LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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-BF031115.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	1.367	38	42	45	rBV	193790	281039	13.46%	0.604%
2	1.527	53	56	59	rBV	234974	269916	12.92%	0.581%
3	1.744	74	75	85	rBV	60672	98809	4.73%	0.213%
4	5.161	372	374	377	rBV	163747	240574	11.52%	0.517%
5	5.310	384	387	391	rBV	584738	669810	32.07%	1.441%
6	5.379	391	393	396	rBV	400811	452136	21.65%	0.972%
7	6.510	490	492	494	rVV	288875	297448	14.24%	0.640%
8	6.602	498	500	502	rBV	189861	179629	8.60%	0.386%
9	6.670	504	506	508	rVV	285033	300298	14.38%	0.646%
10	6.704	508	509	511	rVB	151762	116642	5.59%	0.251%
11	6.807	516	518	520	rBV	1000269	930760	44.57%	2.002%
12	6.876	522	524	526	rBV	729890	742028	35.53%	1.596%
13	7.093	540	543	545	rVV	305097	276638	13.25%	0.595%
14	7.162	548	549	551	rVV	473870	430695	20.62%	0.926%
15	7.196	551	552	555	rVV	105555	119280	5.71%	0.257%
16	7.276	557	559	561	rVV2	896598	1191606	57.06%	2.563%
17	7.310	561	562	564	rVB	236643	185059	8.86%	0.398%
18	7.505	577	579	583	rVB2	101625	127495	6.10%	0.274%
19	7.790	602	604	609	rVB	847684	788224	37.74%	1.695%
20	7.950	616	618	623	rBV2	55575	144936	6.94%	0.312%
21	8.087	628	630	632	rVB	137609	123216	5.90%	0.265%
22	8.270	644	646	651	rVB2	75930	100685	4.82%	0.217%
23	8.362	651	654	657	rBV2	401646	496201	23.76%	1.067%
24	8.476	661	664	667	rBV2	163232	168934	8.09%	0.363%
25	8.670	678	681	682	rBV	494721	457491	21.91%	0.984%
26	8.693	682	683	686	rVV	201906	210202	10.06%	0.452%
27	8.750	686	688	690	rVB2	47433	80699	3.86%	0.174%
28	8.899	697	701	702	rBV3	42132	81713	3.91%	0.176%
29	8.968	705	707	710	rBV2	86565	95864	4.59%	0.206%
30	9.093	715	718	720	rBV	118100	173538	8.31%	0.373%
31	9.150	720	723	726	rVV	231464	313610	15.02%	0.675%
32	9.219	726	729	731	rVV	81000	112654	5.39%	0.242%
33	9.299	734	736	737	rVV	86677	105730	5.06%	0.227%
34	9.333	737	739	740	rVV	120079	169648	8.12%	0.365%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.368	740	742	745	rVV	156809	343565	16.45%	0.739%
36	9.413	745	746	748	rVV2	125311	147664	7.07%	0.318%
37	9.493	748	753	757	rVV2	158545	535075	25.62%	1.151%
38	9.550	757	758	760	rVV	310641	437134	20.93%	0.940%
39	9.619	763	764	766	rVV	91236	90588	4.34%	0.195%
40	9.676	766	769	771	rVV	368144	402405	19.27%	0.866%
41	9.791	776	779	783	rVV	91547	176822	8.47%	0.380%
42	9.871	783	786	789	rVB4	39615	91747	4.39%	0.197%
43	10.019	797	799	801	rVV	1698149	1525243	73.03%	3.281%
44	10.156	805	811	814	rVV	454758	732834	35.09%	1.576%
45	10.248	816	819	821	rVV4	50070	103482	4.95%	0.223%
46	10.316	823	825	832	rVV4	77759	331749	15.88%	0.714%
47	10.419	832	834	835	rVV	129524	174227	8.34%	0.375%
48	10.453	835	837	838	rVV2	131556	197082	9.44%	0.424%
49	10.488	838	840	842	rVV2	54254	110134	5.27%	0.237%
50	10.568	845	847	851	rVV2	59152	112744	5.40%	0.243%
51	10.682	851	857	864	rVB2	145620	351440	16.83%	0.756%
52	10.785	864	866	869	rBV2	47773	94353	4.52%	0.203%
53	10.842	869	871	872	rVV	422668	560875	26.86%	1.206%
54	11.036	884	888	889	rVV	102251	145239	6.95%	0.312%
55	11.105	892	894	895	rVV2	63344	85080	4.07%	0.183%
56	11.139	895	897	899	rVV2	55888	110118	5.27%	0.237%
57	11.379	914	918	921	rBV4	28249	77386	3.71%	0.166%
58	11.814	954	956	959	rBV	1020679	1190964	57.03%	2.562%
59	12.019	972	974	977	rBV	267401	260162	12.46%	0.560%
60	12.076	977	979	982	rVV	851063	1449429	69.40%	3.118%
61	12.134	982	984	985	rVV2	956693	1358347	65.04%	2.922%
62	12.168	985	987	988	rVV2	730803	1153192	55.22%	2.480%
63	12.248	991	994	997	rVV	591028	840278	40.23%	1.807%
64	12.294	997	998	1001	rVV2	467086	732139	35.06%	1.575%
65	12.351	1001	1003	1006	rVV	1335422	1529011	73.21%	3.289%
66	12.396	1006	1007	1009	rVV2	445758	496659	23.78%	1.068%
67	12.671	1029	1031	1033	rVV	428642	479807	22.97%	1.032%
68	12.854	1044	1047	1049	rVV	1078416	1535921	73.54%	3.304%
69	13.231	1077	1080	1082	rBV	89817	134139	6.42%	0.289%
70	13.391	1092	1094	1097	rBV	414202	493870	23.65%	1.062%
71	13.459	1097	1100	1102	rVV	712170	1097274	52.54%	2.360%

LSC Area Percent Report

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Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.494	1102	1103	1107	rVV2	1051085	2088467	100.00%	4.492%
73	13.551	1107	1108	1111	rVV	917982	1085559	51.98%	2.335%
74	13.619	1111	1114	1115	rVV2	694912	1179971	56.50%	2.538%
75	13.642	1115	1116	1118	rVV2	905954	1102678	52.80%	2.372%
76	13.677	1118	1119	1121	rVV	518523	615221	29.46%	1.323%
77	13.711	1121	1122	1125	rVV	1016257	1305364	62.50%	2.808%
78	13.768	1125	1127	1130	rVB	654933	772023	36.97%	1.661%
79	13.894	1136	1138	1140	rBV2	136907	170717	8.17%	0.367%
80	14.145	1158	1160	1162	rVV2	66356	110684	5.30%	0.238%
81	14.237	1164	1168	1169	rVV2	53792	146217	7.00%	0.314%
82	14.294	1169	1173	1174	rVV2	150921	343401	16.44%	0.739%
83	14.317	1174	1175	1178	rVV	72069	141327	6.77%	0.304%
84	14.397	1179	1182	1185	rVV2	72183	142489	6.82%	0.306%
85	14.602	1196	1200	1203	rBV2	39510	74042	3.55%	0.159%
86	14.671	1203	1206	1208	rVB	1615734	1675342	80.22%	3.603%
87	14.751	1210	1213	1217	rBV	125061	159746	7.65%	0.344%
88	14.842	1217	1221	1223	rBV2	350209	903862	43.28%	1.944%
89	14.888	1223	1225	1226	rVV2	284248	408347	19.55%	0.878%
90	14.911	1226	1227	1229	rVV2	160772	231170	11.07%	0.497%
91	14.991	1229	1234	1237	rVV3	253377	745547	35.70%	1.604%
92	15.048	1237	1239	1242	rVB	334070	396393	18.98%	0.853%
93	15.105	1242	1244	1246	rBV	132673	133478	6.39%	0.287%
94	15.951	1315	1318	1320	rVV	542019	648215	31.04%	1.394%
95	16.111	1330	1332	1333	rVV	59865	97980	4.69%	0.211%
96	16.145	1333	1335	1336	rVV	234513	317388	15.20%	0.683%
97	16.180	1336	1338	1341	rVV4	224772	487934	23.36%	1.049%
98	16.237	1341	1343	1346	rVV3	42733	116100	5.56%	0.250%
99	16.283	1346	1347	1353	rVB	70375	106399	5.09%	0.229%
100	17.631	1462	1465	1467	rBV	406505	564711	27.04%	1.215%

Sum of corrected areas: 46492157

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
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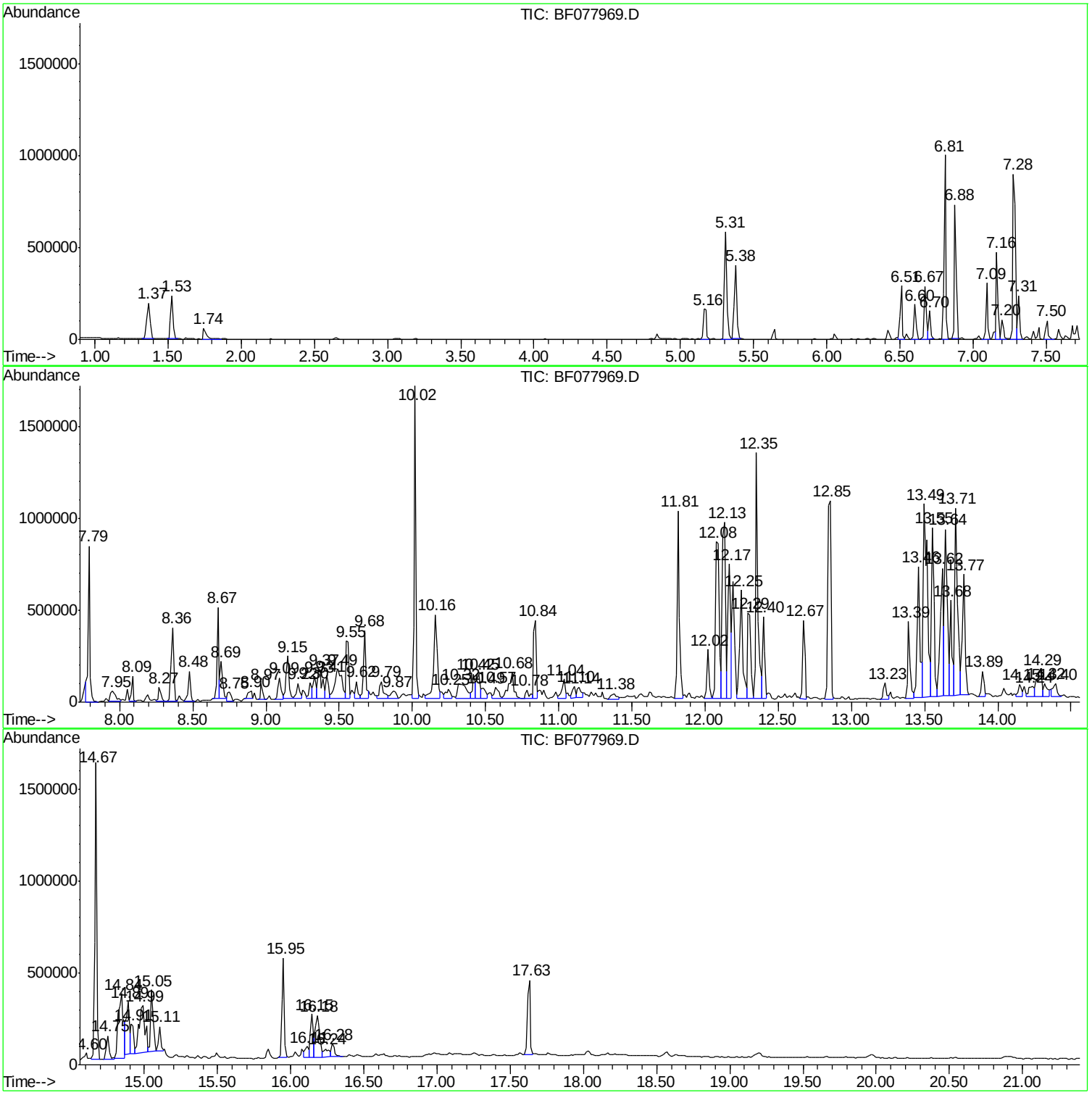
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF032515\
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Instrument : BNA_F
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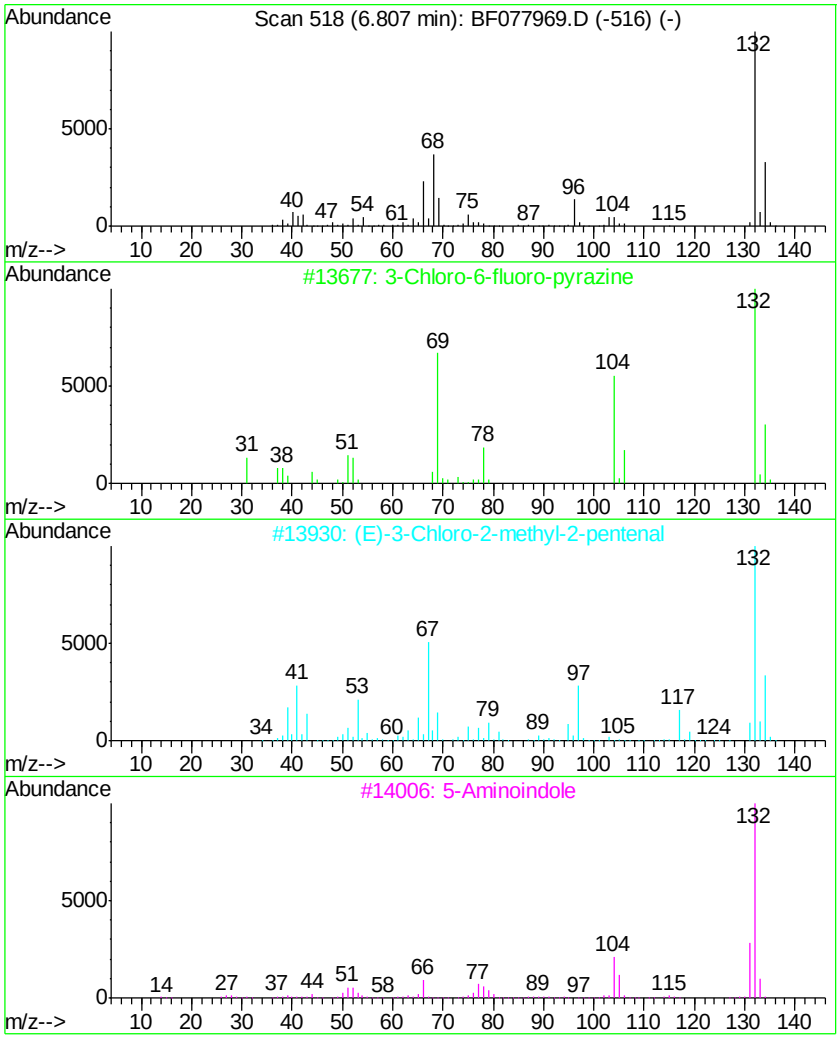
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

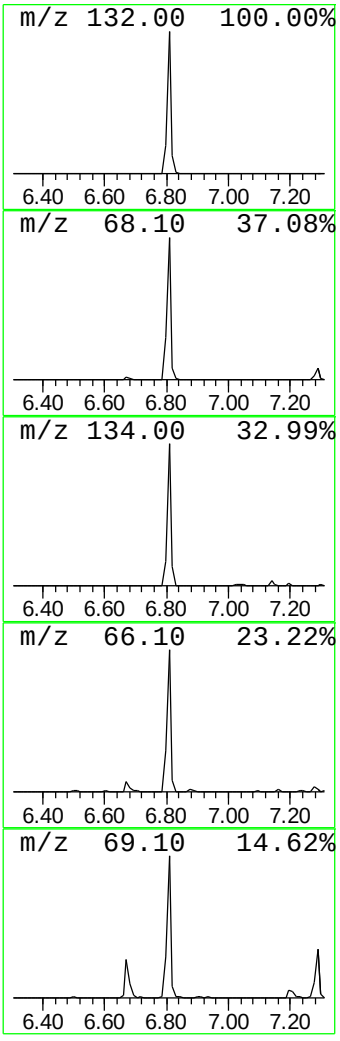
****

Peak Number 2 unknown6.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	67.29 ng	930760	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
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Sample : G1643-07
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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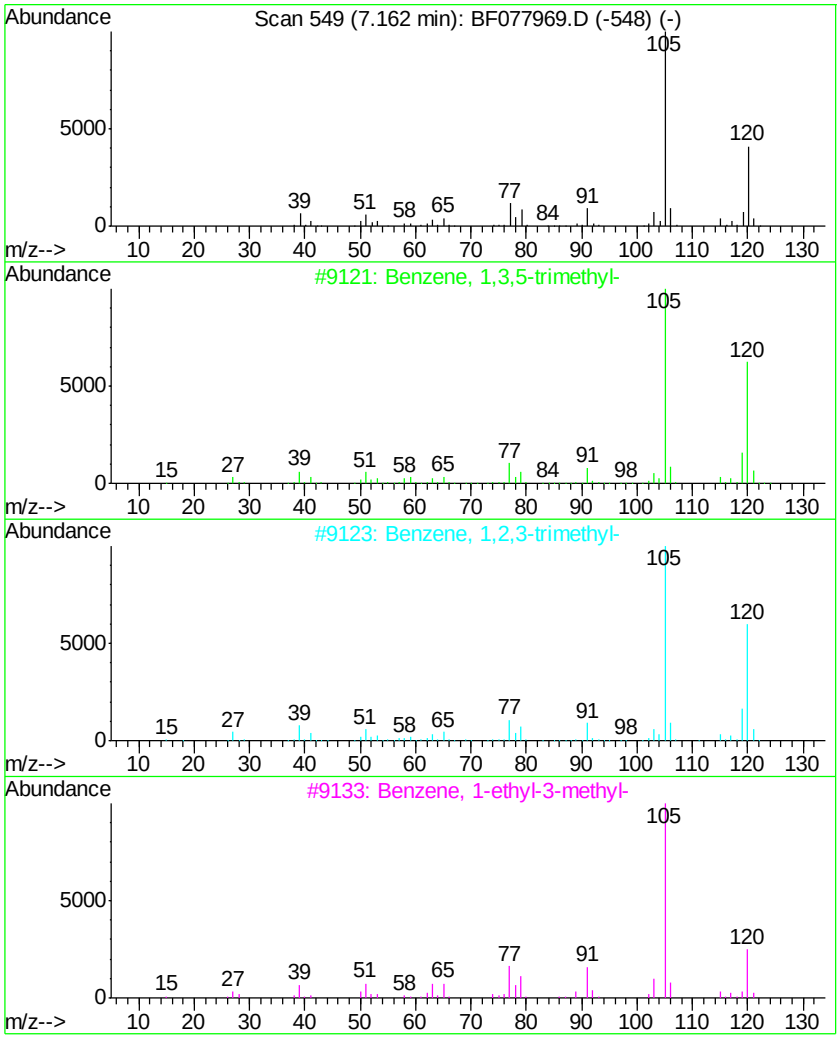
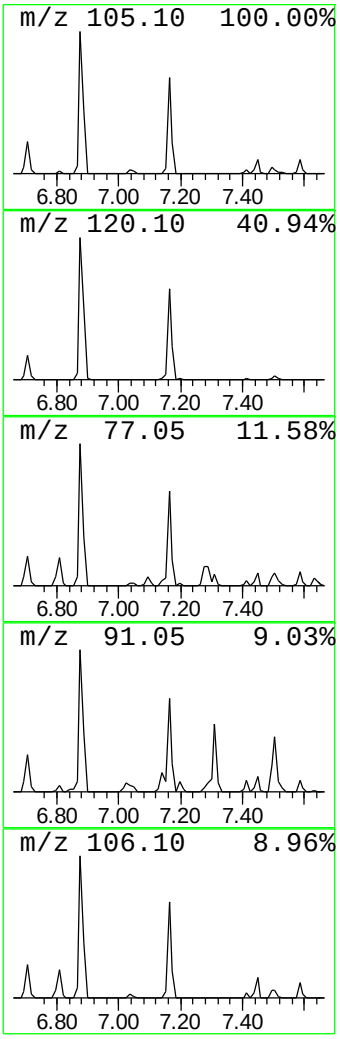
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	31.14 ng	430695	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

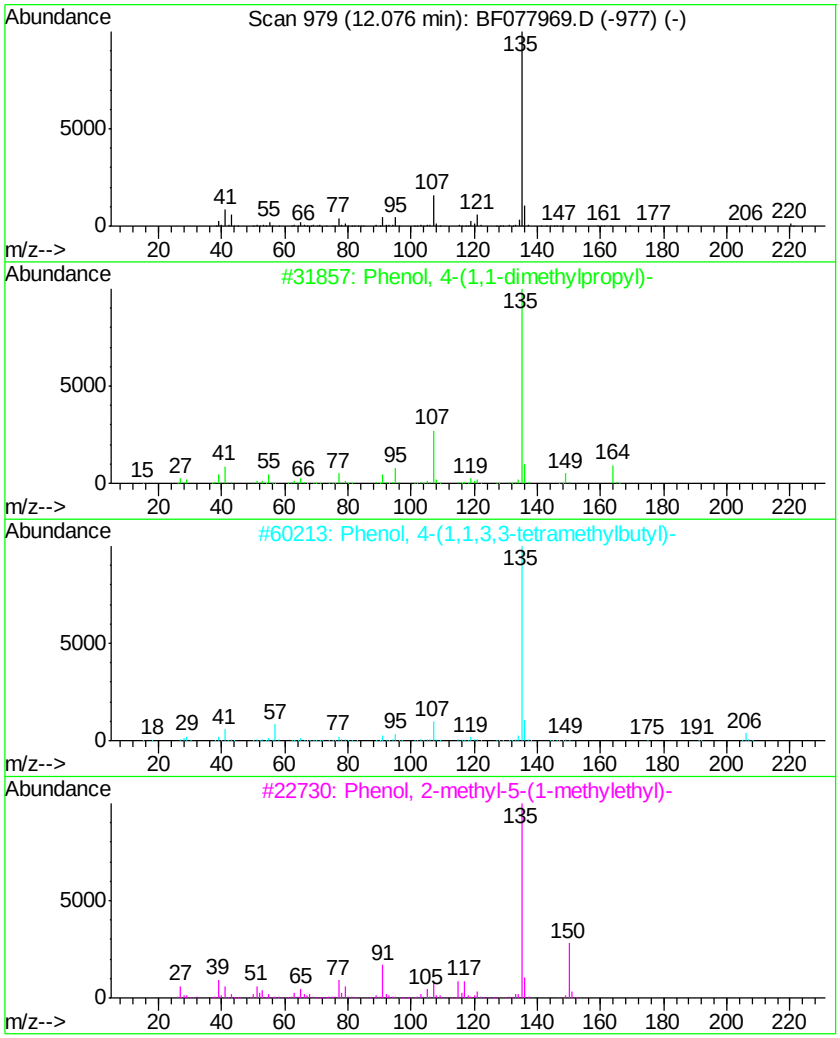
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

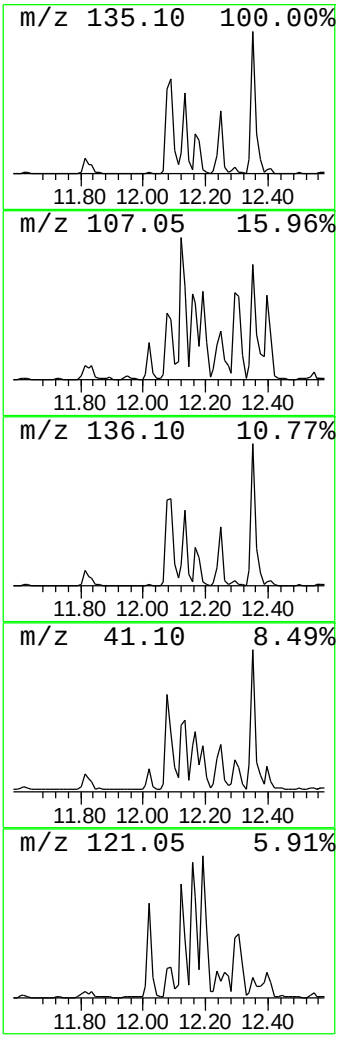
****

Peak Number 6 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	60.42 ng	1449430	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	83
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	78
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64





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Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

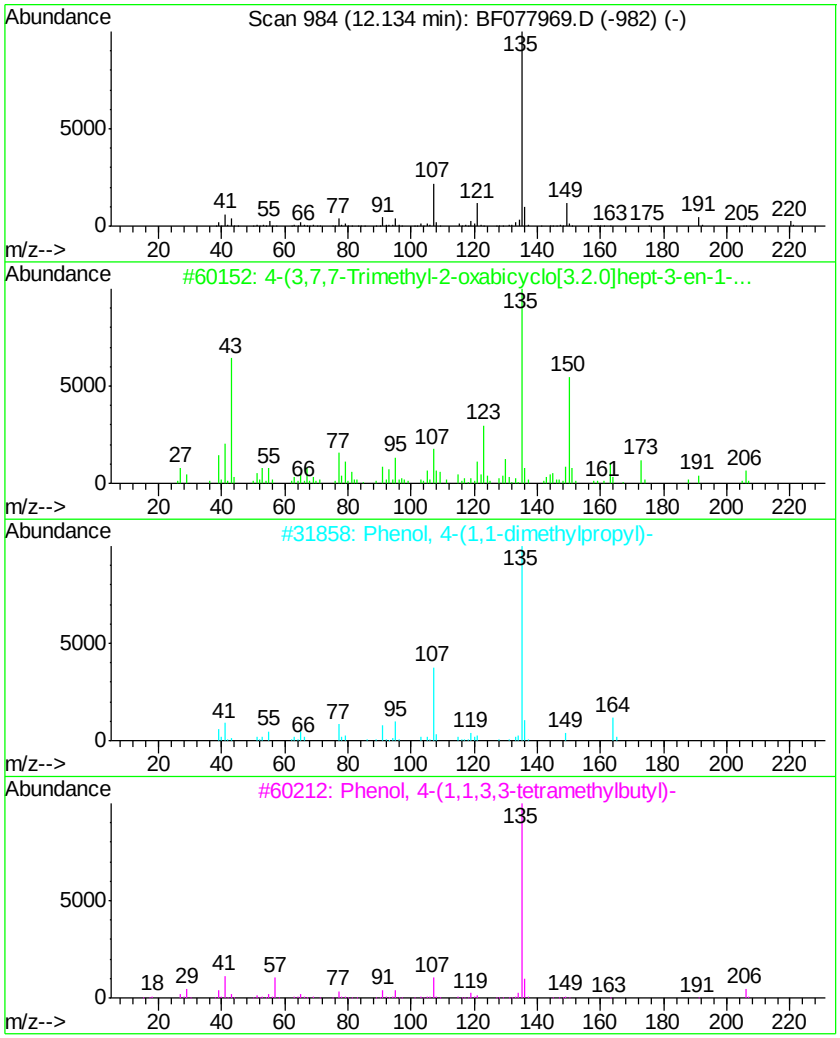
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

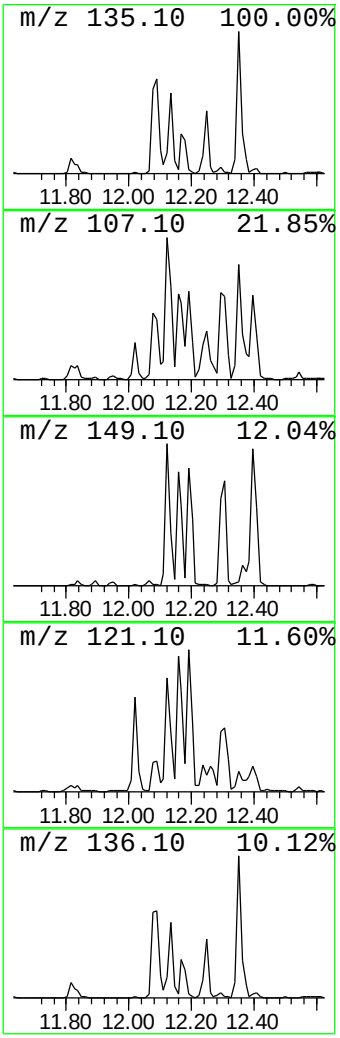
****

Peak Number 7 4-(3,7,7-Trimethyl-2-oxabic... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	56.62 ng	1358350	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(3,7,7-Trimethyl-2-oxabicyclo[...	206	C13H18O2	054686-00-9	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
4	p-Methoxyheptanophenone	220	C14H20O2	069287-13-4	50
5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	50





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

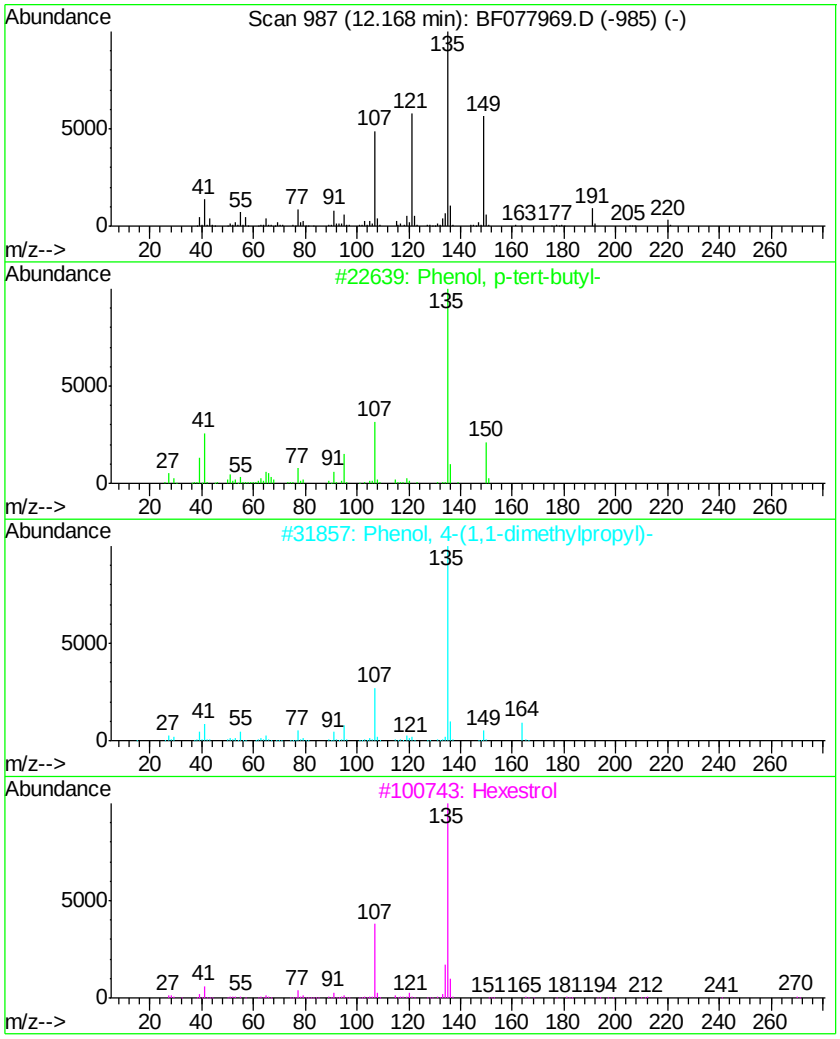
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

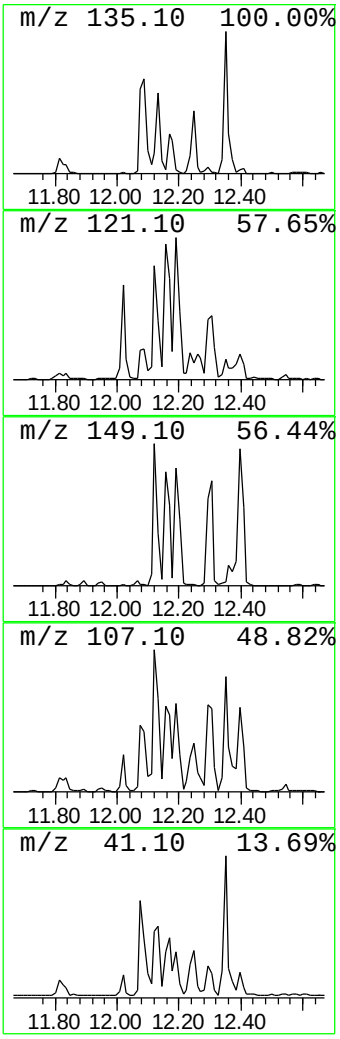
****

Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	48.07 ng	1153190	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Hexestrol	270	C18H22O2	005635-50-7	47
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43





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Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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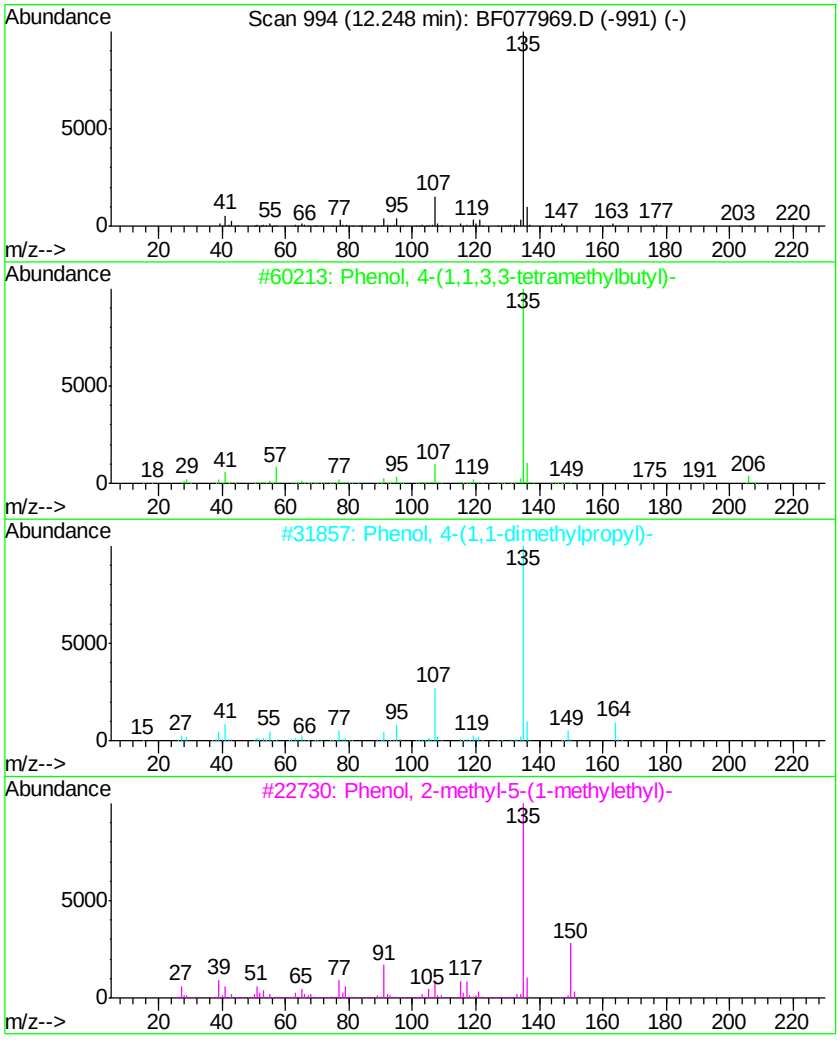
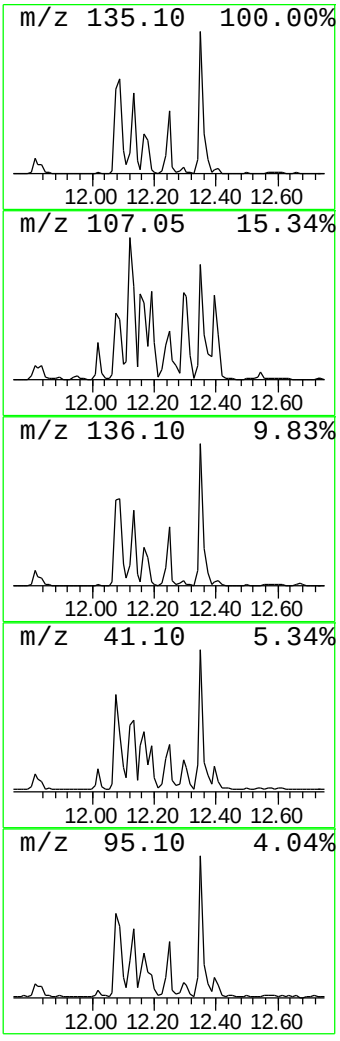
Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	35.03 ng	840278	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	56
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	50





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Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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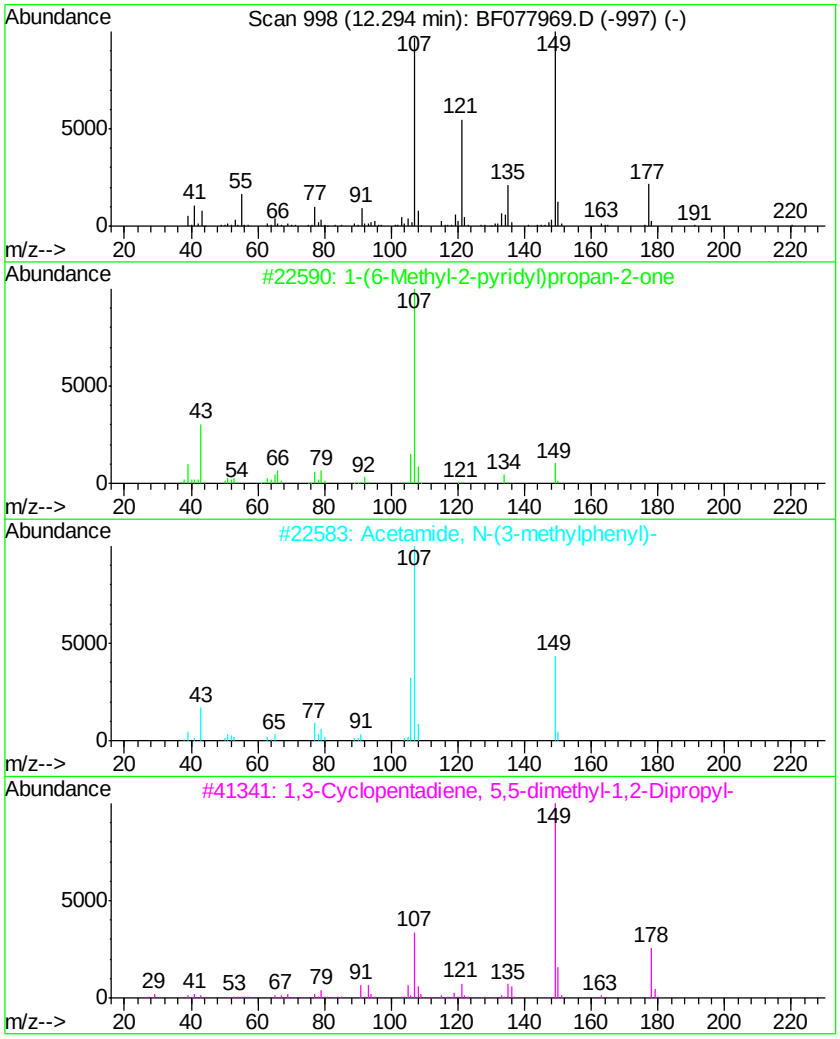
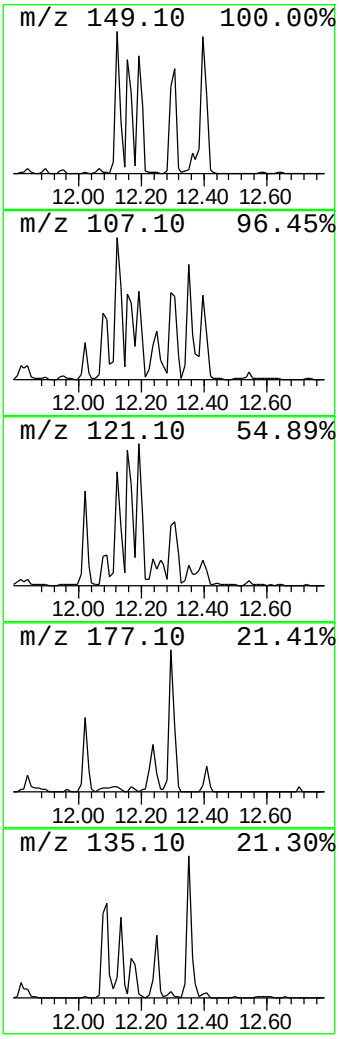
Peak Number 10 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	30.52 ng	732139	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	53
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	45
4	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	43
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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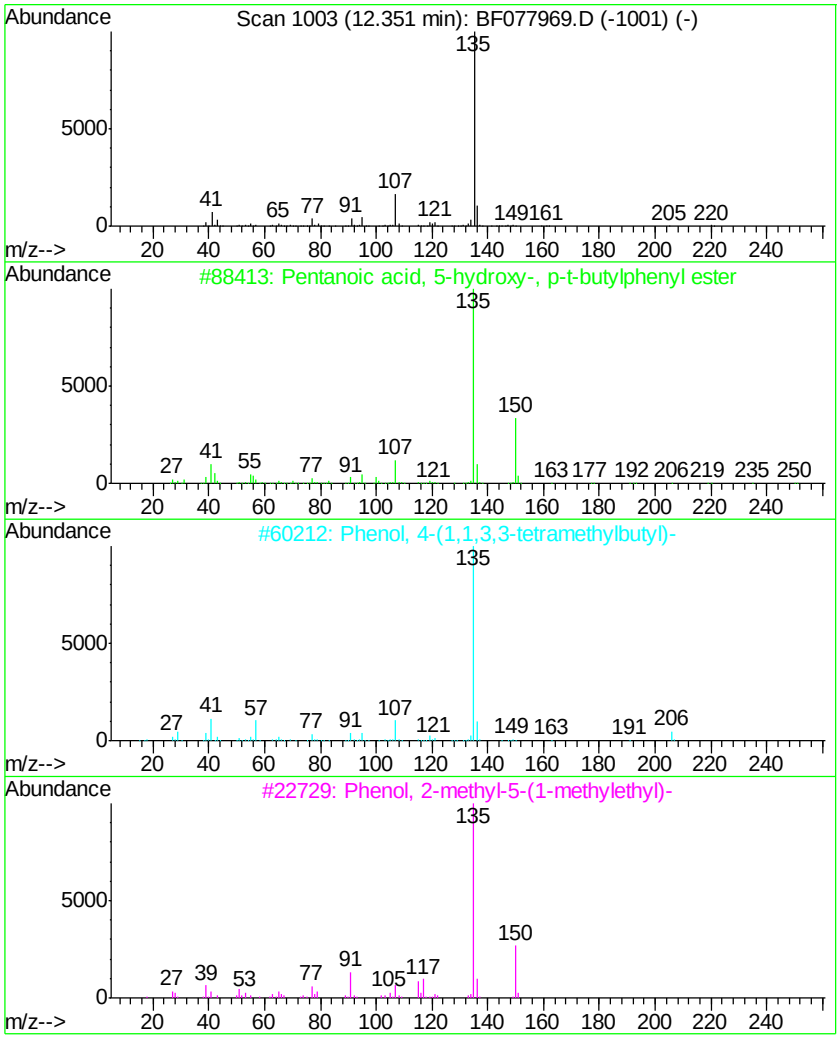
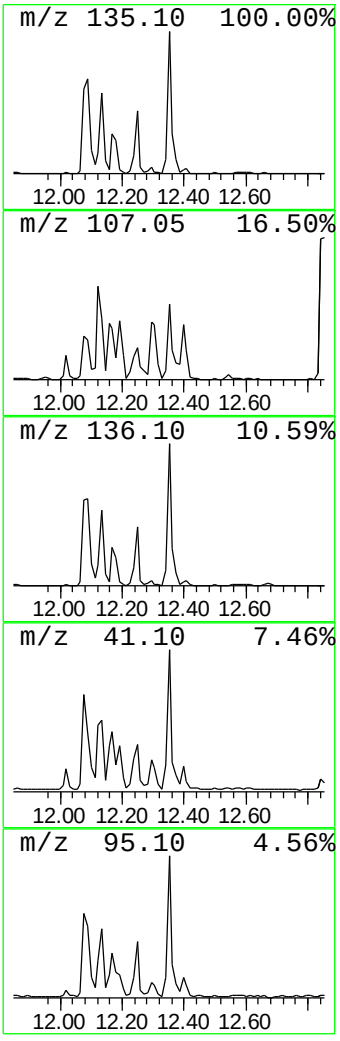
Peak Number 11 Pentanoic acid, 5-hydroxy-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	63.73 ng	1529010	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	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	56
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56





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Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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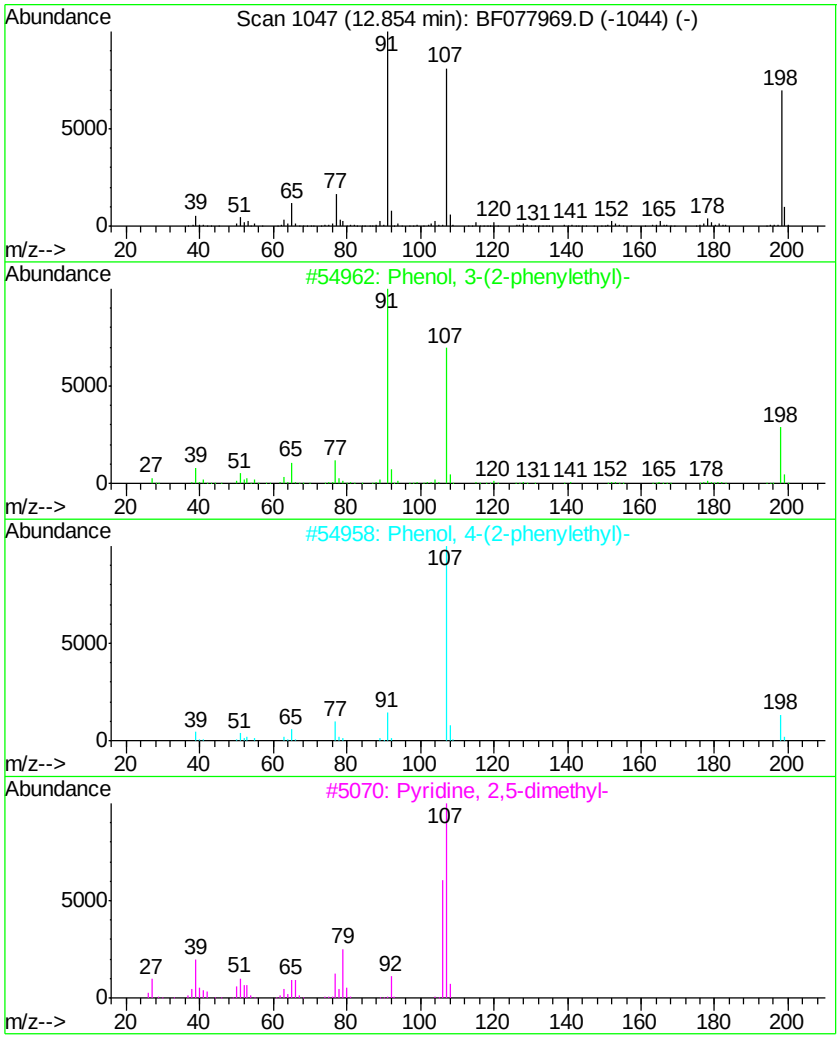
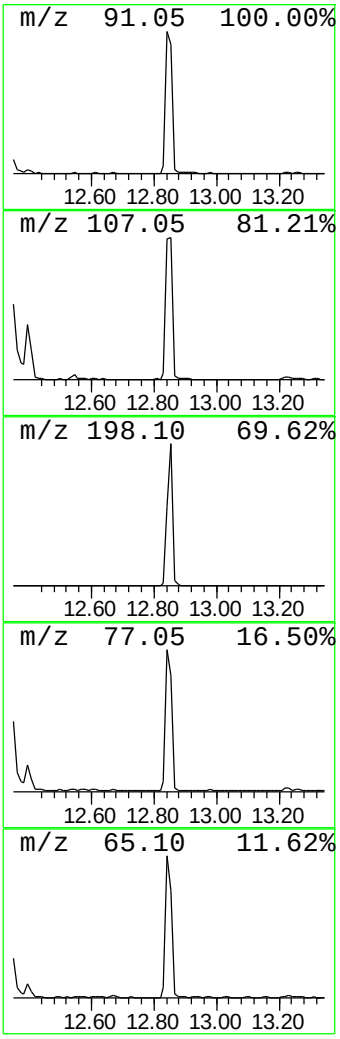
Peak Number 12 Phenol, 3-(2-phenylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	64.02 ng	1535920	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	95
2	Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	64
3	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	43
4	Benzenemethanol, .alpha.-(2,2-di...	178	C12H18O	062338-03-8	43
5	4-(2-Methoxyethyl)phenol	152	C9H12O2	056718-71-9	38





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Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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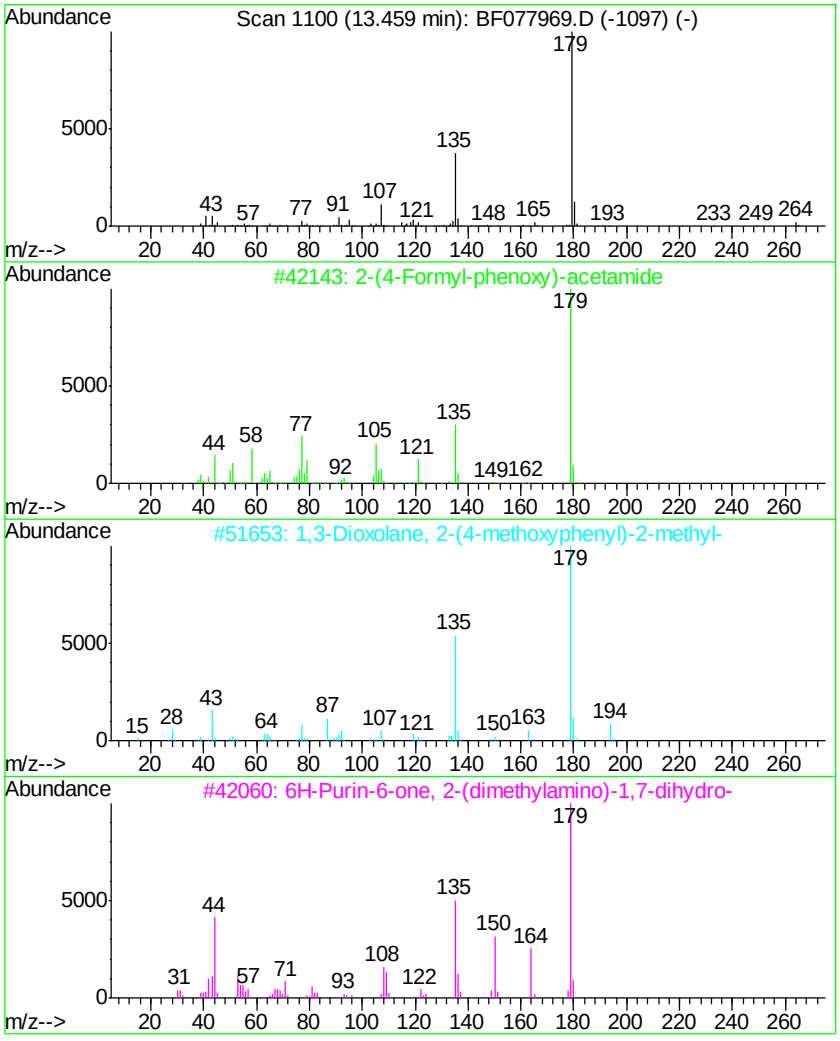
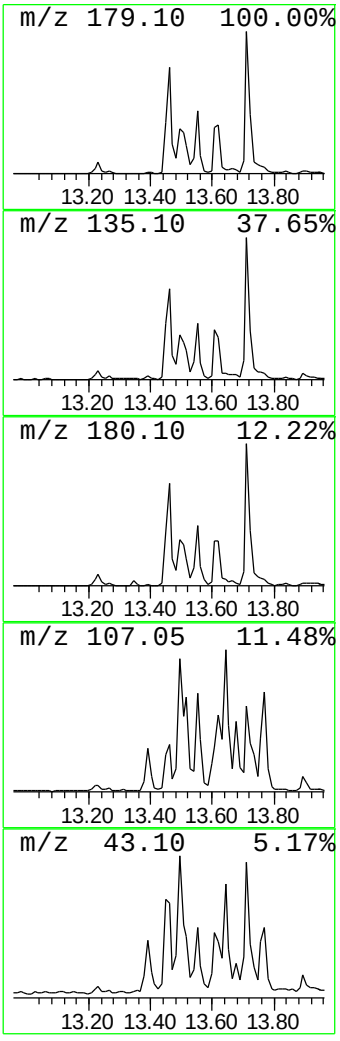
Peak Number 13 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	45.74 ng	1097270	Phenanthrene-d10	12.67

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-methoxyphenyl...	194	C11H14O3	036881-00-2	56
3	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	39
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	38
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	33





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Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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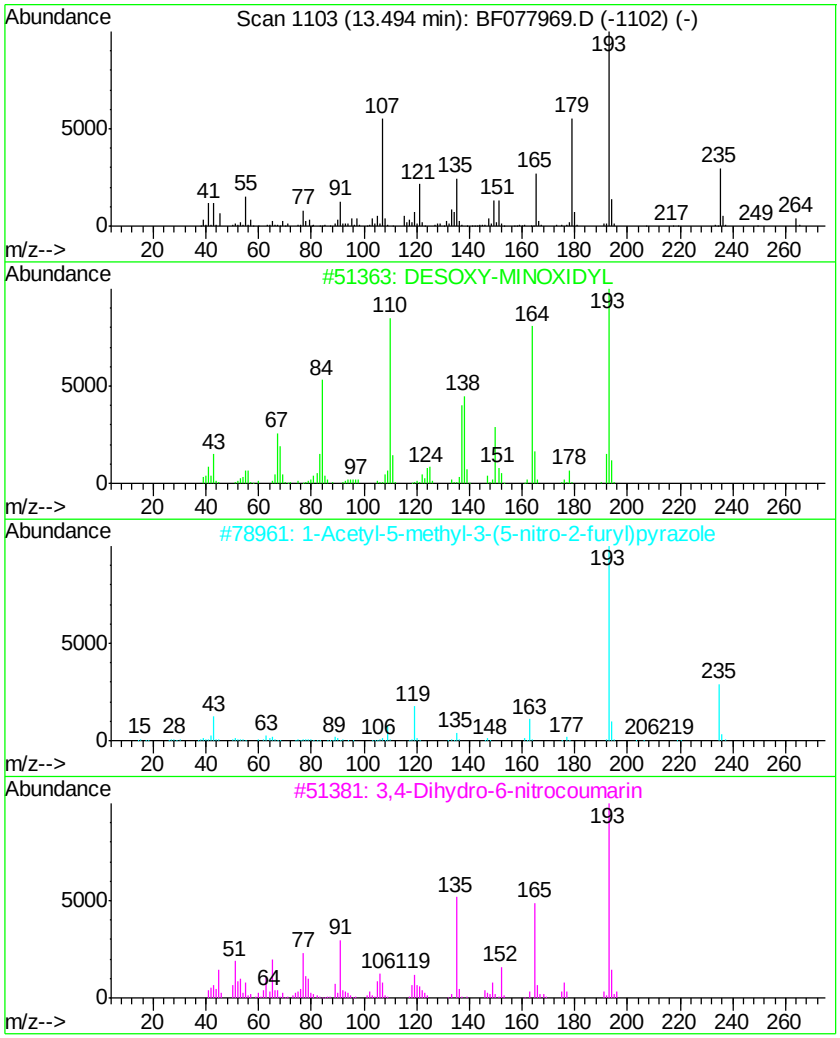
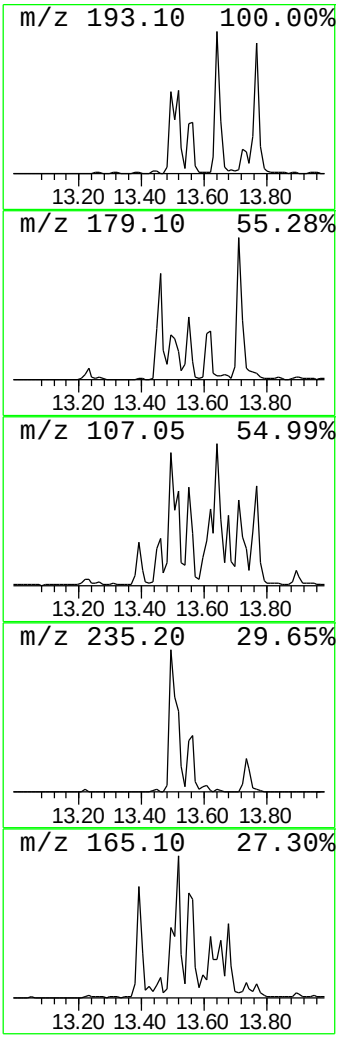
Peak Number 14 unknown13.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	87.05 ng	2088470	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DESOXY-MINOXIDYL	193	C9H15N5	1000246-13-2	38
2	1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	38
3	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	38
4	Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FNO2	279691-75-7	35
5	Methyl 5-acetyl-2-methoxybenzoate	208	C11H12O4	039971-36-3	27





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Sample : G1643-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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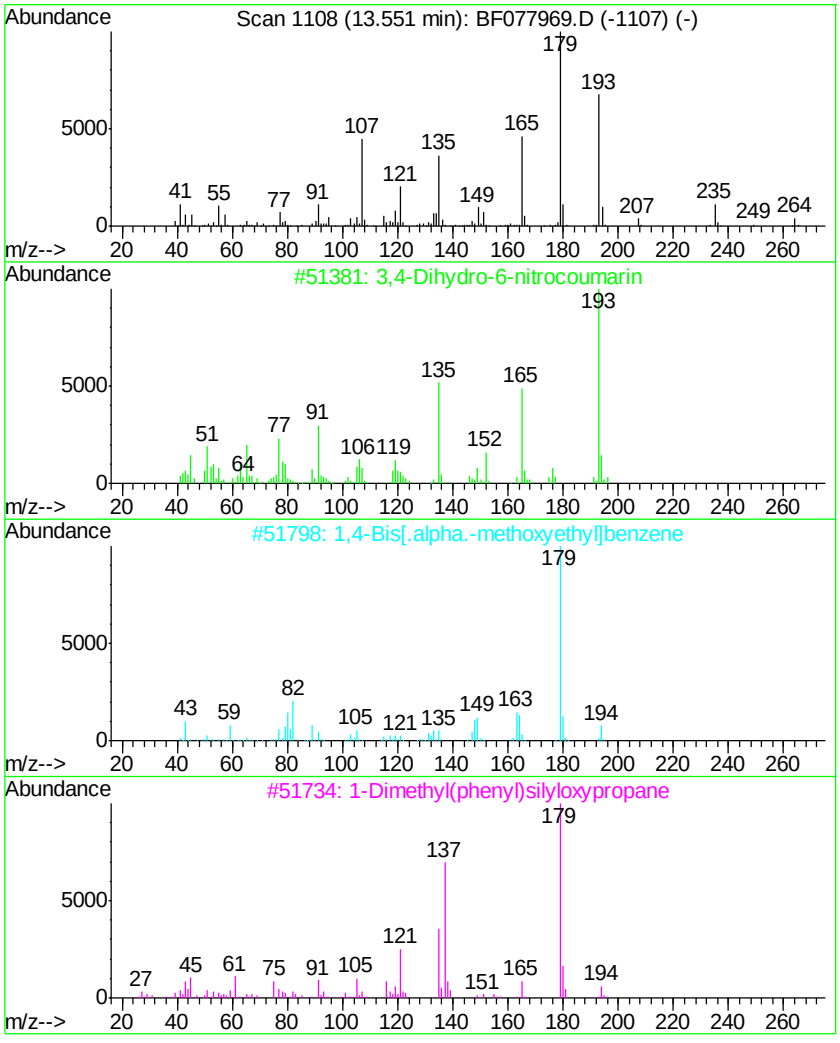
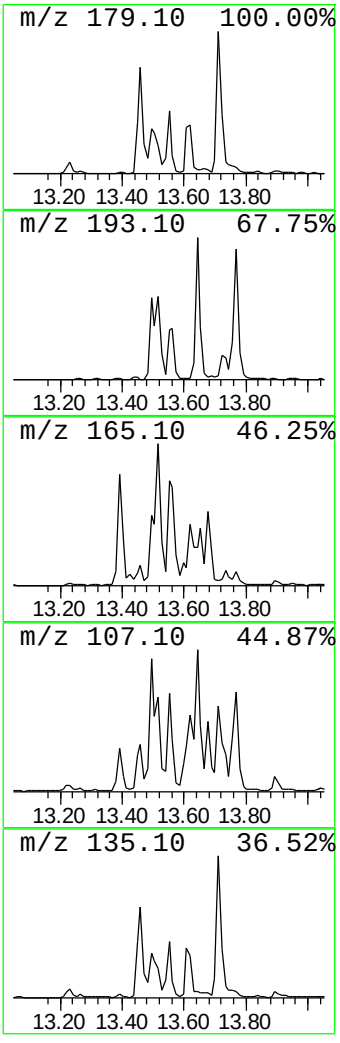
Peak Number 15 unknown13.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	45.25 ng	1085560	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	46
2	1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	35
3	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	27
4	Acetophenone, 2',4'-dimethoxy-3'...	194	C11H14O3	060512-80-3	27
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	25





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Sample : G1643-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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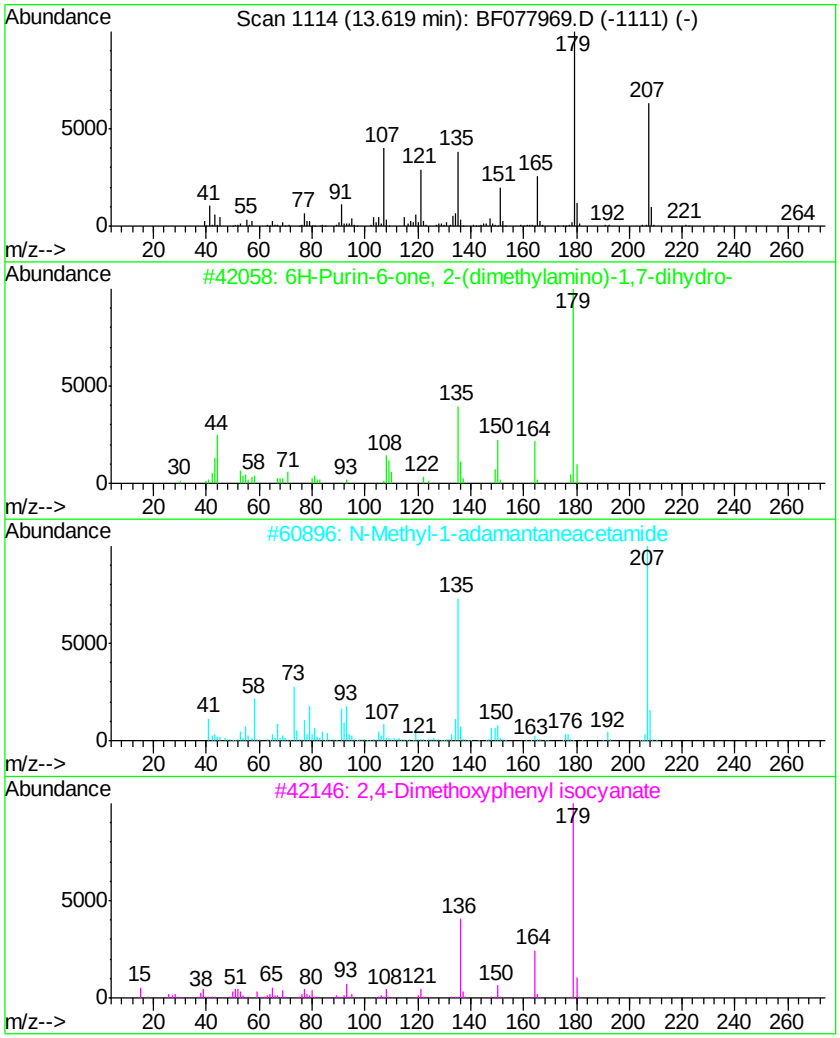
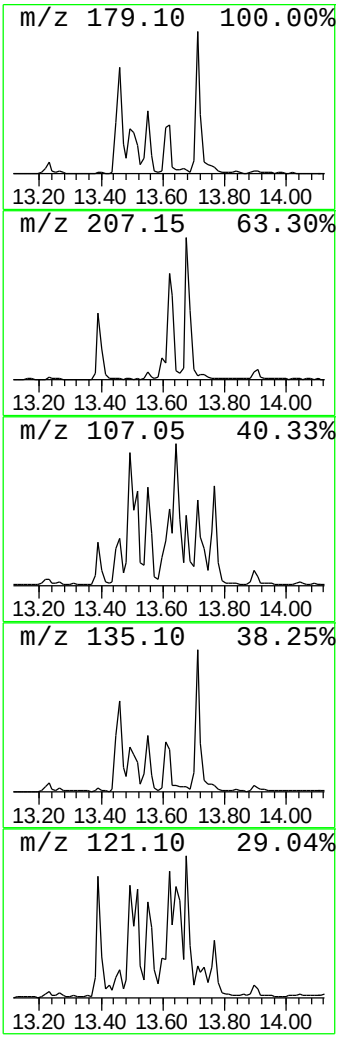
Peak Number 16 unknown13.62 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	49.19 ng	1179970	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	23
2	N-Methyl-1-adamantaneacetamide	207	C13H21NO	031897-93-5	22
3	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	22
4	5-(1-Cyclohexenyl)-5-ethyl-2,4-i...	208	C11H16N2O2	075356-49-9	22
5	1-Dimethyl(phenyl)silyloxypropane	194	C11H18OSi	013360-21-9	17





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Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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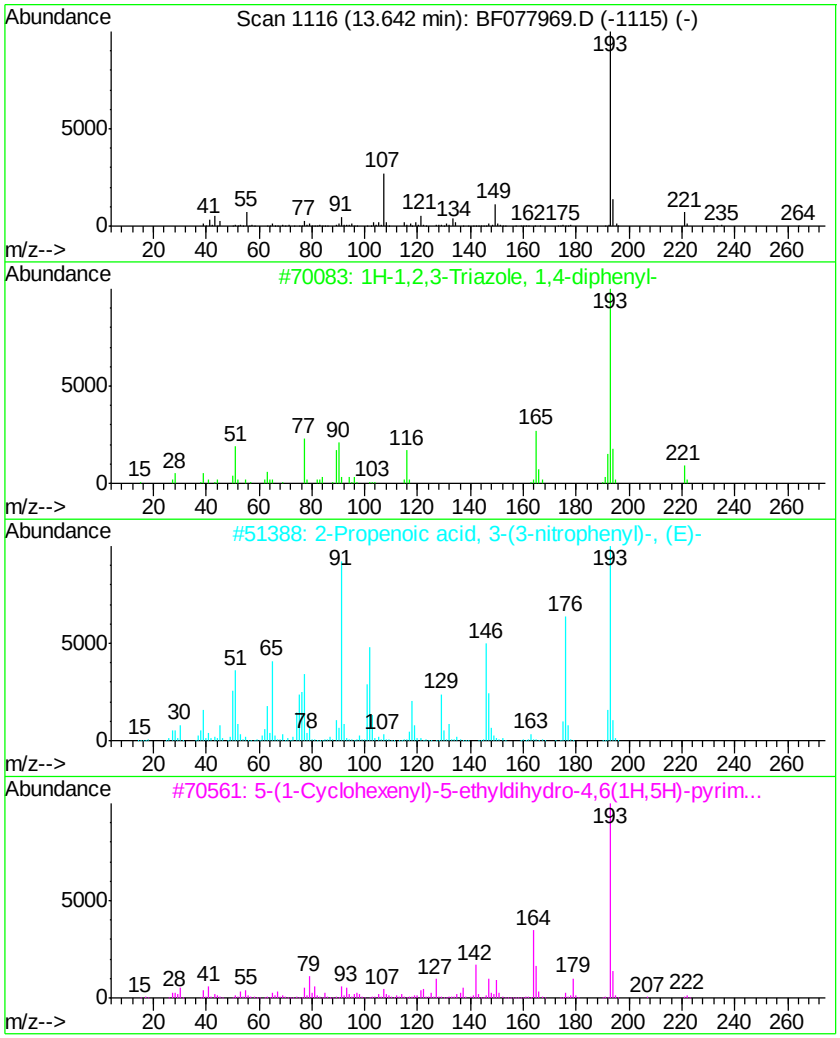
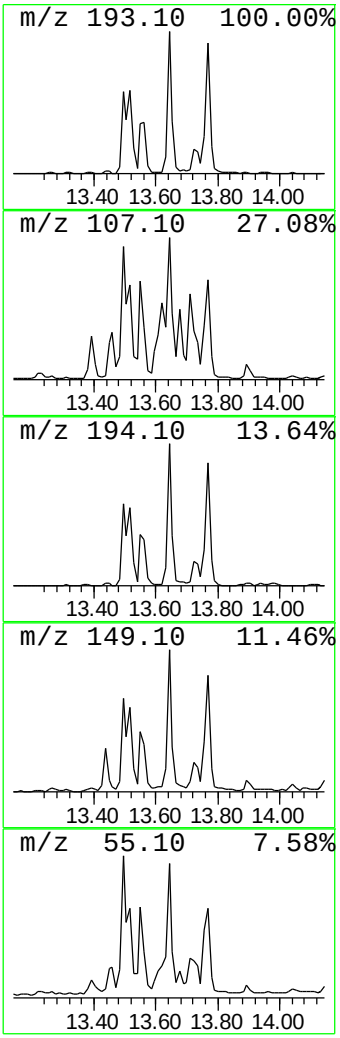
Peak Number 17 1H-1,2,3-Triazole, 1,4-diph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	45.96 ng	1102680	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,3-Triazole, 1,4-diphenyl-	221	C14H11N3	013148-78-2	50
2	2-Propenoic acid, 3-(3-nitrophen...	193	C9H7NO4	001772-76-5	49
3	5-(1-Cyclohexenyl)-5-ethyldihydr...	222	C12H18N2O2	091908-20-2	36
4	Ethanol, 2-[4-(1,1-dimethylethyl...	208	C13H20O2	054934-87-1	33
5	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	33





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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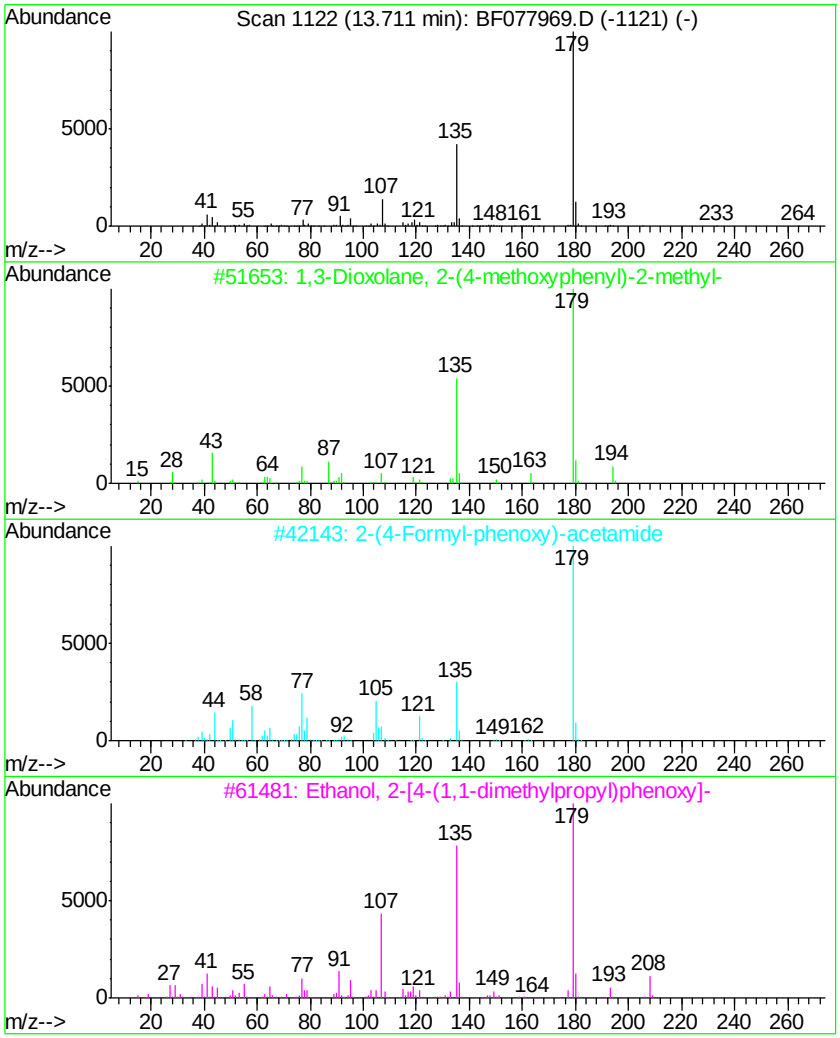
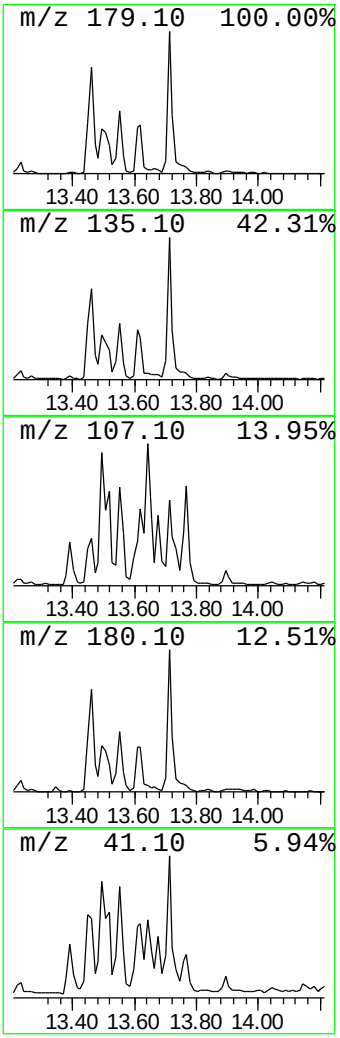
Peak Number 18 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	54.41 ng	1305360	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	78
2	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	78
3	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
4	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	58
5	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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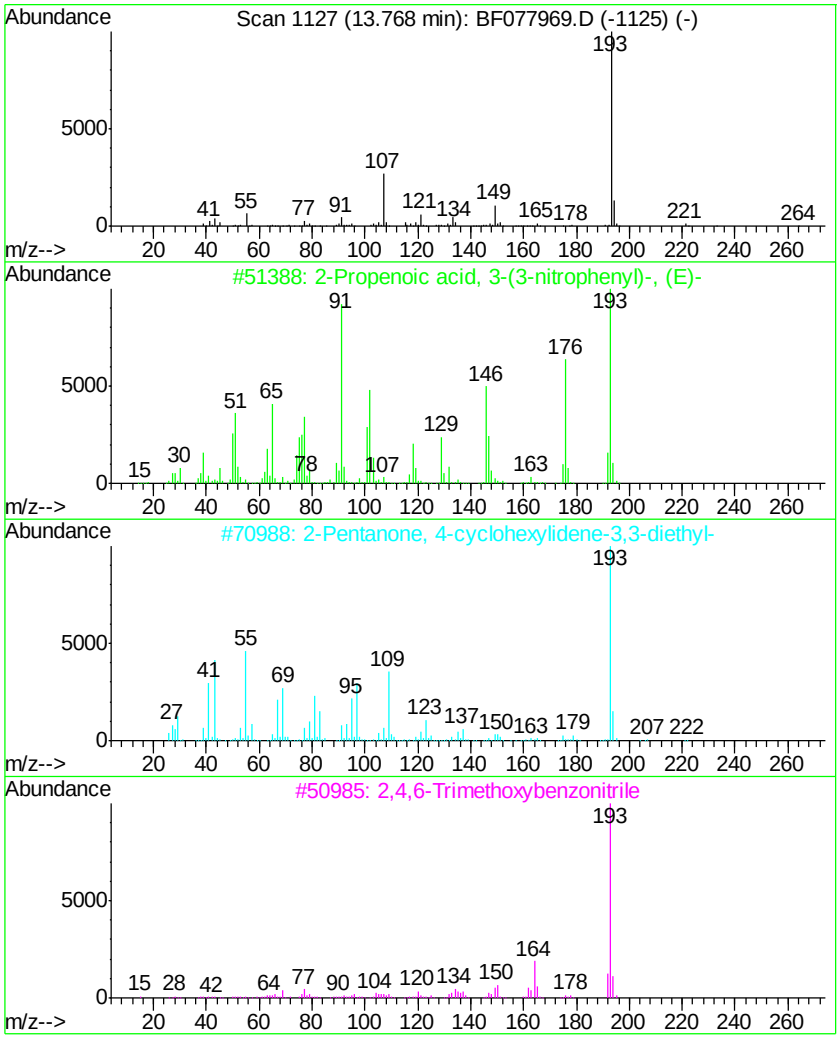
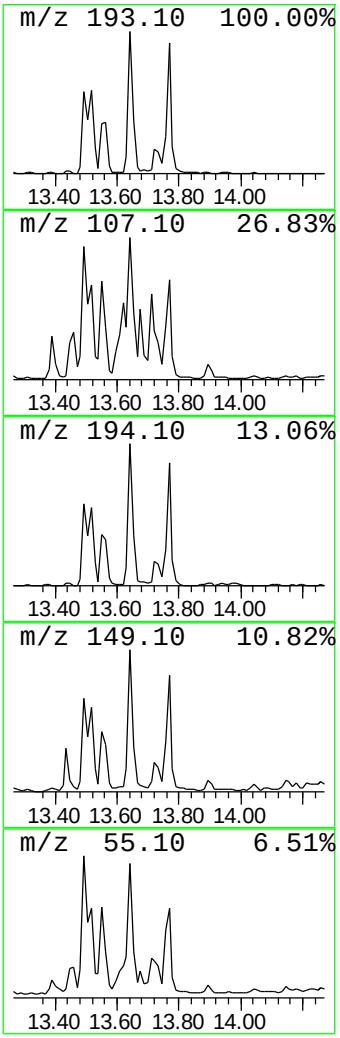
Peak Number 19 2-Propenoic acid, 3-(3-nitr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	32.18 ng	772023	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-nitrophen...	193	C9H7NO4	001772-76-5	52
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	40
4	2-Aminobenzothiazol-6-carboxamide	193	C8H7N3OS	111962-90-4	36
5	Adamantane-1-carboxylic acid, 3-...	272	C12H17BrO2	027983-08-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

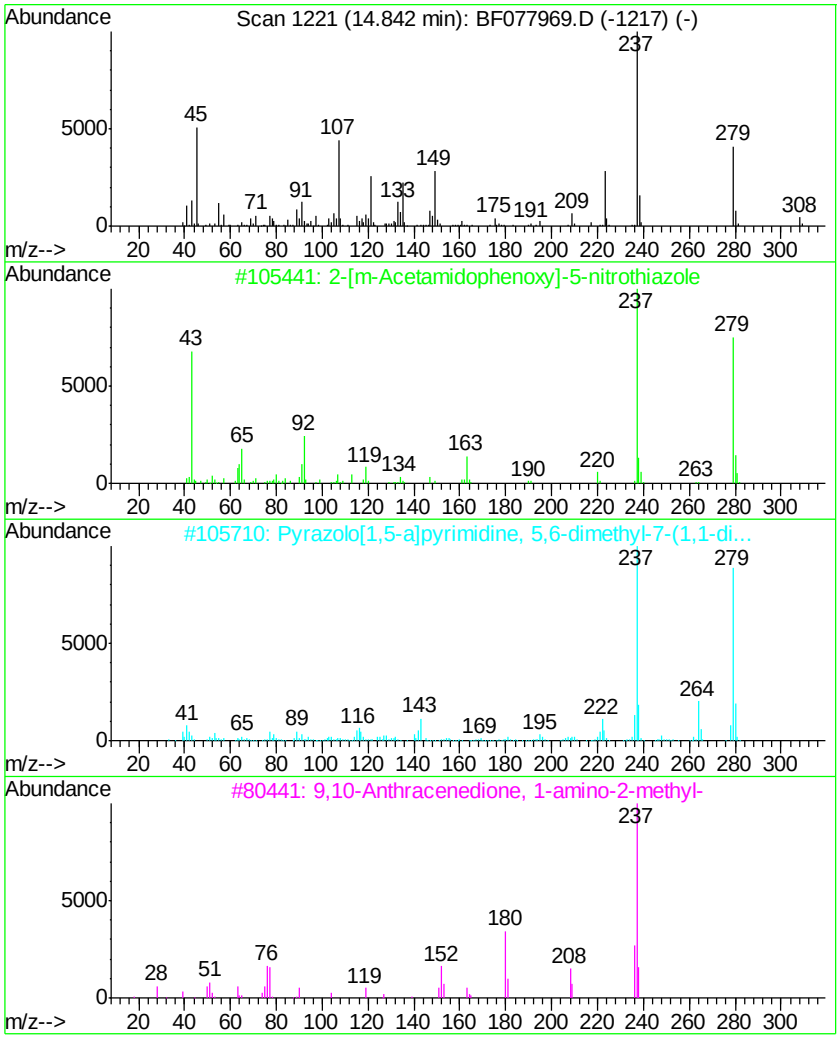
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

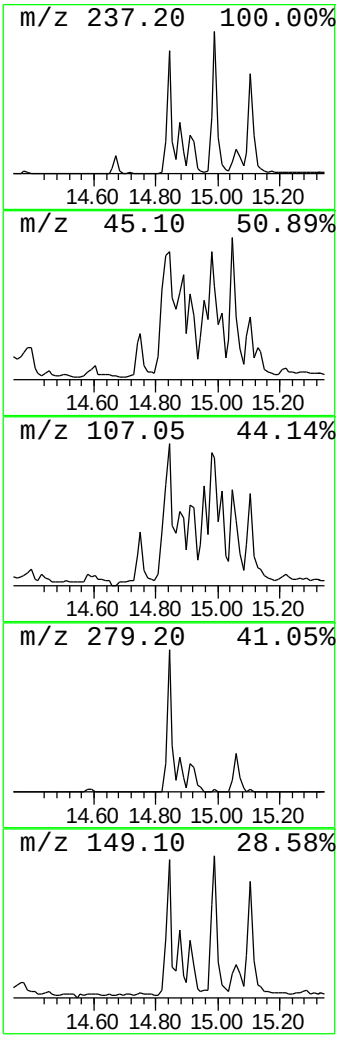
****

Peak Number 20 unknown14.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	27.89 ng	903862	Chrysene-d12	15.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[m-Acetamidophenoxy]-5-nitroth...	279	C11H9N3O4S	1000257-10-1	32
2	Pyrazolo[1,5-a]pyrimidine, 5,6-d...	279	C18H21N3	1000274-10-7	22
3	9,10-Anthracenedione, 1-amino-2-...	237	C15H11NO2	000082-28-0	18
4	Pyrido[2,3-d]pyrimidin-5(8H)-one...	237	C14H11N3O	161465-98-1	14
5	1H-Indole-2,3-dione, 3-(phenylhy...	237	C14H11N3O	017310-26-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-3-23-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
unknown6.81	6.81	67.3	ng	930760	1	7.09	276638	20.0
Benzene, 1-ethyl-...	7.16	31.1	ng	430695	1	7.09	276638	20.0
Phenol, 4-(1,1-di...	12.08	60.4	ng	1449430	4	12.67	479807	20.0
4-(3,7,7-Trimethy...	12.13	56.6	ng	1358350	4	12.67	479807	20.0
Phenol, p-tert-bu...	12.17	48.1	ng	1153190	4	12.67	479807	20.0
Phenol, 4-(1,1,3,...	12.25	35.0	ng	840278	4	12.67	479807	20.0
1-(6-Methyl-2-pyr...	12.29	30.5	ng	732139	4	12.67	479807	20.0
Pentanoic acid, 5...	12.35	63.7	ng	1529010	4	12.67	479807	20.0
Phenol, 3-(2-phen...	12.85	64.0	ng	1535920	4	12.67	479807	20.0
2-(4-Formyl-pheno...	13.46	45.7	ng	1097270	4	12.67	479807	20.0
unknown13.49	13.49	87.0	ng	2088470	4	12.67	479807	20.0
unknown13.55	13.55	45.3	ng	1085560	4	12.67	479807	20.0
unknown13.62	13.62	49.2	ng	1179970	4	12.67	479807	20.0
1H-1,2,3-Triazole...	13.64	46.0	ng	1102680	4	12.67	479807	20.0
1,3-Dioxolane, 2-...	13.71	54.4	ng	1305360	4	12.67	479807	20.0
2-Propenoic acid,...	13.77	32.2	ng	772023	4	12.67	479807	20.0
unknown14.84	14.84	27.9	ng	903862	5	15.95	648215	20.0