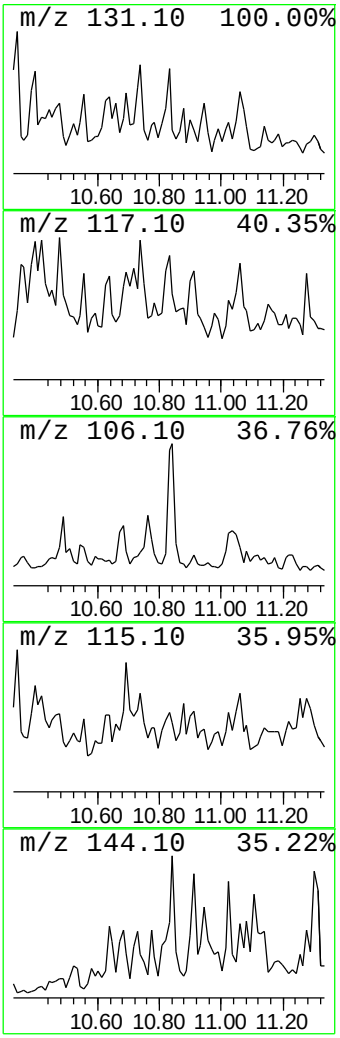
Peak Number 19 3-(5,6,7,8-Tetrahydro-1-nap... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	14.81 ng	1503930	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(5,6,7,8-Tetrahydro-1-naphtyl)...	204	C13H16O2	013052-96-5	55
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	45
3	3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	35
4	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	32
5	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	30





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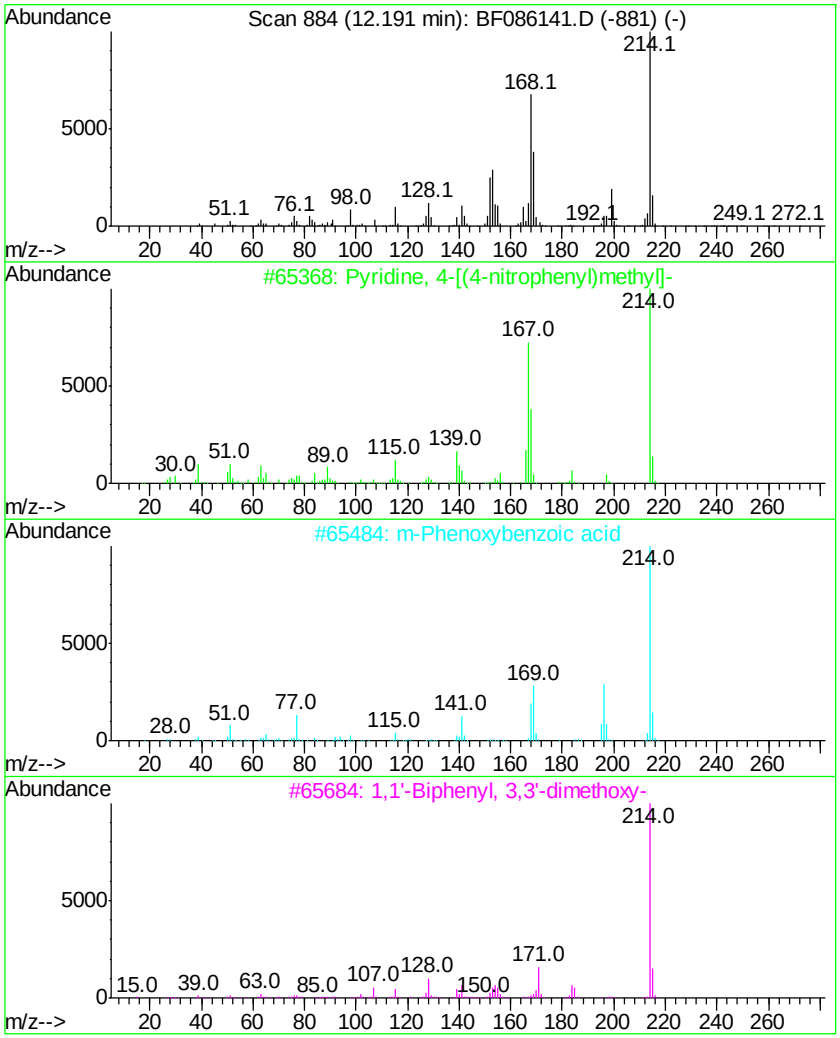
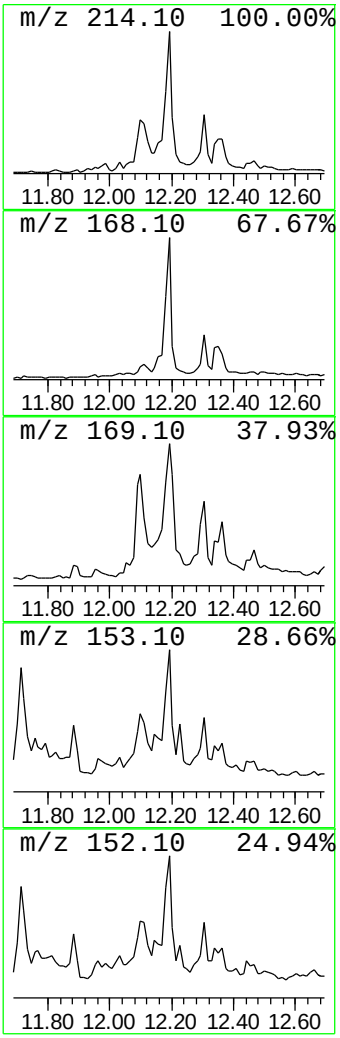
Peak Number 20 unknown12.19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	15.76 ng	1600800	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 4-[(4-nitrophenyl)meth...	214	C12H10N2O2	001083-48-3	47
2	m-Phenoxybenzoic acid	214	C13H10O3	003739-38-6	46
3	1,1'-Biphenyl, 3,3'-dimethoxy-	214	C14H14O2	006161-50-8	41
4	1,1'-Biphenyl, 3,4'-dimethoxy-	214	C14H14O2	084591-12-8	41
5	Pyridine, 3-methyl-4-(3-nitrophe...	214	C12H10N2O2	040035-70-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086141.D
Acq On : 7 Apr 2016 20:33
Operator : UM/SJ
Sample : H2230-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-1-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
unknown6.51	6.51	54.1	ng	2476600	1	6.74	914985	20.0
unknown7.50	7.50	16.1	ng	703201	2	8.02	876000	20.0
unknown7.61	7.61	13.6	ng	594833	2	8.02	876000	20.0
Phenol, 3,5-dimet...	7.84	24.7	ng	1083800	2	8.02	876000	20.0
unknown8.18	8.18	32.3	ng	1413700	2	8.02	876000	20.0
unknown8.24	8.24	20.8	ng	909221	2	8.02	876000	20.0
unknown8.29	8.29	28.8	ng	1259490	2	8.02	876000	20.0
unknown8.36	8.36	27.5	ng	1204310	2	8.02	876000	20.0
1H-Indene, 2,3-di...	8.41	32.6	ng	1429860	2	8.02	876000	20.0
unknown8.56	8.56	54.8	ng	2398990	2	8.02	876000	20.0
1H-Inden-1-one, 2...	8.62	29.8	ng	1306290	2	8.02	876000	20.0
Trichloroacetic a...	8.74	19.3	ng	846976	2	8.02	876000	20.0
1-Methylindan-2-one	8.84	29.5	ng	1291840	2	8.02	876000	20.0
7-Methylindan-1-one	9.37	21.1	ng	2413940	3	9.78	2292660	20.0
unknown9.53	9.53	28.5	ng	3269440	3	9.78	2292660	20.0
3-(5,6,7,8-Tetrah...	10.83	14.8	ng	1503930	4	11.26	2031620	20.0
unknown12.19	12.19	15.8	ng	1600800	4	11.26	2031620	20.0