LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

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-BF092415.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	2.217	5	7	23	rVB3	86564	286912	6.21%	0.305%
2	5.131	260	262	265	rBV	396324	504844	10.93%	0.537%
3	5.360	280	282	284	rVB	122161	113453	2.46%	0.121%
4	5.406	284	286	289	rBV	248549	276571	5.99%	0.294%
5	5.543	294	298	300	rBV2	1954869	2366205	51.23%	2.517%
6	5.783	317	319	321	rBV	677178	587770	12.73%	0.625%
7	6.469	375	379	380	rBV	502515	456703	9.89%	0.486%
8	6.560	383	387	390	rBV	1038320	1220603	26.43%	1.298%
9	6.629	391	393	395	rBV	508684	412485	8.93%	0.439%
10	6.709	397	400	402	rBV	2742284	3097656	67.07%	3.295%
11	6.766	402	405	407	rVB	1240541	1186206	25.68%	1.262%
12	6.869	412	414	416	rBV	142082	142548	3.09%	0.152%
13	6.949	419	421	422	rBV	1032884	912264	19.75%	0.970%
14	7.006	422	426	428	rVV	1812952	1695805	36.72%	1.804%
15	7.109	432	435	436	rBV	3206670	3636186	78.73%	3.867%
16	7.132	436	437	438	rVB	369609	253367	5.49%	0.269%
17	7.189	441	442	444	rBV	71413	108671	2.35%	0.116%
18	7.269	447	449	453	rBV	168043	261184	5.65%	0.278%
19	7.337	453	455	460	rVB	184307	182855	3.96%	0.194%
20	7.406	460	461	462	rBV	130617	149490	3.24%	0.159%
21	7.429	462	463	465	rVB	116163	151069	3.27%	0.161%
22	7.520	468	471	473	rVV	2252391	2971824	64.34%	3.161%
23	7.635	479	481	482	rBV	134186	150072	3.25%	0.160%
24	7.715	487	488	489	rBV	149401	109441	2.37%	0.116%
25	7.737	489	490	496	rVB4	213767	304283	6.59%	0.324%
26	7.897	499	504	507	rVB3	117213	272341	5.90%	0.290%
27	7.966	507	510	512	rBV	614418	657210	14.23%	0.699%
28	8.069	518	519	521	rBV	267905	207016	4.48%	0.220%
29	8.195	526	530	531	rBV3	61174	121208	2.62%	0.129%
30	8.229	531	533	540	rVB2	974224	1645046	35.62%	1.750%
31	8.412	548	549	552	rVB2	149883	180896	3.92%	0.192%
32	8.469	552	554	556	rBV2	196227	284662	6.16%	0.303%
33	8.663	568	571	573	rVV4	141264	279100	6.04%	0.297%
34	8.698	573	574	575	rVV	141086	118350	2.56%	0.126%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

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-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.743	575	578	581	rVV2	384226	1039804	22.51%	1.106%
36	8.800	581	583	584	rVV	513764	460912	9.98%	0.490%
37	8.846	584	587	592	rVV3	375659	1013681	21.95%	1.078%
38	8.915	592	593	594	rVV	296721	247027	5.35%	0.263%
39	8.949	594	596	598	rVV	712256	623574	13.50%	0.663%
40	9.040	602	604	606	rBV	289086	454530	9.84%	0.483%
41	9.109	606	610	612	rVV2	293771	532218	11.52%	0.566%
42	9.178	612	616	617	rVV4	57279	117078	2.53%	0.125%
43	9.223	617	620	623	rVV4	178025	267098	5.78%	0.284%
44	9.315	625	628	630	rVV	4817499	4618714	100.00%	4.912%
45	9.406	632	636	639	rVV2	1943987	3004801	65.06%	3.196%
46	9.463	639	641	644	rVV3	58607	123037	2.66%	0.131%
47	9.578	648	651	653	rBV3	141641	255820	5.54%	0.272%
48	9.646	655	657	658	rVV	146973	164192	3.55%	0.175%
49	9.703	660	662	666	rVV	461410	514244	11.13%	0.547%
50	9.829	669	673	677	rVV3	241615	707474	15.32%	0.752%
51	9.955	677	684	685	rVV2	305431	417436	9.04%	0.444%
52	9.989	685	687	689	rVB	1413644	1268004	27.45%	1.349%
53	10.092	694	696	699	rVV3	69680	121287	2.63%	0.129%
54	10.149	699	701	703	rVV2	99959	112721	2.44%	0.120%
55	10.206	703	706	707	rVV2	184344	255139	5.52%	0.271%
56	10.263	709	711	712	rVV	123147	190236	4.12%	0.202%
57	10.286	712	713	715	rVV2	111537	176296	3.82%	0.188%
58	10.412	718	724	726	rBV4	97752	215935	4.68%	0.230%
59	10.481	728	730	733	rVB3	248257	431077	9.33%	0.458%
60	10.595	737	740	744	rBV4	61620	135062	2.92%	0.144%
61	10.743	749	753	754	rBV2	471532	929626	20.13%	0.989%
62	10.778	754	756	759	rVV	2403532	2653399	57.45%	2.822%
63	10.903	765	767	770	rVV	1148176	1182991	25.61%	1.258%
64	10.961	770	772	773	rVV	3389666	3306931	71.60%	3.517%
65	10.995	773	775	777	rVV2	3073411	4583561	99.24%	4.875%
66	11.029	777	778	779	rVV	3423754	2696621	58.38%	2.868%
67	11.098	781	784	786	rVV2	1525262	2786785	60.34%	2.964%
68	11.143	786	788	789	rVV	2496568	3061368	66.28%	3.256%
69	11.178	789	791	792	rVV	3441216	3307400	71.61%	3.518%
70	11.223	792	795	797	rVV	1349078	2418784	52.37%	2.573%
71	11.338	803	805	808	rVV2	147988	312606	6.77%	0.332%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.406	808	811	815	rVV3	91718	243323	5.27%	0.259%
73	11.475	815	817	820	rVV	1040422	1028952	22.28%	1.094%
74	11.555	820	824	826	rVV3	57077	112072	2.43%	0.119%
75	11.715	833	838	839	rBV3	68145	137712	2.98%	0.146%
76	11.772	840	843	849	rVB4	114197	242573	5.25%	0.258%
77	11.875	849	852	853	rBV	220649	249980	5.41%	0.266%
78	12.012	861	864	865	rVV	907905	1031144	22.33%	1.097%
79	12.069	867	869	870	rVV	913468	1451886	31.43%	1.544%
80	12.092	870	871	874	rVV3	1768004	3152777	68.26%	3.353%
81	12.138	874	875	877	rVV2	1219223	1627060	35.23%	1.730%
82	12.218	877	882	883	rVV2	2099449	3838663	83.11%	4.083%
83	12.275	885	887	889	rVV2	1083462	1893602	41.00%	2.014%
84	12.309	889	890	893	rVV	1164199	1092765	23.66%	1.162%
85	12.412	896	899	901	rBV2	358663	454907	9.85%	0.484%
86	12.538	907	910	911	rBV2	81335	131735	2.85%	0.140%
87	12.618	914	917	918	rVV	240696	280664	6.08%	0.299%
88	12.641	918	919	921	rVV	113566	139941	3.03%	0.149%
89	12.721	924	926	928	rVV2	561456	800347	17.33%	0.851%
90	12.755	928	929	930	rVV	216246	236768	5.13%	0.252%
91	12.824	933	935	936	rVB2	162461	204988	4.44%	0.218%
92	13.064	953	956	958	rBV	3177048	3027378	65.55%	3.220%
93	13.167	962	965	967	rBV2	83241	176947	3.83%	0.188%
94	13.258	972	973	974	rVV	119427	128674	2.79%	0.137%
95	13.955	1032	1034	1036	rBV	92263	112316	2.43%	0.119%
96	14.115	1046	1048	1052	rVB	1034958	911306	19.73%	0.969%
97	14.824	1107	1110	1111	rBV	70364	113930	2.47%	0.121%
98	14.950	1119	1121	1124	rVB3	95387	120395	2.61%	0.128%
99	15.007	1124	1126	1131	rVB2	106417	178976	3.88%	0.190%
100	15.590	1174	1177	1180	rBV	724384	890634	19.28%	0.947%

Sum of corrected areas: 94024180

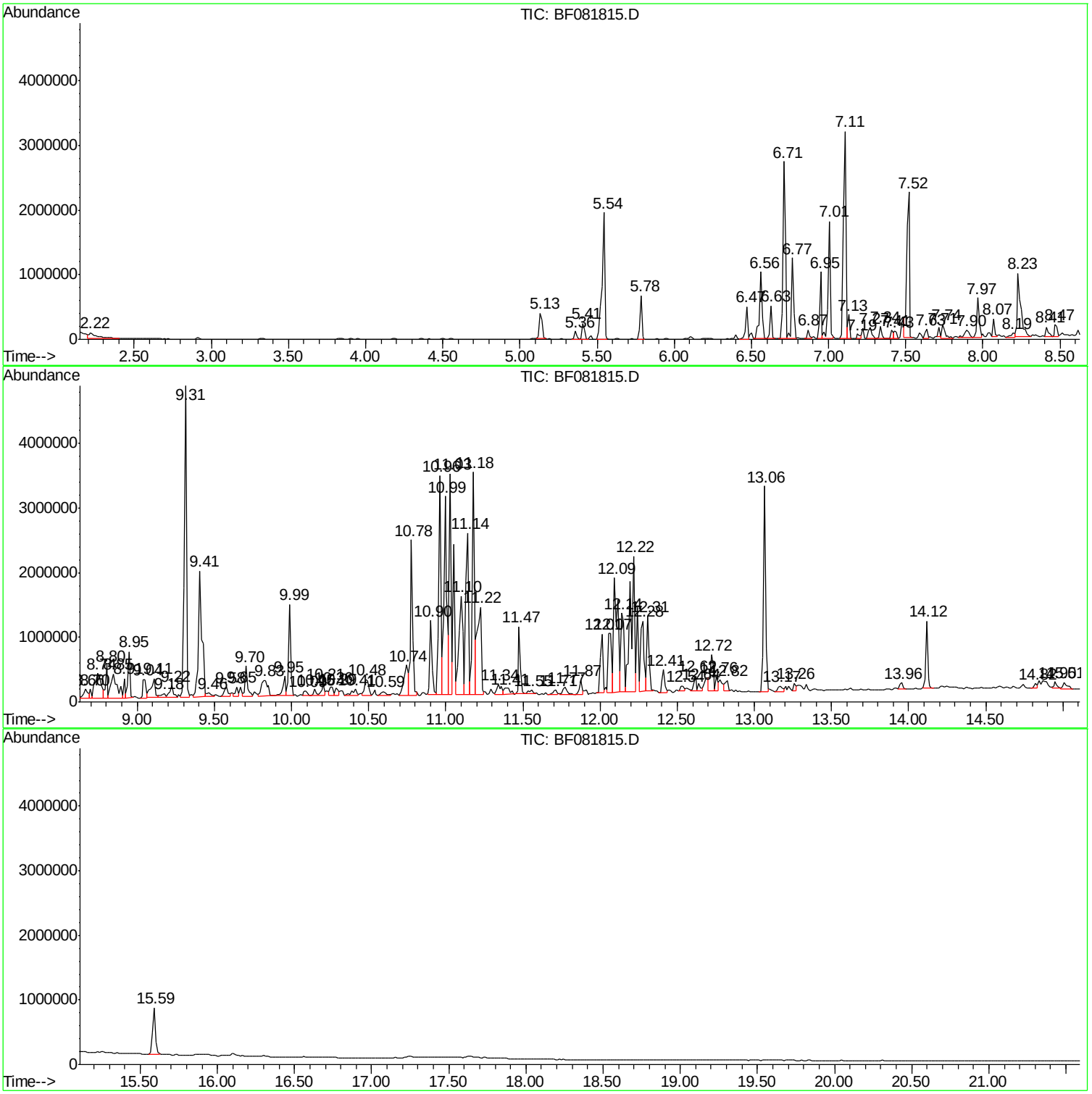
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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\BF092515\
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Instrument :
BNA_F
ClientSampleId :
MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

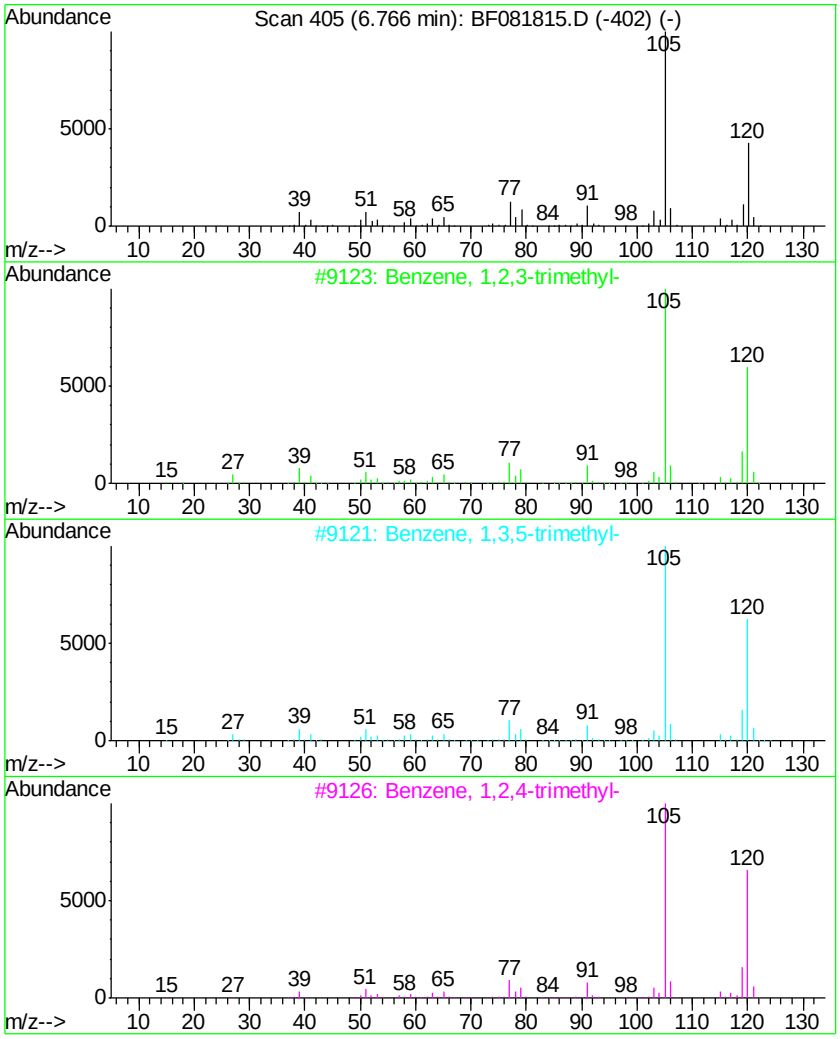
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

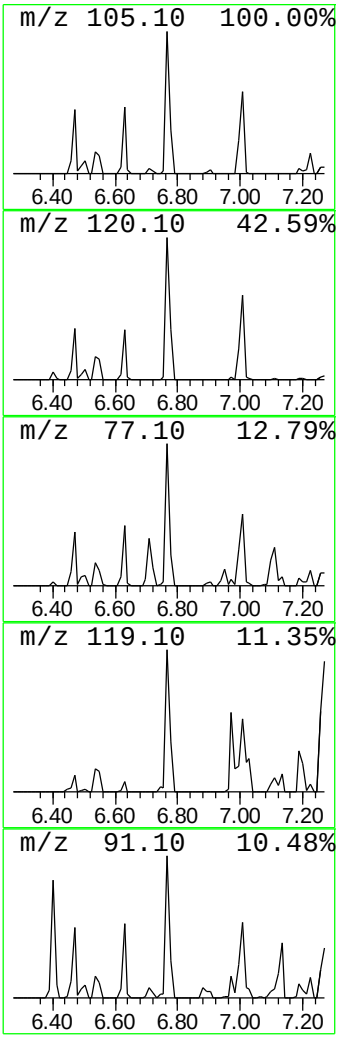
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	26.01 ng	1186210	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

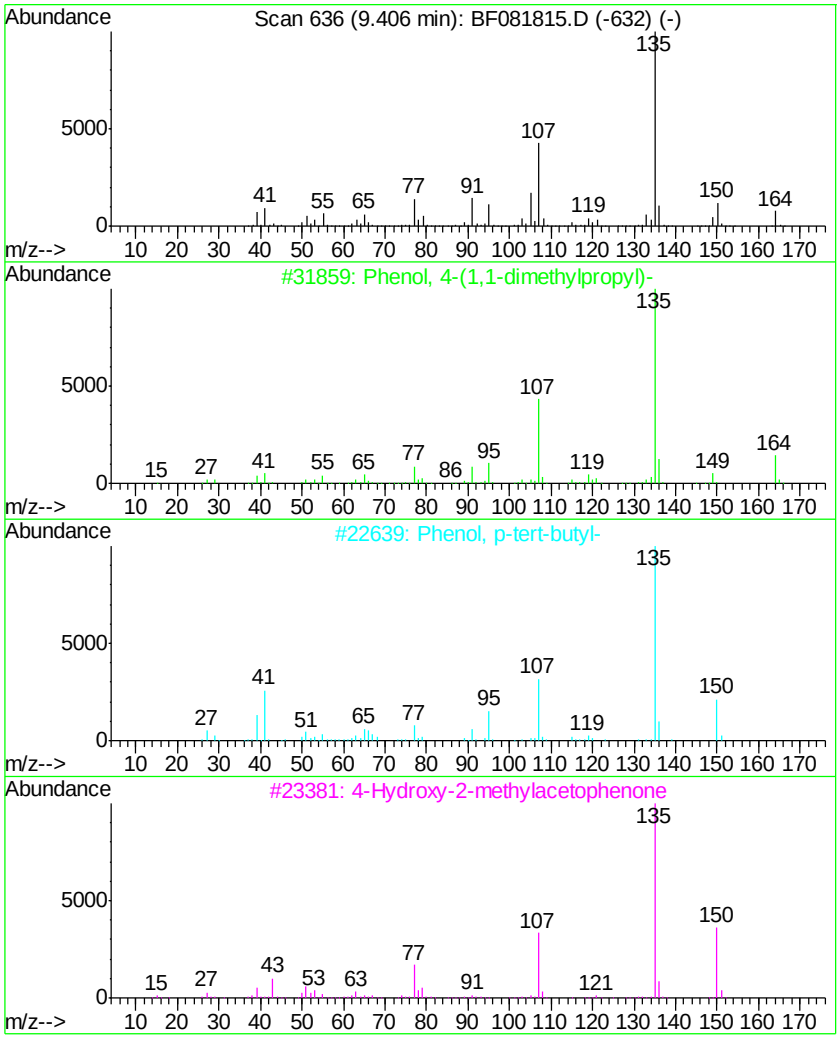
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

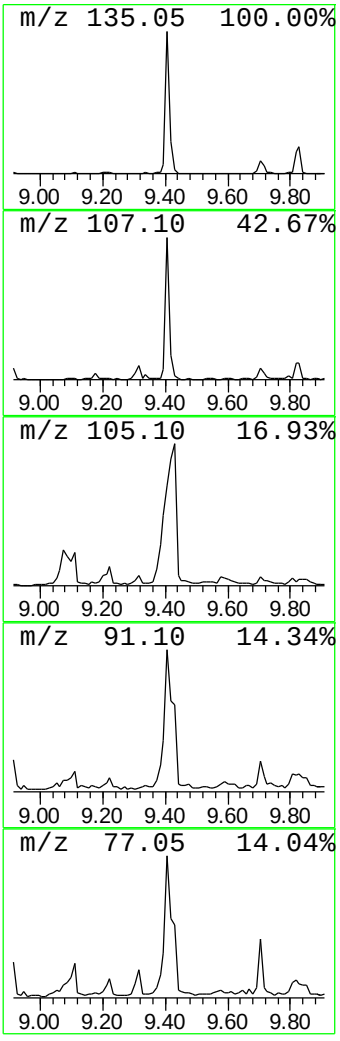
****

Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	47.39 ng	3004800	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
3	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	72
4	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	59
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	52





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Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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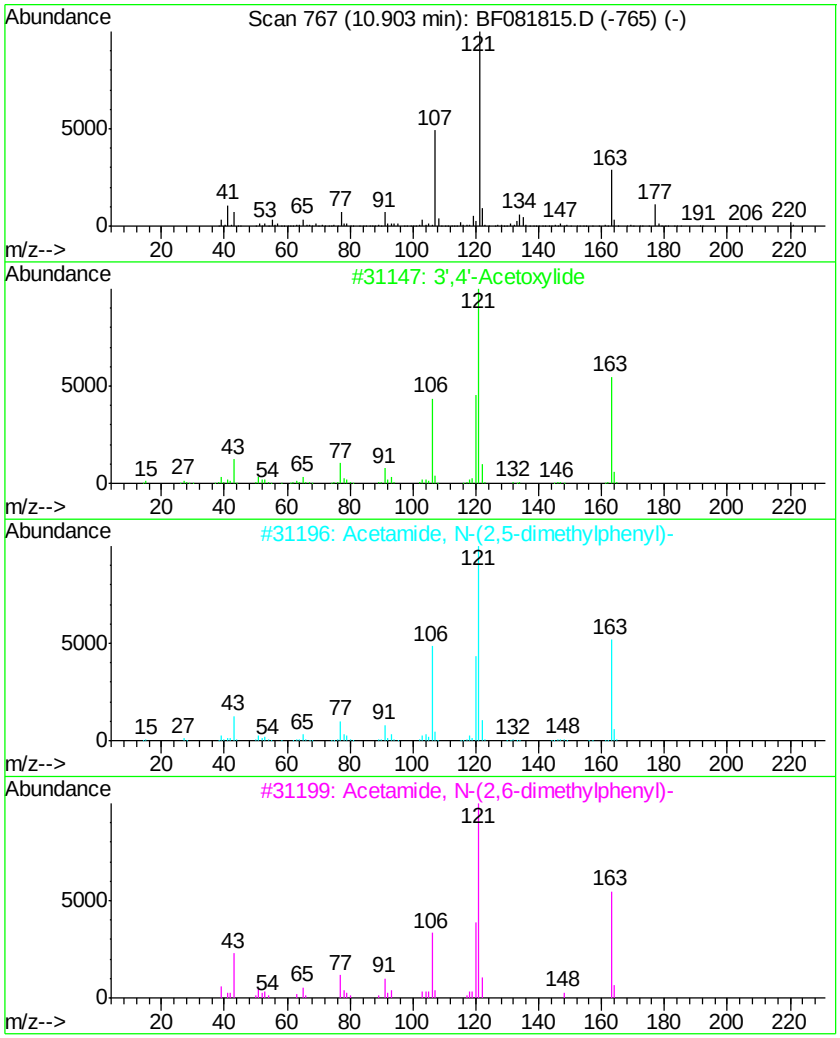
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

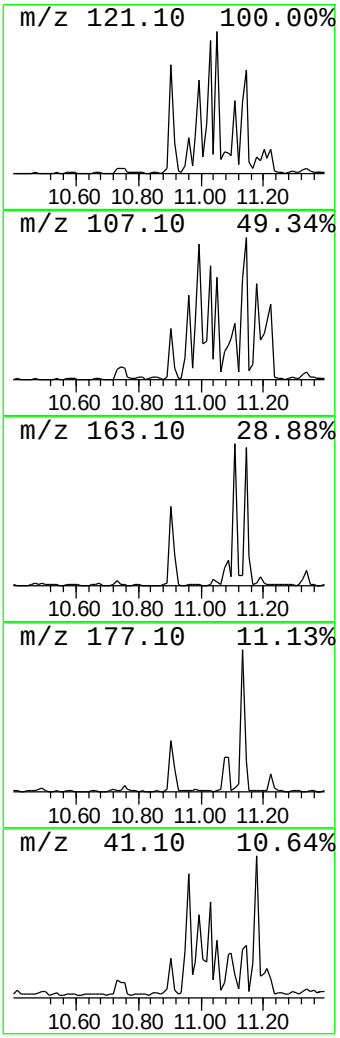
****

Peak Number 6 3',4'-Acetoxylide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	22.99 ng	1182990	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	52
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	50
3	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
4	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43





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Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

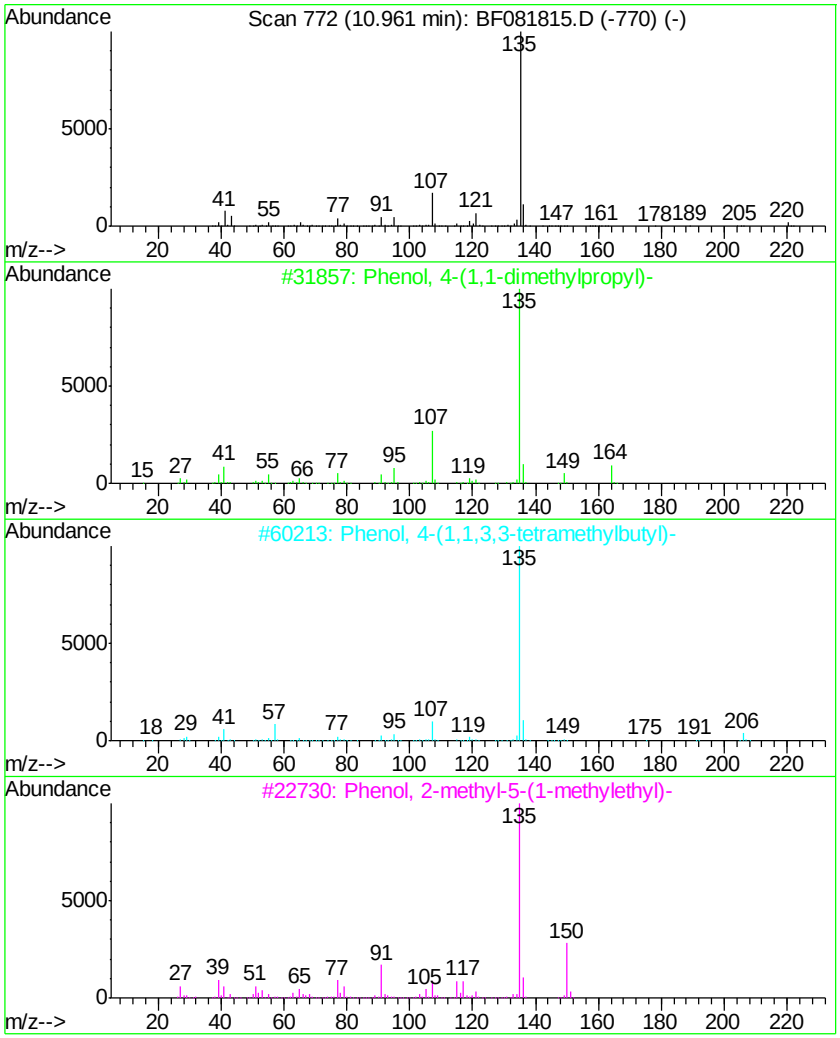
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

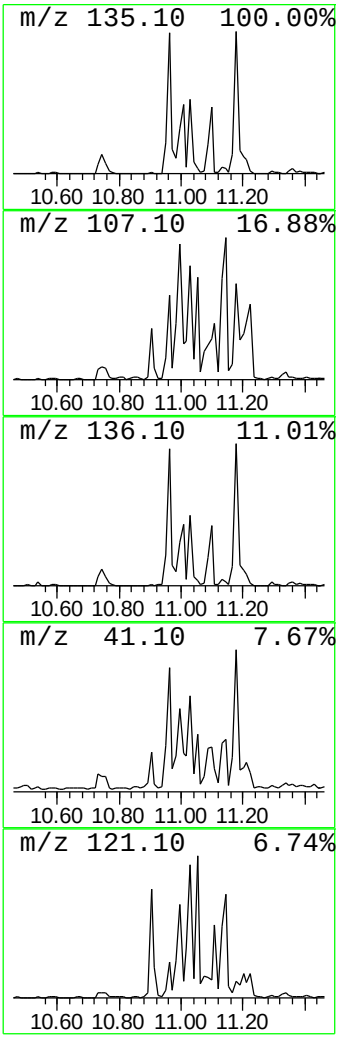
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	64.28 ng	3306930	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

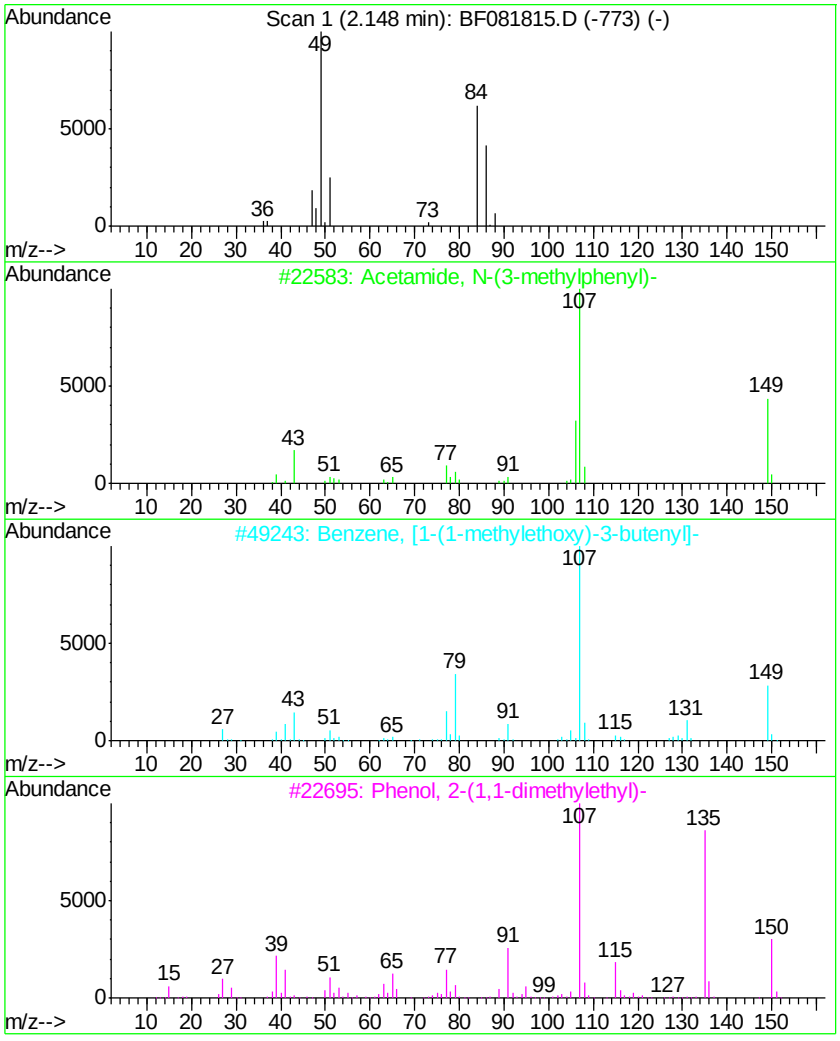
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

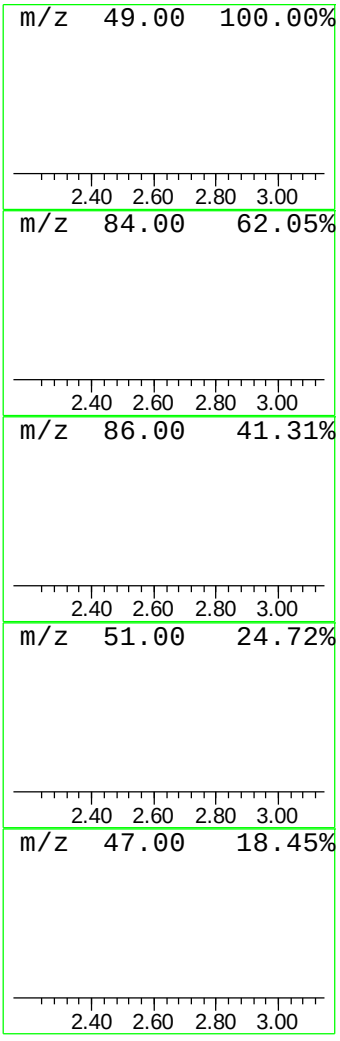
****

Peak Number 8 Acetamide, N-(3-methylphenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.00	0.00 ng	4583560	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	50
2	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	50
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	27
5	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	27





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Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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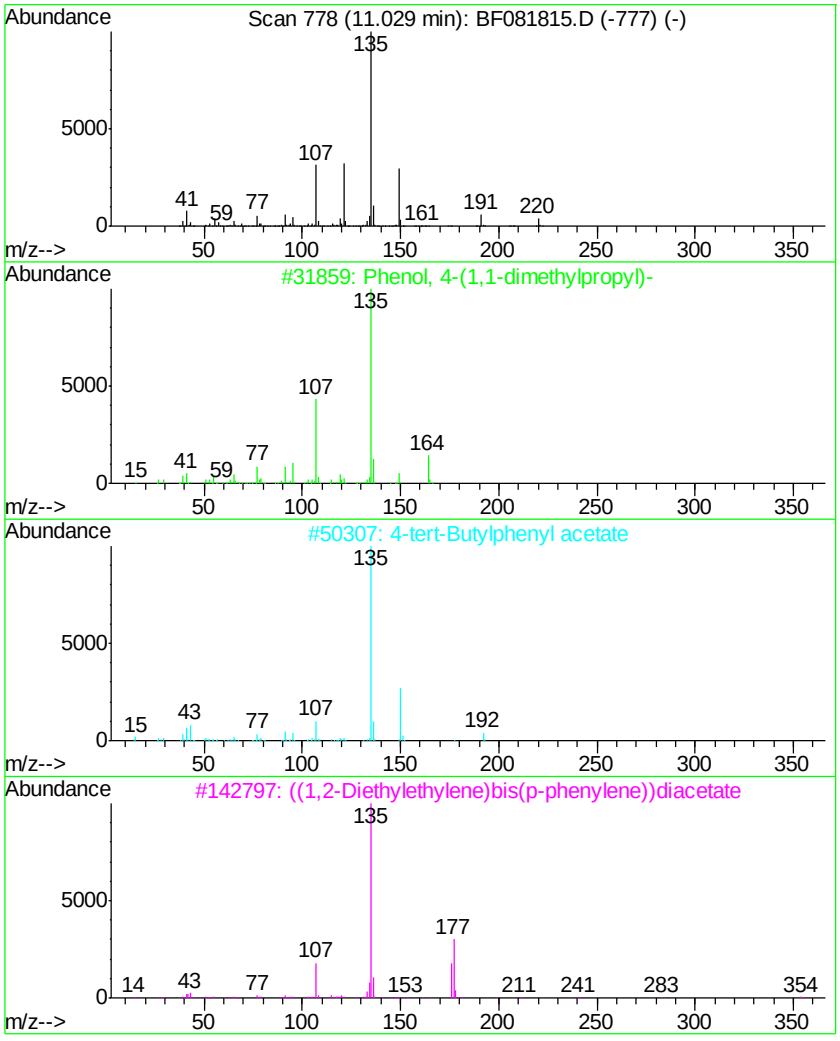
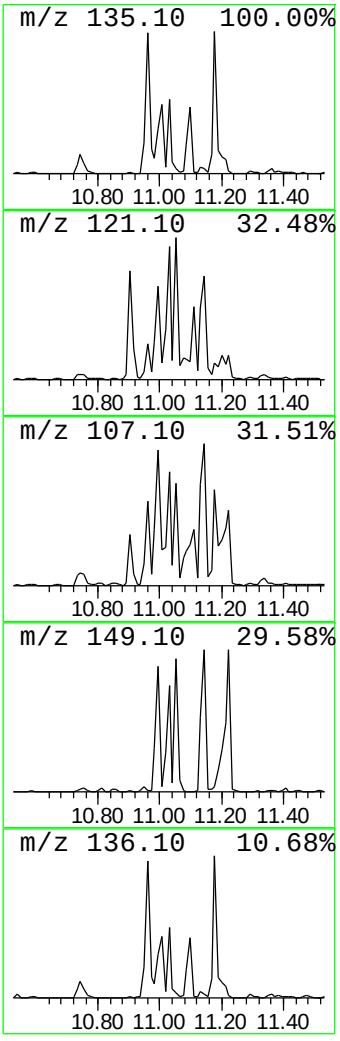
Peak Number 9 4-tert-Butylphenyl acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	52.41 ng	2696620	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	53
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	53
4	2-Methoxybenzoic acid, cyclopent...	220	C13H16O3	1000293-30-7	50
5	p-Methoxyheptanophenone	220	C14H20O2	069287-13-4	50





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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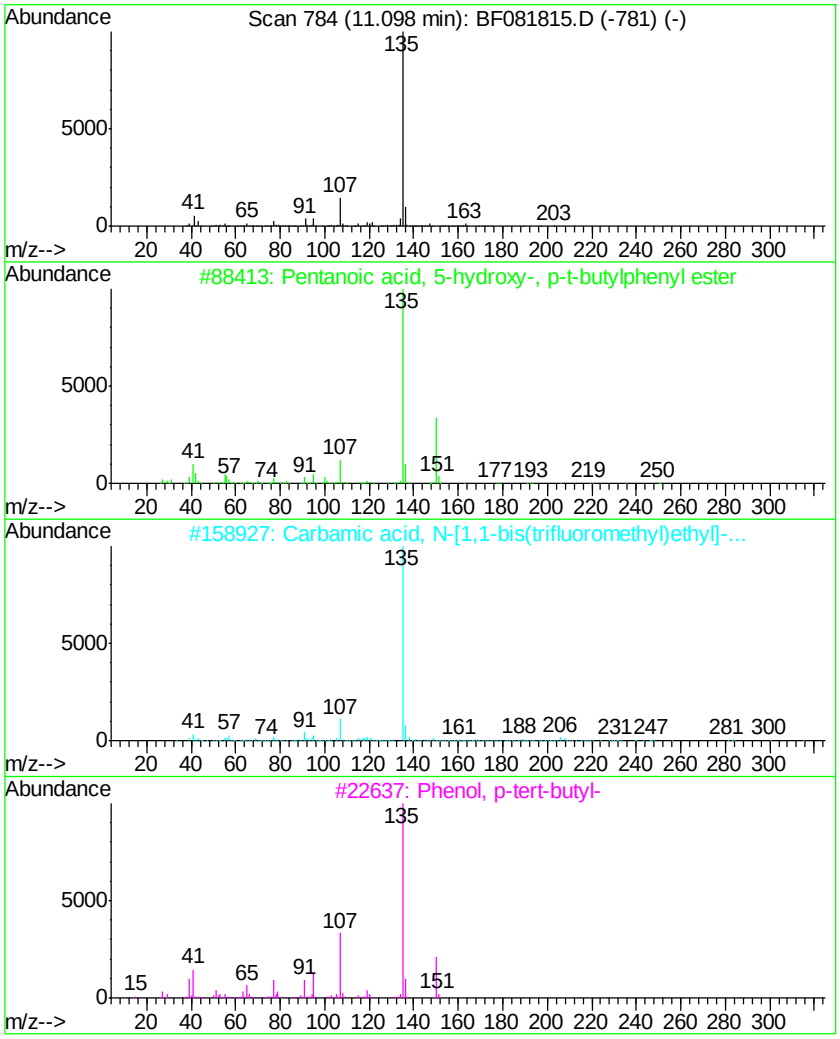
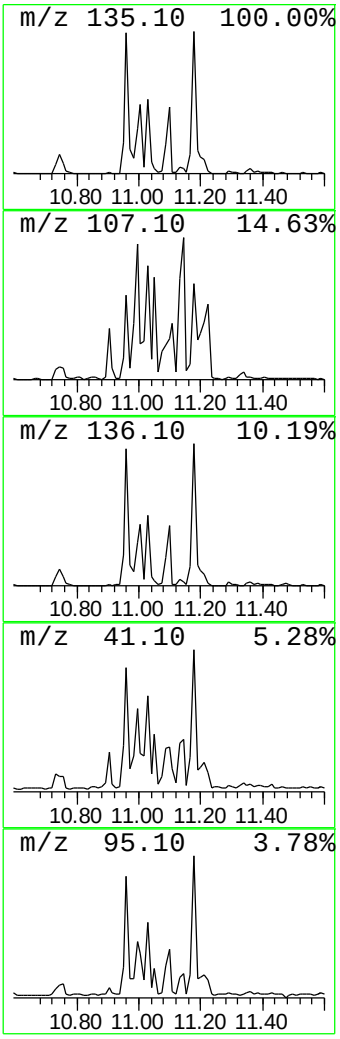
Peak Number 10 Pentanoic acid, 5-hydroxy-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	54.17 ng	2786790	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
4	m-Methoxybenzoic acid, 2-bromo-4...	324	C14H10BrFO3	1000292-63-0	39
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	39





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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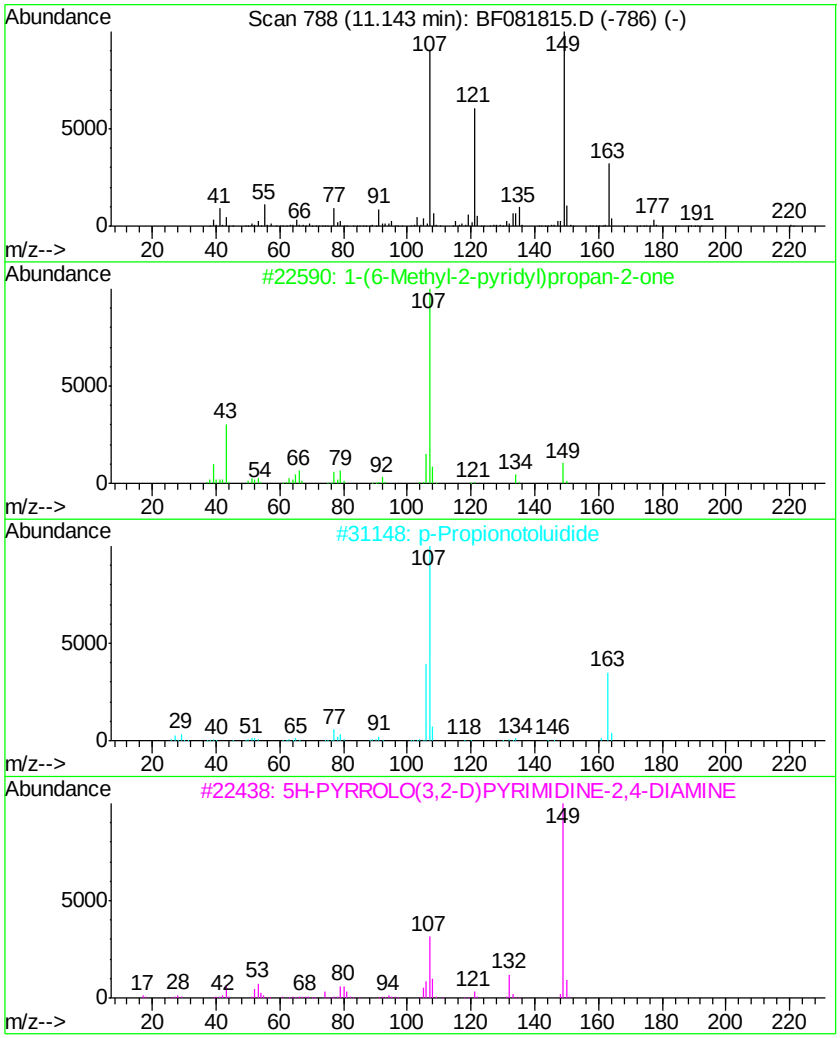
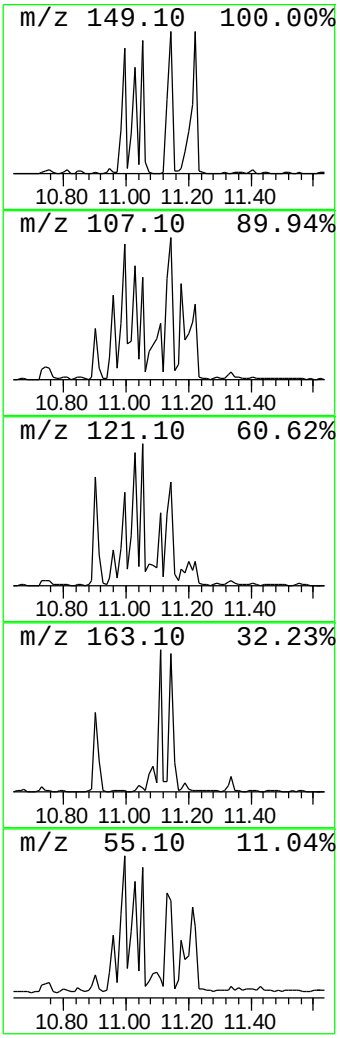
Peak Number 11 unknown11.14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	59.50 ng	3061370	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	42
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
4	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	35
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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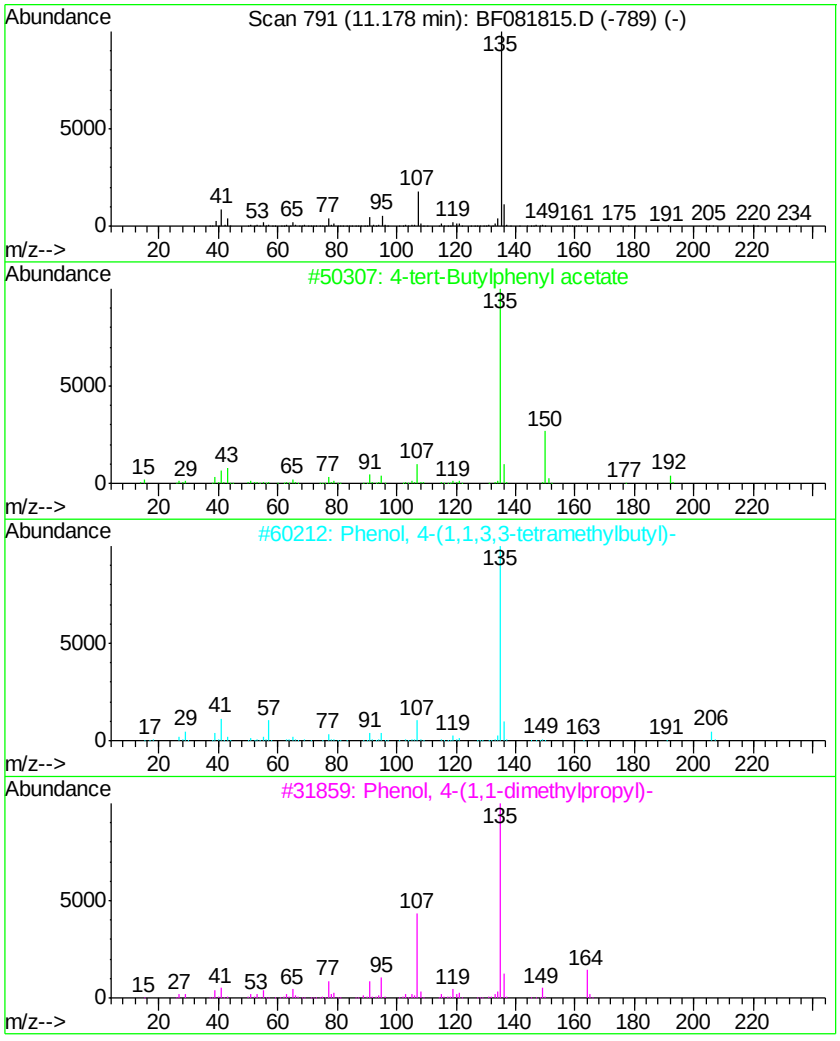
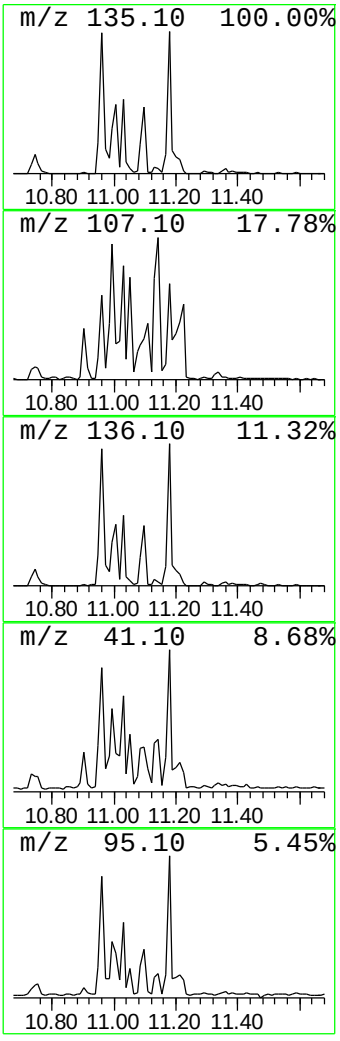
Peak Number 12 ((1,2-Diethylethylene)bis(p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	64.29 ng	3307400	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	56
5	Hexestrol	270	C18H22O2	005635-50-7	50





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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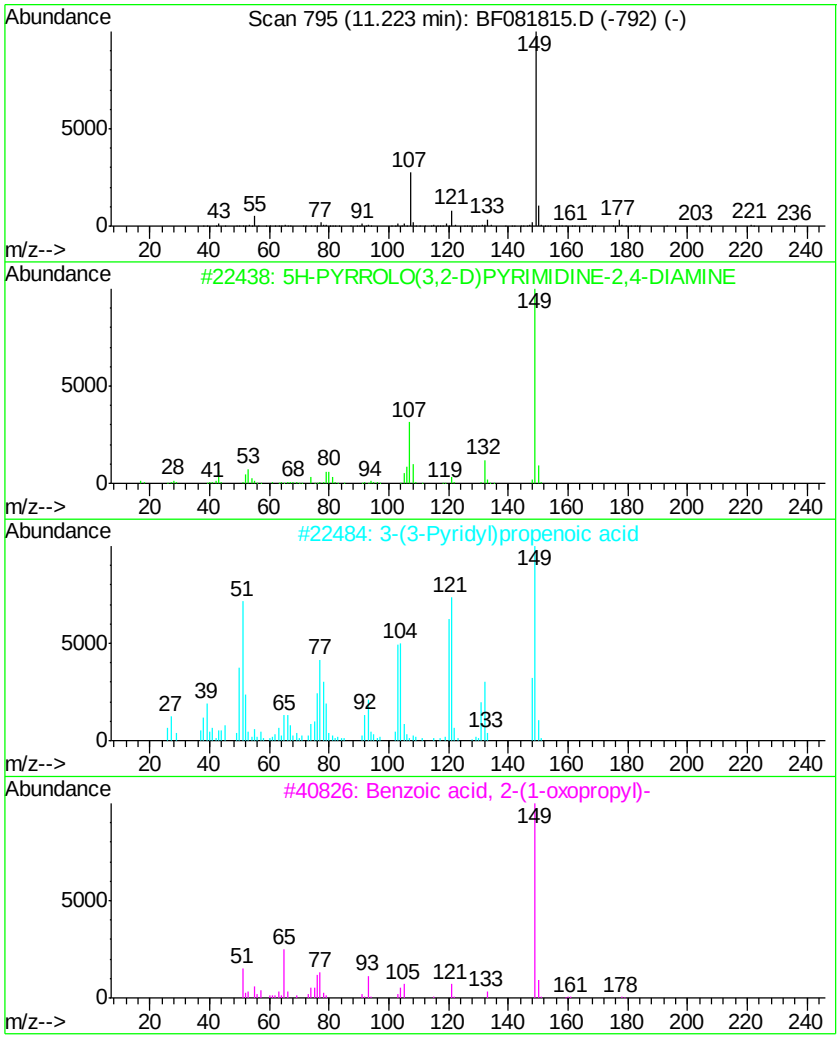
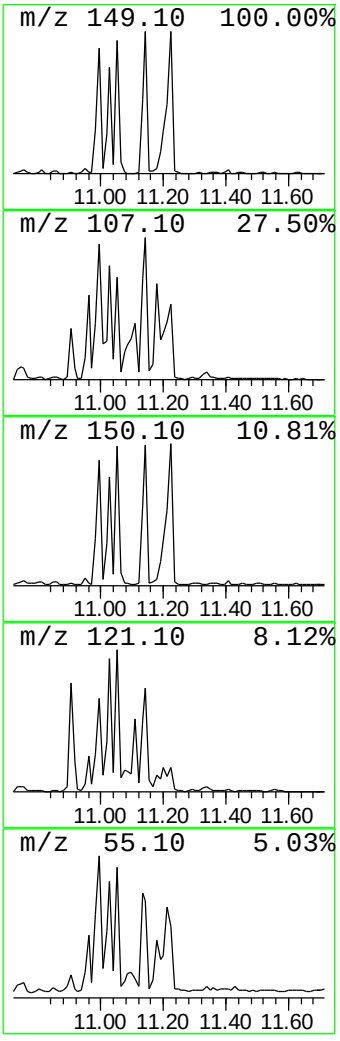
Peak Number 13 3-(3-Pyridyl)propenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	47.01 ng	2418780	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	64
2	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	50
3	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	45
4	2H-1,4-Benzoxazin-3(4H)-one	149	C8H7NO2	005466-88-6	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38





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Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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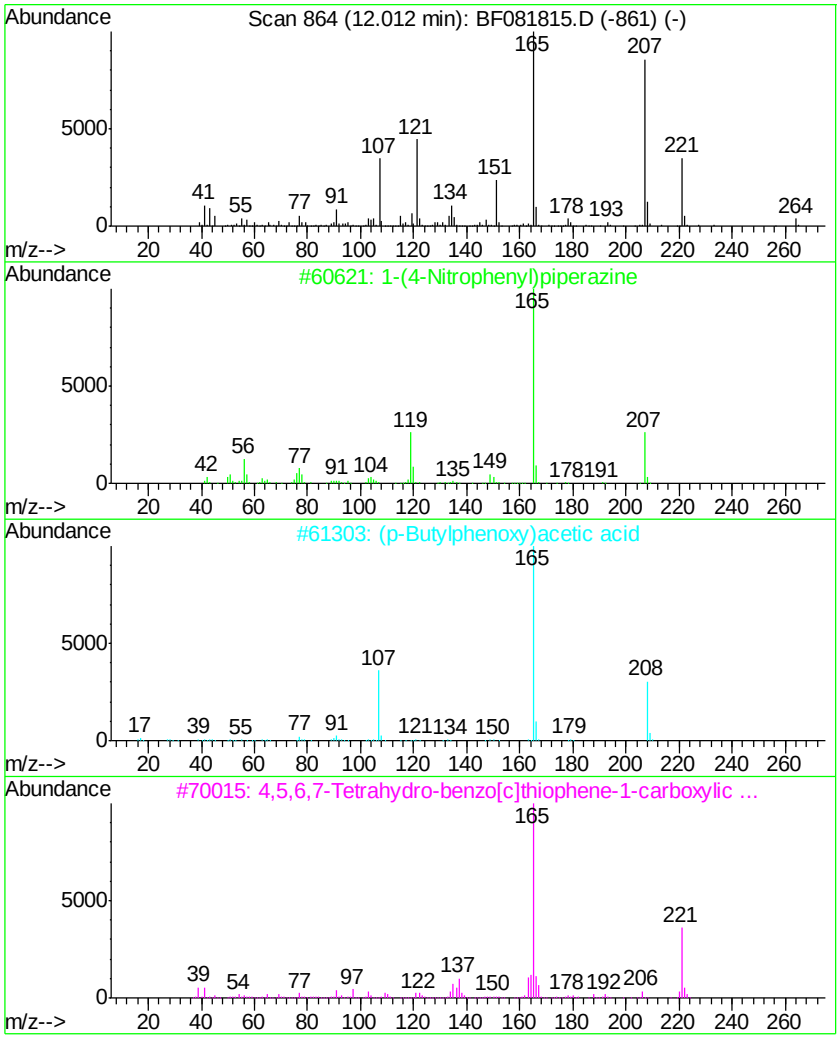
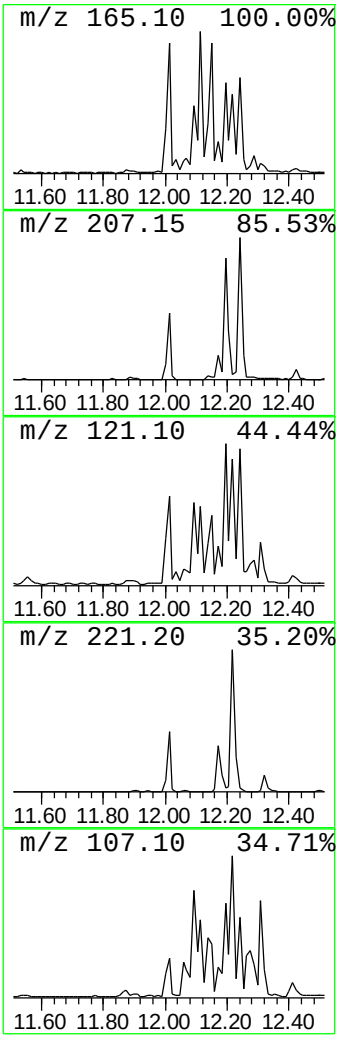
Peak Number 14 1-(4-Nitrophenyl)piperazine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	20.04 ng	1031140	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Nitrophenyl)piperazine	207	C10H13N3O2	006269-89-2	58
2	(p-Butylphenoxy)acetic acid	208	C12H16O3	086167-21-7	35
3	4,5,6,7-Tetrahydro-benzo[c]thiop...	221	C12H15NOS	1000296-67-7	35
4	1,2,4-Benzenetricarboxylic acid,...	294	C15H18O6	043049-07-6	35
5	Benzamide, N-(4-bromo-3-chloroph...	369	C15H13BrClNO3	284679-99-8	27





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Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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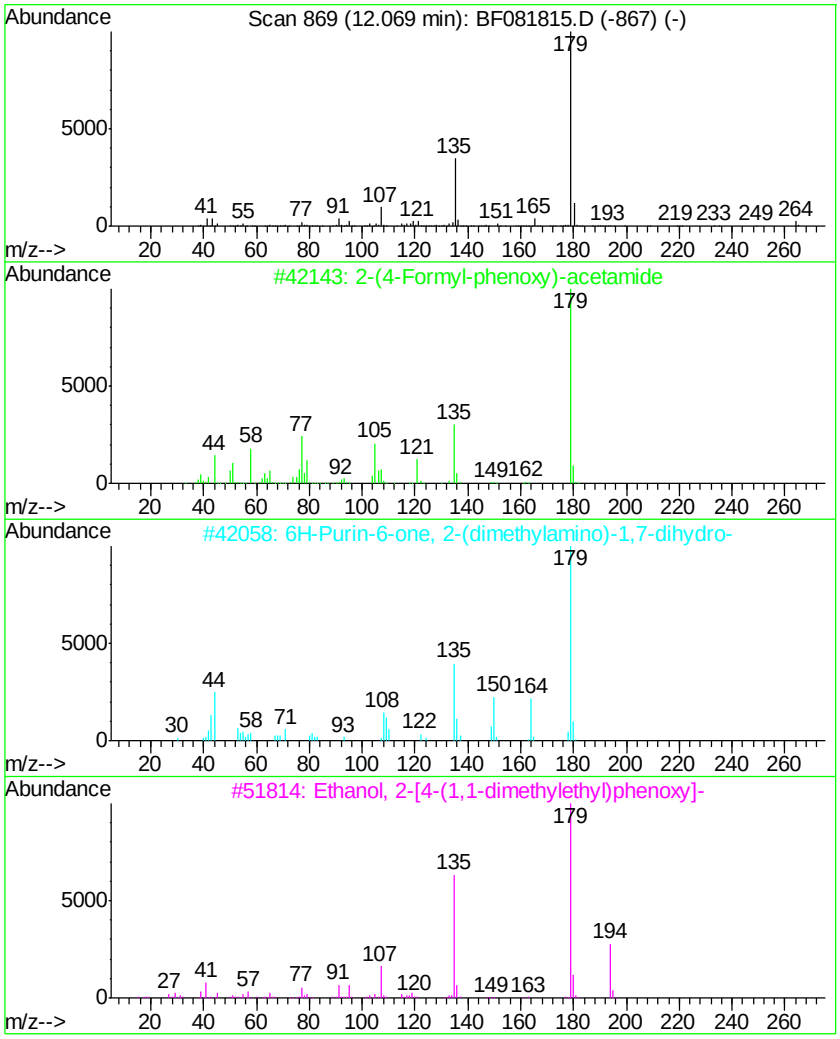
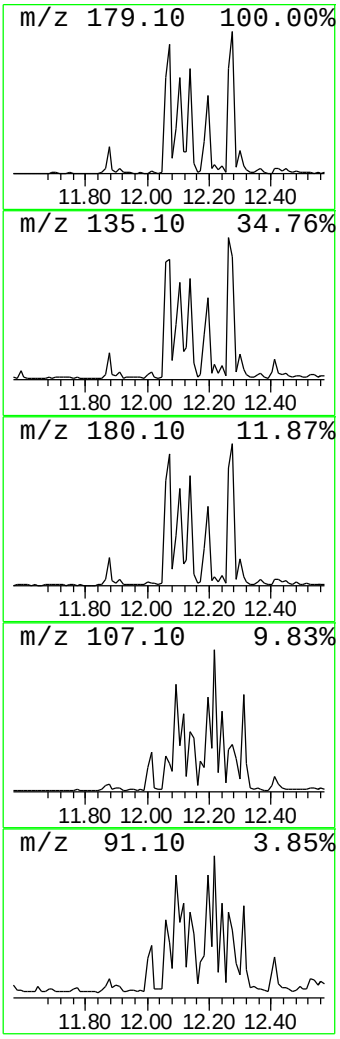
Peak Number 15 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	28.22 ng	1451890	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
2	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	50
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	43
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	40
5	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	39





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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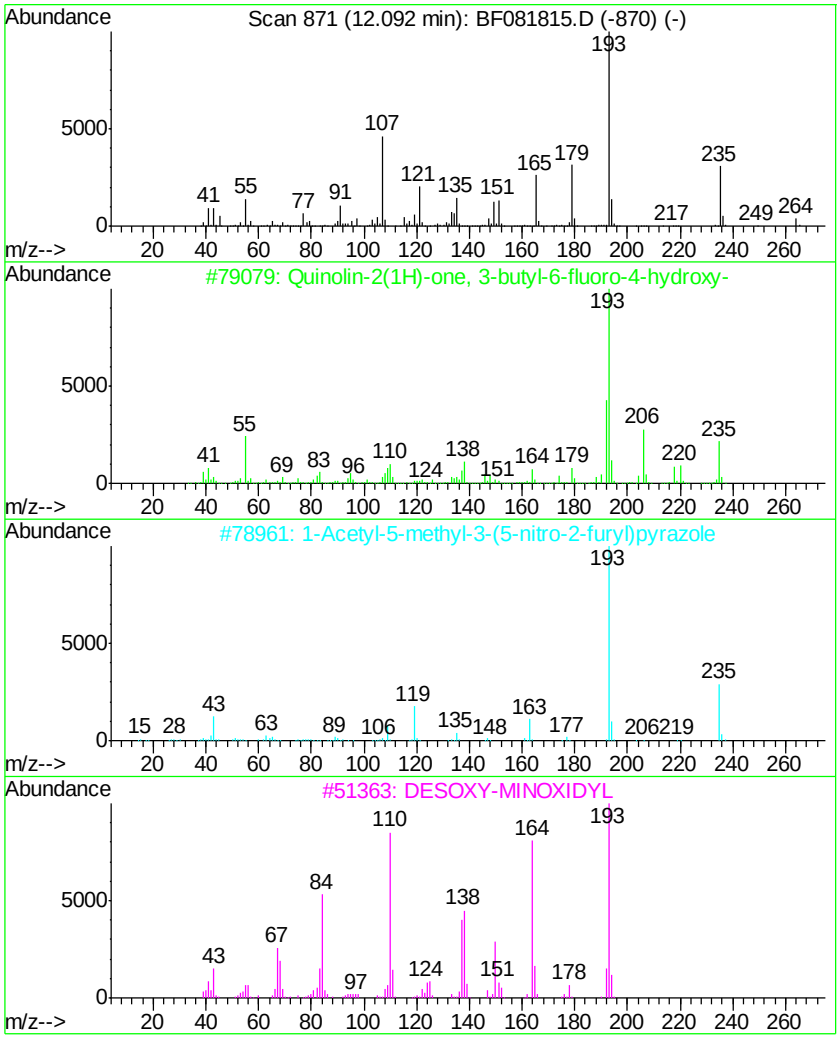
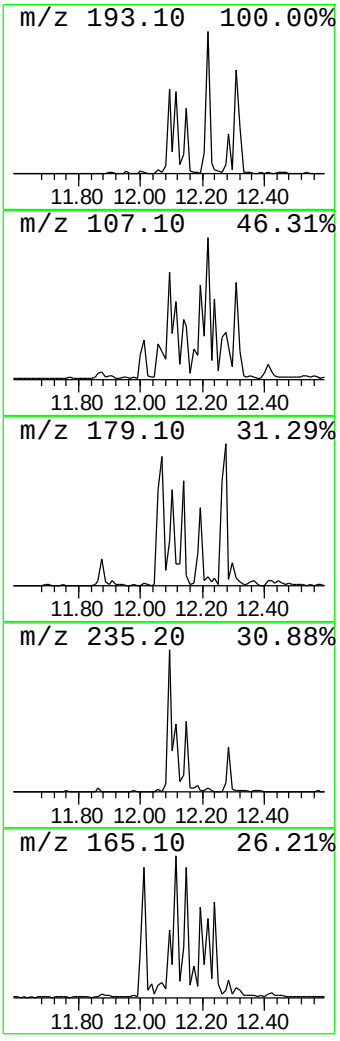
Peak Number 16 unknown12.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	61.28 ng	3152780	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FNO2	279691-75-7	43
2	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	43
3	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	41
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	38
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	38





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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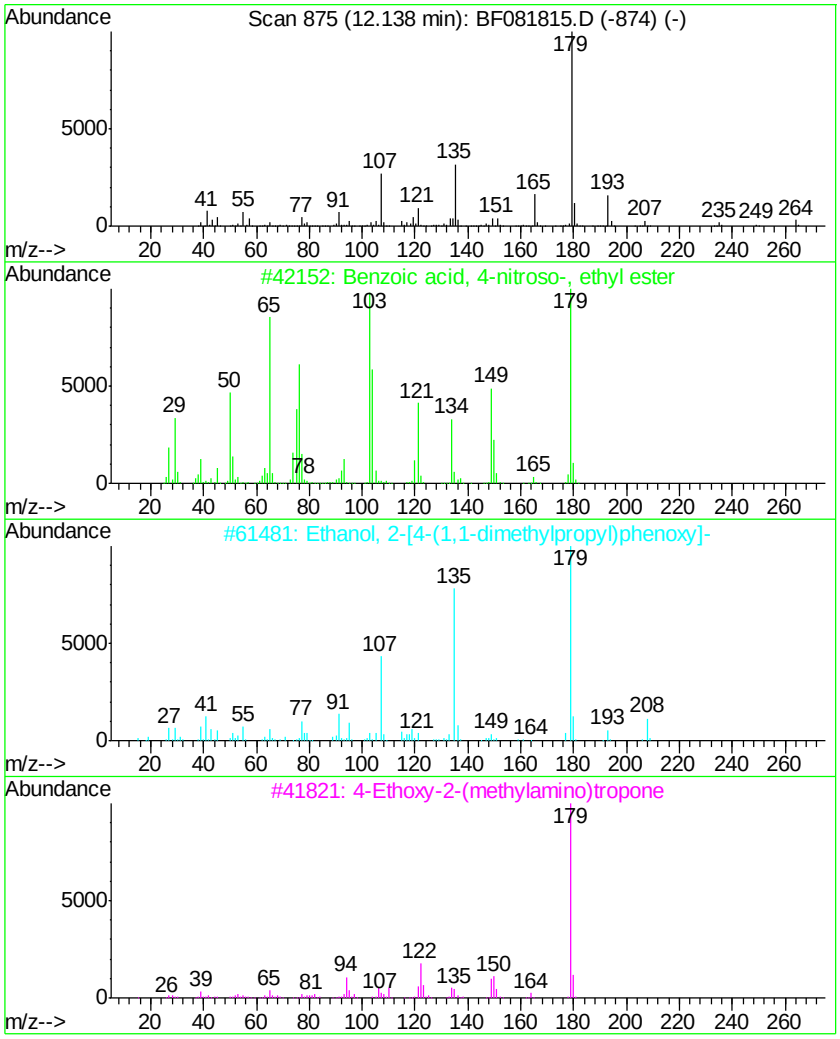
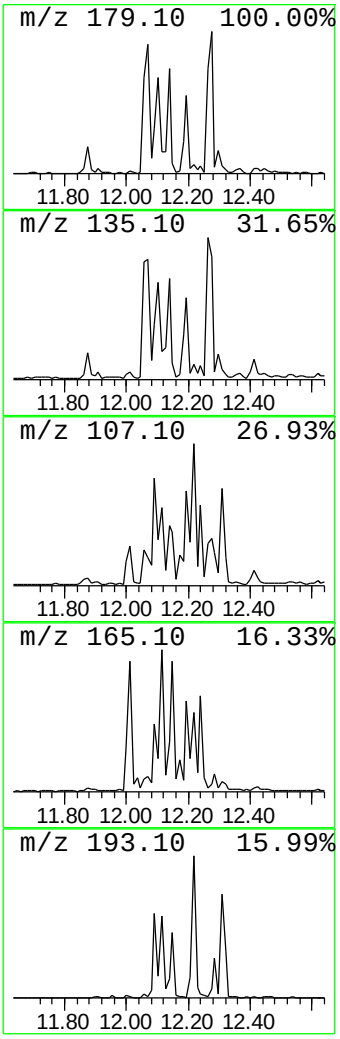
Peak Number 17 unknown12.14 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	31.63 ng	1627060	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	49
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	38
3	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	38
4	4-Butylbenzoic acid, pentadecyl ...	388	C26H44O2	1000292-32-8	37
5	(3-Methoxy-2-nitrophenyl)acetic ...	225	C10H11NO5	1000186-31-1	33





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Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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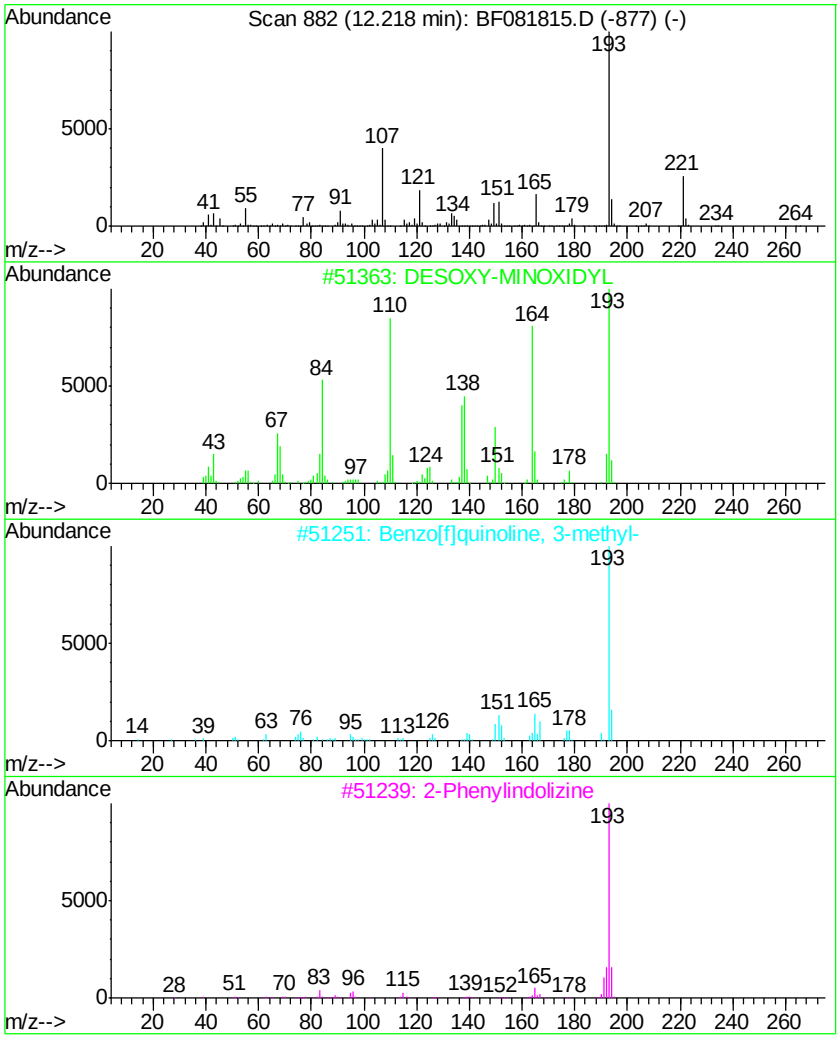
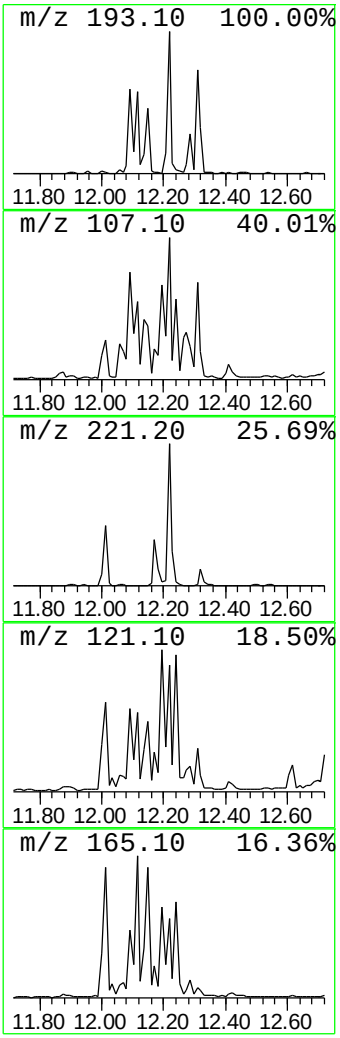
Peak Number 18 unknown12.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	74.61 ng	3838660	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	45
2	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	43
3	2-Phenylindolizine	193	C14H11N	025379-20-8	38
4	Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	35
5	Acetophenone, 2'-(trimethylsiloxy)-	208	C11H16O2Si	033342-85-7	32





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Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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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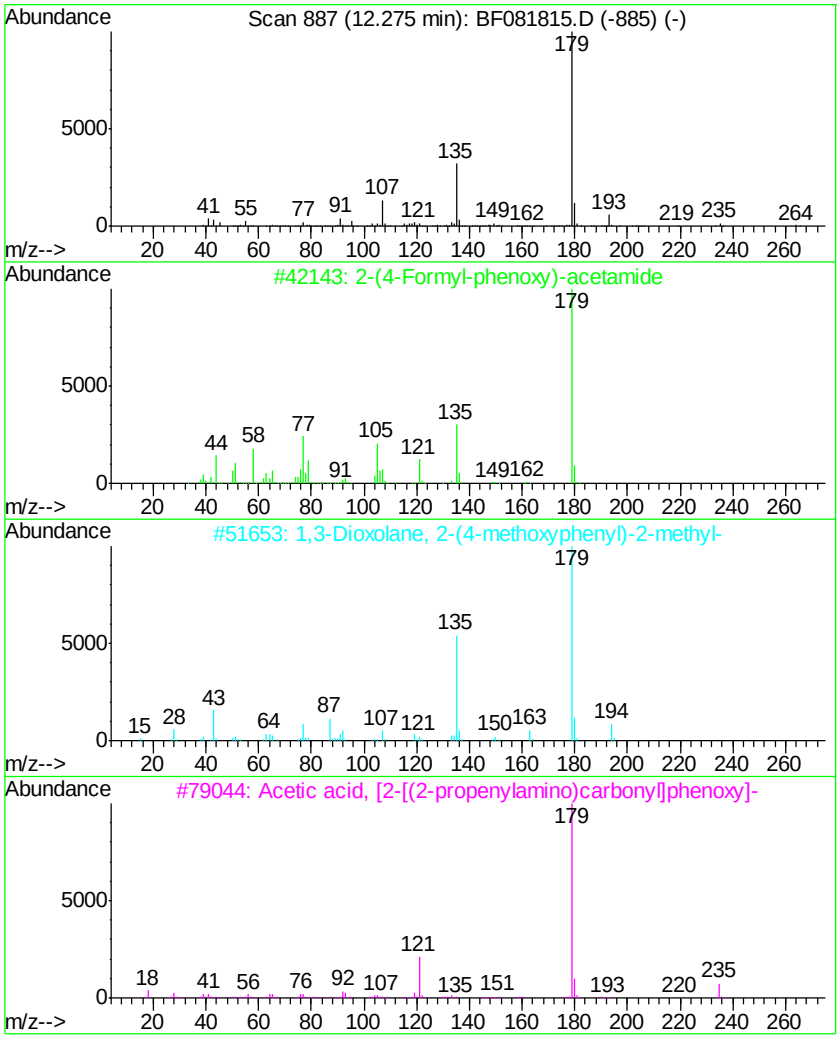
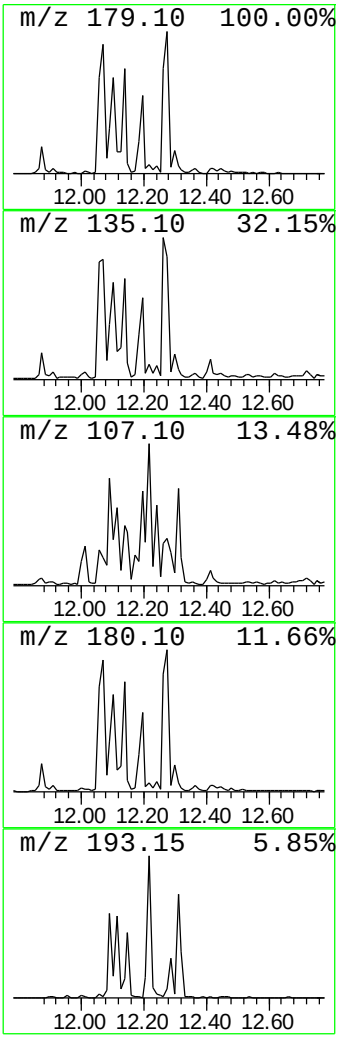
Peak Number 19 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	36.81 ng	1893600	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	72
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	64
3	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	40
4	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	39
5	(p-(Allyloxycarbonyl)phenoxy)ace...	236	C12H12O5	1000241-83-7	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

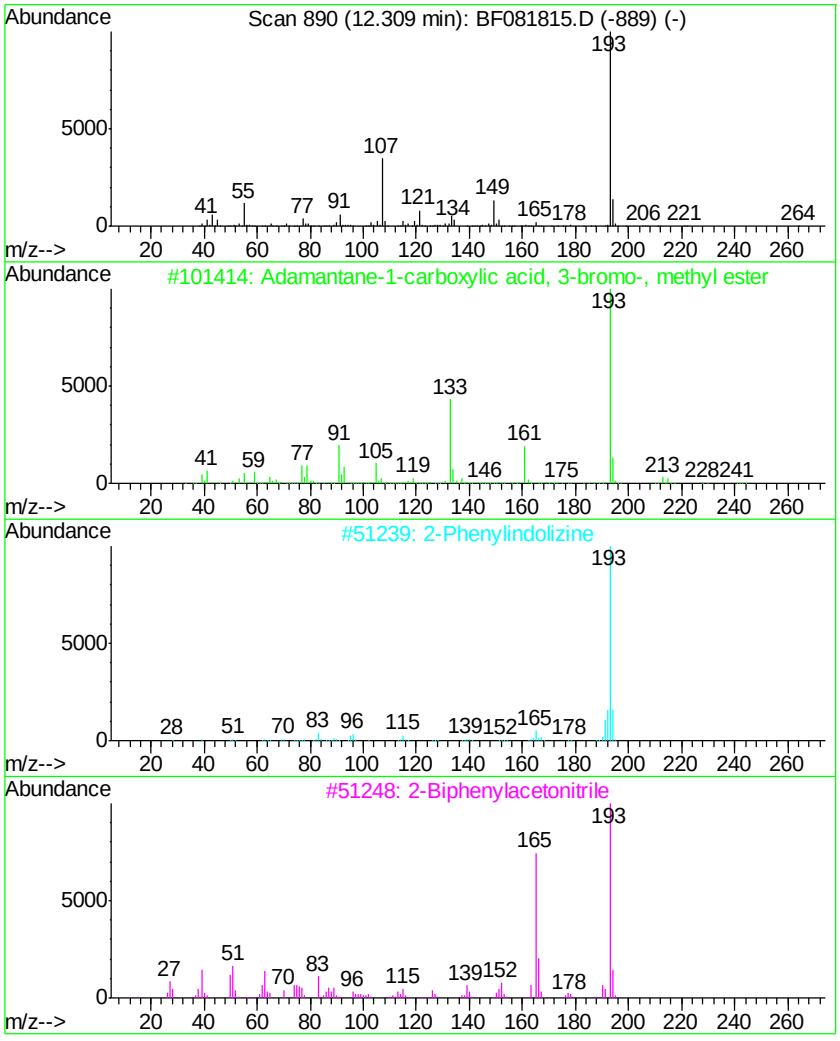
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

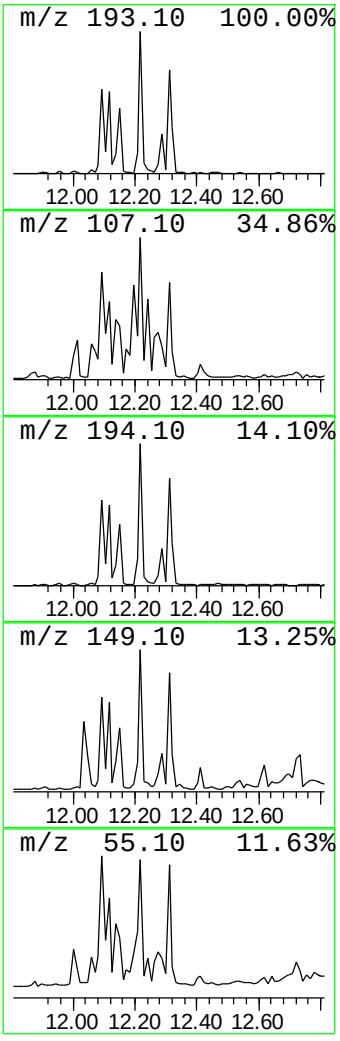
****

Peak Number 20 unknown12.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	21.24 ng	1092770	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	33
2	2-Phenylindolizine	193	C14H11N	025379-20-8	33
3	2-Biphenylacetonitrile	193	C14H11N	019853-10-2	9
4	Iminostilbene	193	C14H11N	000256-96-2	9
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081815.D
Acq On : 25 Sep 2015 21:27
Operator : UM/IZ
Sample : G3704-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-9-15-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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
Benzene, 1,2,3-tr...	6.77	26.0	ng	1186210	1	6.95	912264	20.0
Phenol, 4-(1,1-di...	9.41	47.4	ng	3004800	3	9.99	1268000	20.0
3',4'-Acetoxylide	10.90	23.0	ng	1182990	4	11.47	1028950	20.0
Phenol, 4-(1,1,3,...	10.96	64.3	ng	3306930	4	11.47	1028950	20.0
Acetamide, N-(3-m...	0.00	0.0	ng	4583560	4	11.47	1028950	20.0
4-tert-Butylpheny...	11.03	52.4	ng	2696620	4	11.47	1028950	20.0
Pentanoic acid, 5...	11.10	54.2	ng	2786790	4	11.47	1028950	20.0
unknown11.14	11.14	59.5	ng	3061370	4	11.47	1028950	20.0
((1,2-Diethylethy...	11.18	64.3	ng	3307400	4	11.47	1028950	20.0
3-(3-Pyridyl)prop...	11.22	47.0	ng	2418780	4	11.47	1028950	20.0
1-(4-Nitrophenyl)...	12.01	20.0	ng	1031140	4	11.47	1028950	20.0
2-(4-Formyl-pheno...	12.07	28.2	ng	1451890	4	11.47	1028950	20.0
unknown12.09	12.09	61.3	ng	3152780	4	11.47	1028950	20.0
unknown12.14	12.14	31.6	ng	1627060	4	11.47	1028950	20.0
unknown12.22	12.22	74.6	ng	3838660	4	11.47	1028950	20.0
1,3-Dioxolane, 2-...	12.28	36.8	ng	1893600	4	11.47	1028950	20.0
unknown12.31	12.31	21.2	ng	1092770	4	11.47	1028950	20.0