LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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-BF050916.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	1.735	12	13	45	rVB	3123222	5887433	84.45%	4.964%
2	3.896	197	202	206	rBV	150503	251087	3.60%	0.212%
3	4.741	274	276	279	rBV2	127592	190264	2.73%	0.160%
4	5.199	314	316	325	rBV	1801249	2244053	32.19%	1.892%
5	5.347	328	329	334	rBV3	85295	183312	2.63%	0.155%
6	5.427	334	336	337	rBV	59311	76822	1.10%	0.065%
7	5.462	337	339	347	rVB2	186859	311849	4.47%	0.263%
8	5.587	347	350	352	rBV2	36195	83207	1.19%	0.070%
9	5.633	352	354	358	rVB	128462	149405	2.14%	0.126%
10	5.804	367	369	377	rBV4	41695	164522	2.36%	0.139%
11	5.919	377	379	383	rVB3	101069	141498	2.03%	0.119%
12	6.010	384	387	389	rBV	129576	179221	2.57%	0.151%
13	6.056	389	391	393	rVB	122421	149971	2.15%	0.126%
14	6.102	393	395	400	rVB2	103157	172078	2.47%	0.145%
15	6.296	409	412	417	rBV	703042	1425589	20.45%	1.202%
16	6.387	417	420	425	rVB	3595294	3997728	57.34%	3.370%
17	6.502	427	430	432	rVB2	159998	226985	3.26%	0.191%
18	6.536	432	433	435	rBV	215963	267752	3.84%	0.226%
19	6.604	437	439	443	rVB2	823849	1257596	18.04%	1.060%
20	6.696	443	447	450	rVB2	203358	460991	6.61%	0.389%
21	6.764	450	453	457	rBV2	3268654	4416795	63.35%	3.724%
22	6.833	457	459	460	rVB	79569	98786	1.42%	0.083%
23	6.867	460	462	464	rVB	367571	311437	4.47%	0.263%
24	6.959	467	470	474	rBV3	465045	771258	11.06%	0.650%
25	7.027	474	476	479	rVB	101311	100121	1.44%	0.084%
26	7.085	479	481	483	rVB2	158322	177672	2.55%	0.150%
27	7.187	483	490	496	rBV2	3169400	6971885	100.00%	5.878%
28	7.267	496	497	499	rBV	451667	448150	6.43%	0.378%
29	7.302	499	500	501	rVB	327540	224692	3.22%	0.189%
30	7.347	501	504	505	rBV	583624	724009	10.38%	0.610%
31	7.393	507	508	510	rVB2	909479	662100	9.50%	0.558%
32	7.439	510	512	513	rVB2	114685	118131	1.69%	0.100%
33	7.473	513	515	516	rVB	73327	80265	1.15%	0.068%
34	7.519	516	519	521	rBV4	252814	413224	5.93%	0.348%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.565	521	523	526	rBV3	544623	1090648	15.64%	0.920%
36	7.645	526	530	534	rBV	2484593	3721290	53.38%	3.137%
37	7.736	534	538	540	rBV4	950467	1871190	26.84%	1.578%
38	7.793	540	543	545	rVB3	407394	585800	8.40%	0.494%
39	7.839	545	547	550	rBV2	453808	546764	7.84%	0.461%
40	7.907	550	553	560	rBV3	1879681	5721709	82.07%	4.824%
41	8.102	565	570	572	rVB6	712603	1895417	27.19%	1.598%
42	8.147	572	574	575	rBV	874286	965649	13.85%	0.814%
43	8.182	575	577	582	rVB6	384875	1209332	17.35%	1.020%
44	8.273	582	585	588	rBV4	592568	1731207	24.83%	1.460%
45	8.387	590	595	599	rBV5	1158988	3813994	54.71%	3.215%
46	8.479	601	603	604	rVB2	609045	512046	7.34%	0.432%
47	8.559	604	610	612	rBV5	820574	2188182	31.39%	1.845%
48	8.605	612	614	615	rVB2	1616268	1381361	19.81%	1.165%
49	8.628	615	616	619	rBV3	283758	400075	5.74%	0.337%
50	8.685	619	621	622	rBV2	1396278	1812012	25.99%	1.528%
51	8.719	622	624	626	rVB2	1392056	1800436	25.82%	1.518%
52	8.799	629	631	632	rVB	782214	905734	12.99%	0.764%
53	8.856	632	636	639	rBV5	881157	2514075	36.06%	2.120%
54	8.936	640	643	645	rVV3	1183243	2253721	32.33%	1.900%
55	8.982	645	647	651	rVB	3468184	5280463	75.74%	4.452%
56	9.130	657	660	662	rBV4	377100	917610	13.16%	0.774%
57	9.176	662	664	666	rVB3	434592	643482	9.23%	0.543%
58	9.233	667	669	674	rVB3	636465	1242362	17.82%	1.047%
59	9.313	674	676	677	rBV2	790599	1159559	16.63%	0.978%
60	9.416	683	685	690	rVB4	621984	1431570	20.53%	1.207%
61	9.599	700	701	704	rBV3	438369	878834	12.61%	0.741%
62	9.656	704	706	707	rVV2	1173557	1635965	23.47%	1.379%
63	9.736	710	713	716	rBV4	654817	1581737	22.69%	1.334%
64	9.999	735	736	738	rBV2	524144	685959	9.84%	0.578%
65	10.068	738	742	743	rVV	2434155	4683860	67.18%	3.949%
66	10.091	743	744	748	rVV4	925732	1722572	24.71%	1.452%
67	10.171	748	751	754	rVB2	1555104	2493268	35.76%	2.102%
68	10.296	760	762	763	rBV	948987	1184942	17.00%	0.999%
69	10.331	763	765	770	rVB3	649074	1539671	22.08%	1.298%
70	10.445	772	775	778	rVV3	1959577	2942851	42.21%	2.481%
71	10.525	781	782	786	rBV2	919496	1553372	22.28%	1.310%

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Instrument : BNA_F
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.685	793	796	799	rBV4	653164	1618818	23.22%	1.365%
73	10.891	813	814	819	rVB5	460133	810389	11.62%	0.683%
74	11.005	822	824	829	rVB3	827105	1426336	20.46%	1.203%
75	11.131	831	835	837	rVV2	1522717	1933789	27.74%	1.630%
76	11.199	839	841	843	rBV3	219152	286080	4.10%	0.241%
77	11.428	859	861	863	rVB2	267712	342331	4.91%	0.289%
78	11.554	870	872	875	rBV	580802	596841	8.56%	0.503%
79	11.691	882	884	888	rVB	350624	437371	6.27%	0.369%
80	11.759	888	890	893	rVV	184321	231106	3.31%	0.195%
81	11.816	893	895	901	rVV2	198645	316004	4.53%	0.266%
82	11.908	901	903	909	rVV	628215	1033253	14.82%	0.871%
83	12.045	913	915	921	rVB2	163501	268390	3.85%	0.226%
84	12.456	949	951	953	rBV	114525	145701	2.09%	0.123%
85	12.502	953	955	957	rVV	181038	207670	2.98%	0.175%
86	12.548	957	959	962	rVB	100167	111156	1.59%	0.094%
87	12.719	971	974	976	rBV	3447459	4522382	64.87%	3.813%
88	13.497	1040	1042	1045	rVB	136509	143951	2.06%	0.121%
89	13.611	1050	1052	1055	rBV	275295	308947	4.43%	0.260%
90	13.748	1062	1064	1067	rBV	946024	958910	13.75%	0.808%
91	14.822	1156	1158	1166	rVB	70367	175635	2.52%	0.148%
92	15.108	1180	1183	1190	rVB	744092	899400	12.90%	0.758%

Sum of corrected areas: 118613067

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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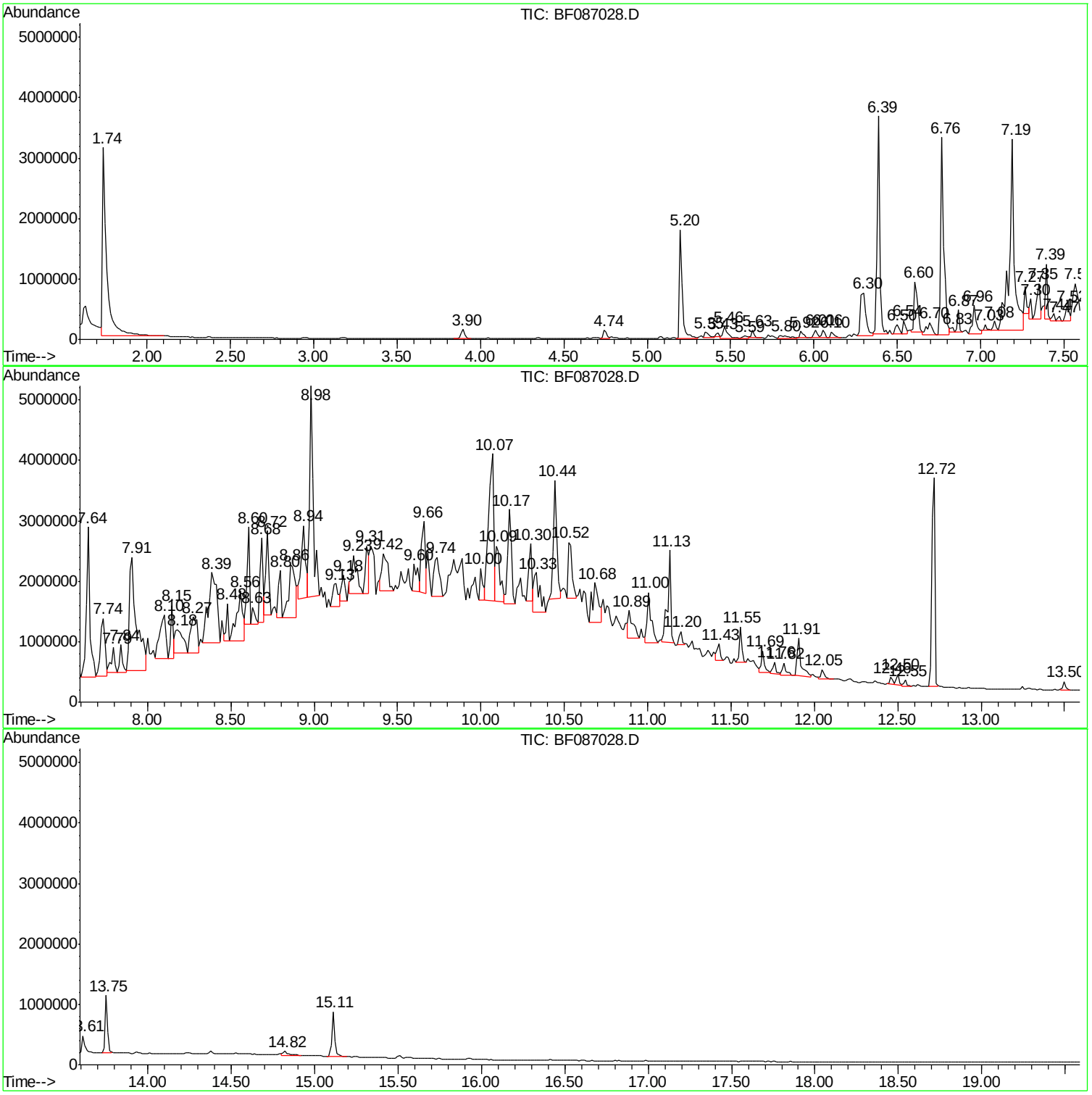
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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\BF051416\
Data File : BF087028.D
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Instrument : BNA_F
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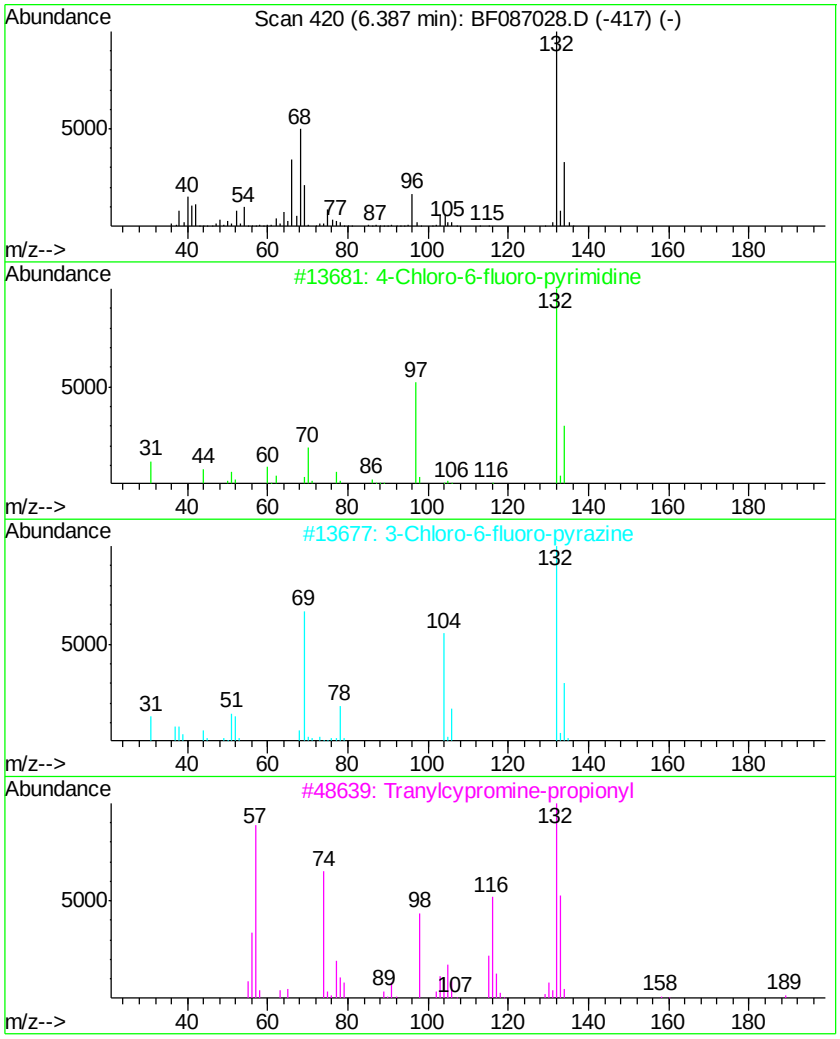
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

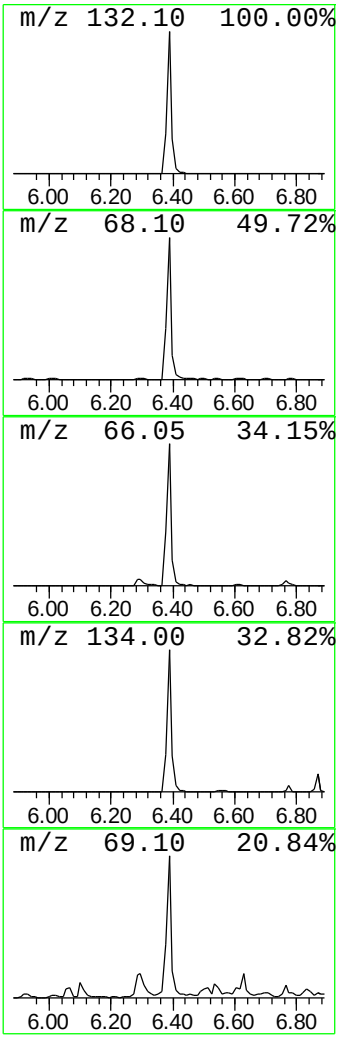
****

Peak Number 2 unknown6.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	63.58 ng	3997730	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	16





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

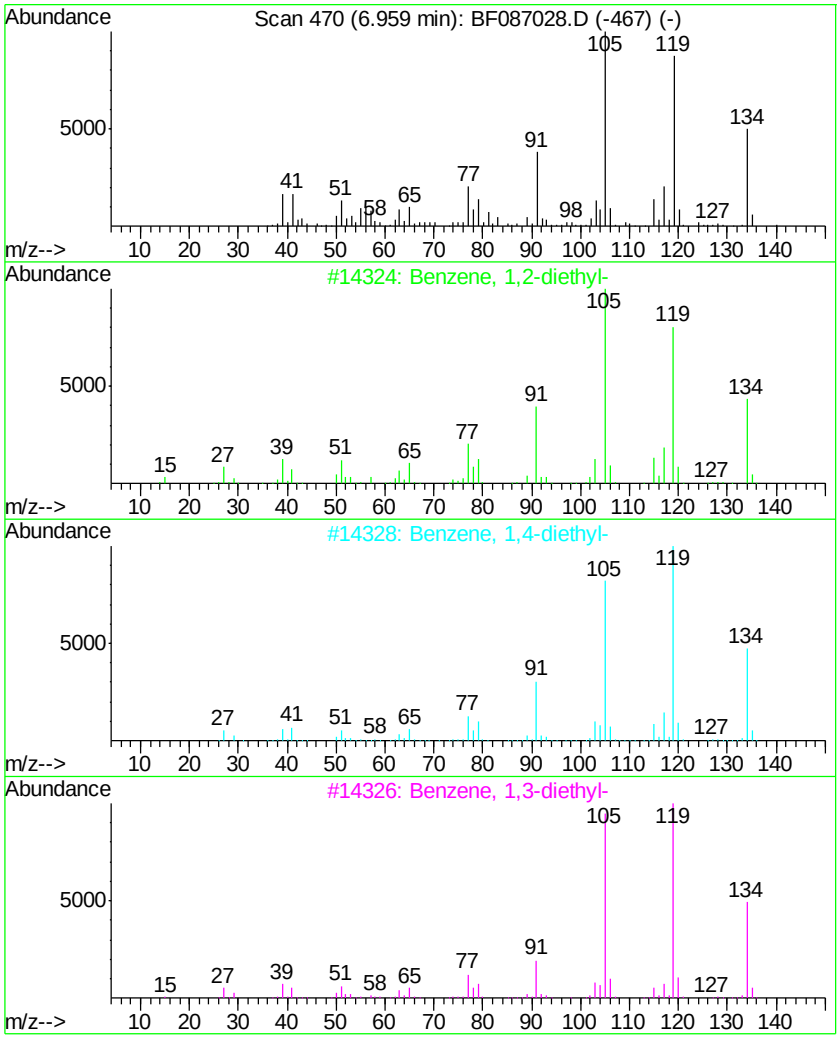
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

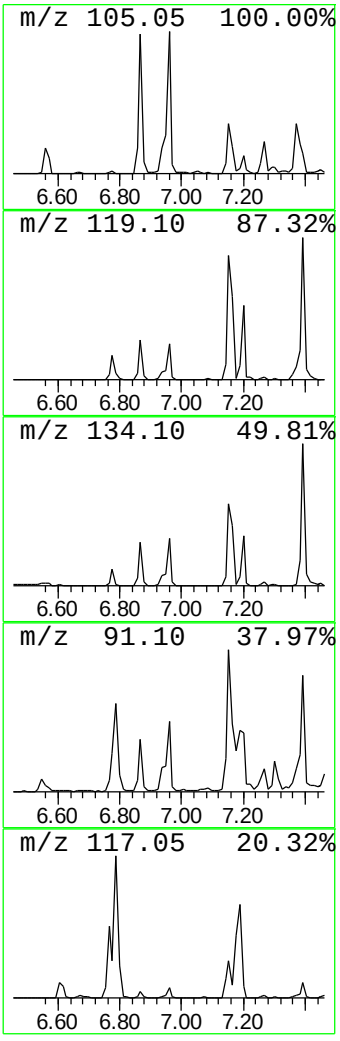
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	12.27 ng	771258	1,4-Dichlorobenzene-d4	6.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

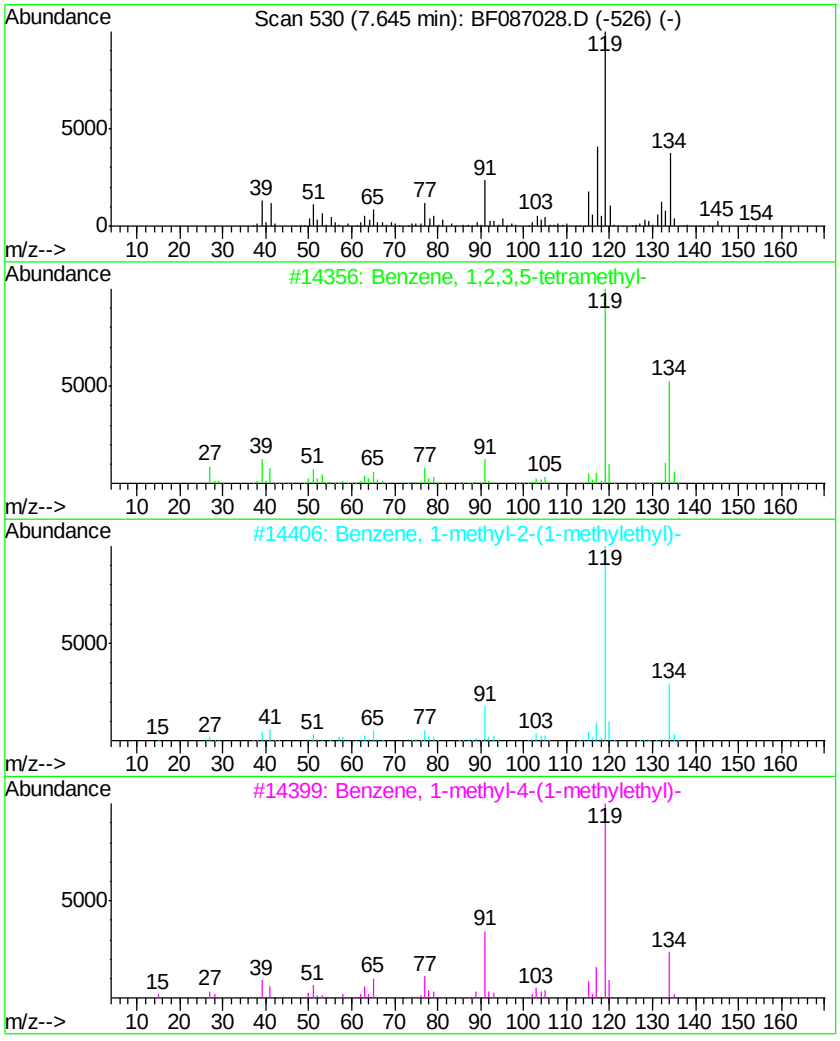
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

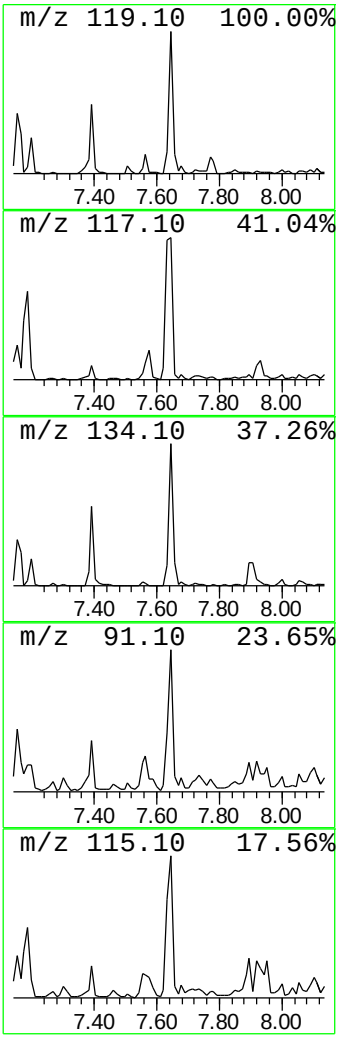
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	13.01 ng	3721290	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
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Sample : H2947-05
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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

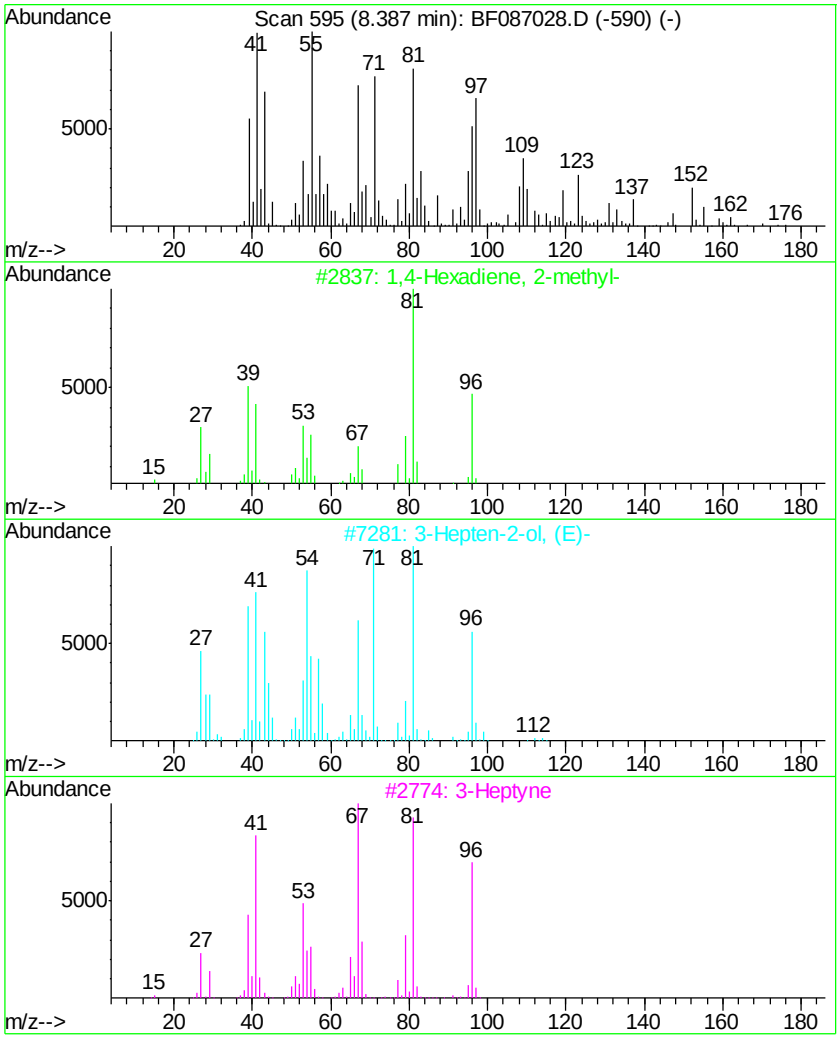
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

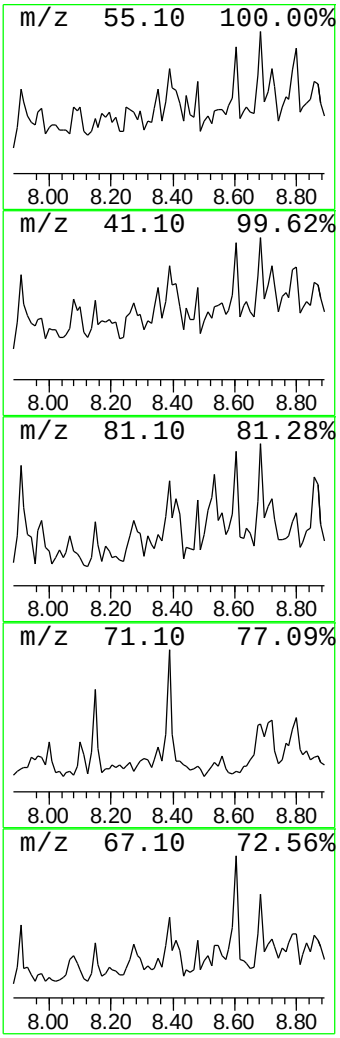
****

Peak Number 6 1,4-Hexadiene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	13.33 ng	3813990	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	70
2	3-Hepten-2-ol, (E)-	114	C7H14O	067077-39-8	58
3	3-Heptyne	96	C7H12	002586-89-2	52
4	2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	46
5	3,4-Heptadiene	96	C7H12	002454-31-1	46





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Data File : BF087028.D
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Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

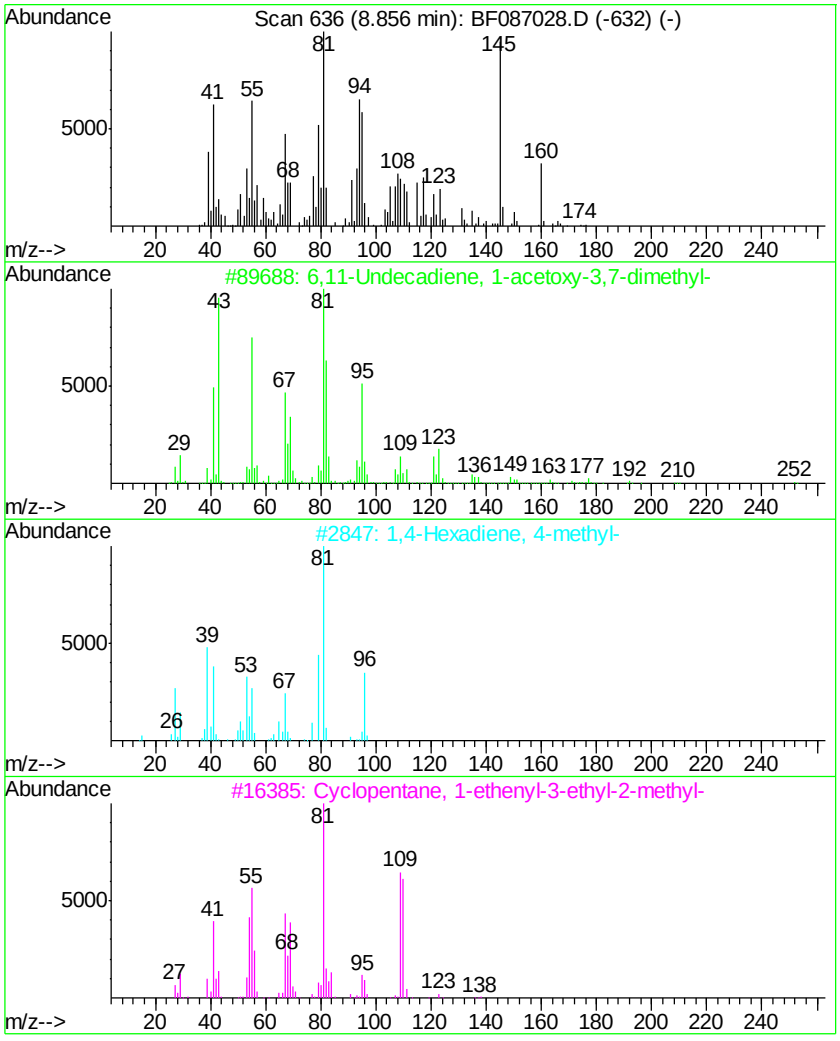
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

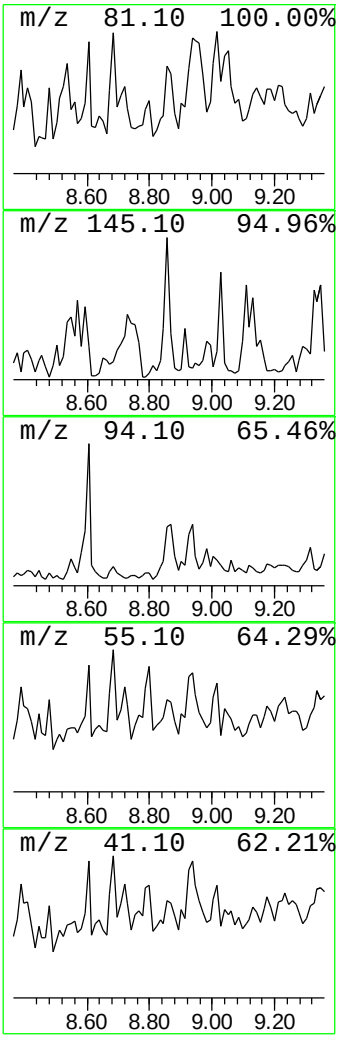
****

Peak Number 7 unknown8.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	30.74 ng	2514080	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,11-Undecadiene, 1-acetoxy-3,7-...	252	C16H28O2	1000150-66-0	38
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	25
3	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	22
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	20
5	2-Cyclopentene-1-acetaldehyde, 2...	166	C10H14O2	075332-42-2	20





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Acq On : 14 May 2016 19:09
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

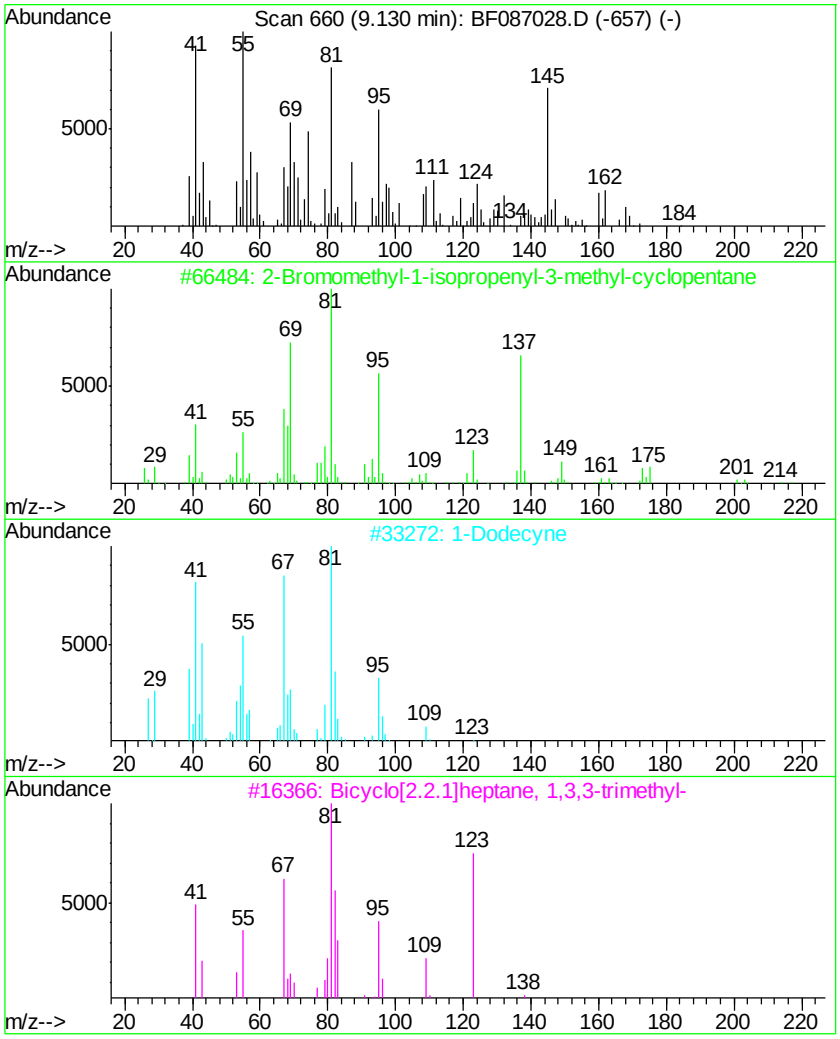
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

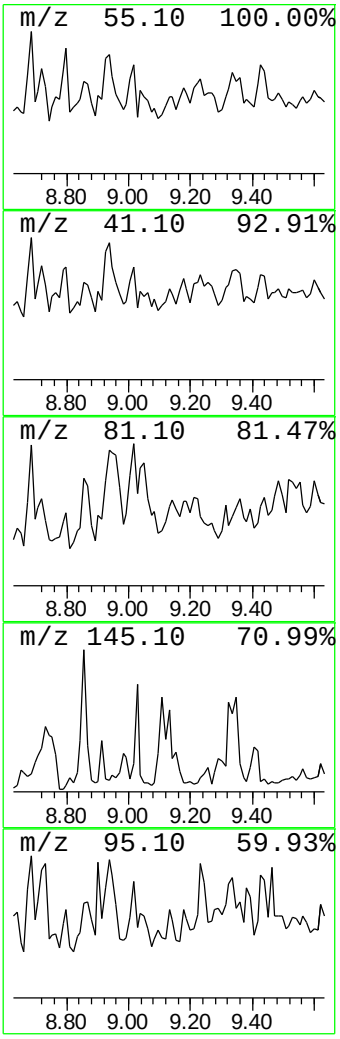
****

Peak Number 8 unknown9.13 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	11.22 ng	917610	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromomethyl-1-isopropenyl-3-me...	216	C10H17Br	1000187-07-8	27
2	1-Dodecyne	166	C12H22	000765-03-7	25
3	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	22
4	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	22
5	3-Cyclohexene-1-acetic acid, .al...	168	C9H12O3	077846-83-4	14





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Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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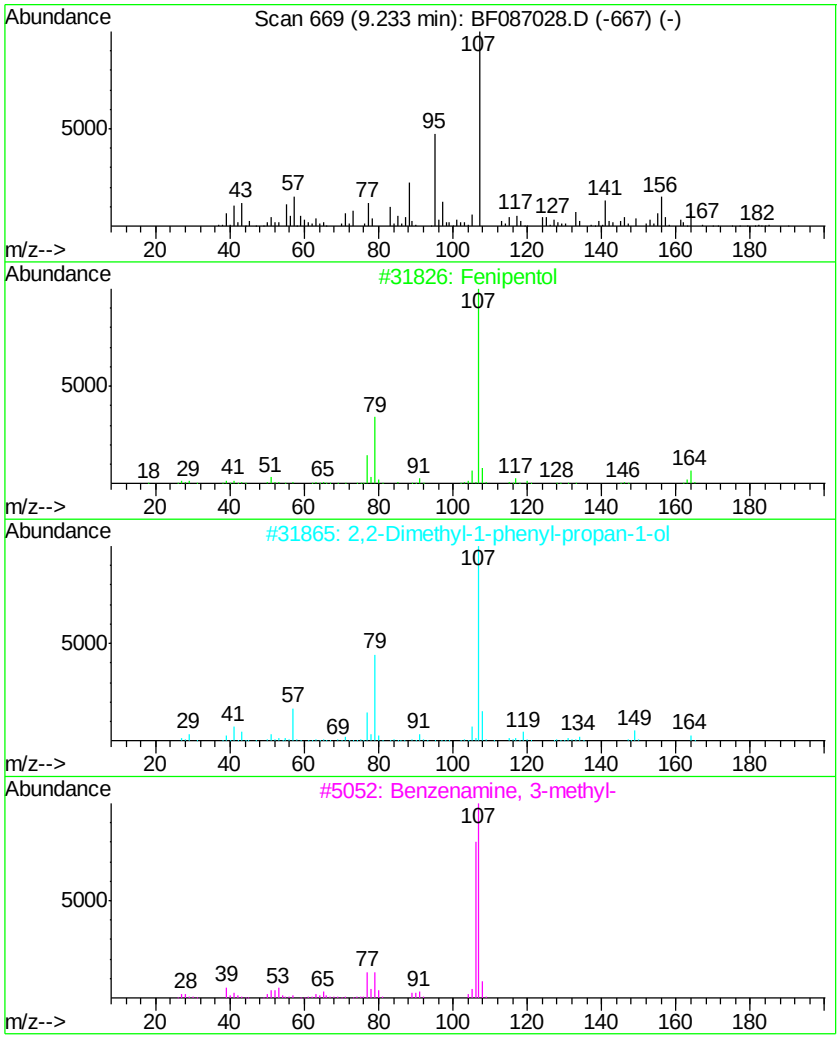
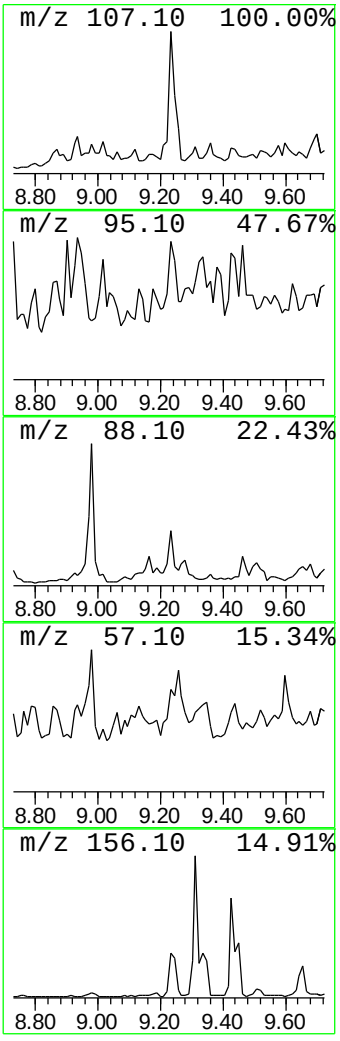
Peak Number 9 unknown9.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	15.19 ng	1242360	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenipentol	164	C11H16O	000583-03-9	35
2	2,2-Dimethyl-1-phenyl-propan-1-ol	164	C11H16O	052086-52-9	35
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	27
4	o-Toluidine	107	C7H9N	000095-53-4	27
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	27





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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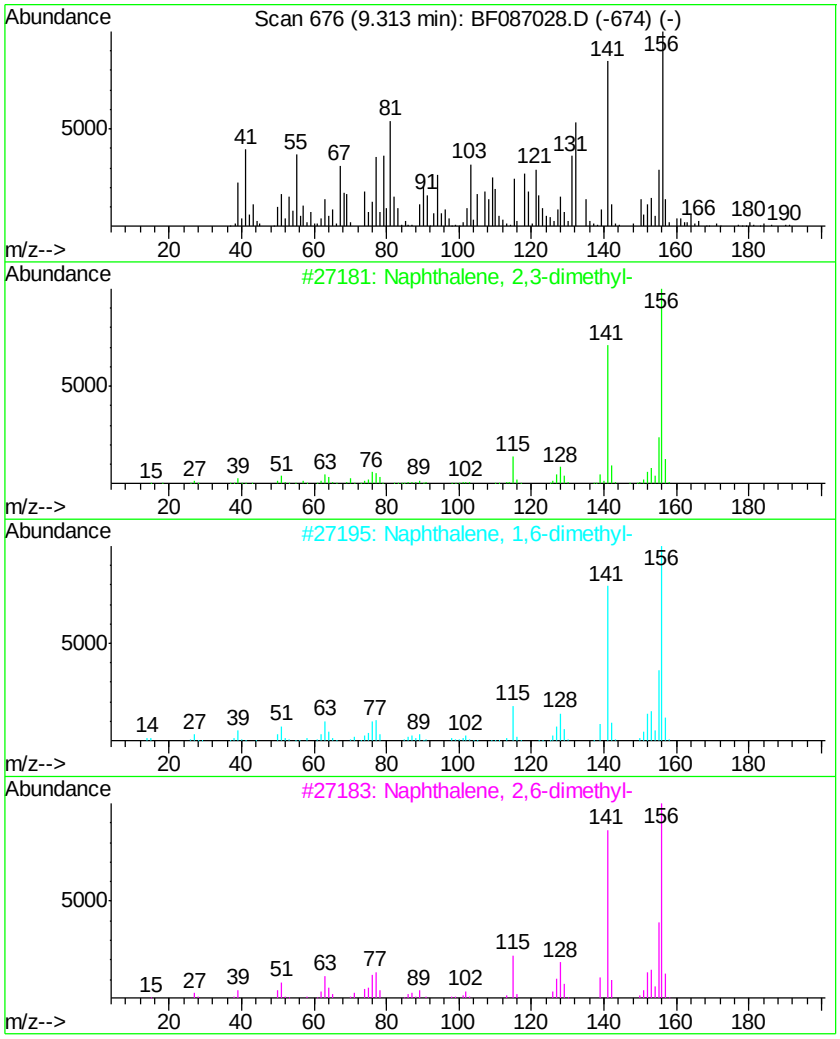
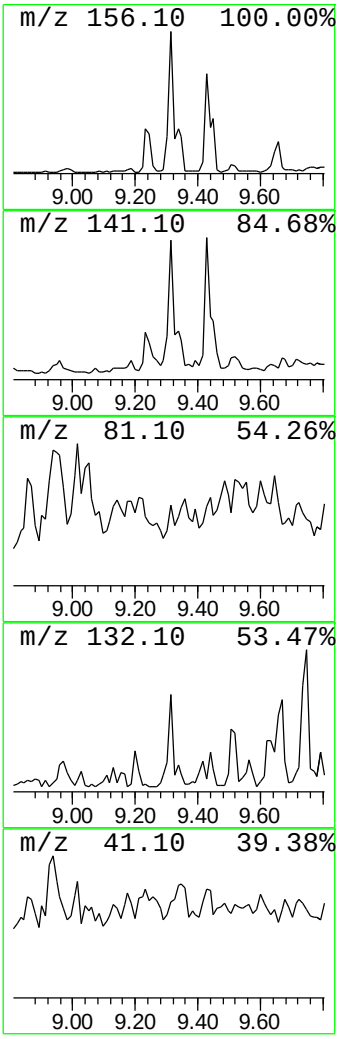
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	14.18 ng	1159560	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90





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Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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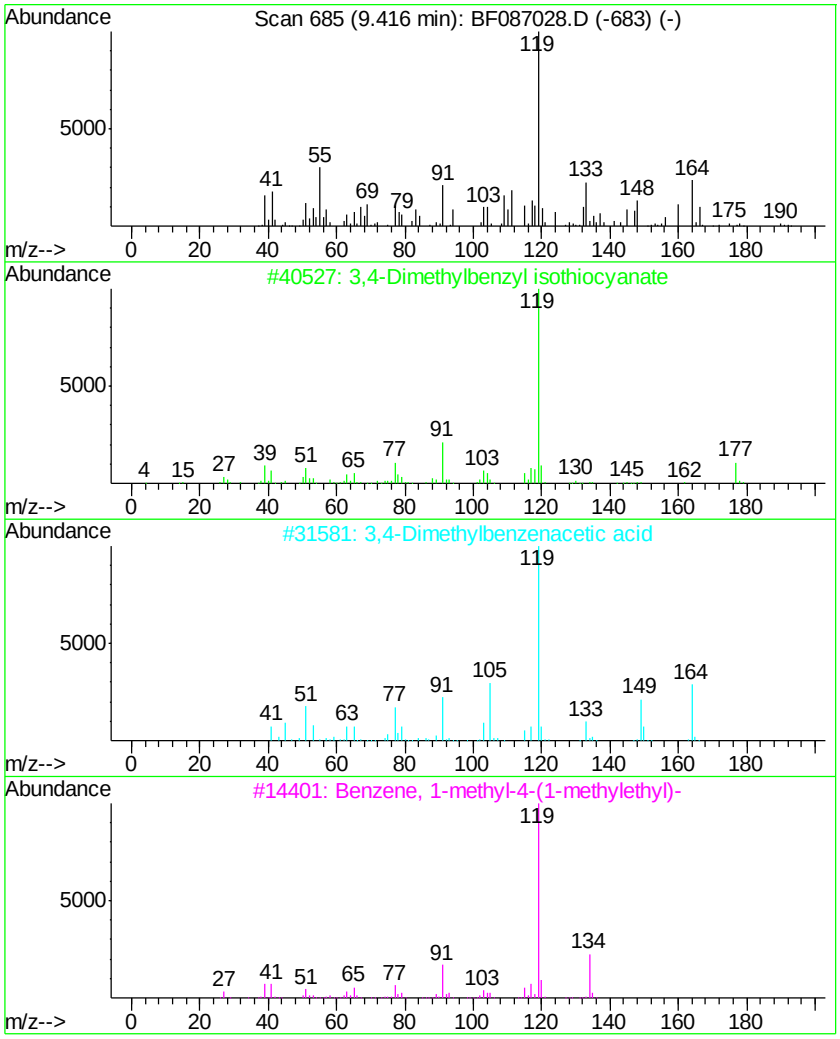
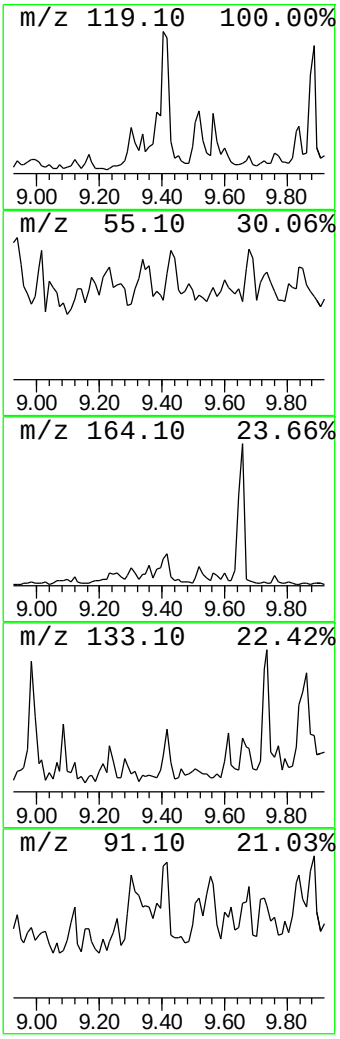
Peak Number 11 unknown9.42 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	17.50 ng	1431570	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	49
2	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	47
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	43
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	43





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Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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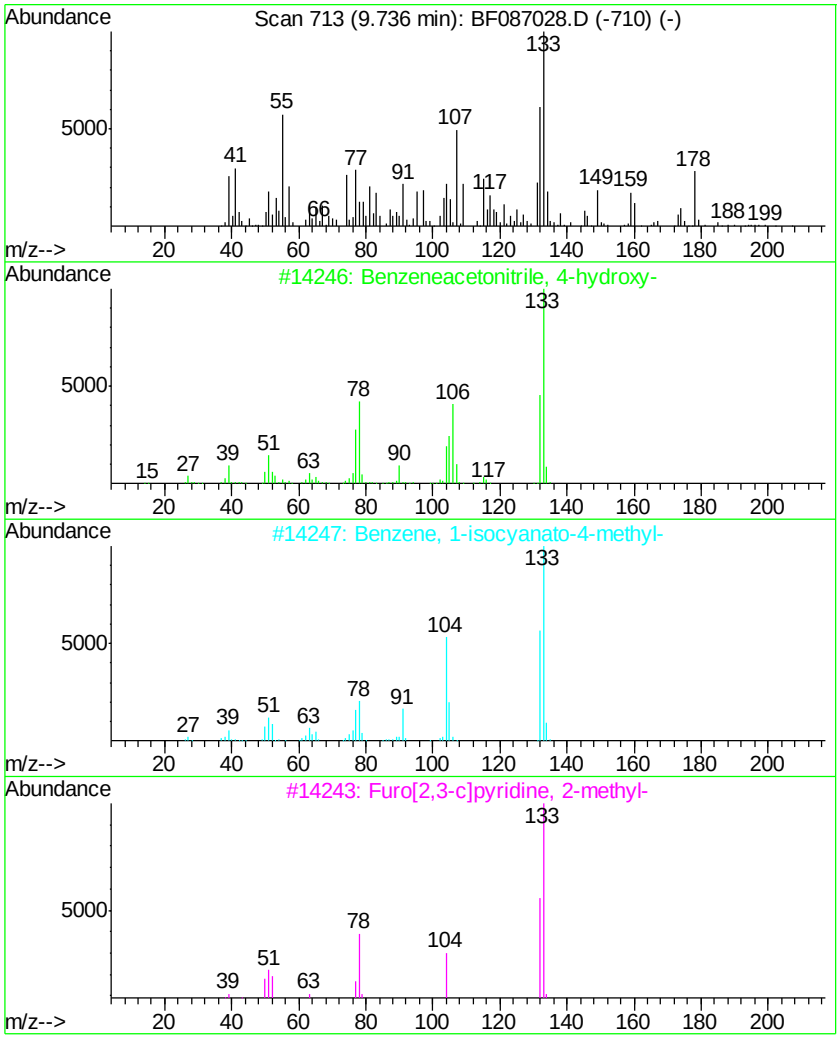
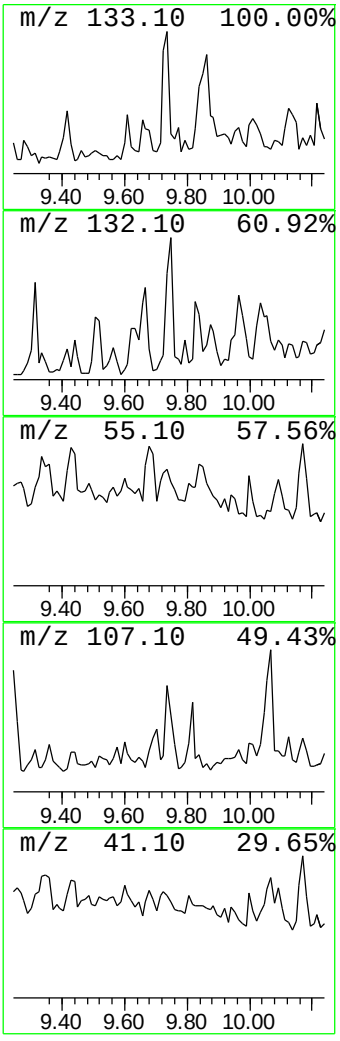
Peak Number 12 unknown9.74 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	19.34 ng	1581740	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	43
2	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	38
3	Furo[2,3-c]pyridine, 2-methyl-	133	C8H7NO	069022-76-0	38
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	35
5	3-(4-Pyridyl)acrylaldehyde	133	C8H7NO	026505-36-2	35





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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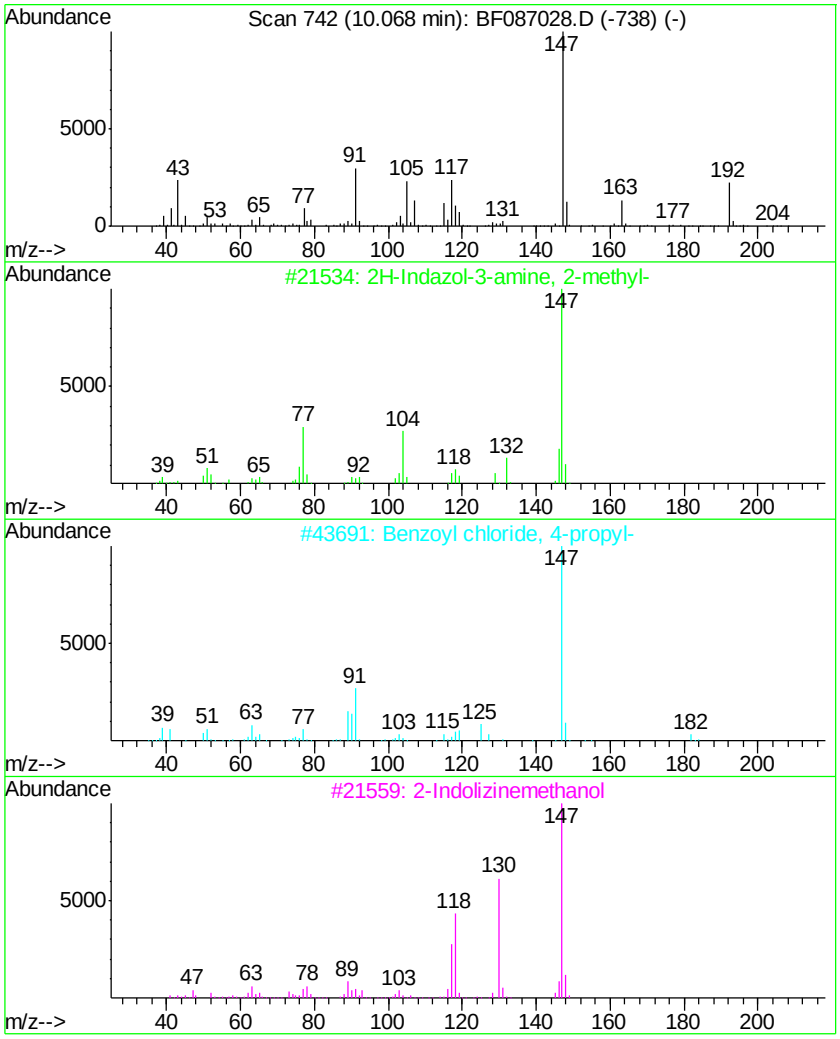
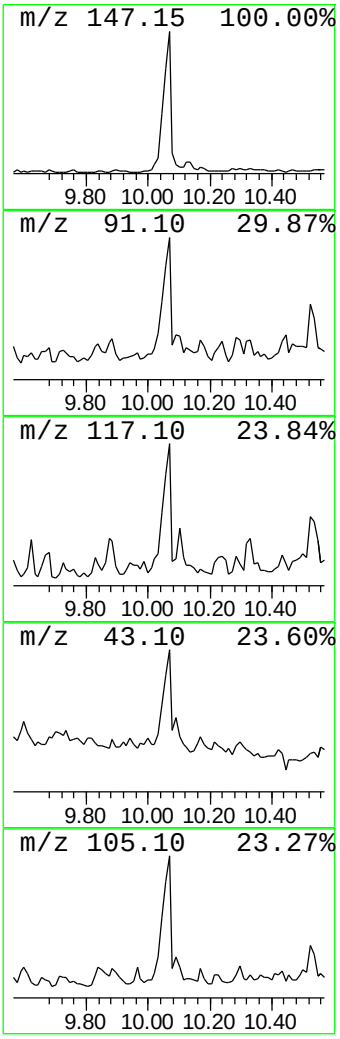
Peak Number 13 unknown10.07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	57.26 ng	4683860	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
2	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	43
3	2-Indolizinemethanol	147	C9H9NO	022320-21-4	43
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	40
5	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	38





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Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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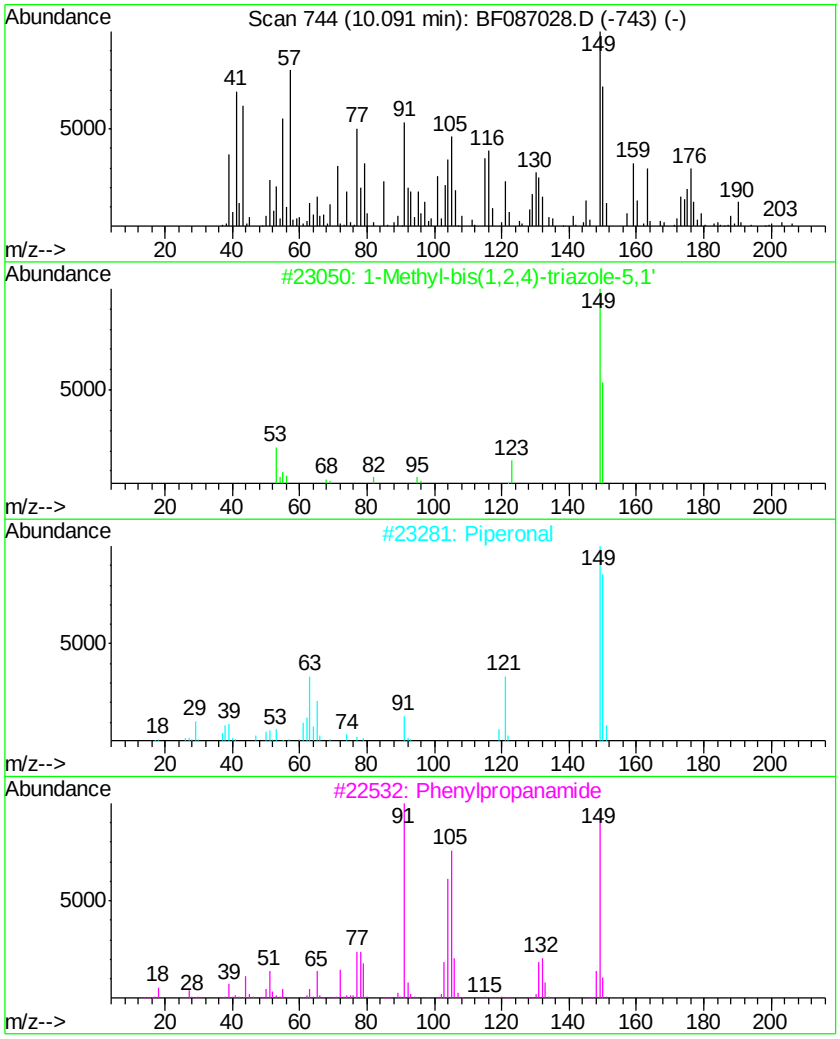
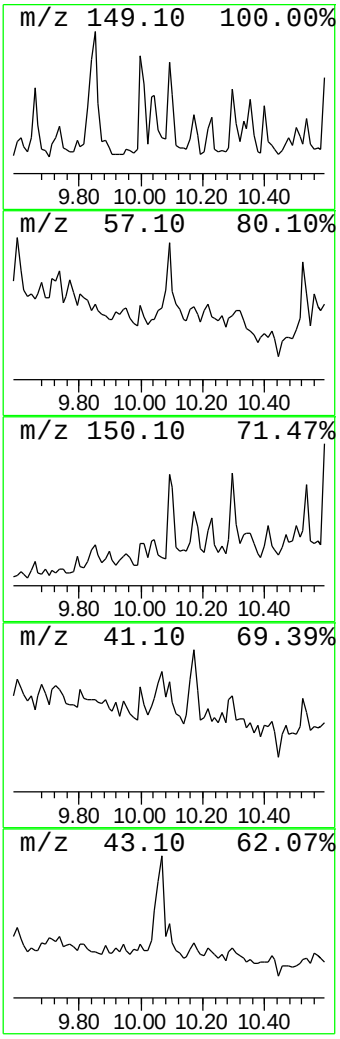
Peak Number 14 unknown10.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	21.06 ng	1722570	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-bis(1,2,4)-triazole-5,1'	150	C5H6N6	063523-85-3	30
2	Piperonal	150	C8H6O3	000120-57-0	27
3	Phenylpropanamide	149	C9H11NO	000102-93-2	27
4	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	27
5	4-Formylbenzeneboronic acid	150	C7H7BO3	087199-17-5	27





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Acq On : 14 May 2016 19:09
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Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

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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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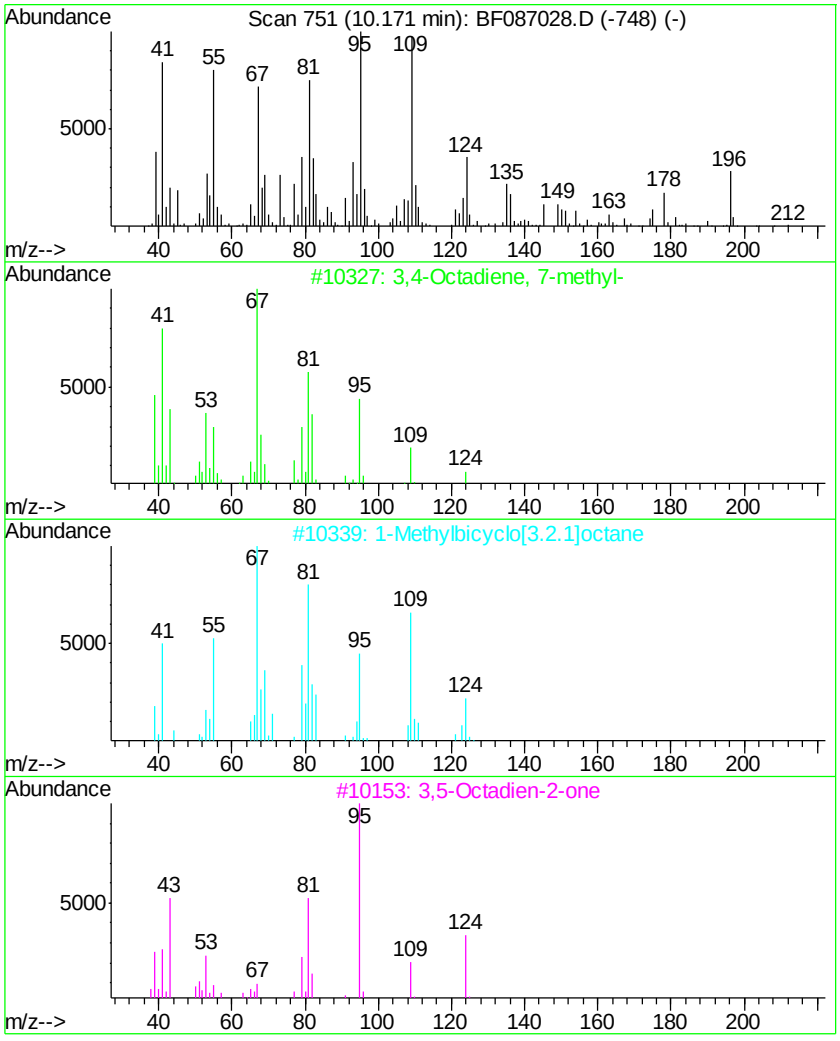
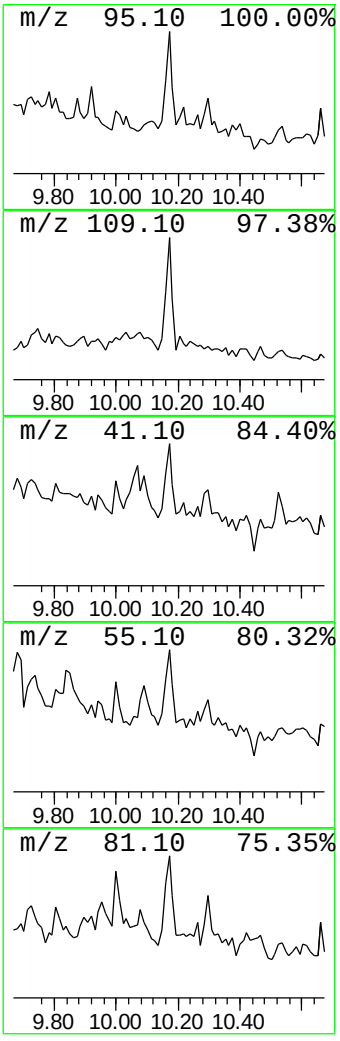
Peak Number 15 3,4-Octadiene, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	30.48 ng	2493270	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	64
2	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	58
3	3,5-Octadien-2-one	124	C8H12O	038284-27-4	46
4	2-Tetradecyne	194	C14H26	000638-60-8	46
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	46





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Sample : H2947-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-17

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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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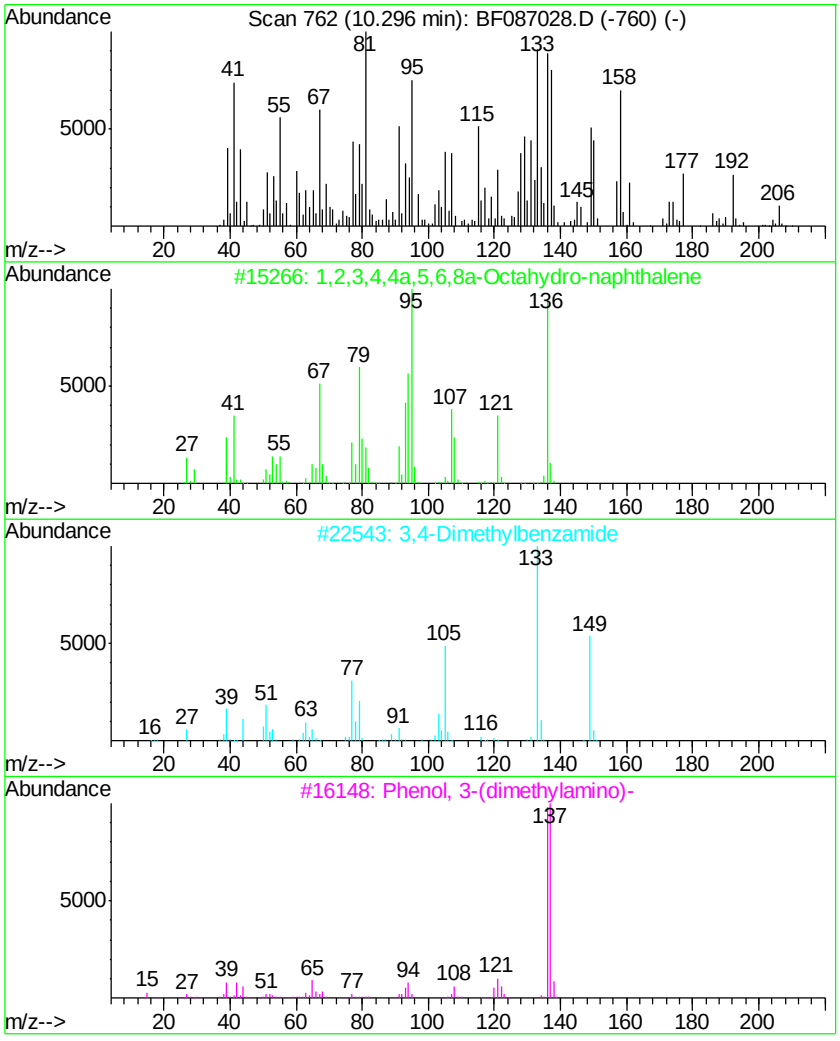
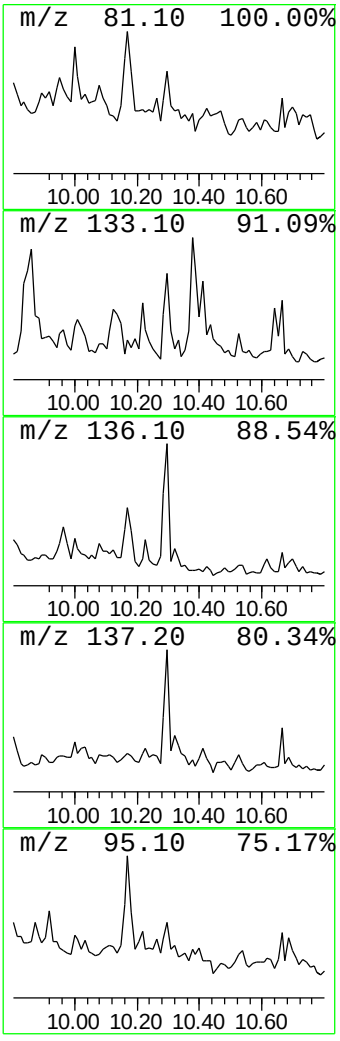
Peak Number 16 unknown10.30 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	14.49 ng	1184940	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	35
2	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	25
3	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	18
4	Methanethioamide, N-phenyl-	137	C7H7NS	000637-51-4	18
5	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	15





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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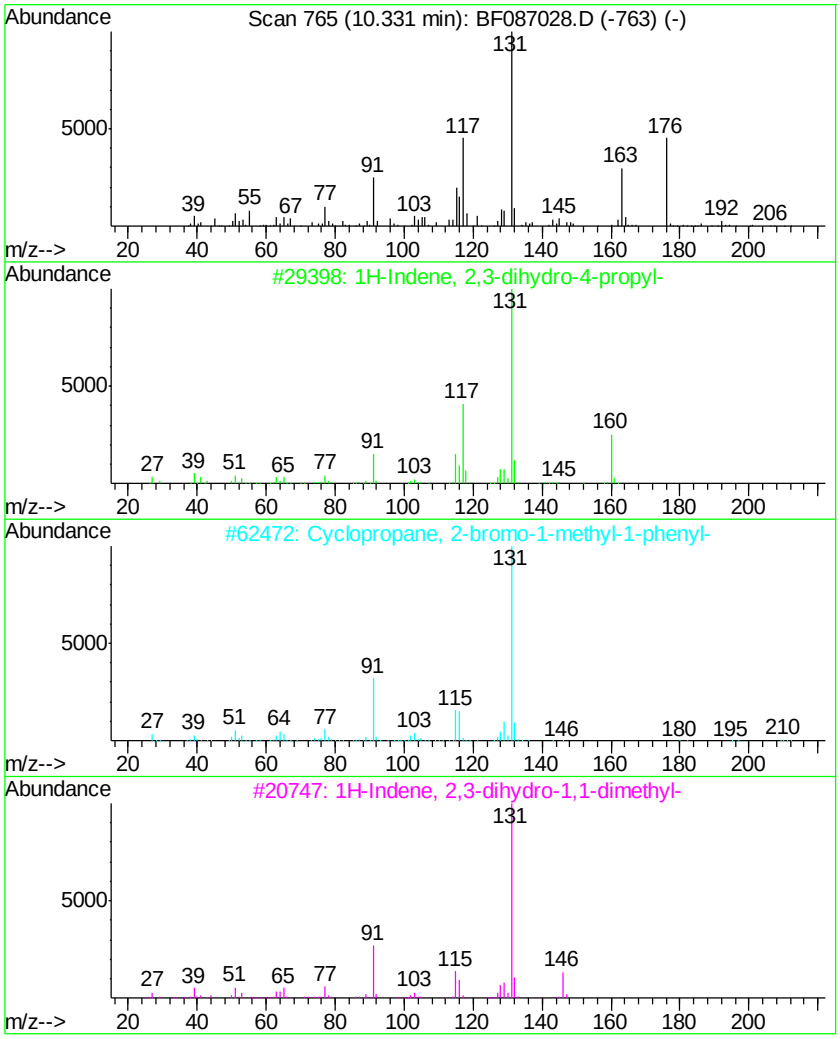
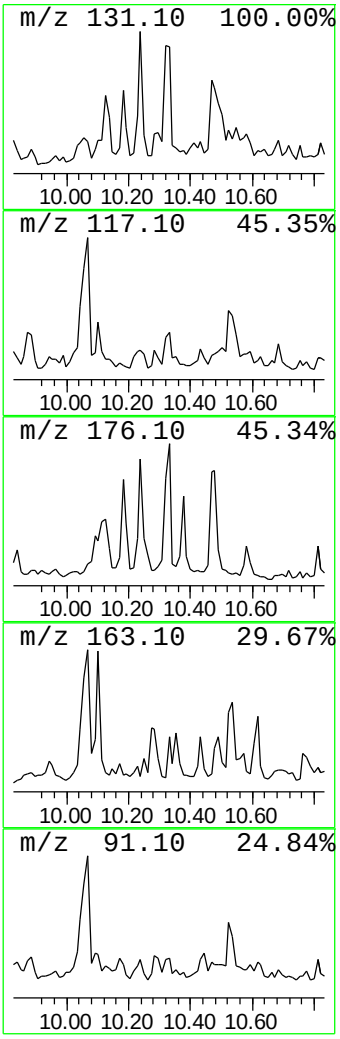
Peak Number 17 1H-Indene, 2,3-dihydro-4-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	18.82 ng	1539670	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	50
2	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	46
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	43
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38
5	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	37





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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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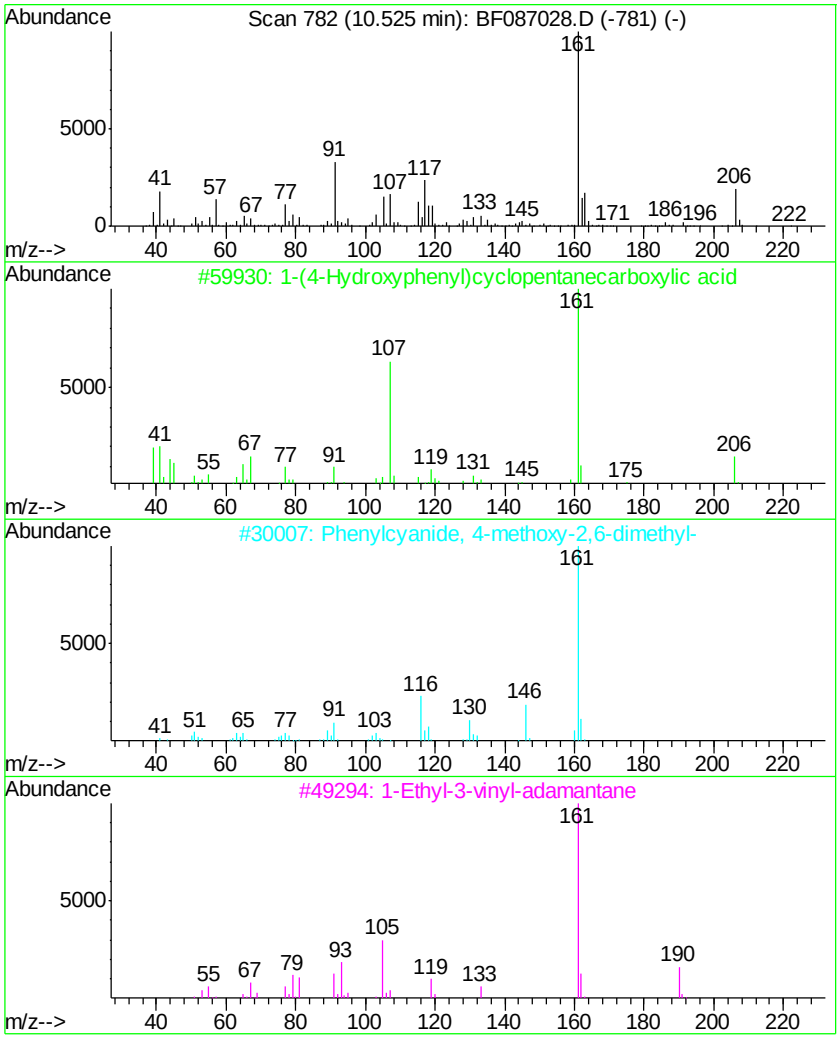
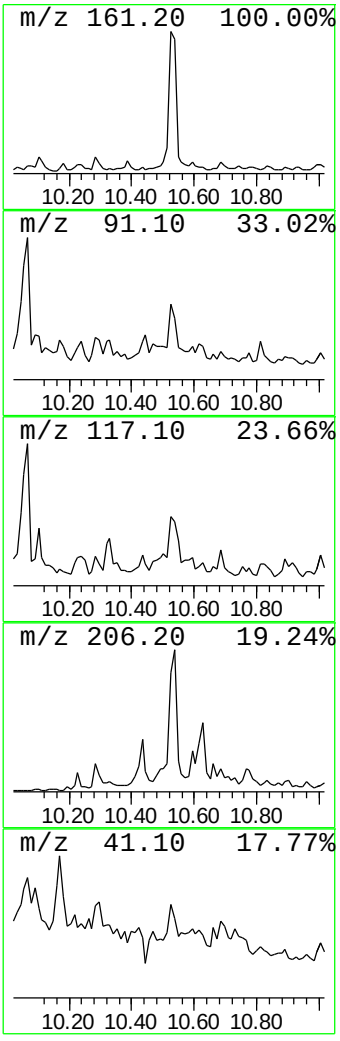
Peak Number 18 1-(4-Hydroxyphenyl)cyclopen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	16.07 ng	1553370	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	52
2	Phenylcyanide, 4-methoxy-2,6-dim...	161	C10H11NO	019111-77-4	47
3	1-Ethyl-3-vinyl-adamantane	190	C14H22	1000214-99-6	47
4	1-Isopropyl-3-tert-butylbenzene	176	C13H20	020033-12-9	43
5	6-Fluoro-2-methylquinoline	161	C10H8FN	001128-61-6	43





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Instrument : BNA_F
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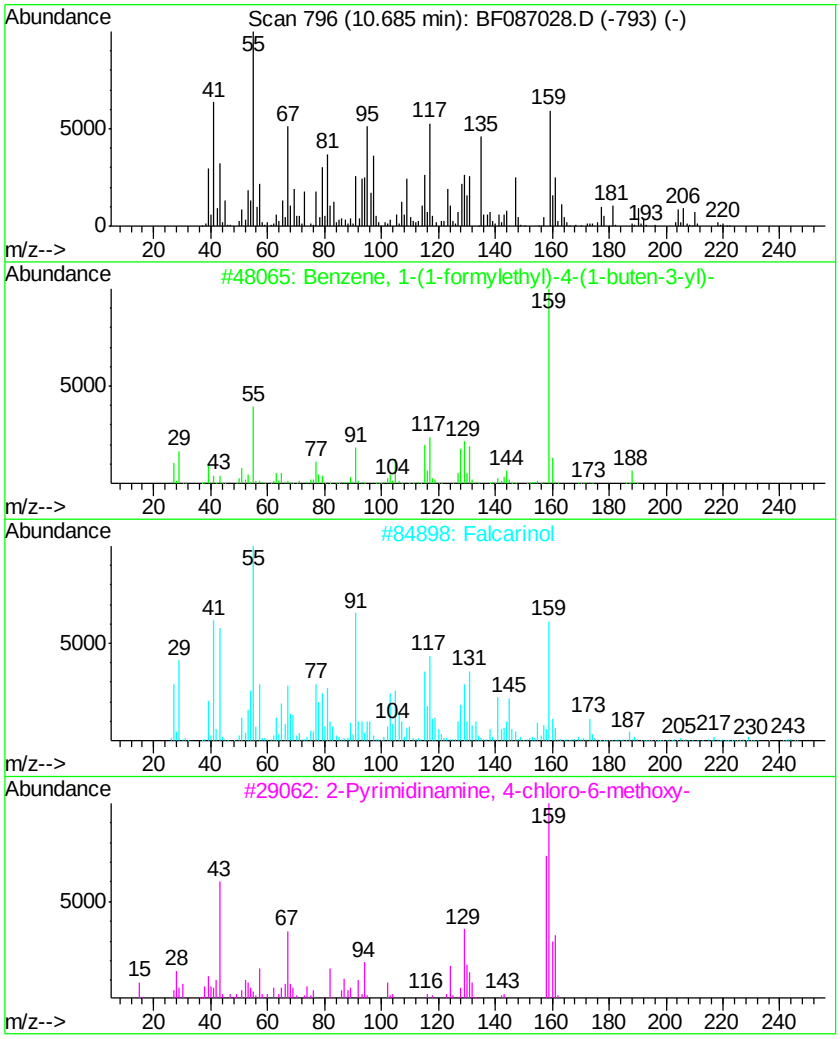
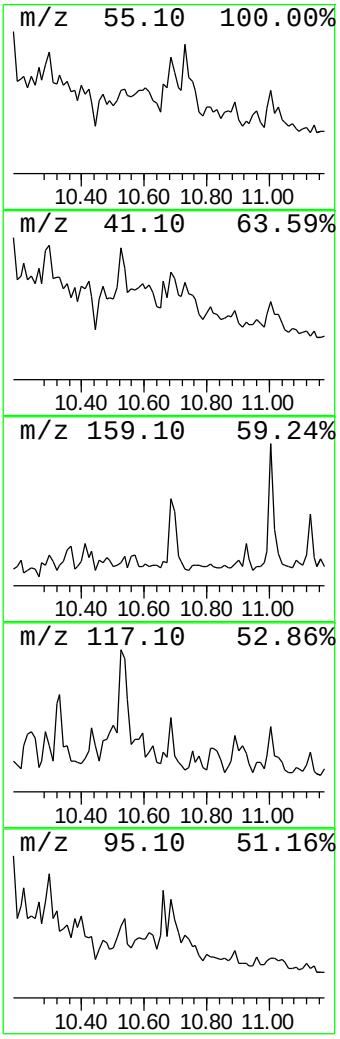
Peak Number 19 unknown10.68 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	16.74 ng	1618820	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	27
2	Falcarinol	244	C17H24O	081203-57-8	16
3	2-Pyrimidinamine, 4-chloro-6-met...	159	C5H6ClN3O	005734-64-5	14
4	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	11
5	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

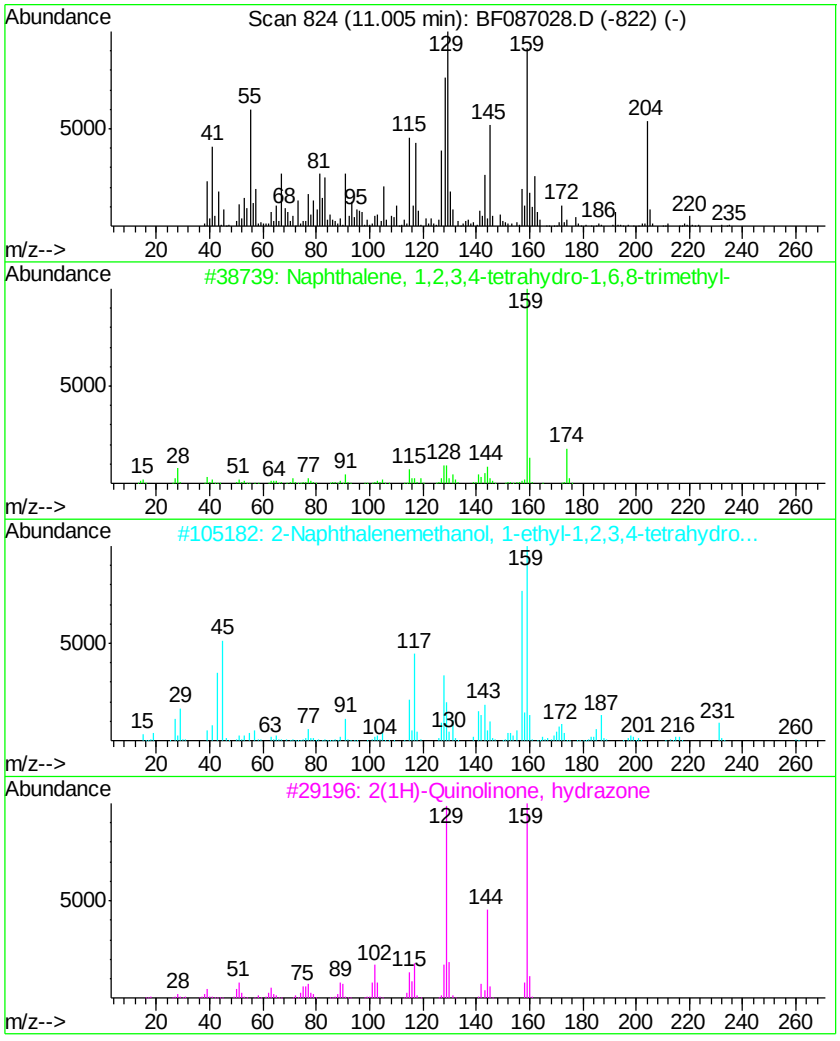
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

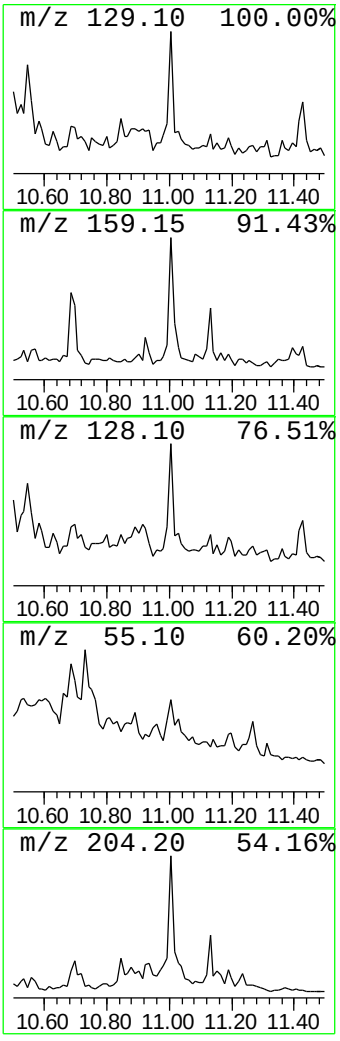
****

Peak Number 20 unknown11.00 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	14.75 ng	1426340	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	37
2	2-Naphthalenemethanol, 1-ethyl-1...	278	C17H26O3	1000221-55-5	35
3	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27
4	Benzocycloheptene, 3-hydroxy-	162	C11H14O	005200-96-4	14
5	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087028.D
Acq On : 14 May 2016 19:09
Operator : UM/SJ
Sample : H2947-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.39	6.39	63.6	ng	3997730	1	6.62	1257600	20.0
Benzene, 1,2-diet...	6.96	12.3	ng	771258	1	6.62	1257600	20.0
Benzene, 1,2,3,5-...	7.64	13.0	ng	3721290	2	7.90	5721710	20.0
1,4-Hexadiene, 2-...	8.39	13.3	ng	3813990	2	7.90	5721710	20.0
unknown8.86	8.86	30.7	ng	2514080	3	9.66	1635970	20.0
unknown9.13	9.13	11.2	ng	917610	3	9.66	1635970	20.0
unknown9.23	9.23	15.2	ng	1242360	3	9.66	1635970	20.0
Naphthalene, 2,3-...	9.31	14.2	ng	1159560	3	9.66	1635970	20.0
unknown9.42	9.42	17.5	ng	1431570	3	9.66	1635970	20.0
unknown9.74	9.74	19.3	ng	1581740	3	9.66	1635970	20.0
unknown10.07	10.07	57.3	ng	4683860	3	9.66	1635970	20.0
unknown10.09	10.09	21.1	ng	1722570	3	9.66	1635970	20.0
3,4-Octadiene, 7-...	10.17	30.5	ng	2493270	3	9.66	1635970	20.0
unknown10.30	10.30	14.5	ng	1184940	3	9.66	1635970	20.0
1H-Indene, 2,3-di...	10.33	18.8	ng	1539670	3	9.66	1635970	20.0
1-(4-Hydroxypheny...	10.52	16.1	ng	1553370	4	11.13	1933790	20.0
unknown10.68	10.68	16.7	ng	1618820	4	11.13	1933790	20.0
unknown11.00	11.00	14.8	ng	1426340	4	11.13	1933790	20.0