LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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	44	rVB	3370170	6851482	21.40%	3.286%
2	5.210	314	317	323	rBV	1222145	2168671	6.77%	1.040%
3	5.359	328	330	333	rBV2	220696	360944	1.13%	0.173%
4	5.484	340	341	347	rVB	264291	397131	1.24%	0.190%
5	5.633	351	354	357	rVB2	474221	538898	1.68%	0.258%
6	5.919	376	379	385	rVB3	182881	330015	1.03%	0.158%
7	6.102	393	395	400	rBV2	482238	697153	2.18%	0.334%
8	6.216	403	405	406	rBV	212263	424941	1.33%	0.204%
9	6.239	406	407	410	rVB	1337679	1568270	4.90%	0.752%
10	6.296	410	412	415	rBV2	962533	1639835	5.12%	0.786%
11	6.387	418	420	423	rVB	3040950	3404121	10.63%	1.633%
12	6.490	425	429	432	rBV	372922	735485	2.30%	0.353%
13	6.570	432	436	438	rBV2	656547	1190811	3.72%	0.571%
14	6.604	438	439	446	rVB2	912214	2131650	6.66%	1.022%
15	6.765	451	453	456	rBV2	2972844	3976888	12.42%	1.907%
16	6.822	456	458	461	rBV3	266989	556840	1.74%	0.267%
17	6.959	467	470	473	rBV3	510886	901669	2.82%	0.432%
18	7.039	473	477	479	rBV	616596	937494	2.93%	0.450%
19	7.142	483	486	488	rBV2	940718	2181859	6.81%	1.046%
20	7.187	488	490	494	rVB	2904688	3958086	12.36%	1.898%
21	7.279	496	498	499	rBV2	484384	701192	2.19%	0.336%
22	7.302	499	500	505	rVB4	444780	1030399	3.22%	0.494%
23	7.393	505	508	512	rBV2	1103415	1626743	5.08%	0.780%
24	7.485	512	516	518	rBV3	810267	1668860	5.21%	0.800%
25	7.587	521	525	527	rVB3	616891	1111574	3.47%	0.533%
26	7.645	527	530	534	rVB2	1612812	3489056	10.90%	1.673%
27	7.725	534	537	540	rBV2	1142089	2566935	8.02%	1.231%
28	7.793	540	543	546	rVB3	443081	671624	2.10%	0.322%
29	7.839	546	547	549	rVB2	411839	425983	1.33%	0.204%
30	7.907	549	553	556	rBV	1937458	4192792	13.10%	2.011%
31	7.976	556	559	562	rVB3	1210598	2966258	9.26%	1.423%
32	8.056	564	566	568	rBV2	563726	1003244	3.13%	0.481%
33	8.182	570	577	579	rBV5	1392191	4158437	12.99%	1.994%
34	8.250	580	583	585	rBV2	989225	2214797	6.92%	1.062%

LSC Area Percent Report

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Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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	8.296	585	587	592	rVB4	1442307	2218517	6.93%	1.064%
36	8.376	592	594	595	rBV2	439549	733179	2.29%	0.352%
37	8.468	596	602	607	rVB4	1529454	5163372	16.13%	2.476%
38	8.582	609	612	613	rBV3	782038	1336627	4.17%	0.641%
39	8.605	613	614	618	rVB3	1589737	2502228	7.82%	1.200%
40	8.685	618	621	622	rBV2	1460946	2507146	7.83%	1.202%
41	8.719	622	624	627	rVB4	1844896	3261545	10.19%	1.564%
42	8.788	627	630	631	rBV	1225243	2192351	6.85%	1.051%
43	8.810	631	632	634	rVV2	855045	1388504	4.34%	0.666%
44	8.890	638	639	640	rVV	797917	807129	2.52%	0.387%
45	8.936	641	643	645	rVV2	1591836	2495101	7.79%	1.197%
46	8.982	645	647	649	rVV2	2940326	4986312	15.57%	2.391%
47	9.016	649	650	653	rVB2	1818970	2623157	8.19%	1.258%
48	9.096	655	657	658	rBV	499456	526016	1.64%	0.252%
49	9.165	660	663	666	rBV4	745438	2001455	6.25%	0.960%
50	9.279	672	673	675	rBV2	762650	1006448	3.14%	0.483%
51	9.416	682	685	693	rVB8	875007	3029255	9.46%	1.453%
52	9.553	695	697	699	rBV2	641268	1226995	3.83%	0.588%
53	9.656	703	706	707	rVB2	1588609	2575745	8.04%	1.235%
54	9.713	707	711	712	rBV3	1091117	2953946	9.23%	1.417%
55	9.793	716	718	719	rBV2	538039	741138	2.31%	0.355%
56	9.828	719	721	724	rBV3	1401815	2860092	8.93%	1.372%
57	9.873	724	725	727	rVV2	1100228	1114583	3.48%	0.535%
58	9.919	727	729	733	rVV4	675409	1796635	5.61%	0.862%
59	9.988	733	735	737	rVV2	1038536	1812535	5.66%	0.869%
60	10.045	737	740	741	rVV2	1137955	2904824	9.07%	1.393%
61	10.068	741	742	743	rVV	1690836	1959263	6.12%	0.940%
62	10.125	745	747	750	rVB2	2159015	3340181	10.43%	1.602%
63	10.193	750	753	756	rBV3	1696742	2956133	9.23%	1.418%
64	10.342	761	766	768	rVV6	773925	2213778	6.91%	1.062%
65	10.456	772	776	777	rBV2	2093162	3325732	10.39%	1.595%
66	10.491	777	779	782	rVB3	639433	685992	2.14%	0.329%
67	10.628	790	791	793	rVB2	651560	807812	2.52%	0.387%
68	10.731	798	800	802	rVV2	600835	862431	2.69%	0.414%
69	10.822	806	808	812	rVB2	1307766	2084764	6.51%	1.000%
70	10.902	812	815	820	rVB6	1103938	2390916	7.47%	1.147%
71	11.028	823	826	828	rVB3	826974	1507289	4.71%	0.723%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
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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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Peak separation: 5

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

72	11.131	833	835	838	rVB2	1349776	1677467	5.24%	0.805%
73	11.485	864	866	868	rVB2	433833	547137	1.71%	0.262%
74	11.702	883	885	886	rVB	379477	400659	1.25%	0.192%
75	12.045	904	915	917	rBV	6831133	32017158	100.00%	15.355%
76	12.308	931	938	941	rBV2	6027520	18556470	57.96%	8.900%
77	12.491	952	954	958	rVV2	319483	531874	1.66%	0.255%
78	12.559	958	960	963	rVB	4437230	4808681	15.02%	2.306%
79	12.719	971	974	976	rBV	3573596	3369457	10.52%	1.616%
80	12.765	976	978	980	rVB	3598999	3300076	10.31%	1.583%
81	13.759	1062	1065	1067	rBV	666653	840644	2.63%	0.403%
82	15.120	1181	1184	1186	rBV	522069	781009	2.44%	0.375%

Sum of corrected areas: 208509895

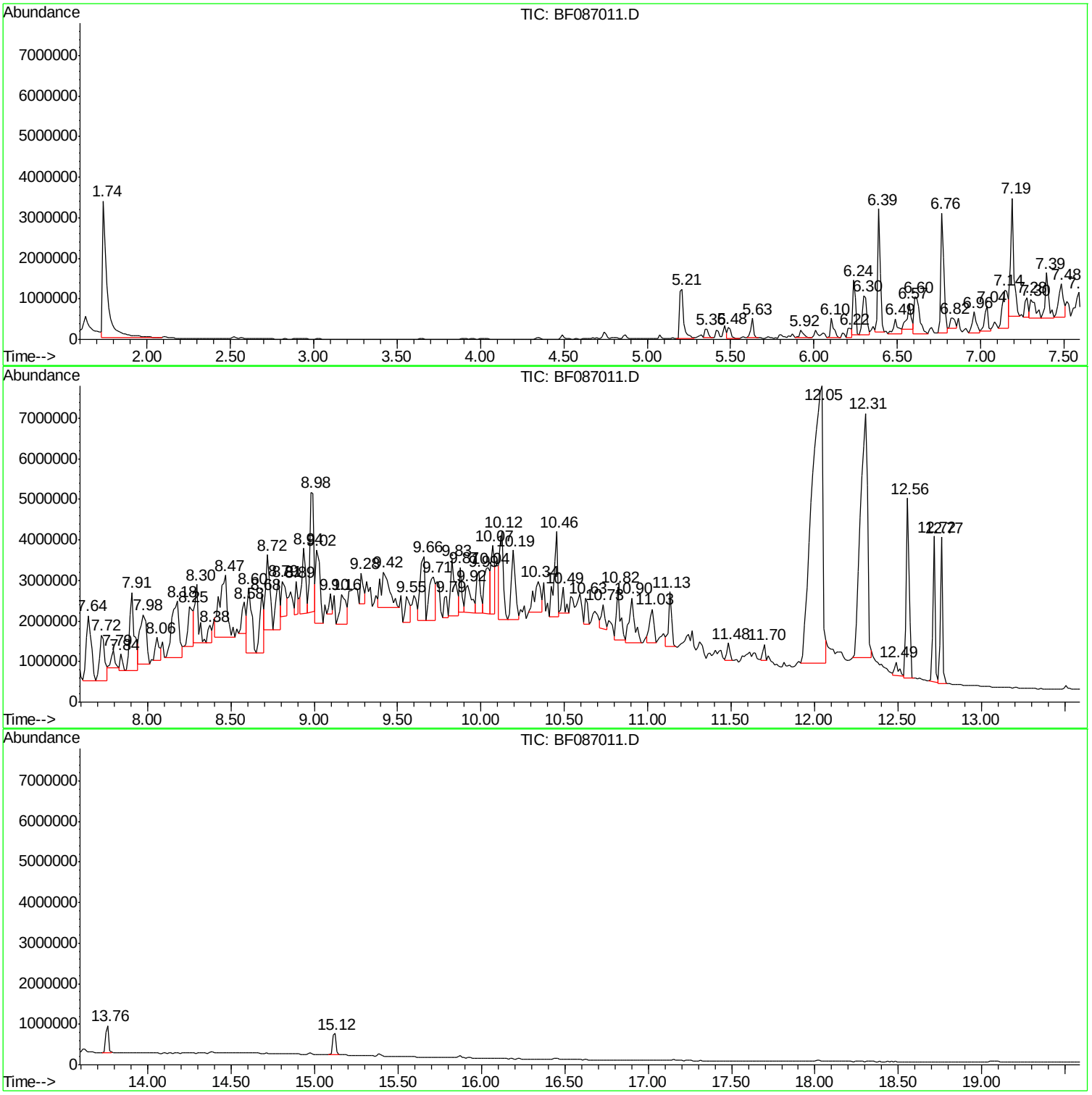
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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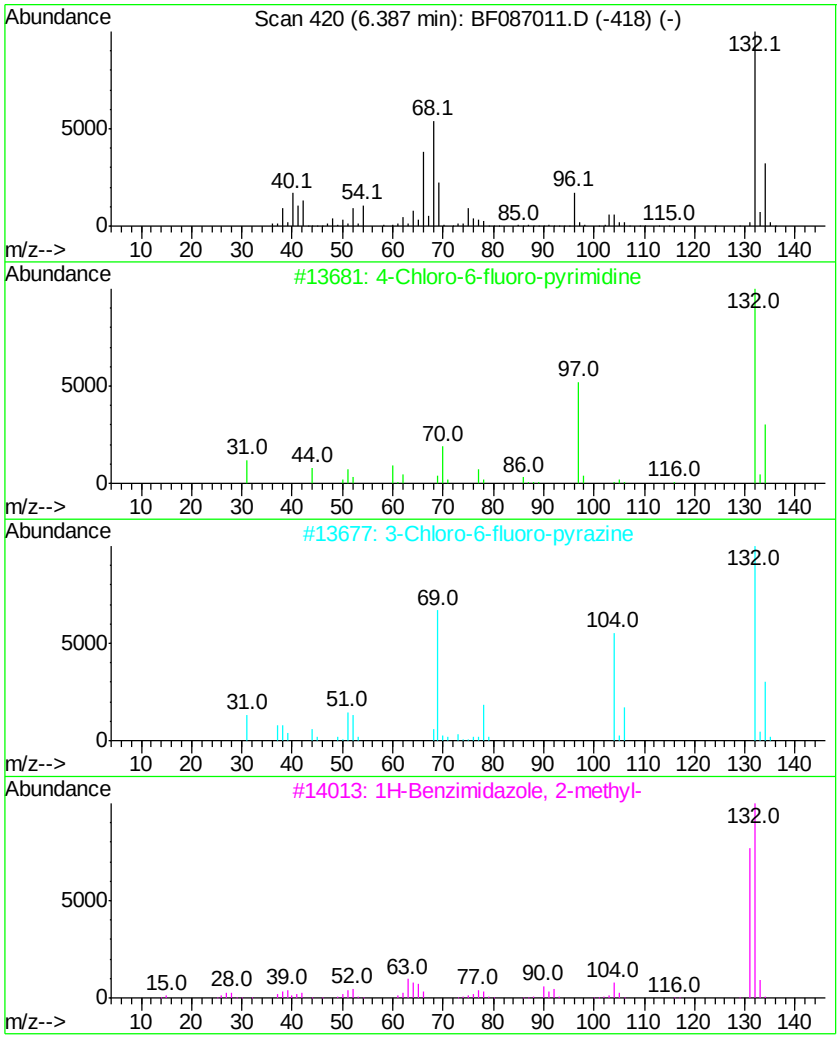
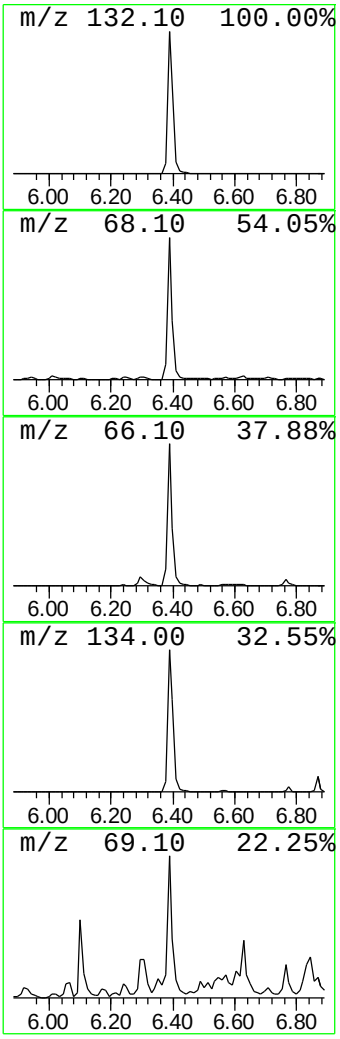
Peak Number 2 unknown6.39 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	31.94 ng	3404120	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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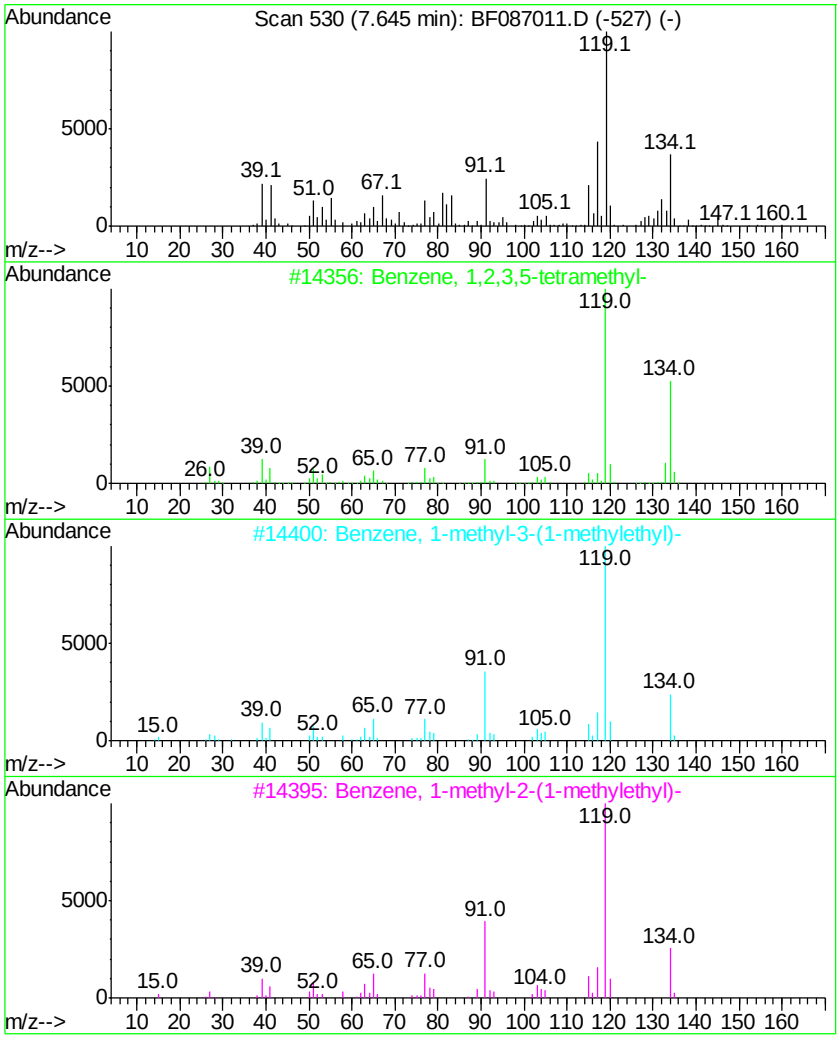
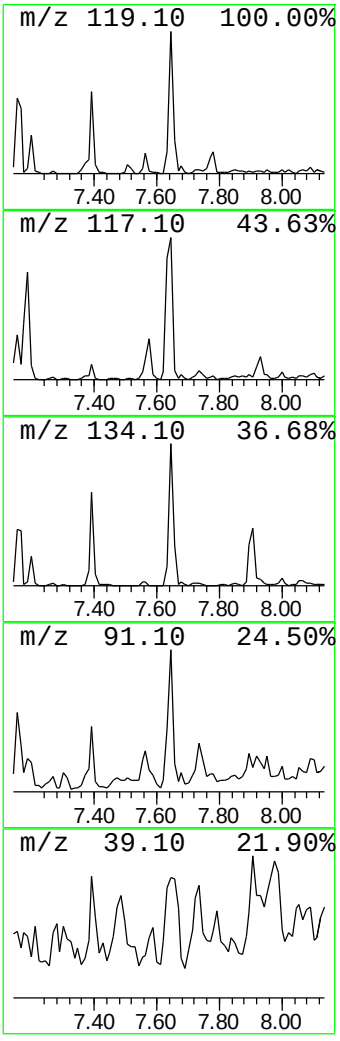
Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	16.64 ng	3489060	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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

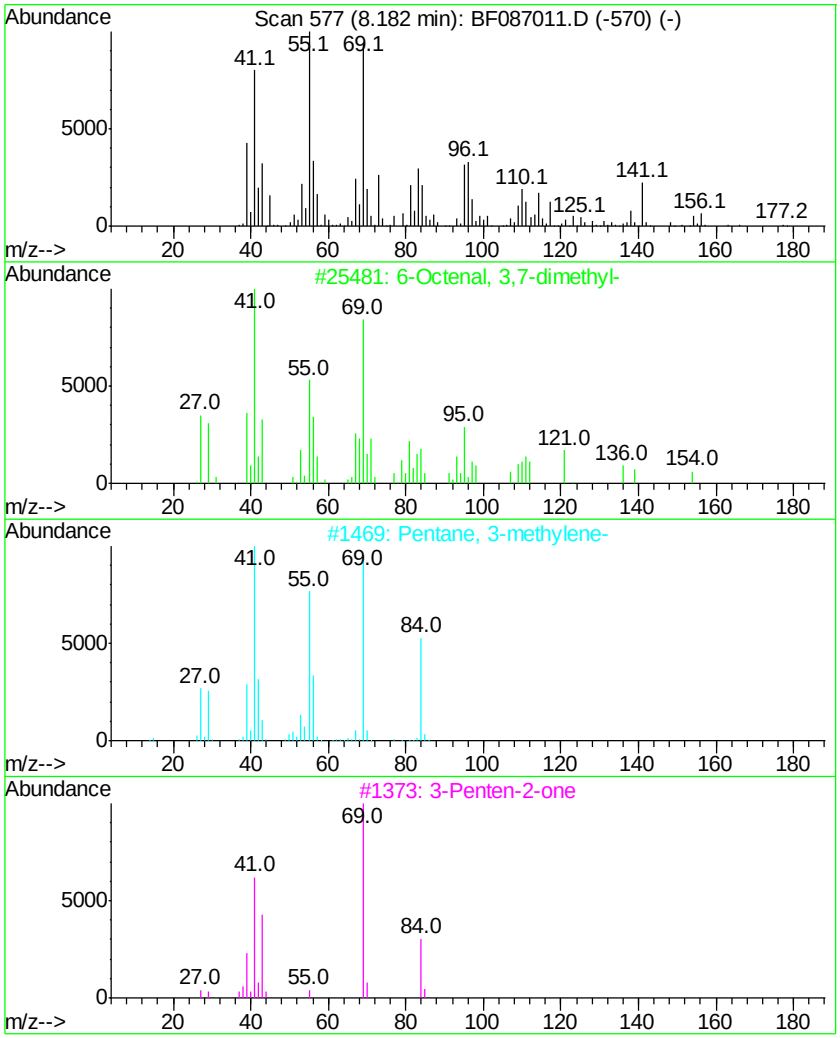
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

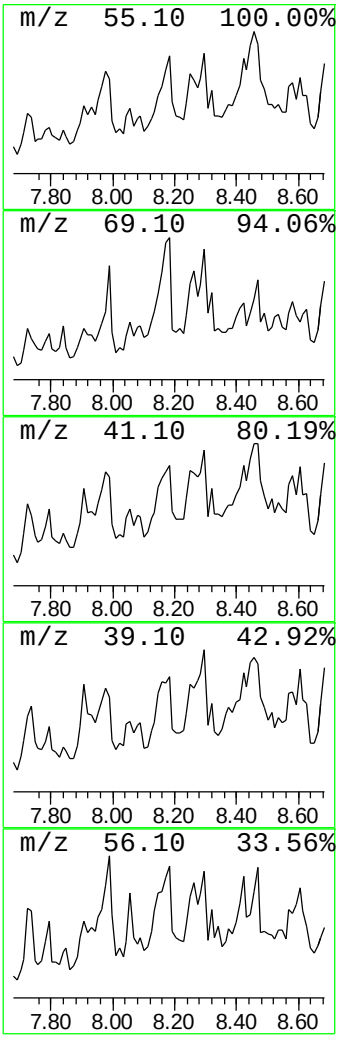
****

Peak Number 5 6-Octenal, 3,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	19.84 ng	4158440	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-	154	C10H18O	000106-23-0	78
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
3	3-Penten-2-one	84	C5H8O	000625-33-2	38
4	2-Propenamide, N,N-diethyl-2-met...	141	C8H15NO	005441-99-6	38
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38





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Instrument : BNA_F
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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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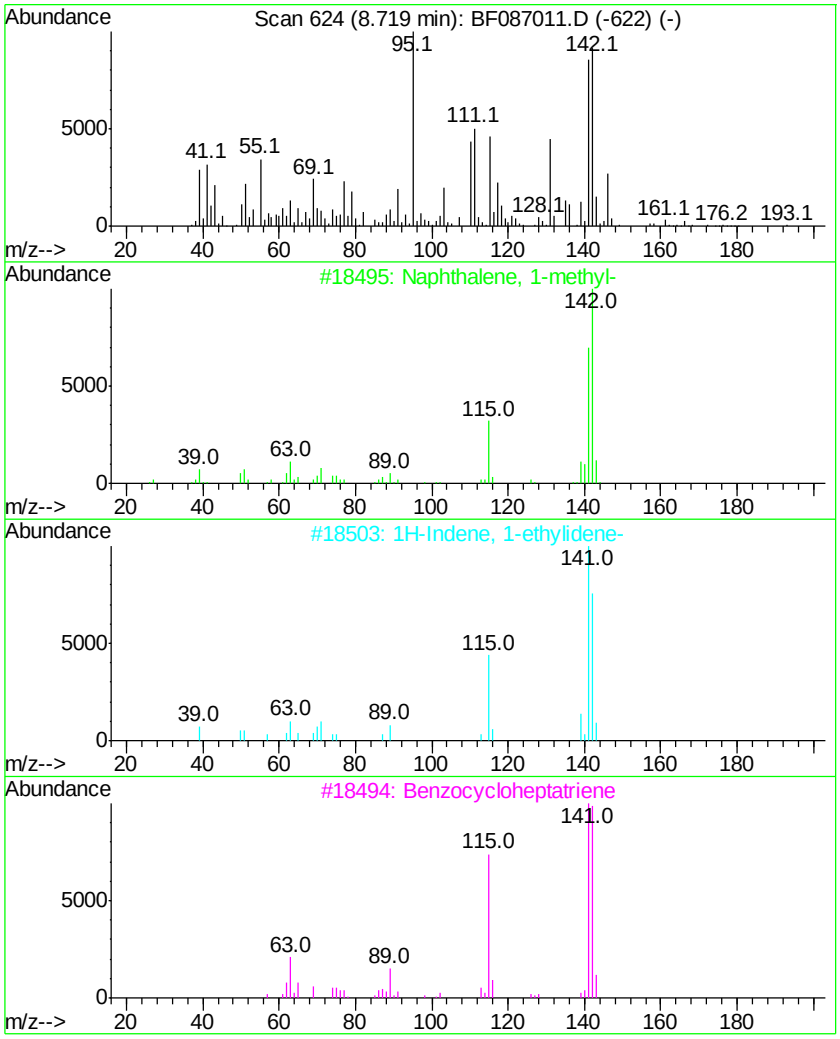
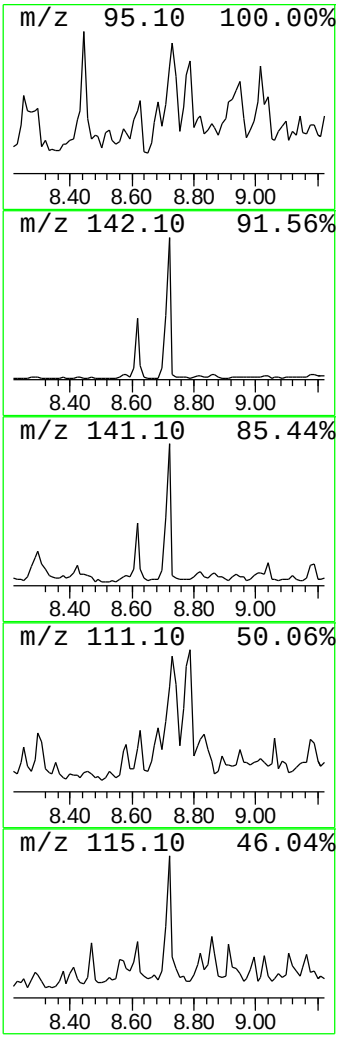
Peak Number 7 unknown8.72 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	15.56 ng	3261550	Naphthalene-d8	7.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	42
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	42
3	Benzocycloheptatriene	142	C11H10	000264-09-5	38
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	30
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	30





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Sample : H2947-09
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ALS Vial : 35 Sample Multiplier: 1

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

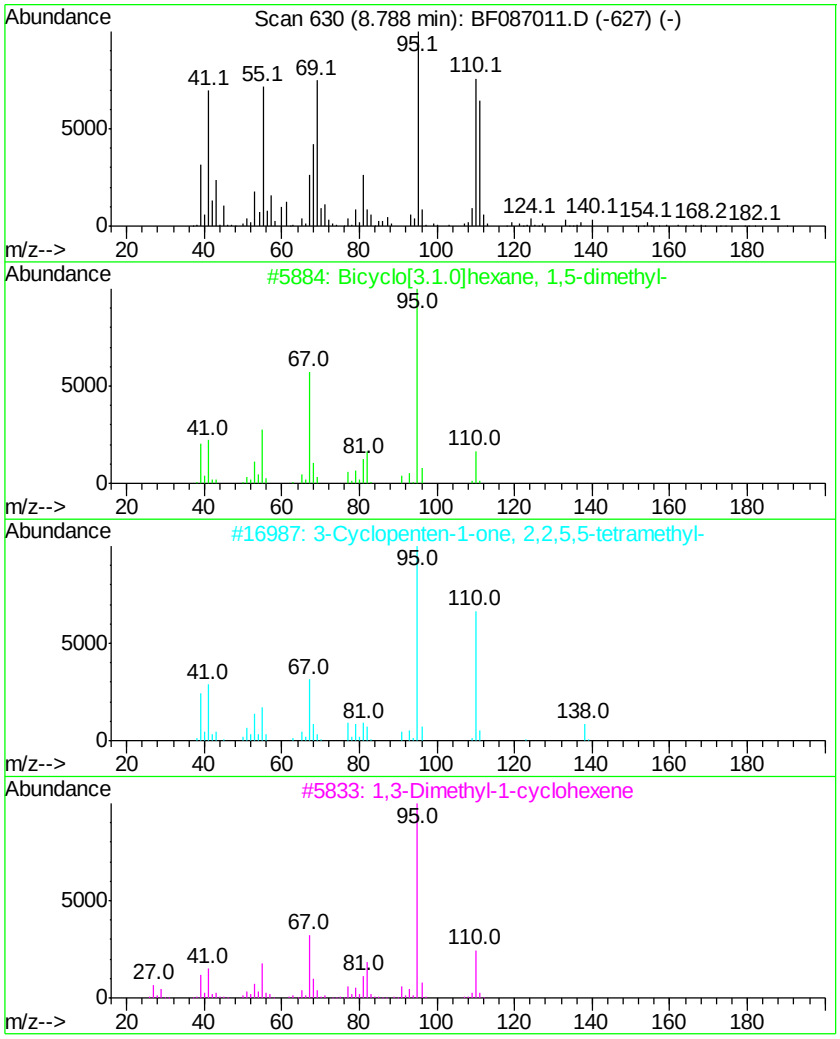
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

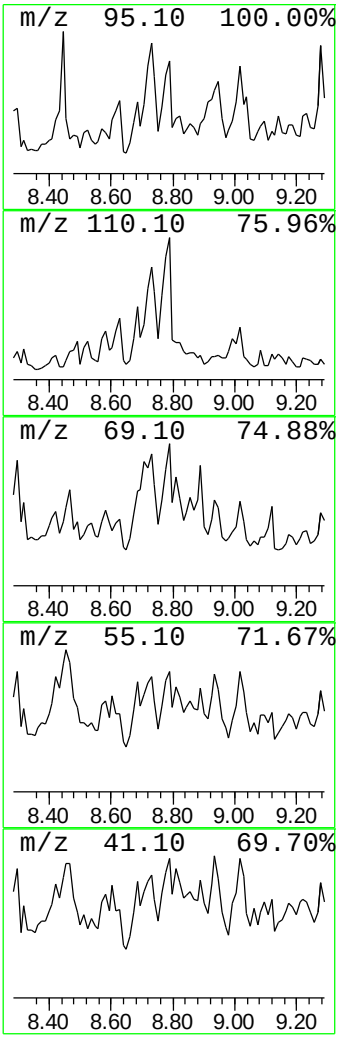
****

Peak Number 8 unknown8.79 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	17.02 ng	2192350	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38
2	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	38
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	35
5	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	014919-56-3	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087011.D
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Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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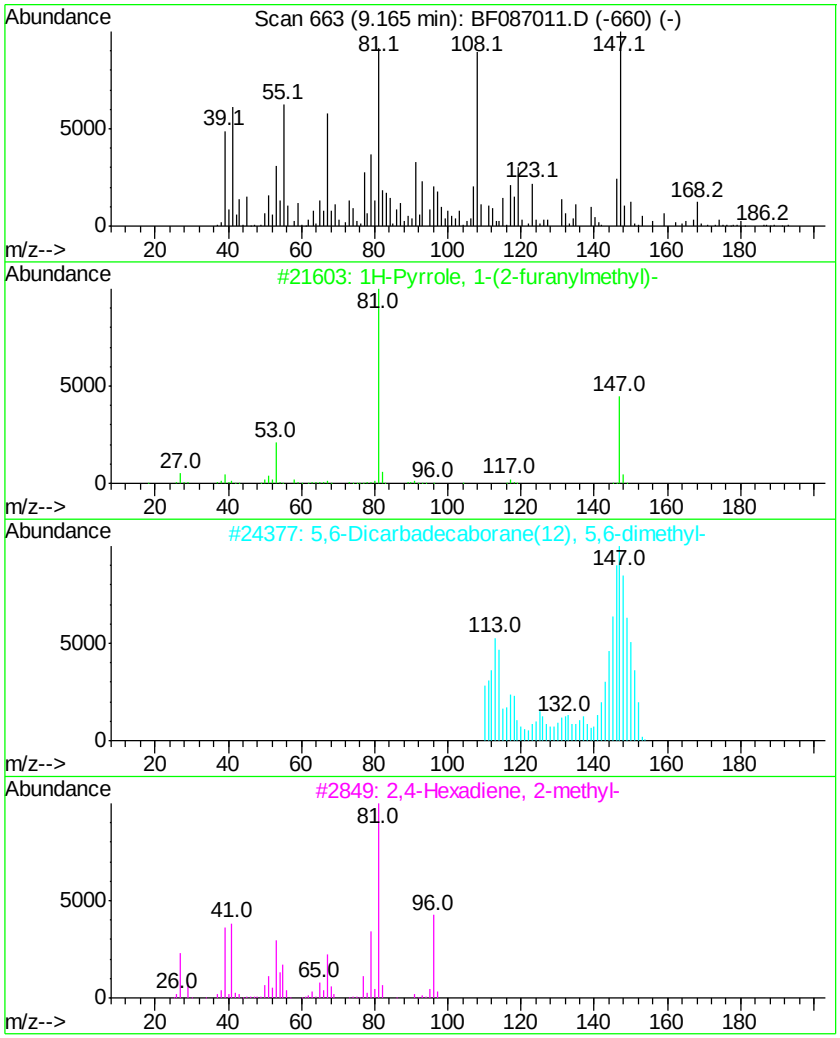
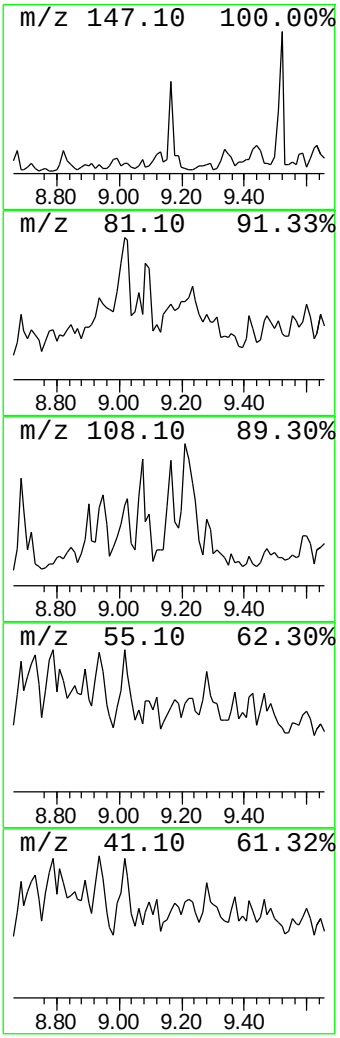
Peak Number 9 unknown9.16 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	15.54 ng	2001460	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-(2-furanylmethyl)-	147	C9H9NO	001438-94-4	27
2	5,6-Dicarbadecaborane(12), 5,6-d...	152	C4H16B8	031566-09-3	25
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	18
4	N-(2-Propenyl)-N-(2-propynyl)-N-...	123	C8H13N	1000283-41-1	18
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	18





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Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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

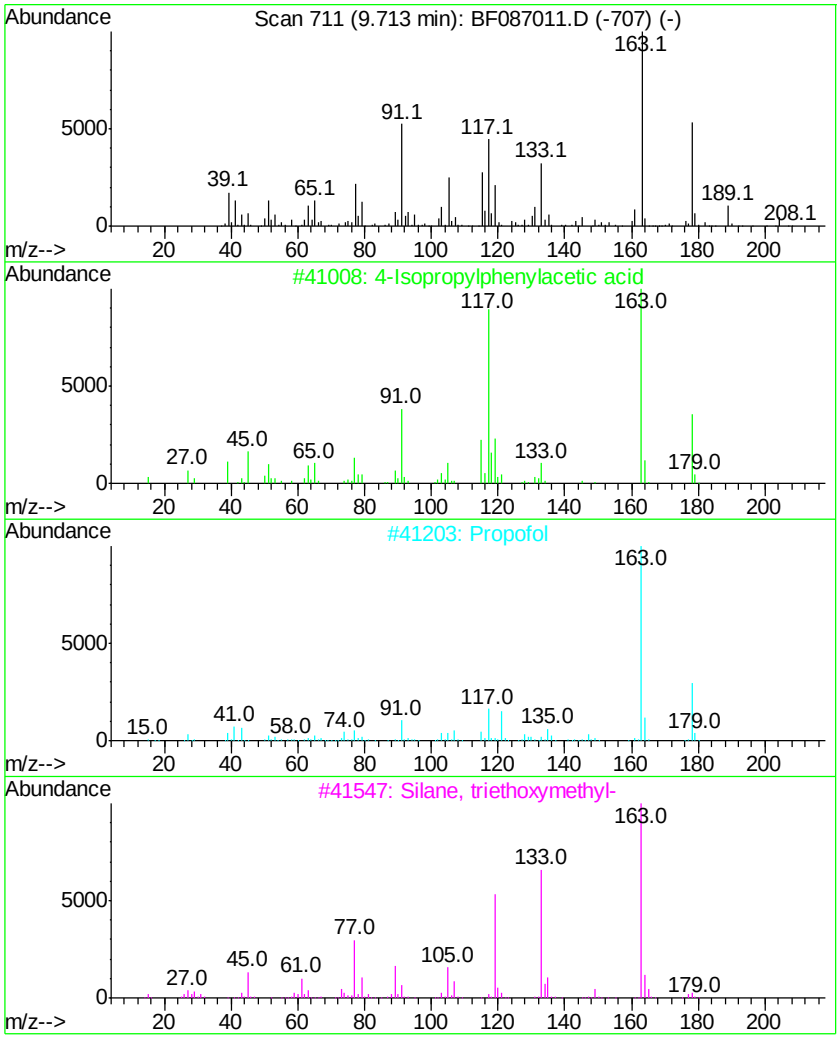
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

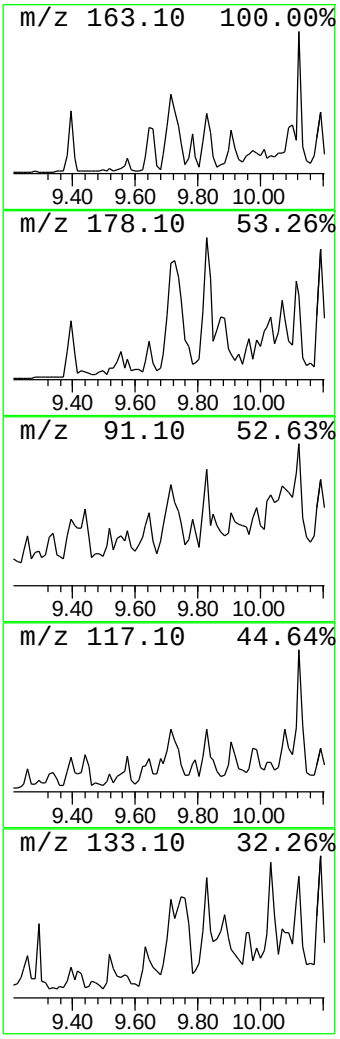
****

Peak Number 10 4-Isopropylphenylacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	22.94 ng	2953950	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	58
2	Propofol	178	C12H18O	002078-54-8	38
3	Silane, triethoxymethyl-	178	C7H18O3Si	002031-67-6	35
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	35
5	Pyridine, 2,6-epidioxy-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	35





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Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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

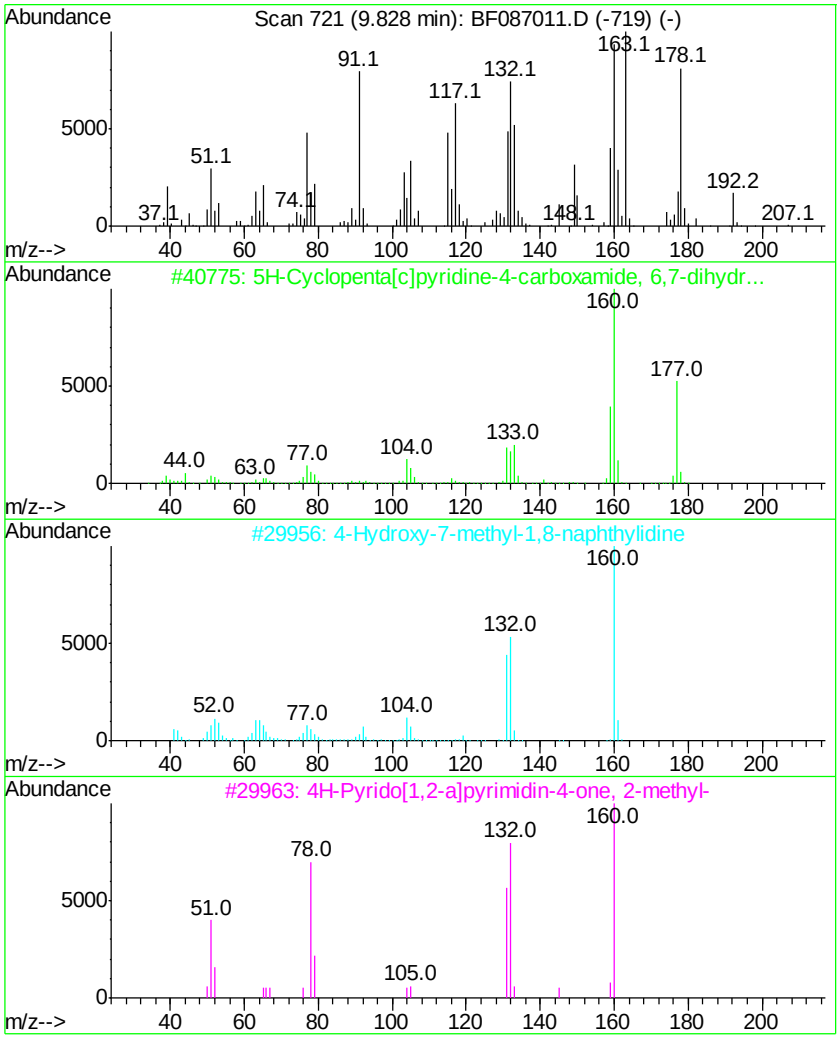
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

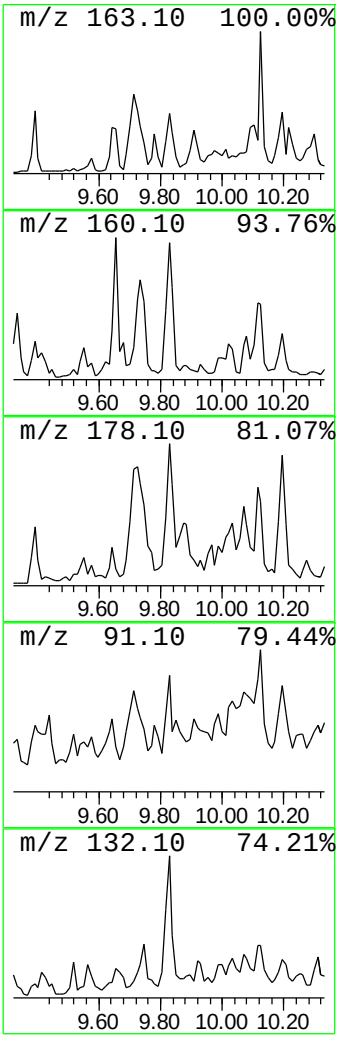
****

Peak Number 11 unknown9.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	22.21 ng	2860090	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Cyclopenta[c]pyridine-4-carbo...	177	C9H11N3O	130688-30-1	41
2	4-Hydroxy-7-methyl-1,8-naphthyli...	160	C9H8N2O	001569-18-2	38
3	4H-Pyrido[1,2-a]pyrimidin-4-one,...	160	C9H8N2O	001693-94-3	30
4	4-Hydroxy-6-methyl-1,5-naphthyri...	160	C9H8N2O	023443-24-5	25
5	Benzene, 1,2-dimethoxy-4-(2-prop...	178	C11H14O2	000093-15-2	15





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Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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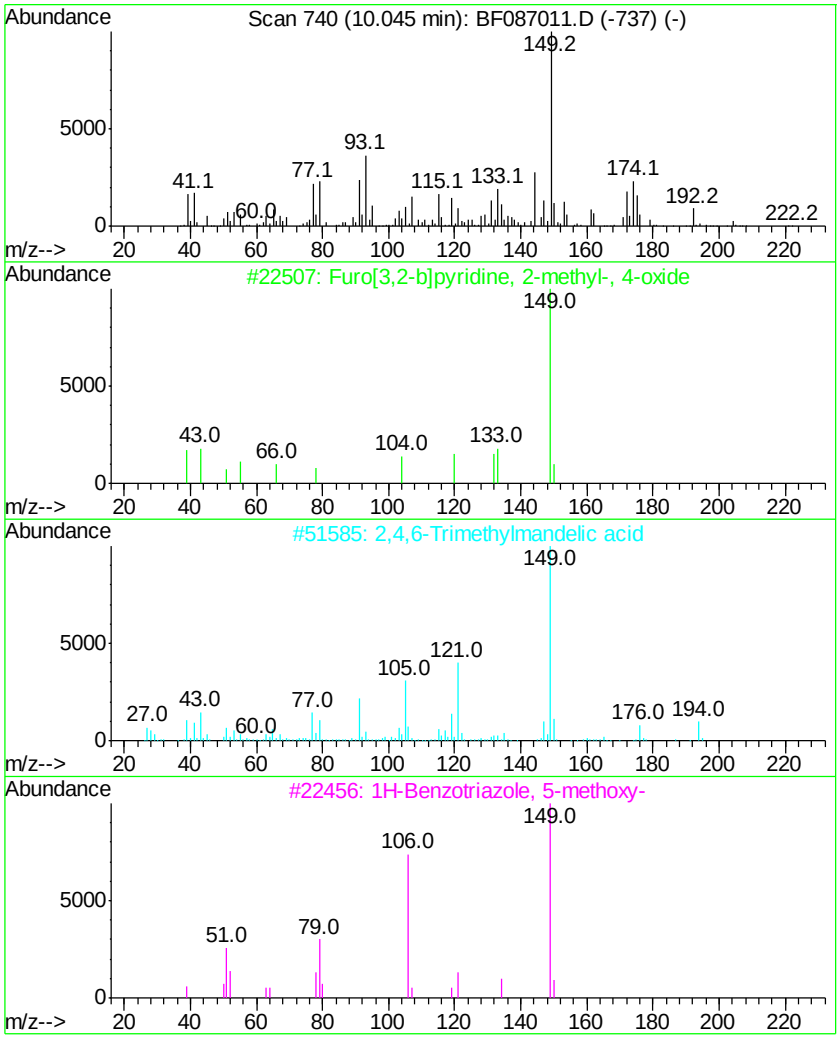
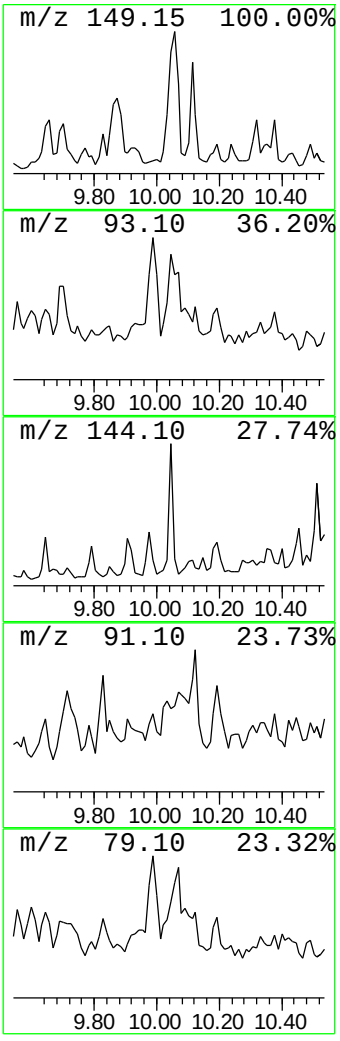
Peak Number 12 unknown10.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	22.56 ng	2904820	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	43
2	2,4,6-Trimethylmandelic acid	194	C11H14O3	020797-56-2	38
3	1H-Benzotriazole, 5-methoxy-	149	C7H7N3O	027799-91-3	38
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	35
5	Carbamodithioic acid, acetyl-, m...	149	C4H7NOS2	016696-88-1	35





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Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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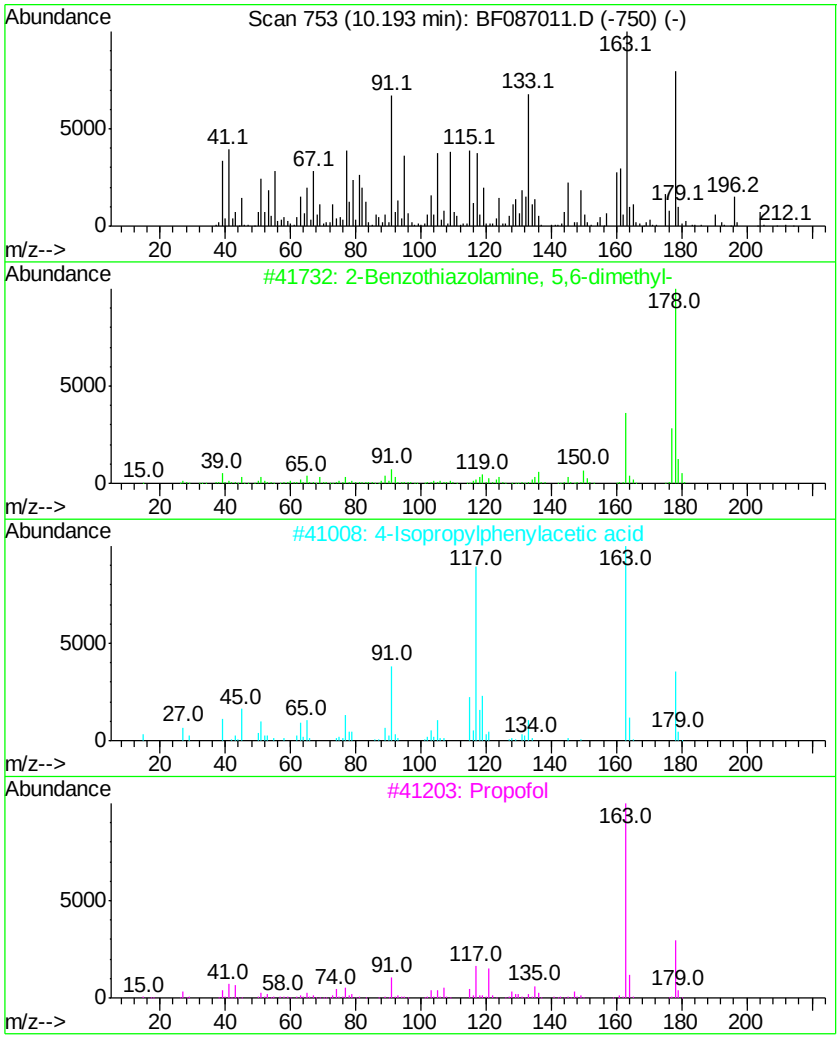
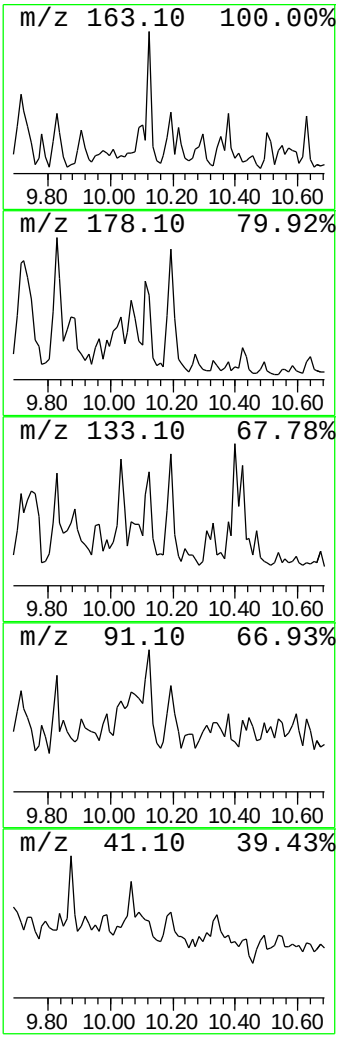
Peak Number 13 unknown10.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	22.95 ng	2956130	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiazolamine, 5,6-dimethyl-	178	C9H10N2S	029927-08-0	46
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	45
3	Propofol	178	C12H18O	002078-54-8	43
4	Bicyclo[4.3.0]nonan-2-one, 8-iso...	178	C12H18O	1000159-42-7	43
5	1-(5-Dimethylethyl)pyrazin-2-yl-...	178	C10H14N2O	182306-61-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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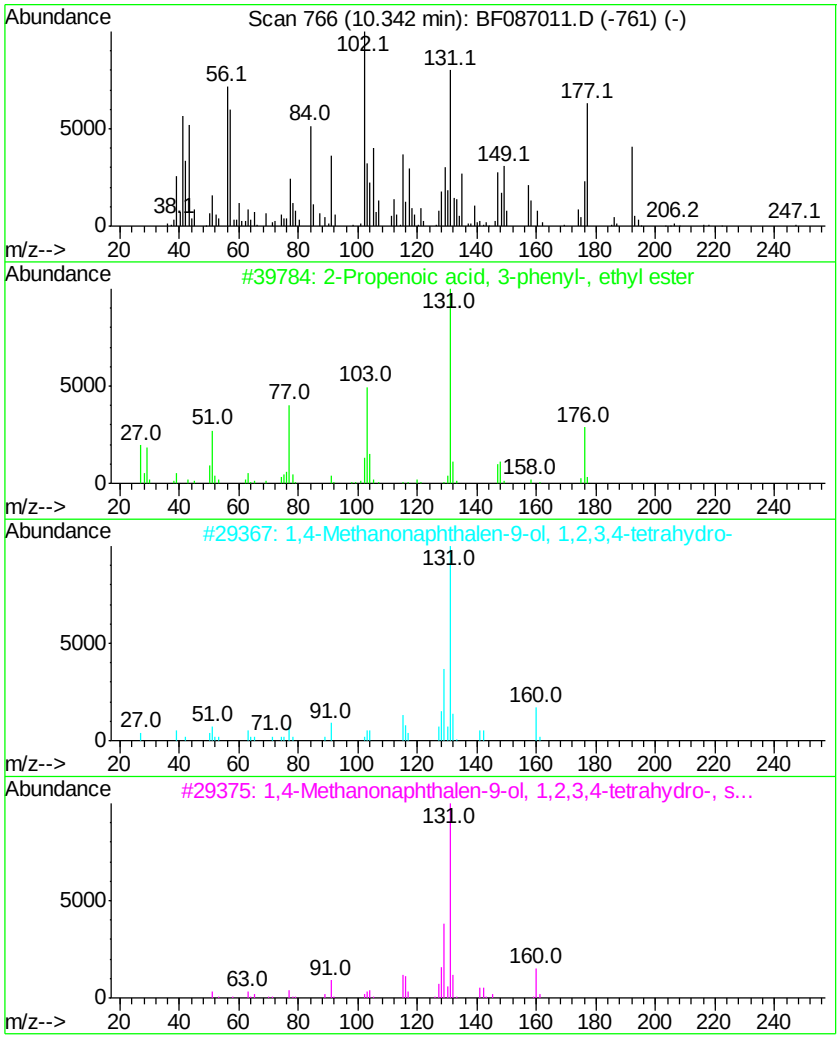
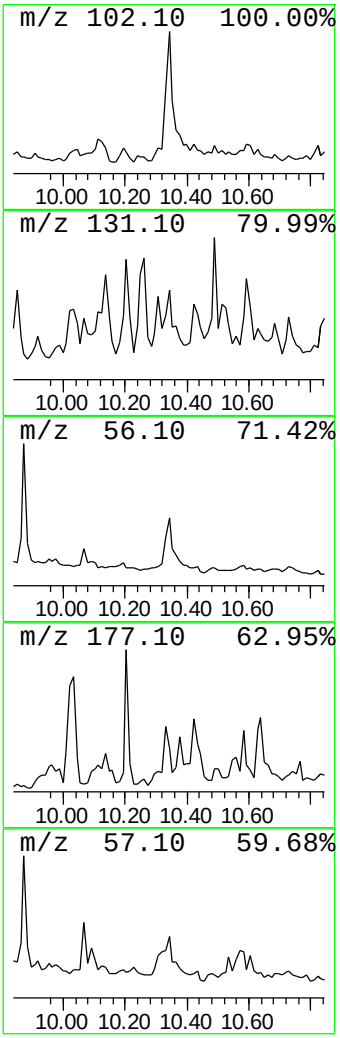
Peak Number 14 unknown10.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	17.19 ng	2213780	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	35
2	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	25
3	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	25
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	20
5	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	15





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Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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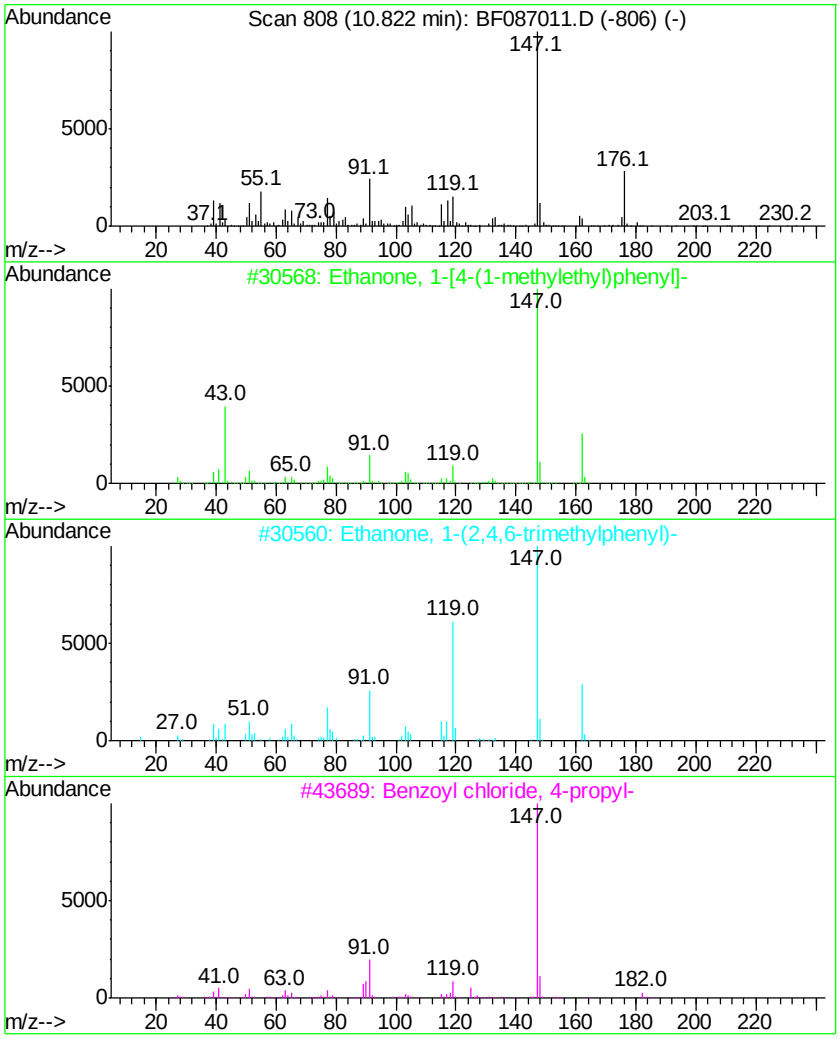
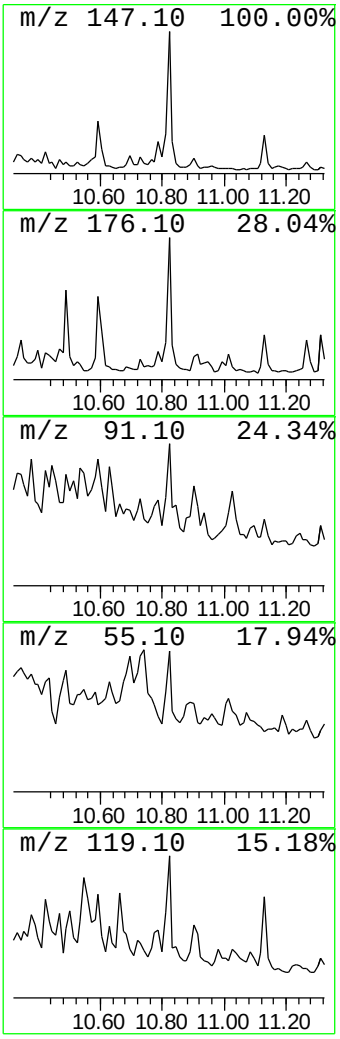
Peak Number 15 Ethanone, 1-[4-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	24.86 ng	2084760	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethyl)ph...	162	C11H14O	000645-13-6	68
2	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	53
3	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	50
4	6-Methoxy-3-methylbenzofuran	162	C10H10O2	029040-52-6	50
5	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	50





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Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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

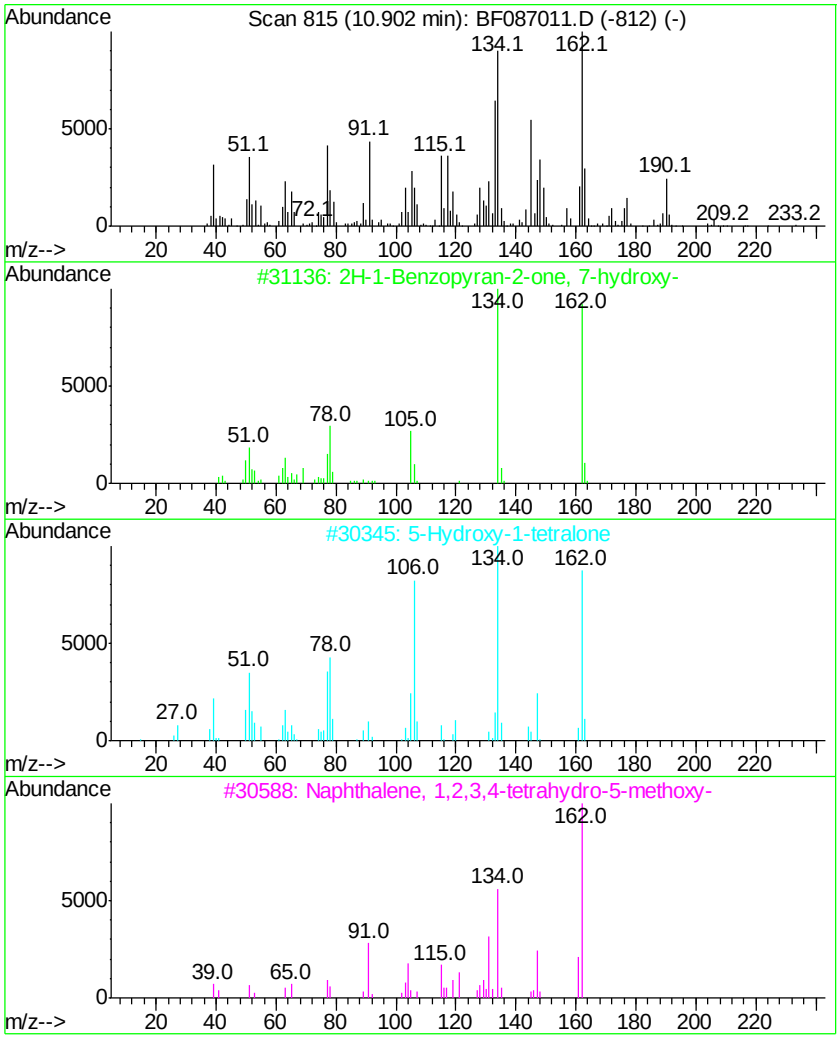
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

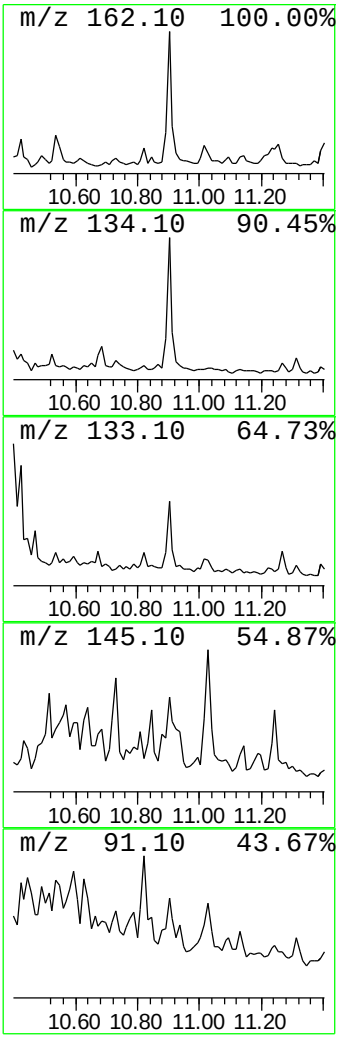
****

Peak Number 16 unknown10.90 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	28.51 ng	2390920	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-hydroxy-	162	C9H6O3	000093-35-6	46
2	5-Hydroxy-1-tetralone	162	C10H10O2	028315-93-7	43
3	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001008-19-1	43
4	2(3H)-Naphthalenone, 4,4a,5,6-te...	162	C11H14O	034545-88-5	38
5	Benzaldehyde, 2-hydroxy-3-(2-pro...	162	C10H10O2	024019-66-7	38





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Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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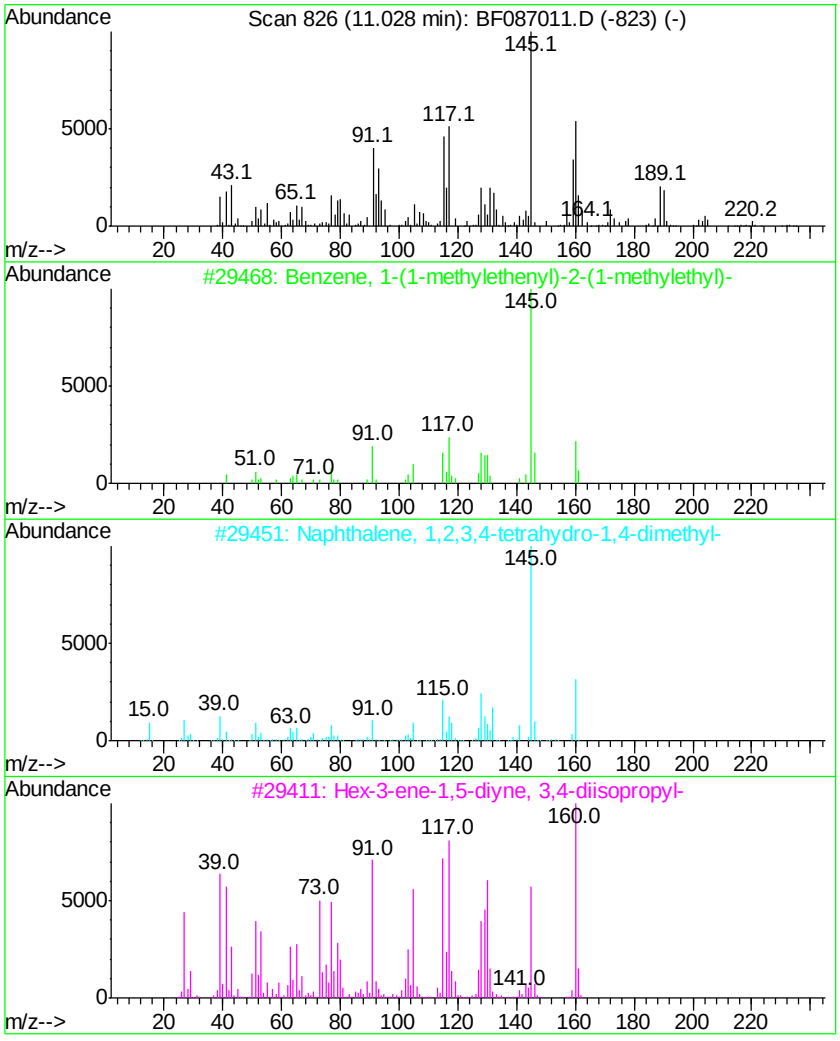
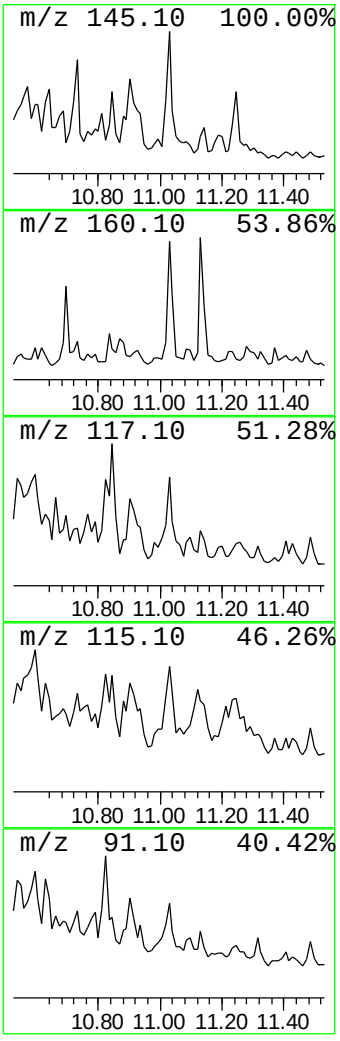
Peak Number 17 Benzene, 1-(1-methylethenyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	17.97 ng	1507290	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
3	Hex-3-ene-1,5-diyne, 3,4-diisopr...	160	C12H16	1000211-22-8	46
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	45
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43





Library Search Compound Report

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Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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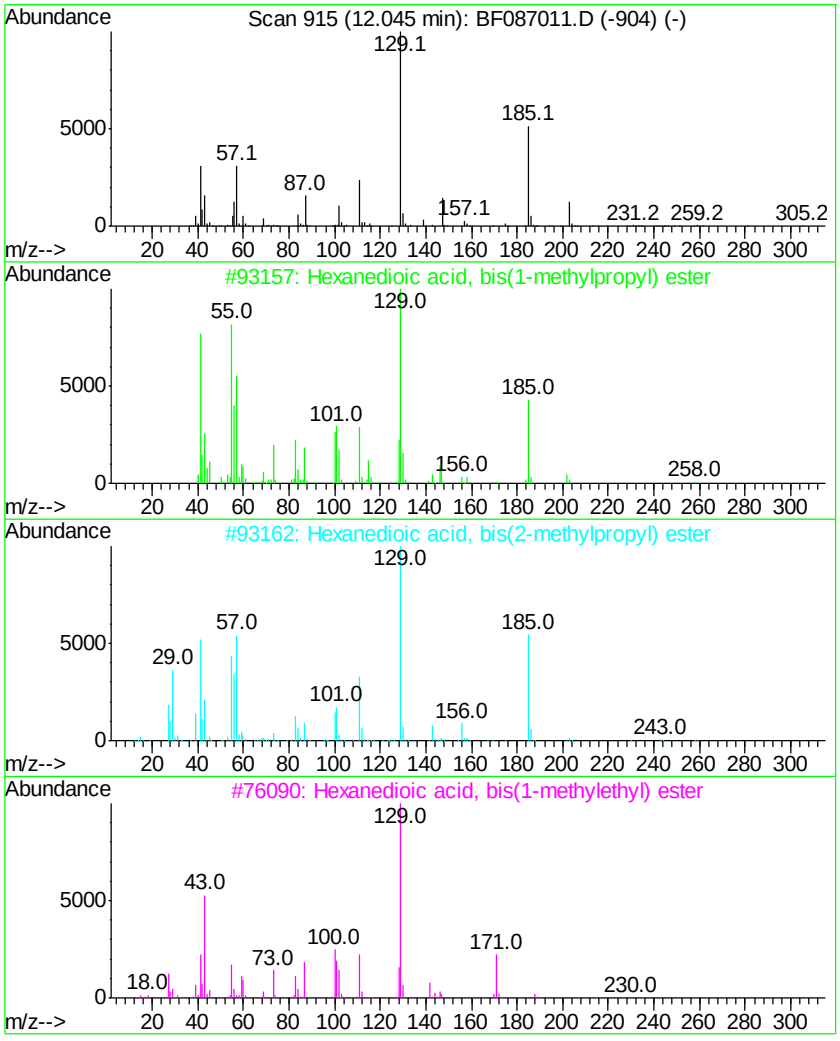
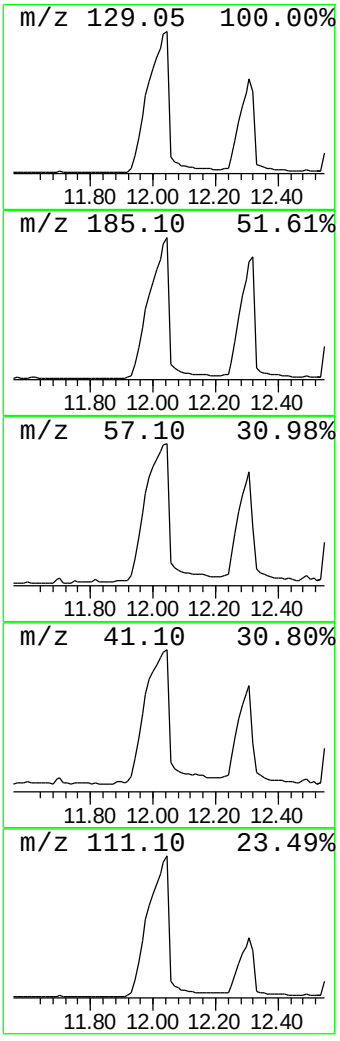
Peak Number 18 Hexanedioic acid, bis(1-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	381.73 ng	32017200	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	64
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	64
3	Hexanedioic acid, bis(1-methylet...	230	C12H22O4	006938-94-9	40
4	Butanedioic acid, 2,3-dimethyl-,...	258	C14H26O4	057983-29-6	40
5	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	40





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Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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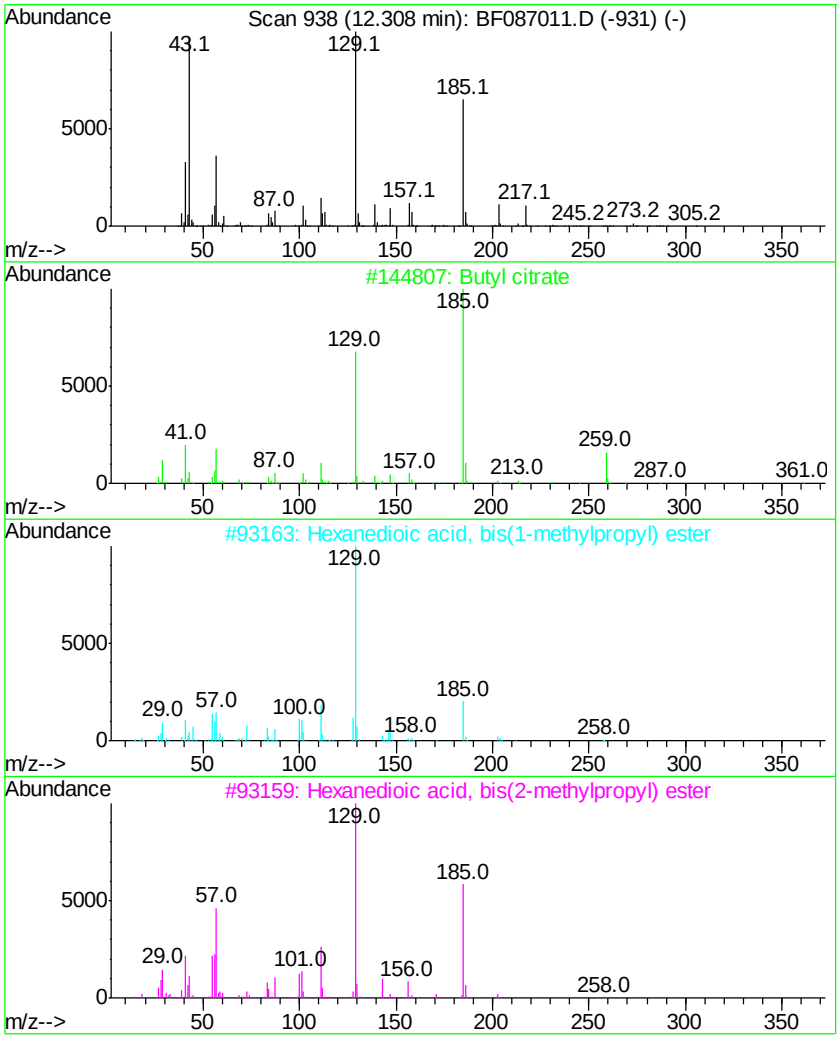
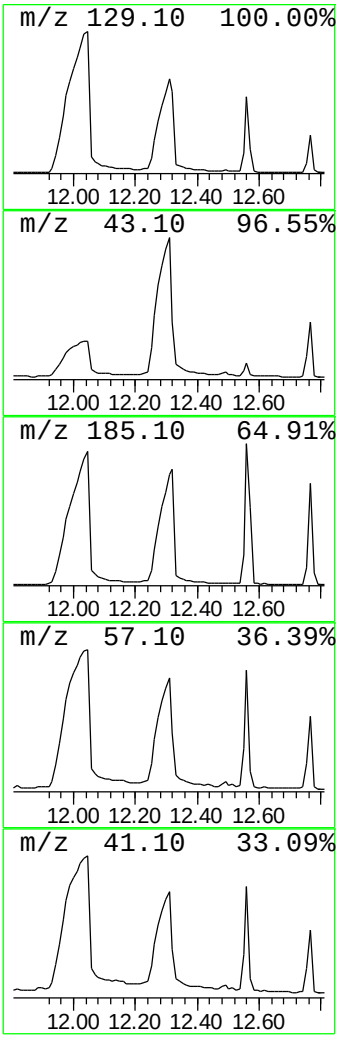
Peak Number 19 unknown12.31 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	221.24 ng	18556500	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	47
2	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	43
3	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	40
4	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	38
5	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087011.D
Acq On : 14 May 2016 10:53
Operator : UM/SJ
Sample : H2947-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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	31.9	ng	3404120	1	6.62	2131650	20.0
Benzene, 1,2,3,5-...	7.64	16.6	ng	3489060	2	7.91	4192790	20.0
6-Octenal, 3,7-di...	8.18	19.8	ng	4158440	2	7.91	4192790	20.0
unknown8.72	8.72	15.6	ng	3261550	2	7.91	4192790	20.0
unknown8.79	8.79	17.0	ng	2192350	3	9.66	2575750	20.0
unknown9.16	9.16	15.5	ng	2001460	3	9.66	2575750	20.0
4-Isopropylphenyl...	9.71	22.9	ng	2953950	3	9.66	2575750	20.0
unknown9.83	9.83	22.2	ng	2860090	3	9.66	2575750	20.0
unknown10.04	10.04	22.6	ng	2904820	3	9.66	2575750	20.0
unknown10.19	10.19	22.9	ng	2956130	3	9.66	2575750	20.0
unknown10.34	10.34	17.2	ng	2213780	3	9.66	2575750	20.0
Ethanone, 1-[4-(1...	10.82	24.9	ng	2084760	4	11.13	1677470	20.0
unknown10.90	10.90	28.5	ng	2390920	4	11.13	1677470	20.0
Benzene, 1-(1-met...	11.03	18.0	ng	1507290	4	11.13	1677470	20.0
Hexanedioic acid,...	12.05	381.7	ng	32017200	4	11.13	1677470	20.0
unknown12.31	12.31	221.2	ng	18556500	4	11.13	1677470	20.0