LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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	1.736	12	13	45	rVB	4586863	9140858	100.00%	5.968%
2	2.536	80	83	85	rBV	68531	116323	1.27%	0.076%
3	4.742	274	276	279	rBV2	76339	122214	1.34%	0.080%
4	4.936	289	293	298	rVV2	43673	194908	2.13%	0.127%
5	5.027	298	301	303	rVV2	58500	170105	1.86%	0.111%
6	5.073	303	305	311	rVV3	135638	286684	3.14%	0.187%
7	5.199	314	316	323	rBV	1198640	1941113	21.24%	1.267%
8	5.302	323	325	328	rVV2	71018	129358	1.42%	0.084%
9	5.347	328	329	333	rVV	270231	402106	4.40%	0.263%
10	5.416	333	335	337	rVV2	109014	183770	2.01%	0.120%
11	5.462	337	339	340	rVV	136380	156469	1.71%	0.102%
12	5.484	340	341	344	rVB	128601	176331	1.93%	0.115%
13	5.622	350	353	356	rVB2	172394	306928	3.36%	0.200%
14	5.747	363	364	367	rVB	144698	139966	1.53%	0.091%
15	5.793	367	368	372	rBV2	97643	231346	2.53%	0.151%
16	5.919	376	379	383	rBV3	81259	191070	2.09%	0.125%
17	6.010	384	387	389	rBV2	158633	239656	2.62%	0.156%
18	6.056	389	391	393	rVB	265850	310880	3.40%	0.203%
19	6.102	393	395	399	rBV	278548	391481	4.28%	0.256%
20	6.170	399	401	403	rBV2	89189	124126	1.36%	0.081%
21	6.205	403	404	406	rBV	344901	326078	3.57%	0.213%
22	6.239	406	407	409	rBV	229340	222458	2.43%	0.145%
23	6.307	409	413	418	rBV2	842121	1735866	18.99%	1.133%
24	6.387	418	420	423	rBV	2729502	3145625	34.41%	2.054%
25	6.433	423	424	425	rVB	195342	133907	1.46%	0.087%
26	6.570	431	436	437	rBV3	545992	915563	10.02%	0.598%
27	6.605	437	439	443	rVB3	869015	1469285	16.07%	0.959%
28	6.673	443	445	446	rVB	312401	382844	4.19%	0.250%
29	6.707	446	448	451	rVB3	202051	353380	3.87%	0.231%
30	6.765	451	453	456	rBV2	3015616	4112014	44.98%	2.684%
31	6.822	456	458	460	rVB2	542767	568230	6.22%	0.371%
32	6.867	460	462	464	rVB	405849	396580	4.34%	0.259%
33	6.913	464	466	467	rBV	90161	110131	1.20%	0.072%
34	6.959	467	470	473	rVB3	428406	1029382	11.26%	0.672%

LSC Area Percent Report

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Sample : H2947-08
Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

35	7.062	473	479	480	rBV4	436464	862284	9.43%	0.563%
36	7.085	480	481	484	rBV2	143248	231441	2.53%	0.151%
37	7.153	484	487	488	rBV2	1146164	1797671	19.67%	1.174%
38	7.188	488	490	493	rVB	2729561	3342495	36.57%	2.182%
39	7.233	493	494	496	rBV2	283111	391154	4.28%	0.255%
40	7.279	496	498	499	rBV	321627	495319	5.42%	0.323%
41	7.302	499	500	502	rBV2	528180	712052	7.79%	0.465%
42	7.393	506	508	510	rBV	1211564	1282860	14.03%	0.838%
43	7.450	512	513	515	rBV2	279403	449817	4.92%	0.294%
44	7.496	515	517	518	rVB	1003453	1013131	11.08%	0.661%
45	7.530	518	520	521	rBV	334126	470071	5.14%	0.307%
46	7.588	521	525	527	rVB3	884826	1773086	19.40%	1.158%
47	7.645	527	530	534	rBV2	2518506	4136072	45.25%	2.700%
48	7.736	534	538	540	rBV2	1896375	3374773	36.92%	2.203%
49	7.782	540	542	545	rBV4	246851	353900	3.87%	0.231%
50	7.828	545	546	547	rVB	327835	224895	2.46%	0.147%
51	7.850	547	548	550	rVB	326329	401181	4.39%	0.262%
52	7.908	550	553	556	rBV3	2106741	5353668	58.57%	3.495%
53	8.045	562	565	568	rBV4	519387	1511146	16.53%	0.987%
54	8.102	568	570	571	rVV2	459835	657504	7.19%	0.429%
55	8.159	571	575	577	rVV3	1765541	3713338	40.62%	2.424%
56	8.273	581	585	588	rVV6	1349224	3844679	42.06%	2.510%
57	8.353	588	592	593	rVV3	632908	1352960	14.80%	0.883%
58	8.410	595	597	598	rVV2	1572665	2157124	23.60%	1.408%
59	8.456	598	601	604	rVB3	1380732	3176654	34.75%	2.074%
60	8.513	604	606	607	rVB	582777	595389	6.51%	0.389%
61	8.570	609	611	613	rBV2	940994	1917266	20.97%	1.252%
62	8.616	613	615	619	rVB3	2977940	3922039	42.91%	2.560%
63	8.696	619	622	623	rBV2	1475731	3020422	33.04%	1.972%
64	8.719	623	624	627	rVB	2111572	2877911	31.48%	1.879%
65	8.811	627	632	634	rBV4	1057698	3464188	37.90%	2.262%
66	8.936	641	643	646	rBV2	2111758	3492292	38.21%	2.280%
67	8.993	646	648	649	rVV	3233827	3880477	42.45%	2.533%
68	9.016	649	650	654	rVB4	2086268	4373525	47.85%	2.855%
69	9.085	654	656	658	rBV2	1278151	2202787	24.10%	1.438%
70	9.131	658	660	662	rVB3	762630	1074629	11.76%	0.702%
71	9.176	662	664	666	rBV3	953799	1675318	18.33%	1.094%

LSC Area Percent Report

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Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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
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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	9.325	673	677	681	rVB5	1984761	5290742	57.88%	3.454%
73	9.393	681	683	684	rBV	1197379	1470870	16.09%	0.960%
74	9.428	684	686	687	rVV2	719377	761689	8.33%	0.497%
75	9.656	705	706	709	rVB2	1180354	1180294	12.91%	0.771%
76	9.725	710	712	717	rVB6	1614017	3678812	40.25%	2.402%
77	9.805	717	719	720	rBV2	659241	685116	7.50%	0.447%
78	9.896	725	727	729	rBV2	463061	730721	7.99%	0.477%
79	9.931	729	730	733	rVB3	730203	1011114	11.06%	0.660%
80	10.102	739	745	747	rBV4	1658423	6153839	67.32%	4.017%
81	10.205	751	754	756	rBV2	1486921	2189889	23.96%	1.430%
82	10.274	758	760	762	rBV	958923	1599024	17.49%	1.044%
83	10.456	773	776	778	rVB2	2592740	3594329	39.32%	2.347%
84	10.502	778	780	783	rBV3	1152653	2060206	22.54%	1.345%
85	10.571	784	786	791	rVB4	1022654	1963961	21.49%	1.282%
86	10.651	791	793	795	rBV2	1003948	1154537	12.63%	0.754%
87	10.685	795	796	798	rBV2	1083451	1574729	17.23%	1.028%
88	10.822	807	808	811	rBV3	535411	768757	8.41%	0.502%
89	11.028	823	826	827	rBV2	741610	1170495	12.81%	0.764%
90	11.142	834	836	838	rVB	937667	1240965	13.58%	0.810%
91	11.702	884	885	890	rVB	868974	1140835	12.48%	0.745%
92	11.919	902	904	910	rVB	885564	1316000	14.40%	0.859%
93	12.377	942	944	950	rVB5	171271	401577	4.39%	0.262%
94	12.468	950	952	954	rBV	856052	1027508	11.24%	0.671%
95	12.719	971	974	976	rVB	2799478	3158516	34.55%	2.062%
96	13.497	1040	1042	1047	rBV2	210192	299738	3.28%	0.196%
97	13.611	1050	1052	1059	rVB	217474	335544	3.67%	0.219%
98	13.748	1062	1064	1067	rVB	672852	861498	9.42%	0.562%
99	14.377	1117	1119	1125	rVB2	113090	153600	1.68%	0.100%
100	15.108	1181	1183	1186	rBV	604030	769361	8.42%	0.502%

Sum of corrected areas: 153176819

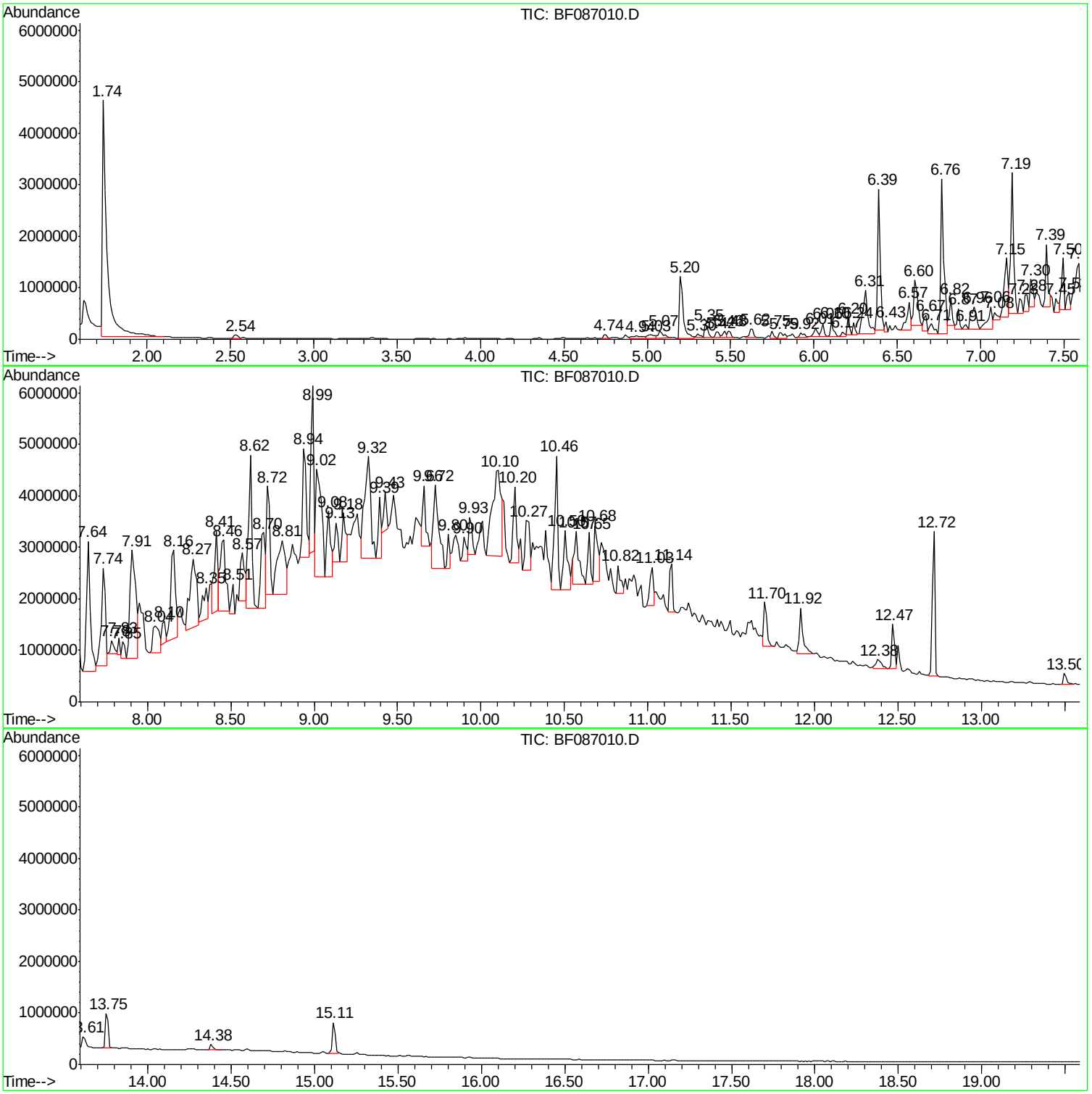
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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 : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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

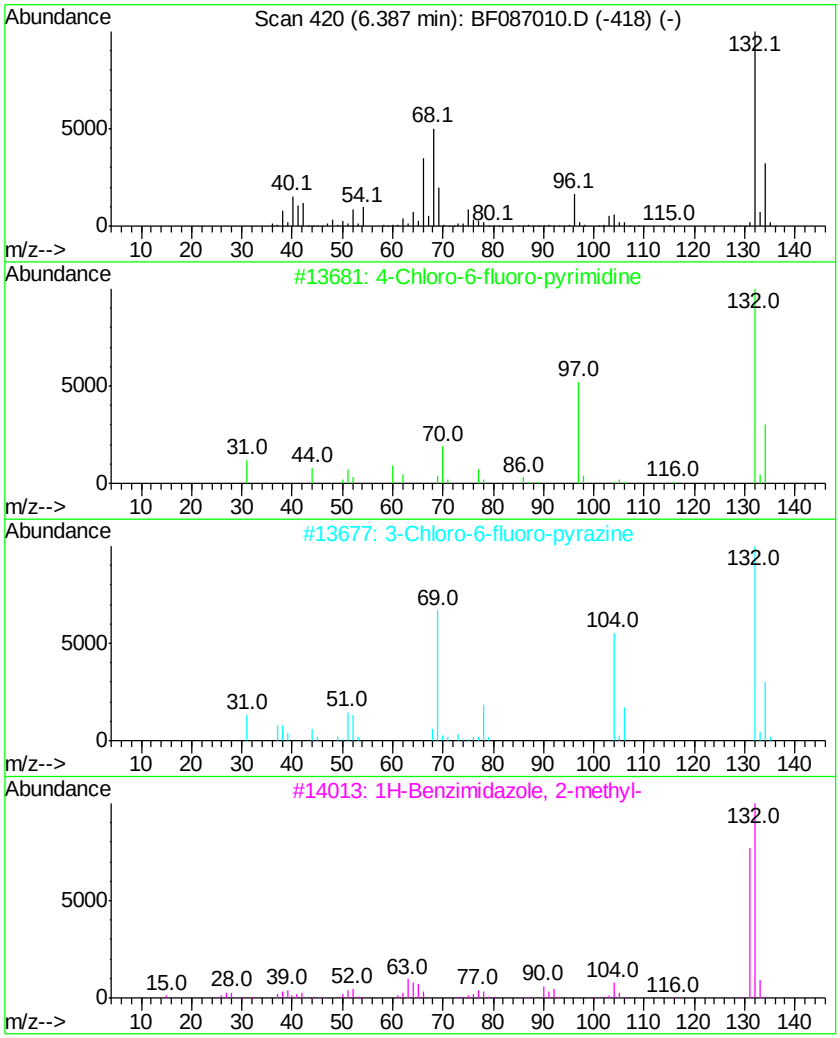
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

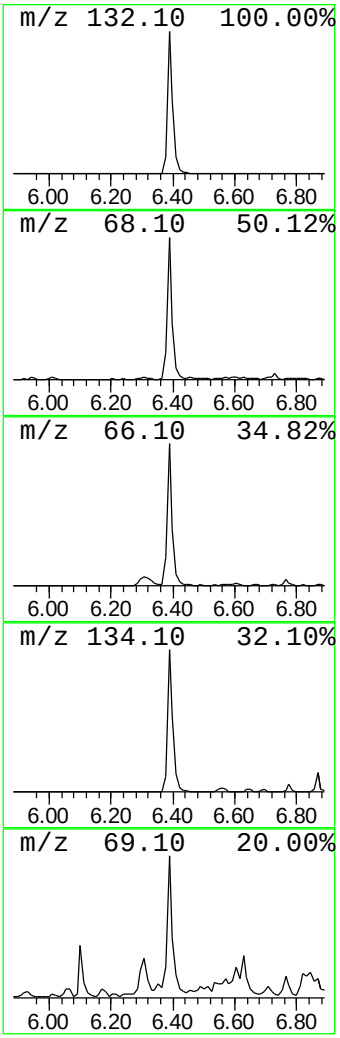
****

Peak Number 2 unknown6.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	42.82 ng	3145630	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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

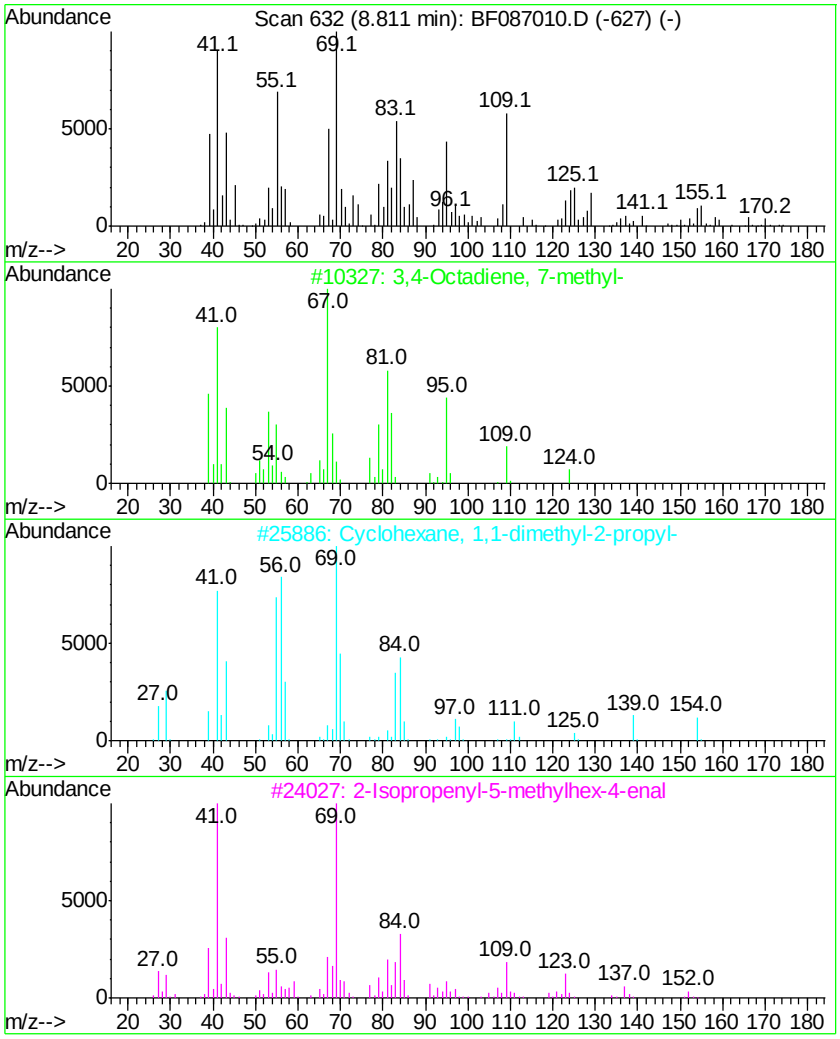
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

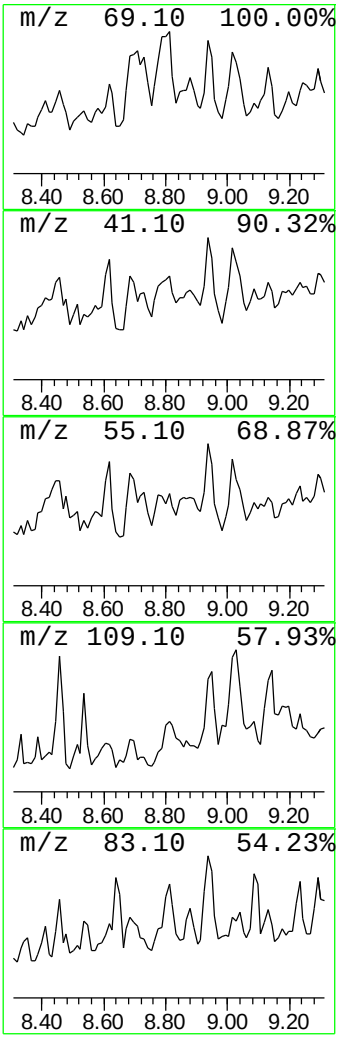
****

Peak Number 4 unknown8.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	58.70 ng	3464190	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	35
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	30
3	2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	30
4	2-Pentenoic acid, 4,4-dimethyl-,...	142	C8H14O2	016812-85-4	27
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	25





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Sample : H2947-08
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Instrument : BNA_F
ClientSampleId : MW-3

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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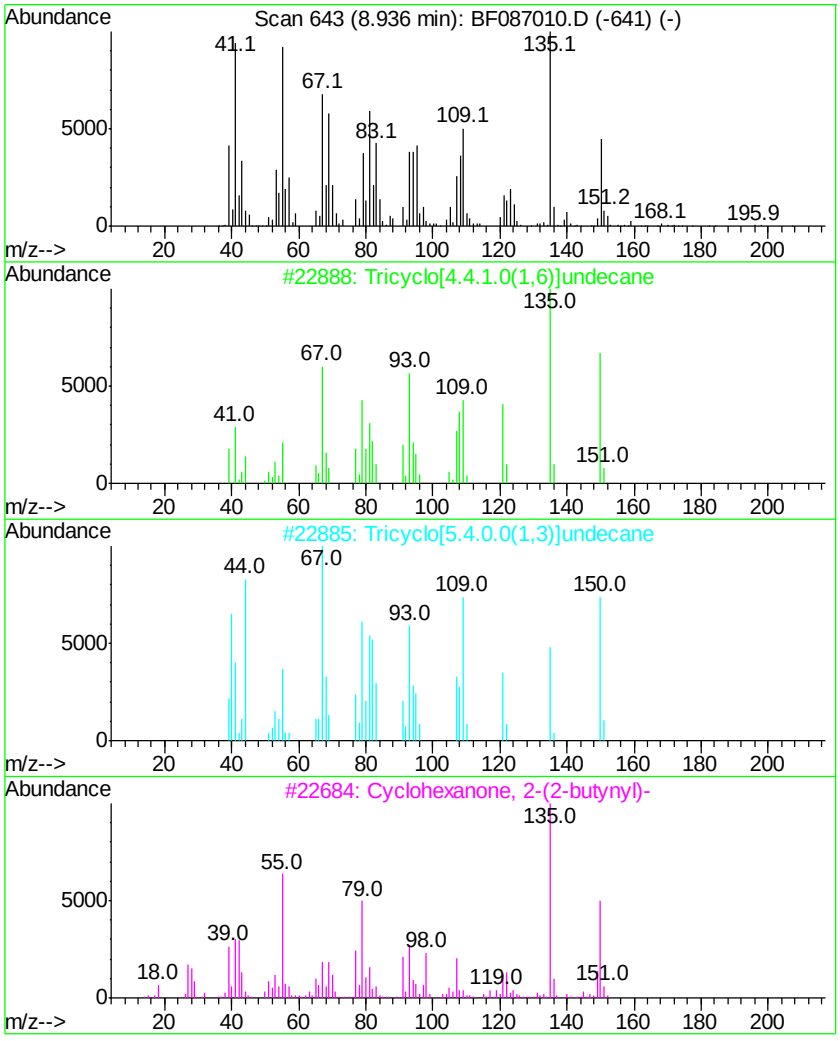
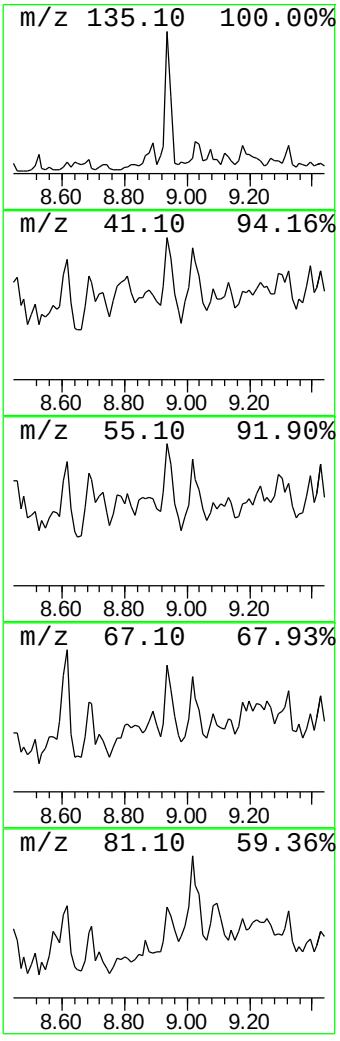
Peak Number 5 Tricyclo[4.4.1.0(1,6)]undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	59.18 ng	3492290	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.1.0(1,6)]undecane	150	C11H18	006571-73-9	78
2	Tricyclo[5.4.0.0(1,3)]undecane	150	C11H18	1000280-74-7	45
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	42
4	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	38
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	30





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Data File : BF087010.D
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Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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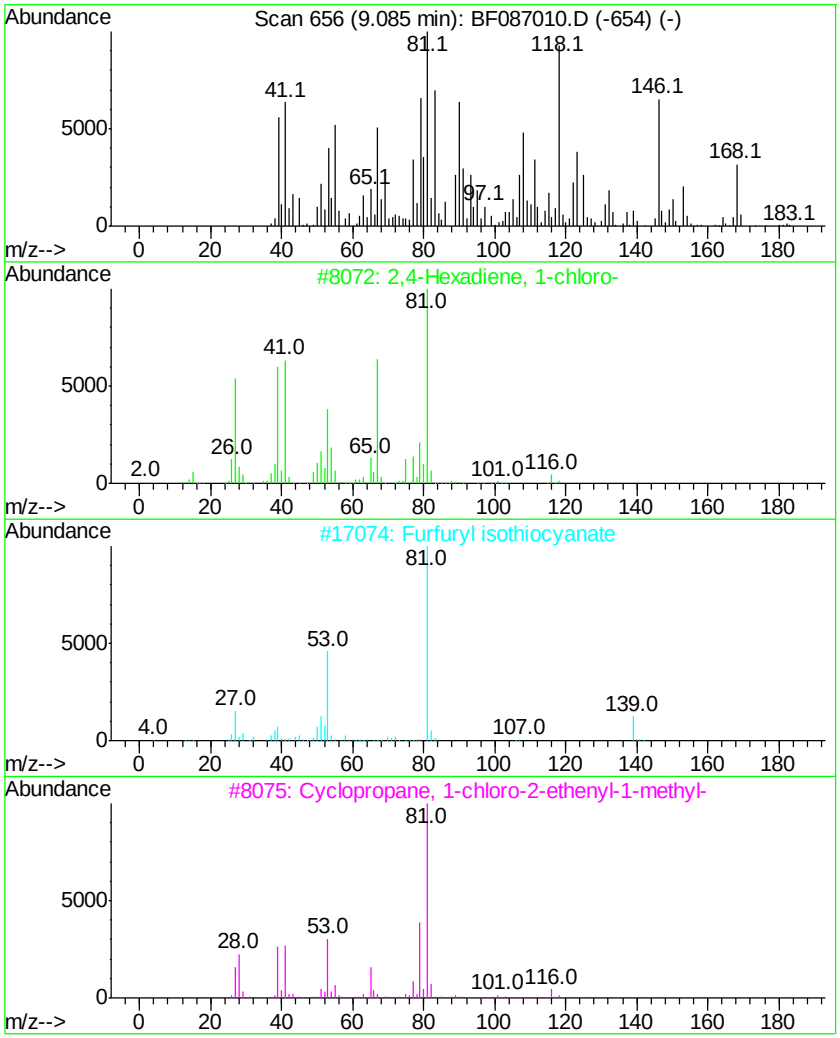
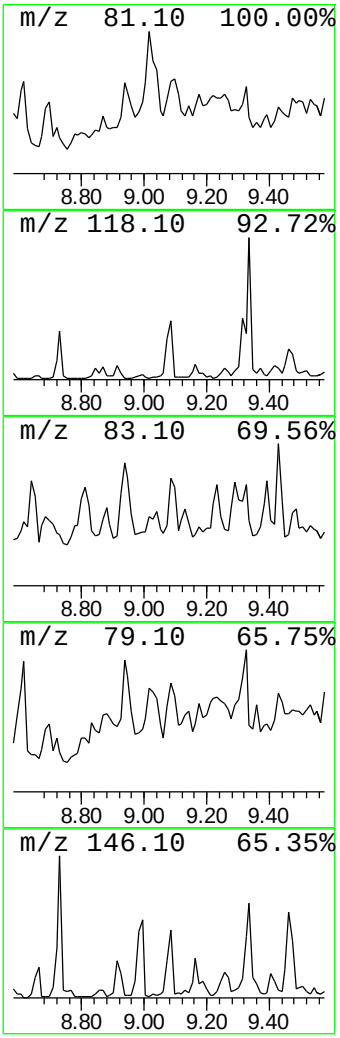
Peak Number 6 unknown9.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	37.33 ng	2202790	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 1-chloro-	116	C6H9Cl	034632-89-8	38
2	Furfuryl isothiocyanate	139	C6H5NOS	004650-60-6	38
3	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	38
4	N-(2-Cyano-ethyl)-N-furan-2-ylme...	228	C9H12N2O3S	1000296-79-1	38
5	1H-Pyrrole, 1-(2-furanylmethyl)-	147	C9H9NO	001438-94-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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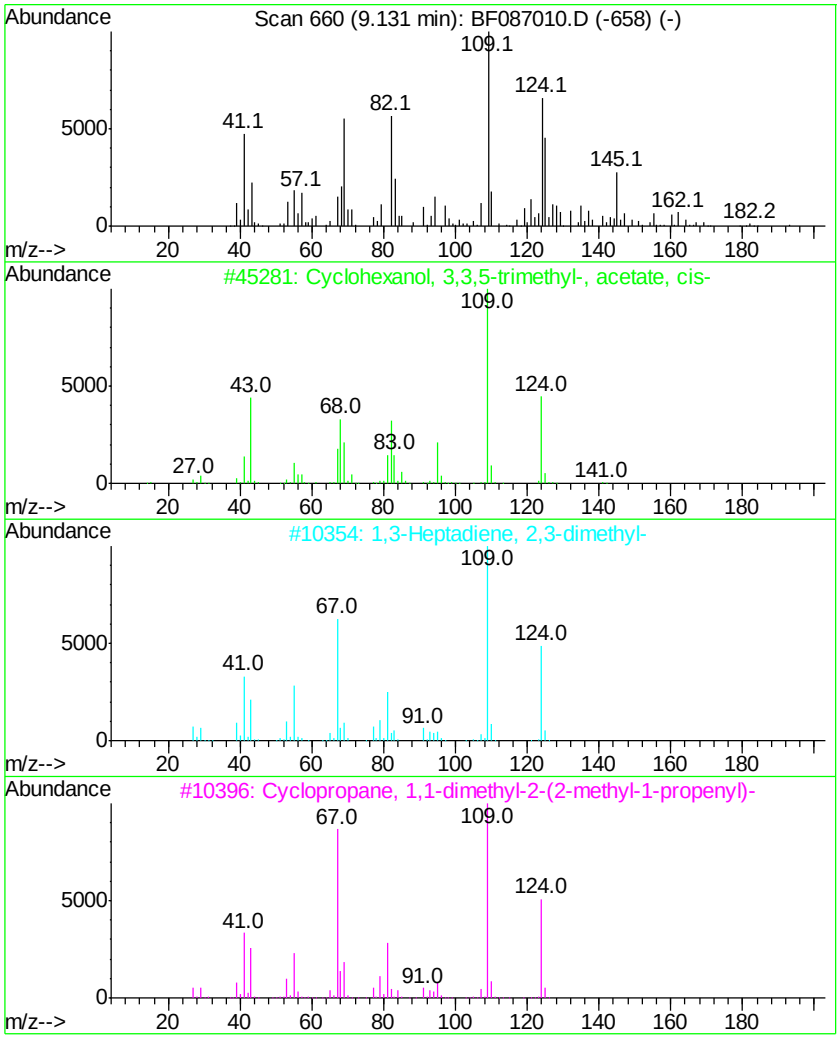
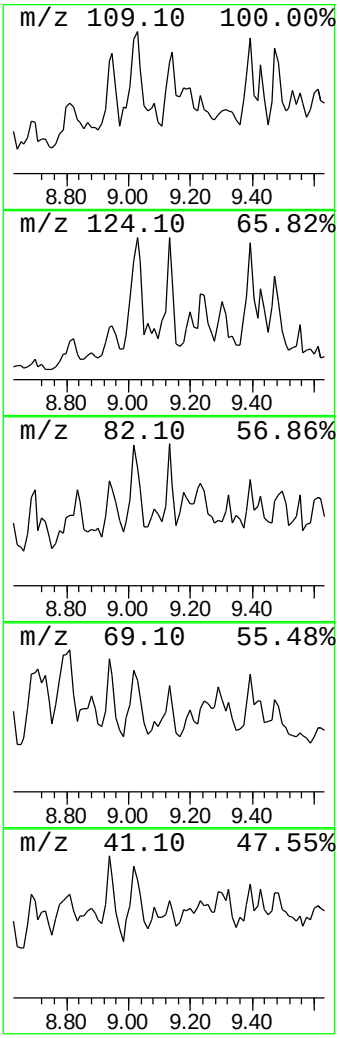
Peak Number 7 unknown9.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	18.21 ng	1074630	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	47
2	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	38
3	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	38
4	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	38
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	35





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Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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

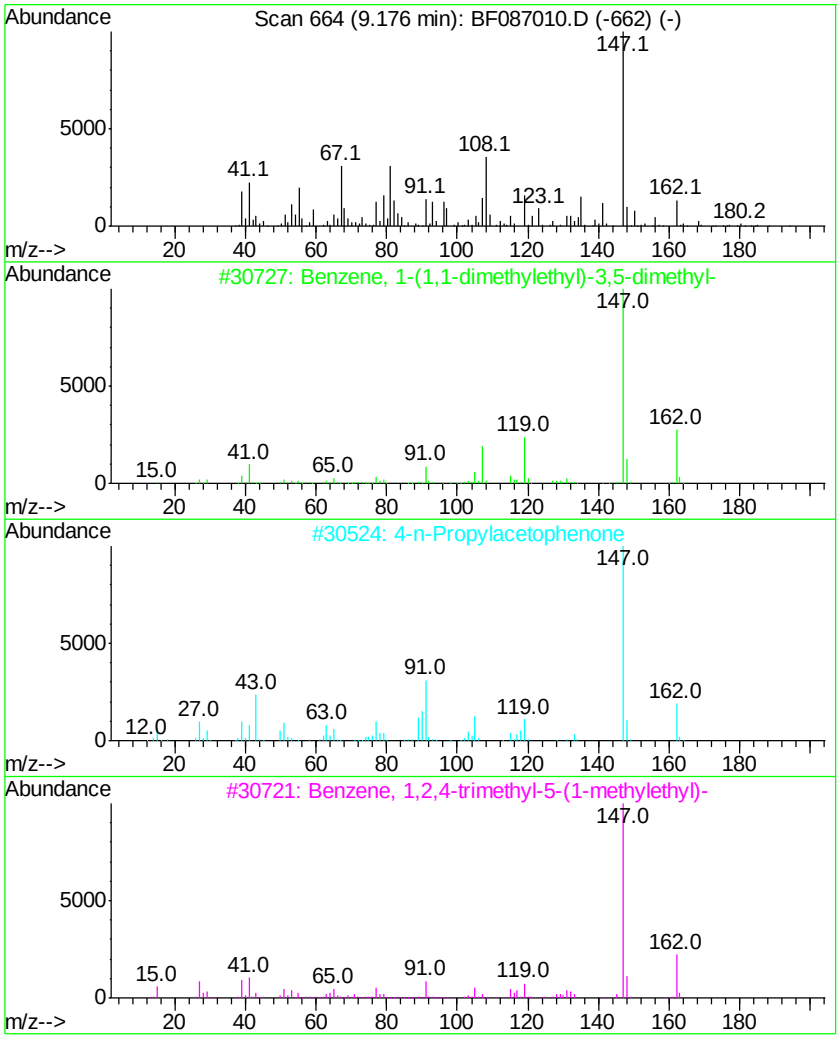
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

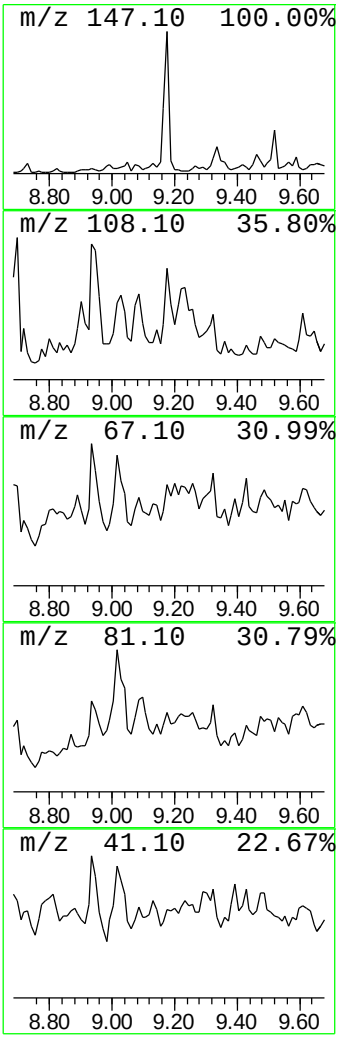
****

Peak Number 8 Benzene, 1-(1,1-dimethyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	28.39 ng	1675320	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	50
2	4-n-Propylacetophenone	162	C11H14O	002932-65-2	49
3	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	49
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	47
5	Ethanone, 1-[4-(1-methylethyl)ph...	162	C11H14O	000645-13-6	47





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Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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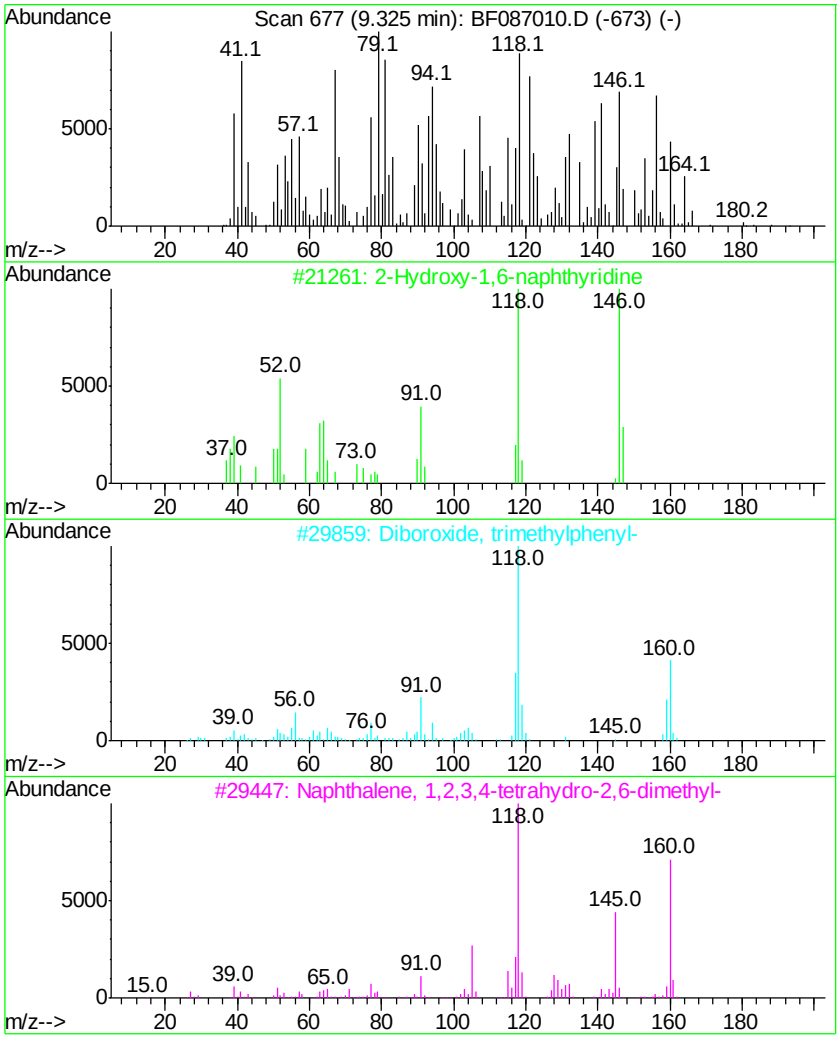
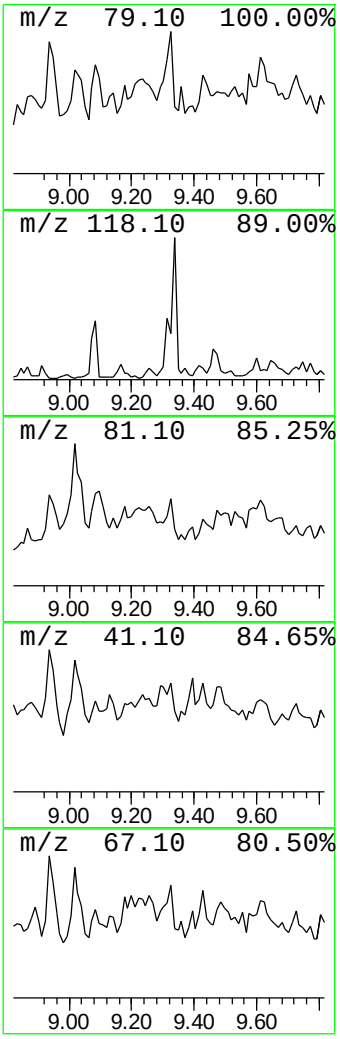
Peak Number 9 unknown9.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	89.65 ng	5290740	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-1,6-naphthyridine	146	C8H6N2O	023616-29-7	25
2	Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	14
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	14
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	14
5	2-Propenoic acid, 3-(2-hydroxyph...	178	C10H10O3	020883-98-1	11





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Acq On : 14 May 2016 10:24
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Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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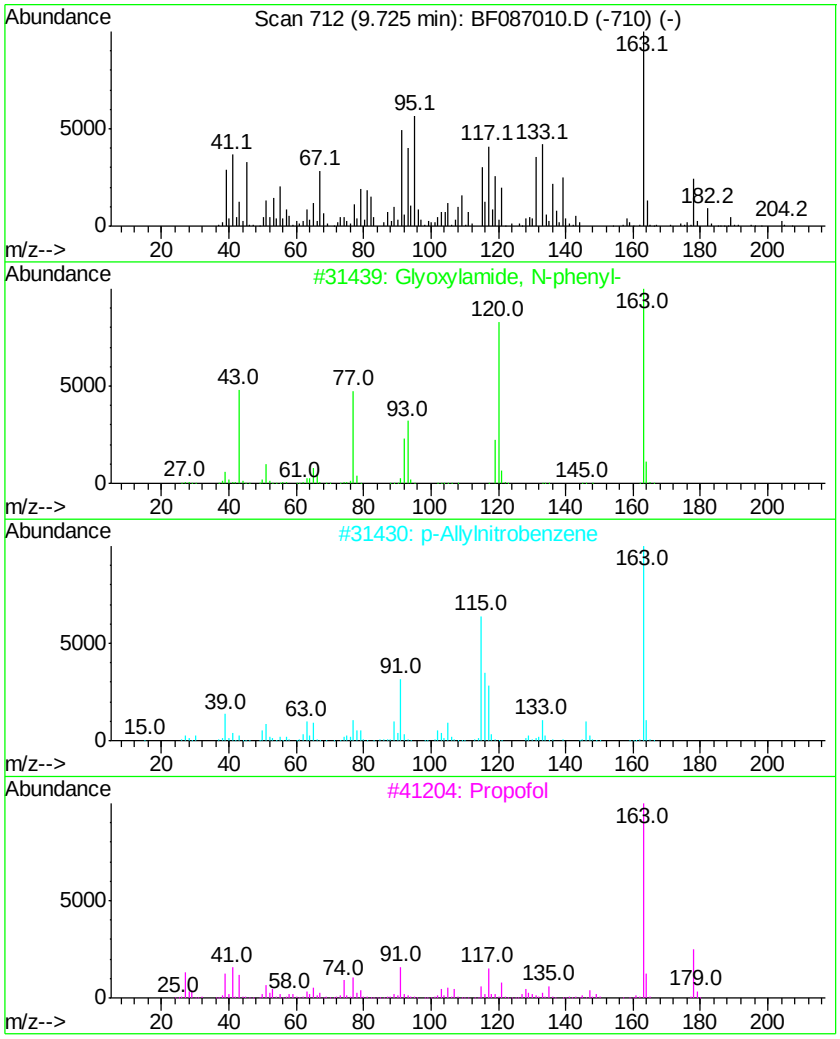
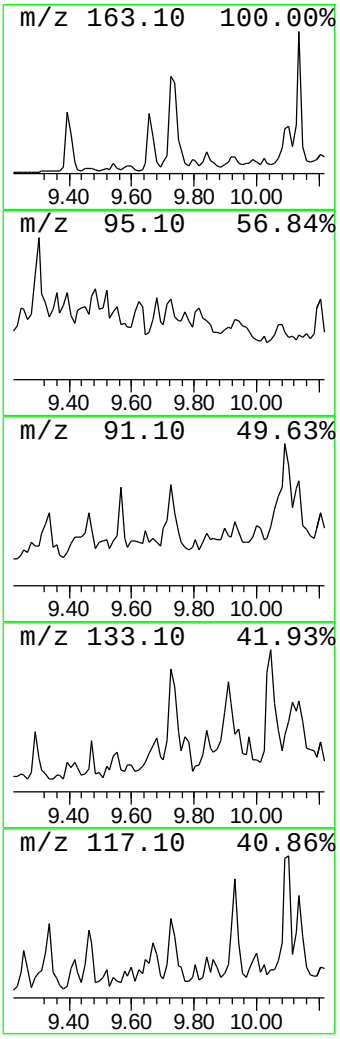
Peak Number 10 unknown9.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	62.34 ng	3678810	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	38
2	p-Allylnitrobenzene	163	C9H9NO2	053483-17-3	30
3	Propofol	178	C12H18O	002078-54-8	18
4	Silane, triethoxymethyl-	178	C7H18O3Si	002031-67-6	16
5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	14





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Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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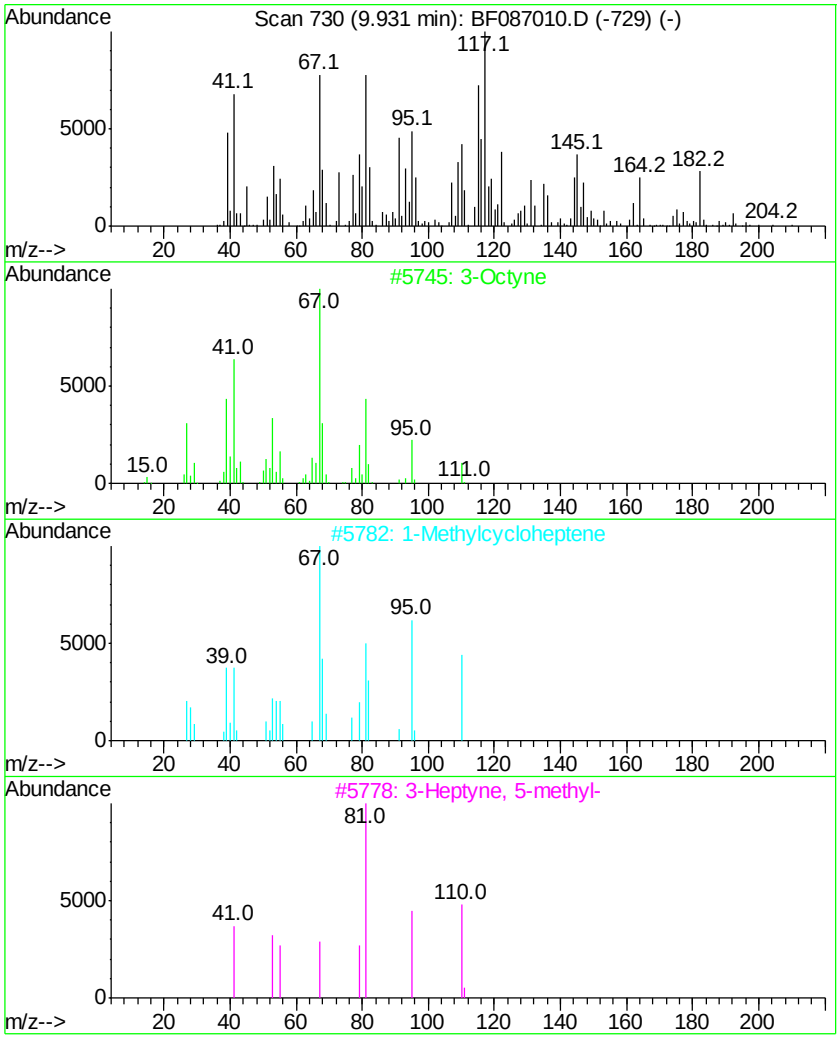
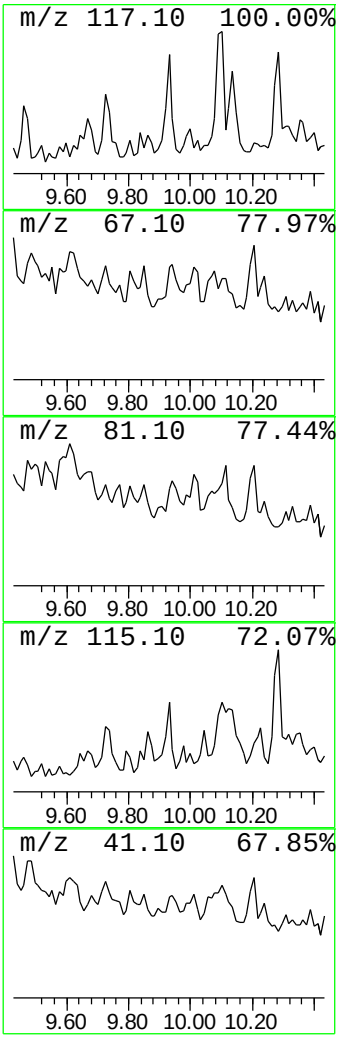
Peak Number 11 unknown9.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	17.13 ng	1011110	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne	110	C8H14	015232-76-5	38
2	1-Methylcycloheptene	110	C8H14	055308-20-8	30
3	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	25
4	1,5,9,13-Tetradecatetraene	190	C14H22	051487-38-8	25
5	Bicyclo[2.2.1]hept-2-en-7-ol	110	C7H10O	053783-87-2	25





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Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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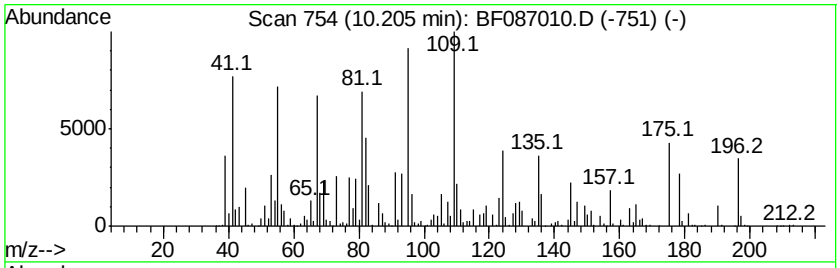
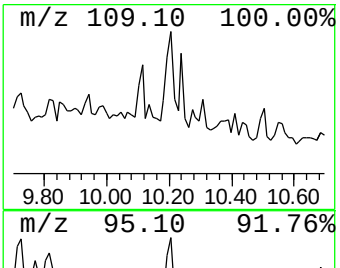
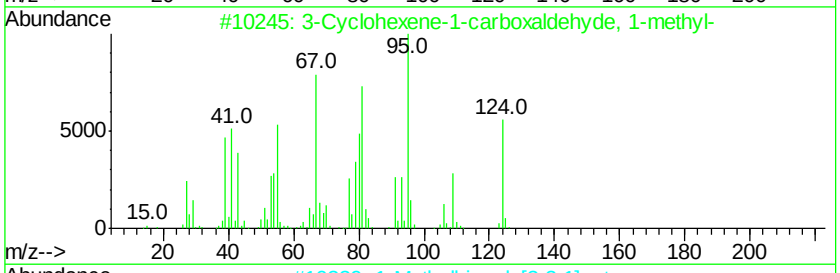
Peak Number 12 3-Cyclohexene-1-carboxaldeh... Concentration Rank 9

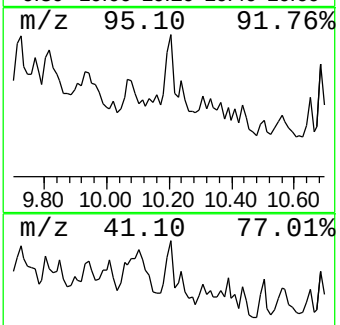
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	37.11 ng	2189890	Acenaphthene-d10	9.66

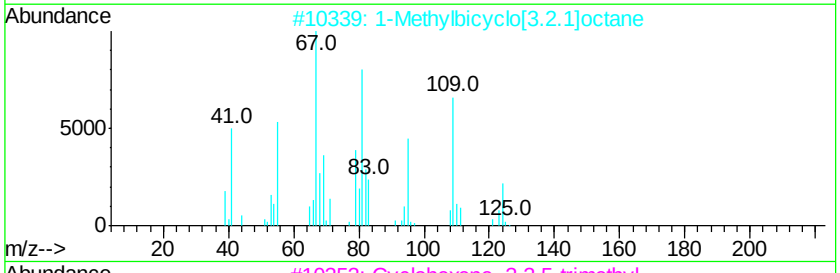
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	51
2	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	45
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	43
4	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	42
5	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	38

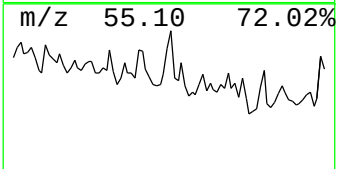


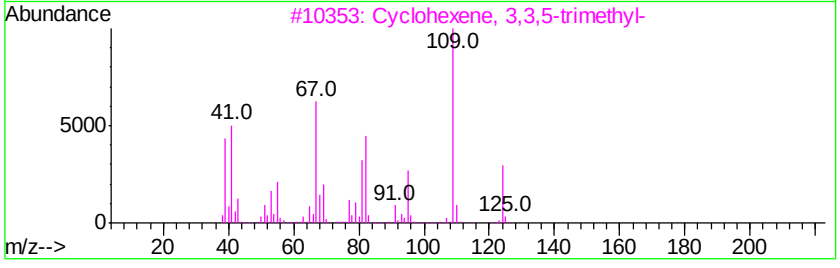


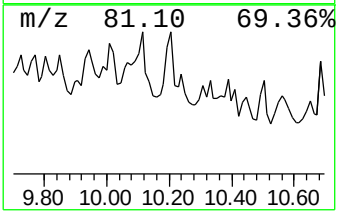












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Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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

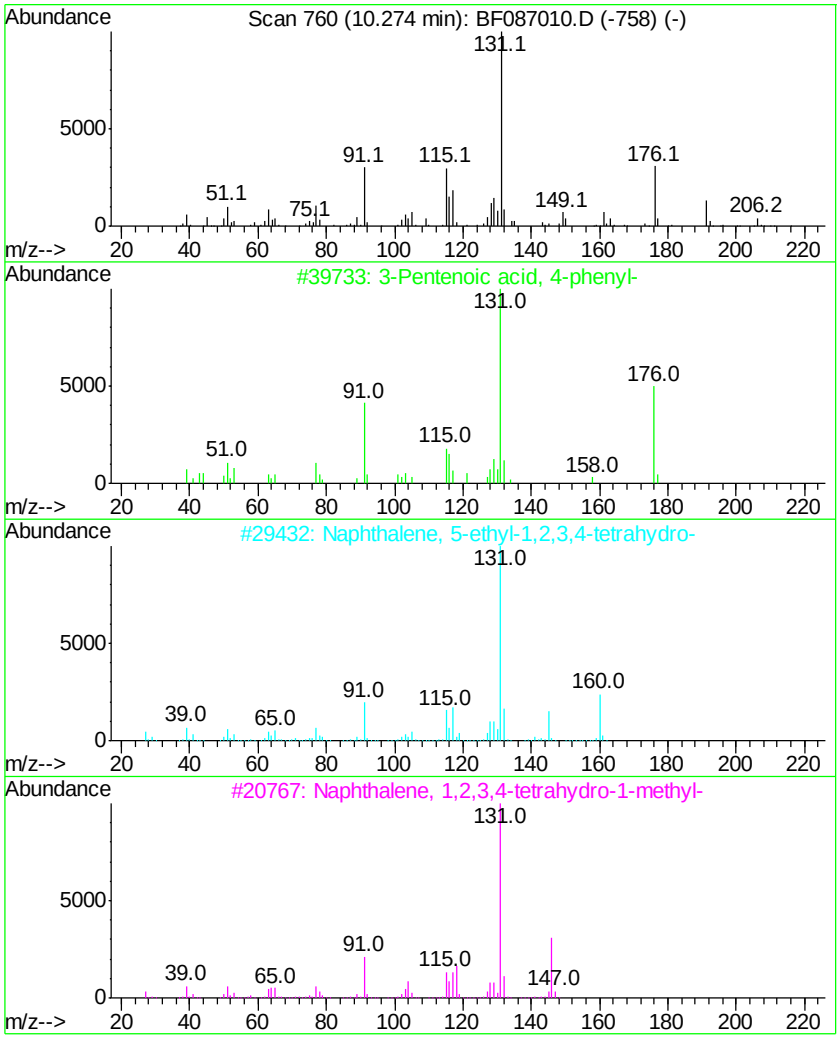
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

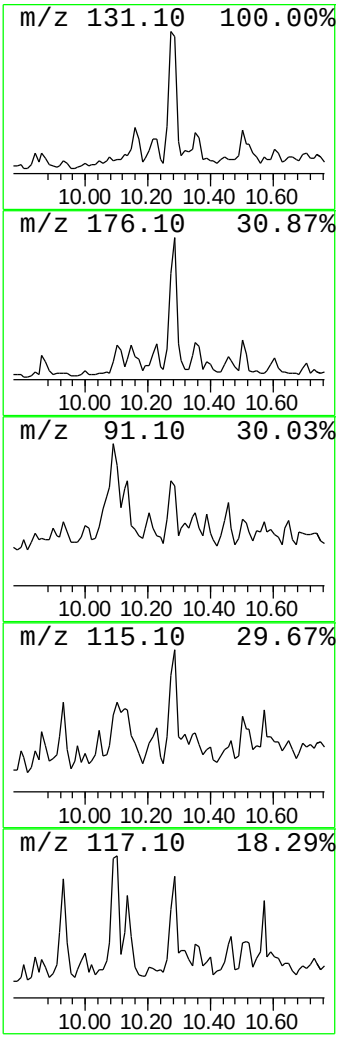
****

Peak Number 13 3-Pentenoic acid, 4-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	27.10 ng	1599020	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	68
2	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	53
4	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	53
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	50





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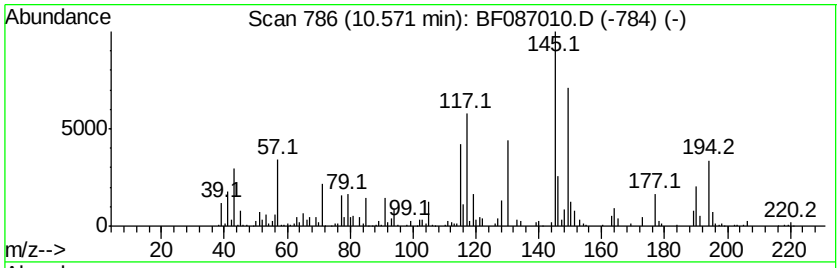
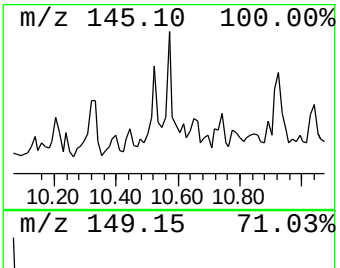
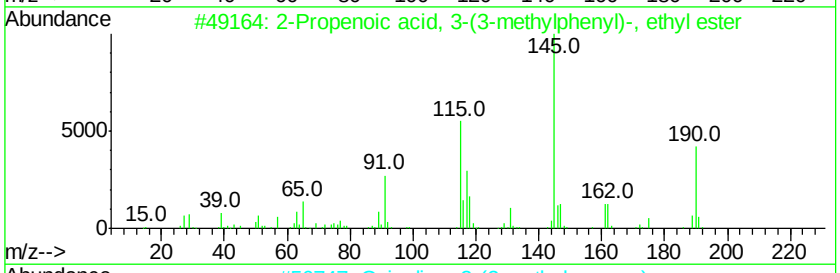
Peak Number 14 unknown10.57 Concentration Rank 10

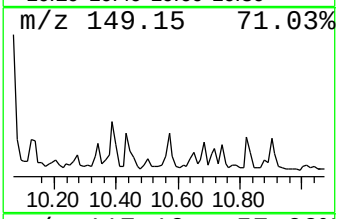
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	31.65 ng	1963960	Phenanthrene-d10	11.14

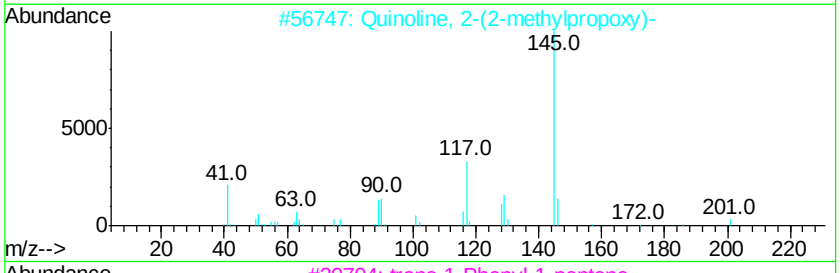
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	38
2	Quinoline, 2-(2-methylpropoxy)-	201	C13H15NO	056273-37-1	27
3	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	20
4	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	16
5	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	14

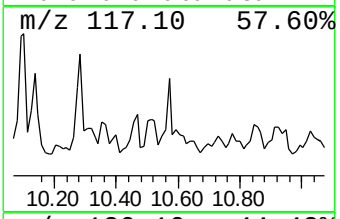


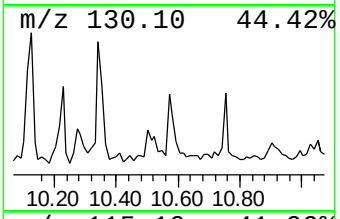


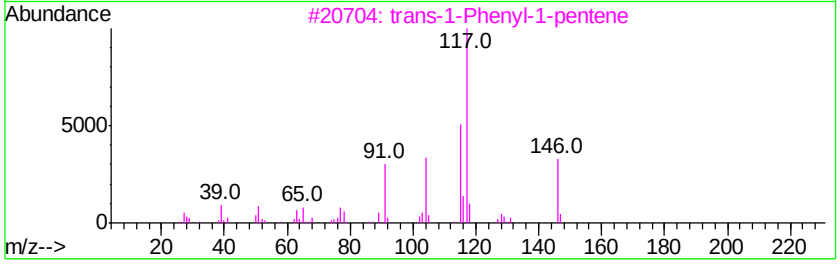


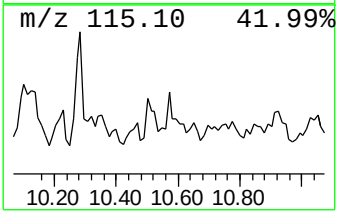












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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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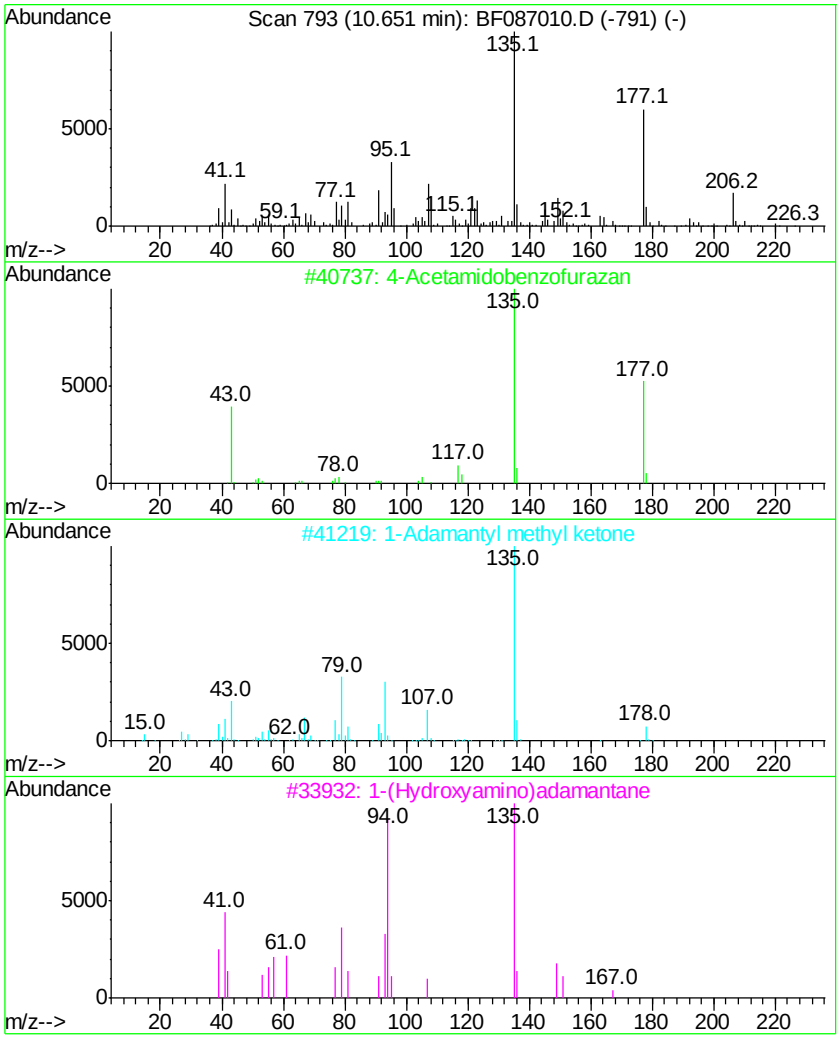
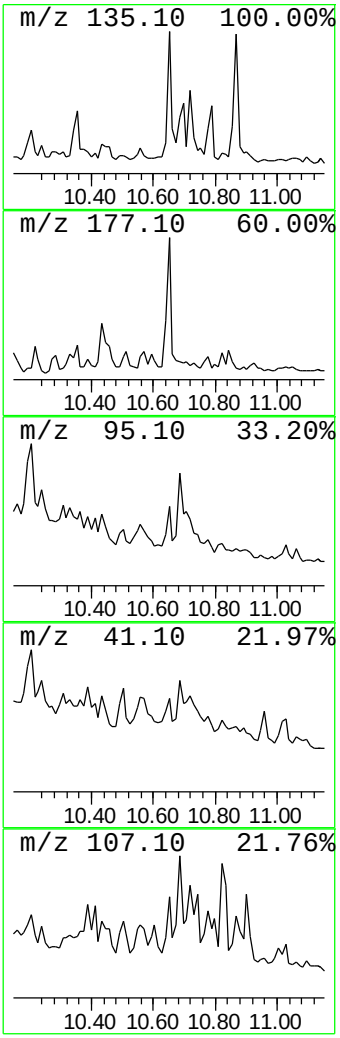
Peak Number 15 4-Acetamidobenzofurazan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	18.61 ng	1154540	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetamidobenzofurazan	177	C8H7N3O2	289650-01-7	52
2	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	46
3	1-(Hydroxyamino)adamantane	167	C10H17NO	031463-23-7	43
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	43
5	4'-Butoxy-2'-methylacetophenone	206	C13H18O2	1000195-98-2	43





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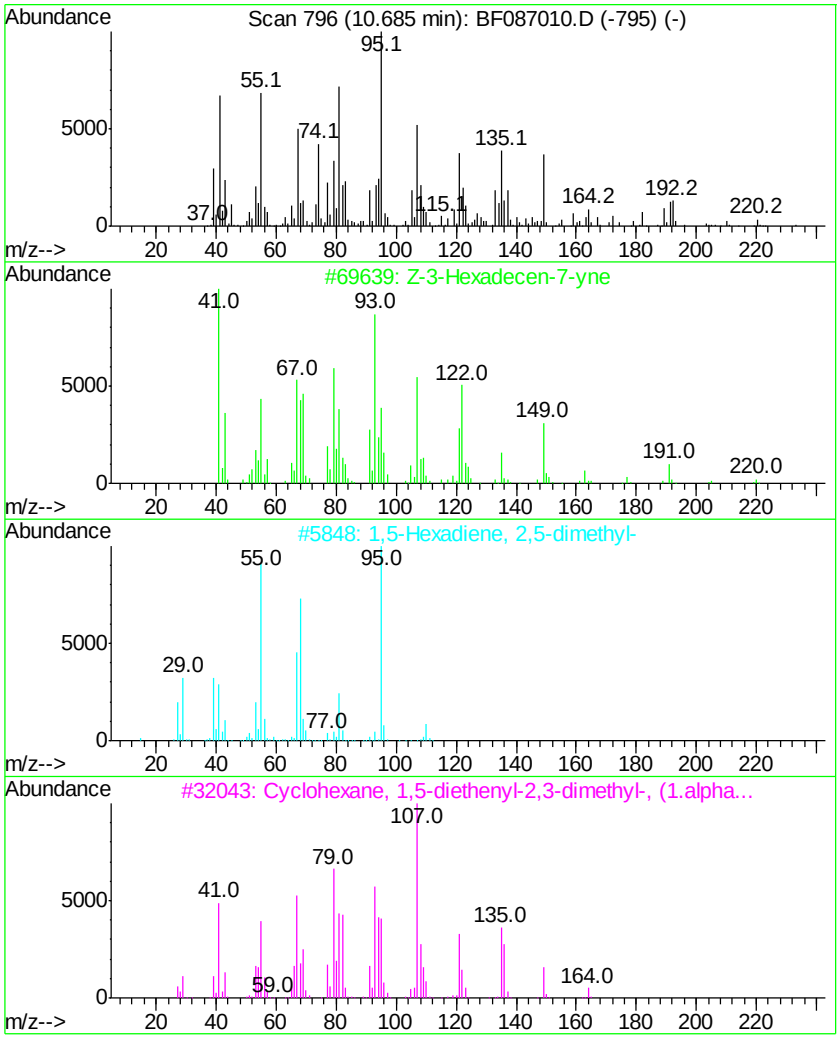
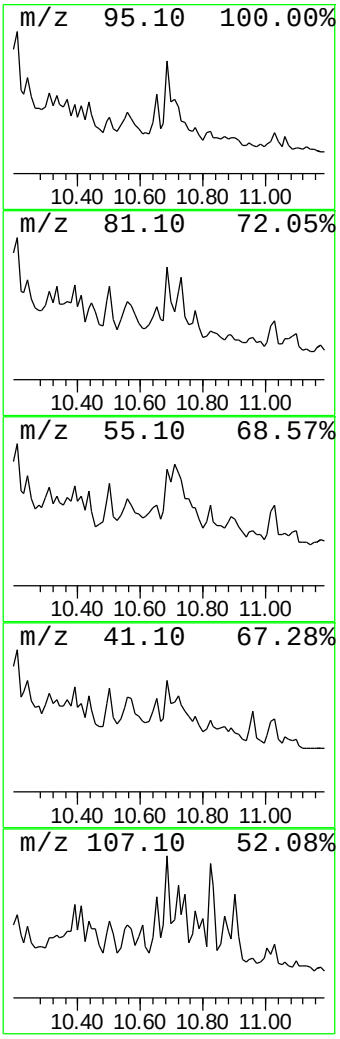
Peak Number 16 unknown10.69 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	25.38 ng	1574730	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-3-Hexadecen-7-yne	220	C16H28	1000130-91-3	43
2	1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	30
3	Cyclohexane, 1,5-diethenyl-2,3-d...	164	C12H20	068779-12-4	30
4	Methyl santolinate	182	C11H18O2	053163-37-4	27
5	Phenanthrene, tetradecahydro-	192	C14H24	005743-97-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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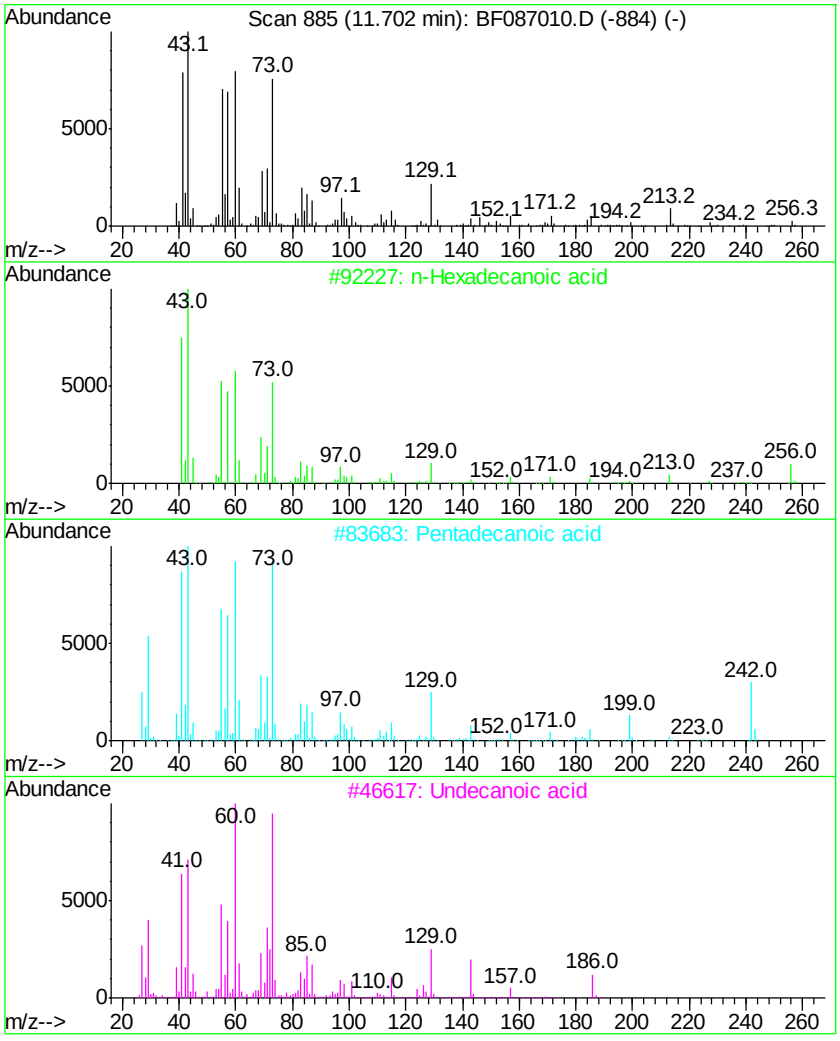
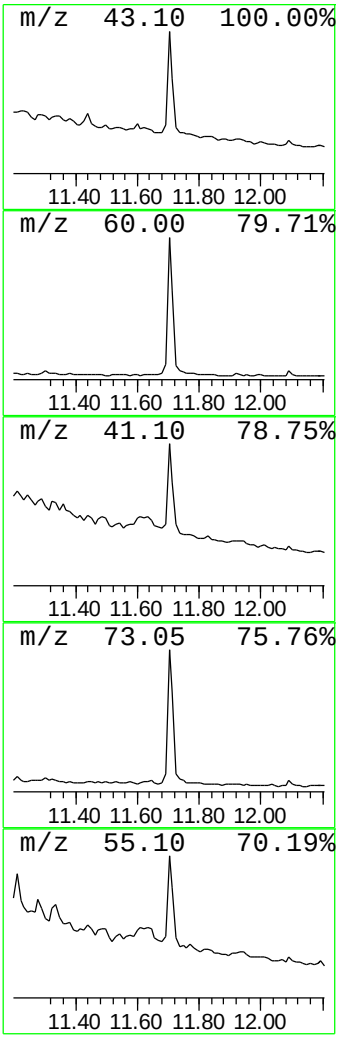
Peak Number 18 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	18.39 ng	1140840	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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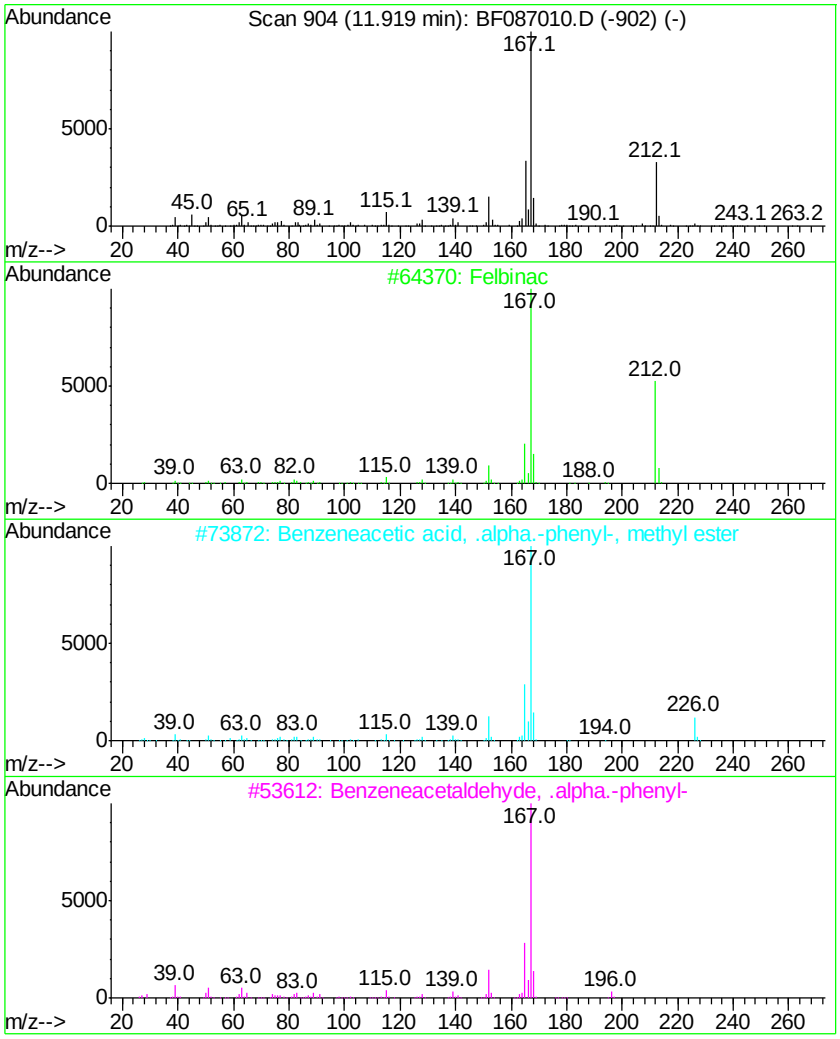
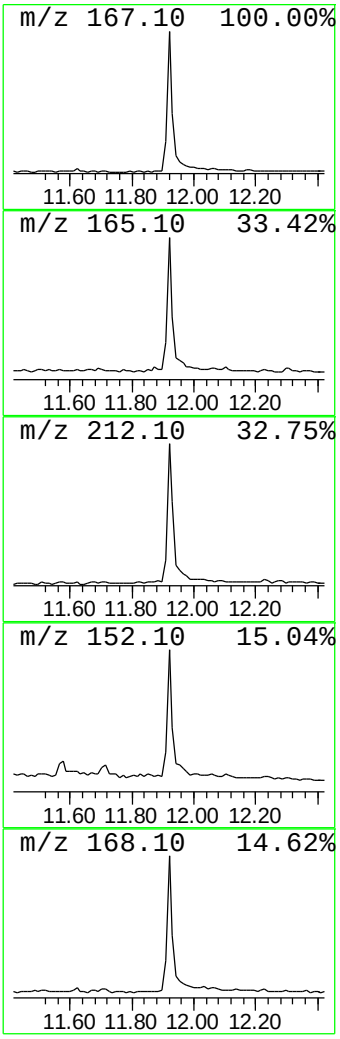
Peak Number 19 Felbinac Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	21.21 ng	1316000	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	91
2	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	91
3	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	83
4	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	80
5	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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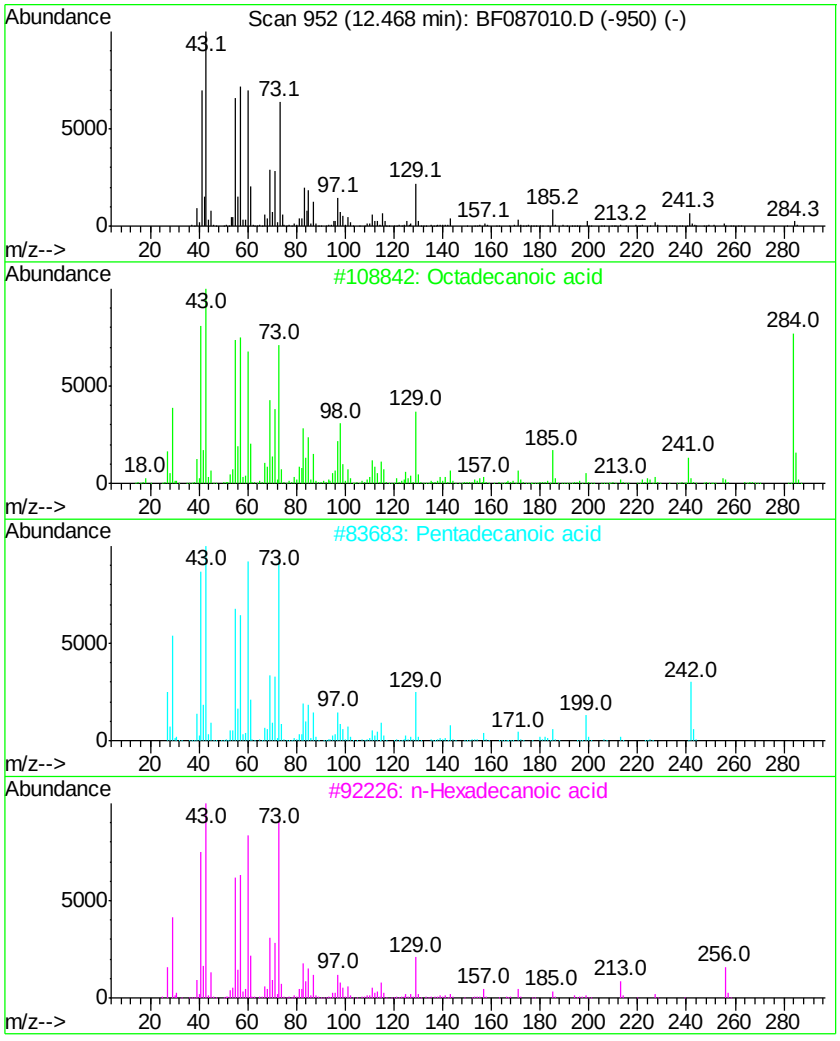
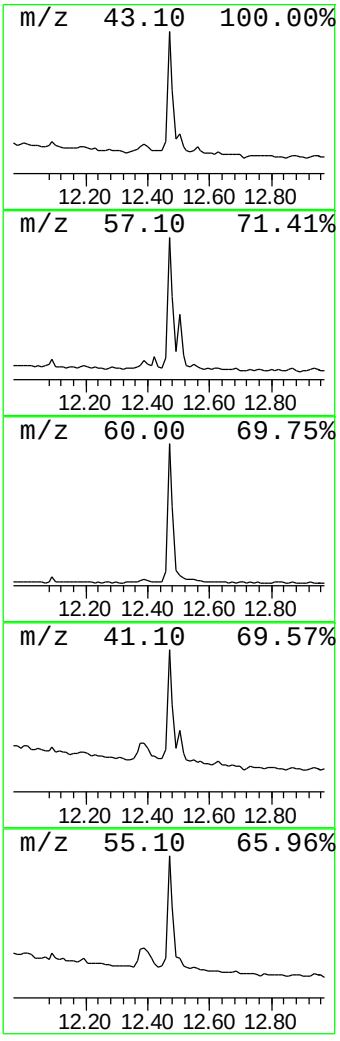
Peak Number 20 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	23.85 ng	1027510	Chrysene-d12	13.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087010.D
Acq On : 14 May 2016 10:24
Operator : UM/SJ
Sample : H2947-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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	42.8	ng	3145630	1	6.62	1469290	20.0
unknown8.81	8.81	58.7	ng	3464190	3	9.66	1180290	20.0
Tricyclo[4.4.1.0(...	8.94	59.2	ng	3492290	3	9.66	1180290	20.0
unknown9.08	9.08	37.3	ng	2202790	3	9.66	1180290	20.0
unknown9.13	9.13	18.2	ng	1074630	3	9.66	1180290	20.0
Benzene, 1-(1,1-d...	9.18	28.4	ng	1675320	3	9.66	1180290	20.0
unknown9.32	9.32	89.7	ng	5290740	3	9.66	1180290	20.0
unknown9.72	9.72	62.3	ng	3678810	3	9.66	1180290	20.0
unknown9.93	9.93	17.1	ng	1011110	3	9.66	1180290	20.0
3-Cyclohexene-1-c...	10.20	37.1	ng	2189890	3	9.66	1180290	20.0
3-Pentenoic acid,...	10.27	27.1	ng	1599020	3	9.66	1180290	20.0
unknown10.57	10.57	31.6	ng	1963960	4	11.14	1240970	20.0
4-Acetamidobenzof...	10.65	18.6	ng	1154540	4	11.14	1240970	20.0
unknown10.69	10.69	25.4	ng	1574730	4	11.14	1240970	20.0
n-Hexadecanoic acid	11.70	18.4	ng	1140840	4	11.14	1240970	20.0
Felbinac	11.92	21.2	ng	1316000	4	11.14	1240970	20.0
Octadecanoic acid	12.47	23.9	ng	1027510	5	13.76	861498	20.0