LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

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-BF040115.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	1.450	22	23	29	rBV	34047	53379	3.16%	0.325%
2	1.530	29	30	42	rVB	241404	523468	31.01%	3.186%
3	4.284	269	271	278	rVB	30885	47004	2.78%	0.286%
4	4.936	325	328	336	rBV	219224	408958	24.23%	2.489%
5	5.164	345	348	352	rBV	14971	24460	1.45%	0.149%
6	6.307	446	448	455	rBV	382114	438900	26.00%	2.672%
7	6.410	455	457	460	rVB	420254	466638	27.65%	2.840%
8	6.685	479	481	484	rBV	104181	121829	7.22%	0.742%
9	6.879	495	498	500	rBV	291438	367672	21.78%	2.238%
10	7.005	507	509	517	rVB	26652	37802	2.24%	0.230%
11	7.393	541	543	546	rBV	303553	281968	16.70%	1.716%
12	7.633	560	564	566	rBV	57366	88076	5.22%	0.536%
13	7.759	573	575	578	rVB	35231	36671	2.17%	0.223%
14	8.273	618	620	621	rBV	185237	181963	10.78%	1.108%
15	8.296	621	622	626	rVB	49079	46908	2.78%	0.286%
16	8.628	647	651	654	rBV3	12490	20386	1.21%	0.124%
17	9.153	695	697	699	rVB	41478	42374	2.51%	0.258%
18	9.268	704	707	710	rBV	26596	34030	2.02%	0.207%
19	9.622	735	738	740	rVB	613665	581692	34.46%	3.541%
20	9.771	749	751	754	rVB3	21821	26975	1.60%	0.164%
21	10.022	767	773	774	rBV	19416	29224	1.73%	0.178%
22	10.136	781	783	784	rVV	34927	34201	2.03%	0.208%
23	10.159	784	785	790	rVB	21446	28618	1.70%	0.174%
24	10.251	790	793	797	rBV	48378	54271	3.22%	0.330%
25	10.422	806	808	810	rVB	241527	239048	14.16%	1.455%
26	10.468	810	812	814	rVB	16731	21892	1.30%	0.133%
27	10.674	829	830	833	rBV2	18266	30006	1.78%	0.183%
28	10.742	833	836	838	rVB2	13388	19892	1.18%	0.121%
29	10.936	850	853	856	rBV3	7357	18502	1.10%	0.113%
30	11.039	860	862	865	rVV2	27604	34082	2.02%	0.207%
31	11.096	865	867	870	rVB	35504	35569	2.11%	0.217%
32	11.302	883	885	891	rBV3	24337	48891	2.90%	0.298%
33	11.394	891	893	896	rVV2	326059	374820	22.21%	2.282%
34	11.634	911	914	917	rBV	36722	72971	4.32%	0.444%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.782	924	927	929	rBV2	9269	20154	1.19%	0.123%
36	11.942	940	941	943	rBV2	21298	33031	1.96%	0.201%
37	12.011	946	947	950	rVB	34054	35380	2.10%	0.215%
38	12.079	950	953	955	rBV	19666	26566	1.57%	0.162%
39	12.182	960	962	964	rVV	27026	26145	1.55%	0.159%
40	12.239	965	967	968	rVV	218440	228902	13.56%	1.393%
41	12.274	968	970	972	rVB	346215	348914	20.67%	2.124%
42	12.331	972	975	978	rVB	107236	119698	7.09%	0.729%
43	12.399	978	981	983	rBV3	12533	28904	1.71%	0.176%
44	12.559	992	995	1000	rBV2	69406	104741	6.21%	0.638%
45	12.708	1006	1008	1011	rBV2	19960	29031	1.72%	0.177%
46	12.868	1020	1022	1023	rBV	58902	56373	3.34%	0.343%
47	12.902	1023	1025	1028	rVB	90365	94576	5.60%	0.576%
48	12.960	1028	1030	1031	rBV	39109	38058	2.25%	0.232%
49	12.994	1031	1033	1039	rVB3	85874	226263	13.40%	1.377%
50	13.120	1042	1044	1045	rVV2	11203	17168	1.02%	0.105%
51	13.142	1045	1046	1050	rVB4	8400	19260	1.14%	0.117%
52	13.222	1050	1053	1054	rBV2	18558	40110	2.38%	0.244%
53	13.245	1054	1055	1060	rVB2	53045	87480	5.18%	0.532%
54	13.428	1069	1071	1073	rBV	16940	26148	1.55%	0.159%
55	13.485	1075	1076	1078	rVB	13731	17415	1.03%	0.106%
56	13.554	1078	1082	1084	rBV	60357	116466	6.90%	0.709%
57	13.588	1084	1085	1087	rVV	29070	35136	2.08%	0.214%
58	13.645	1087	1090	1093	rVB3	31088	69011	4.09%	0.420%
59	13.702	1093	1095	1096	rBV	22791	34416	2.04%	0.209%
60	13.737	1096	1098	1100	rVB	567660	645926	38.27%	3.932%
61	13.771	1100	1101	1103	rVB	31668	36525	2.16%	0.222%
62	13.817	1103	1105	1106	rBV	28718	35918	2.13%	0.219%
63	13.851	1106	1108	1111	rVB2	29702	39173	2.32%	0.238%
64	13.908	1111	1113	1115	rBV2	40519	65246	3.87%	0.397%
65	14.000	1119	1121	1124	rVB	554513	696581	41.27%	4.240%
66	14.080	1124	1128	1129	rBV3	34357	53195	3.15%	0.324%
67	14.125	1129	1132	1134	rBV	392683	564066	33.42%	3.434%
68	14.171	1134	1136	1137	rVV2	54305	74895	4.44%	0.456%
69	14.228	1139	1141	1144	rVV	485523	689350	40.84%	4.196%
70	14.297	1144	1147	1149	rVB2	32021	44233	2.62%	0.269%
71	14.423	1156	1158	1161	rVB2	76547	107389	6.36%	0.654%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.503	1163	1165	1167	rBV	34687	55350	3.28%	0.337%
73	14.548	1167	1169	1172	rBV2	71954	116248	6.89%	0.708%
74	14.663	1177	1179	1180	rVB	28794	36958	2.19%	0.225%
75	14.697	1180	1182	1183	rBV	29258	32226	1.91%	0.196%
76	14.983	1206	1207	1210	rVB2	28691	28511	1.69%	0.174%
77	15.051	1210	1213	1217	rBV2	64359	99800	5.91%	0.607%
78	15.177	1222	1224	1226	rBV	64022	101292	6.00%	0.617%
79	15.223	1226	1228	1231	rVV3	61569	141142	8.36%	0.859%
80	15.314	1234	1236	1239	rVB	55773	67684	4.01%	0.412%
81	15.428	1244	1246	1248	rBV2	84473	128979	7.64%	0.785%
82	15.497	1249	1252	1253	rVV2	404712	711368	42.14%	4.330%
83	15.531	1253	1255	1257	rVV	339339	385651	22.85%	2.347%
84	15.600	1258	1261	1263	rVV	1288470	1687926	100.00%	10.275%
85	15.680	1266	1268	1271	rBV2	47721	72004	4.27%	0.438%
86	15.760	1273	1275	1276	rVB	49740	52860	3.13%	0.322%
87	15.806	1276	1279	1280	rBV	46237	68996	4.09%	0.420%
88	16.000	1293	1296	1298	rBV	73565	109076	6.46%	0.664%
89	16.263	1316	1319	1322	rVB3	43228	84635	5.01%	0.515%
90	16.788	1362	1365	1366	rBV	374651	619090	36.68%	3.768%
91	16.903	1373	1375	1377	rVB	81737	104150	6.17%	0.634%
92	17.097	1390	1392	1395	rVB	245403	287281	17.02%	1.749%
93	17.166	1395	1398	1400	rVB	315881	434343	25.73%	2.644%
94	17.223	1401	1403	1408	rBV2	214824	418382	24.79%	2.547%
95	18.446	1507	1510	1514	rVB2	188973	367257	21.76%	2.236%
96	18.766	1536	1538	1546	rVB	183979	412002	24.41%	2.508%

Sum of corrected areas: 16428194

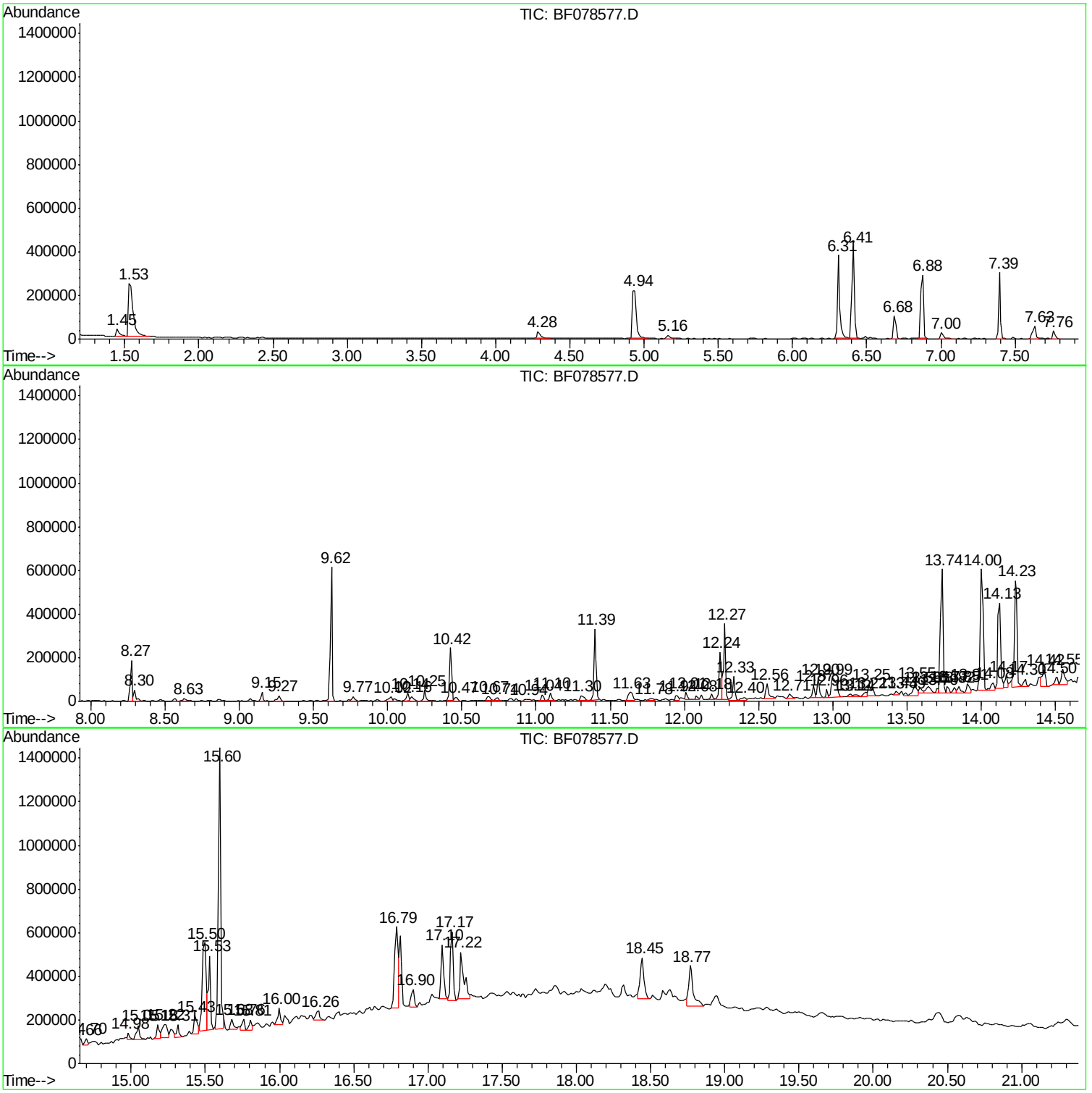
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

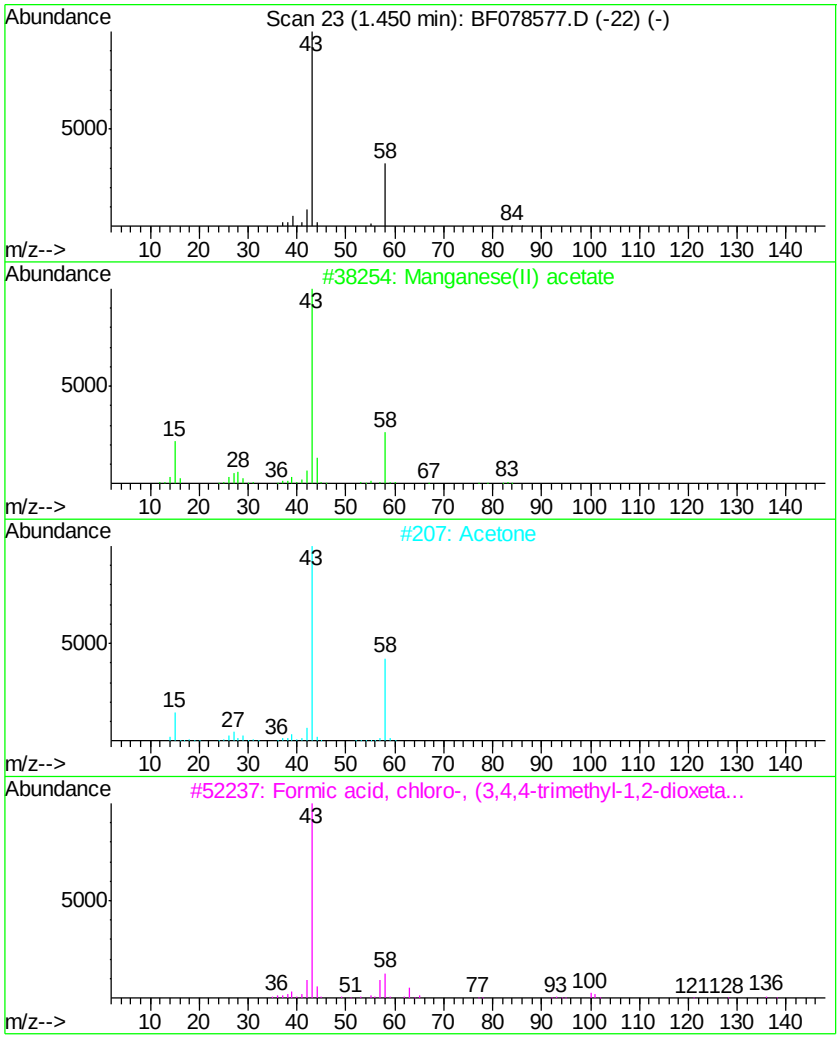
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

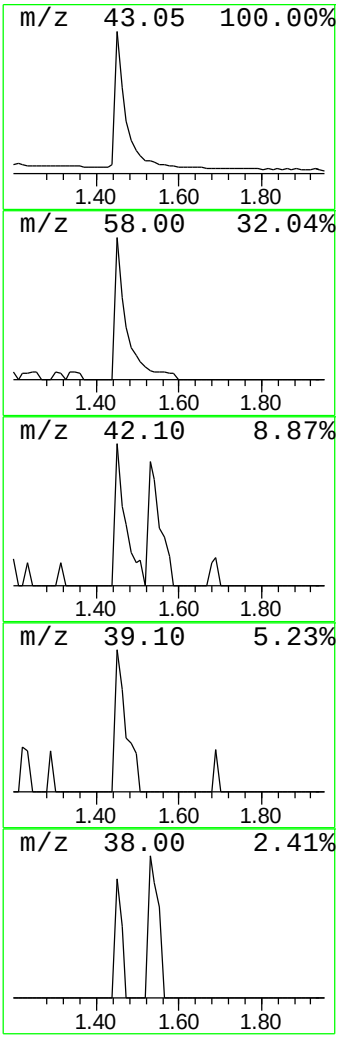
****

Peak Number 1 unknown1.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	8.76 ng	53379	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Manganese(II) acetate	173	C4H6MnO4	006156-78-1	43
2	Acetone	58	C3H6O	000067-64-1	9
3	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	4
4	Hydrogen azide	43	HN3	007782-79-8	4
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	4





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

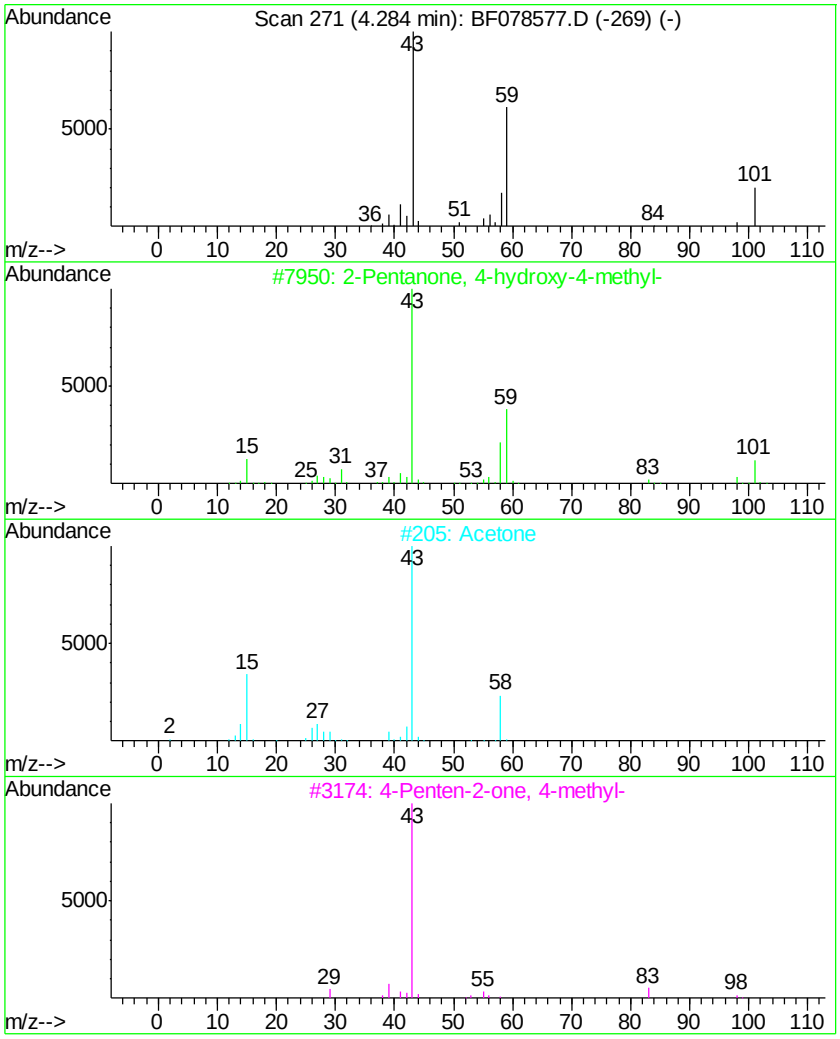
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

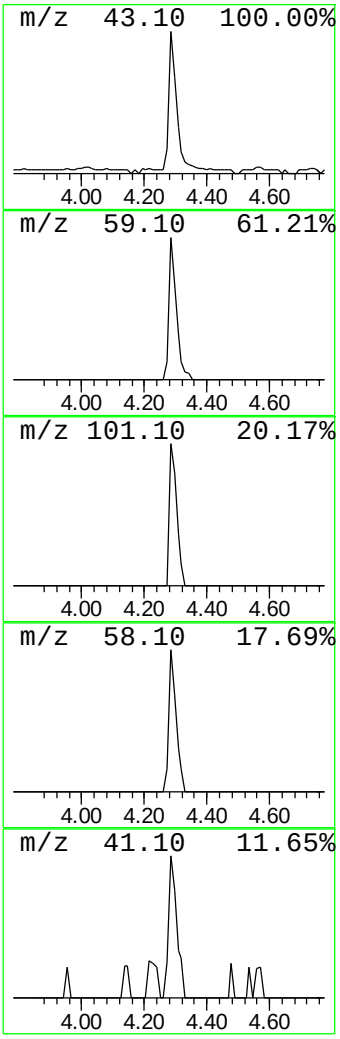
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	7.72 ng	47004	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetone	58	C3H6O	000067-64-1	10
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

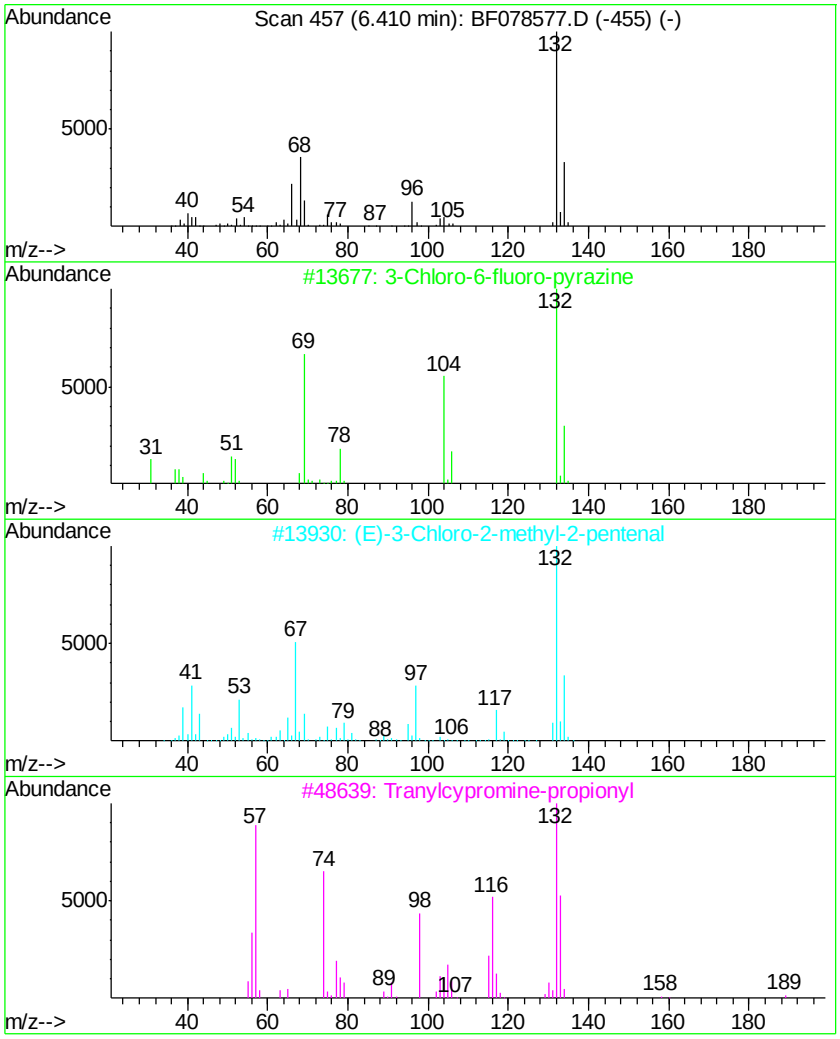
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

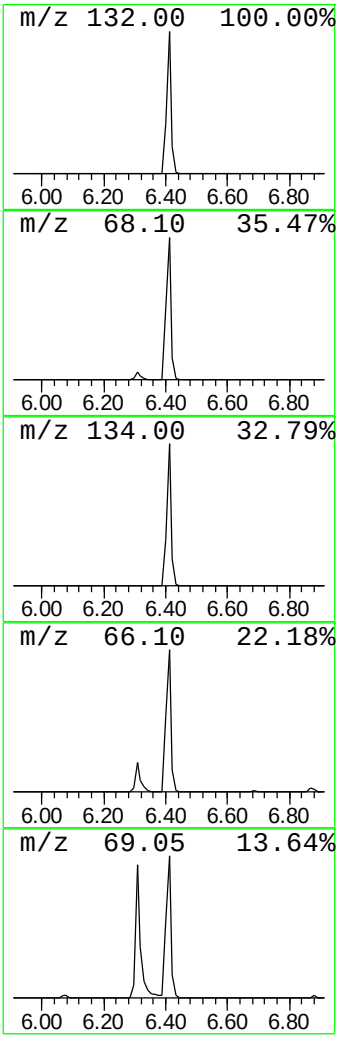
****

Peak Number 5 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	76.61 ng	466638	1,4-Dichlorobenzene-d4	6.68

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

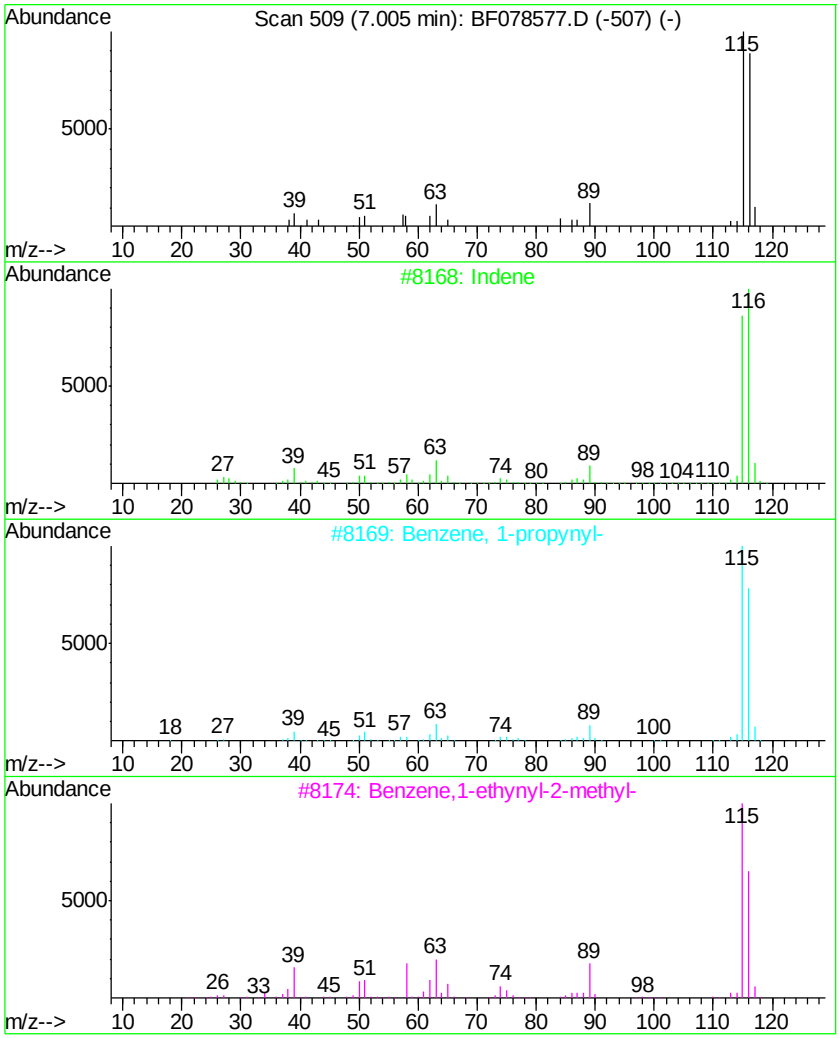
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

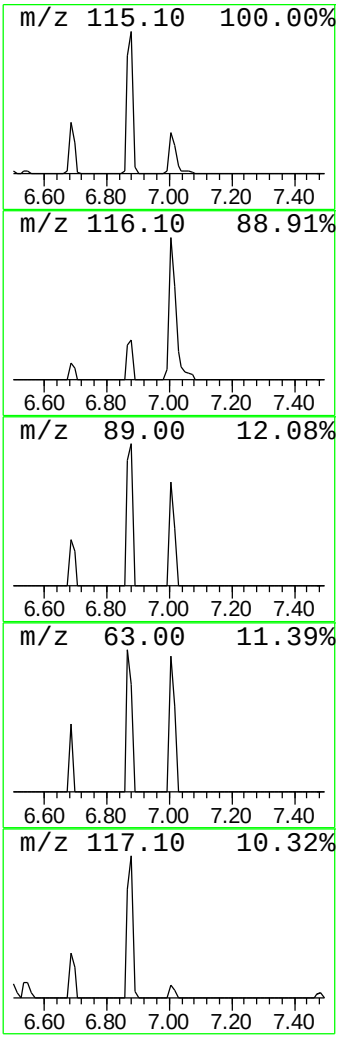
****

Peak Number 7 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.21 ng	37802	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

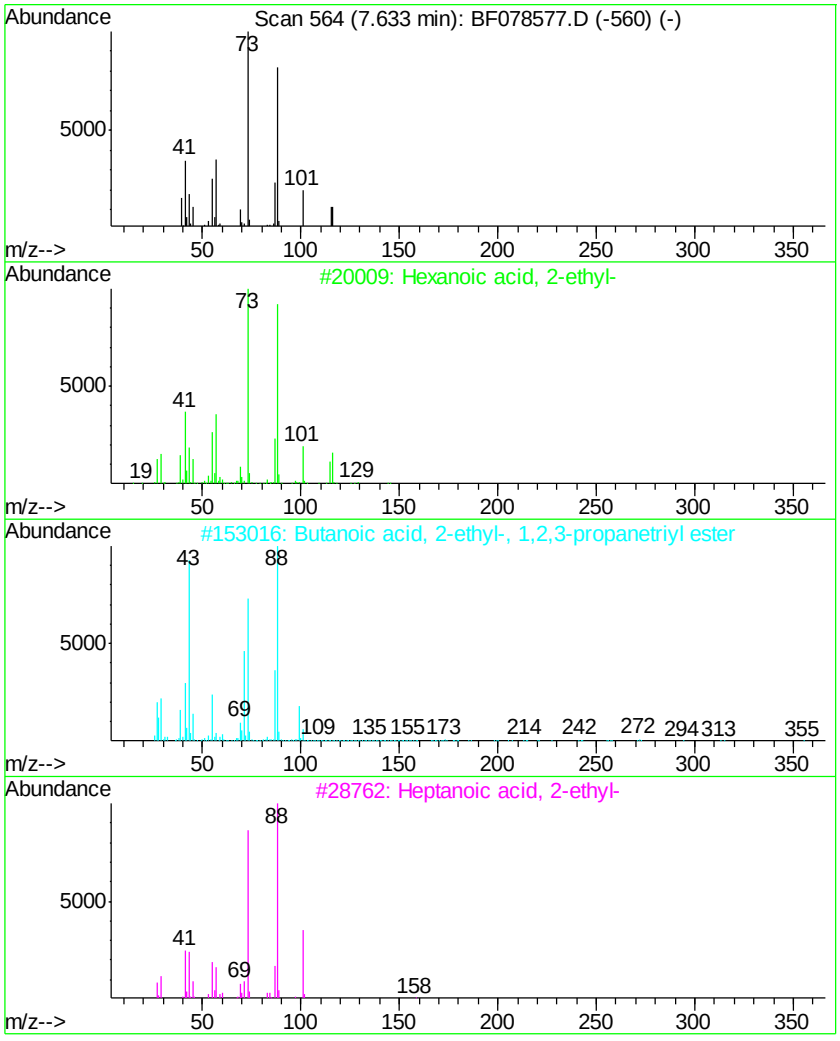
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

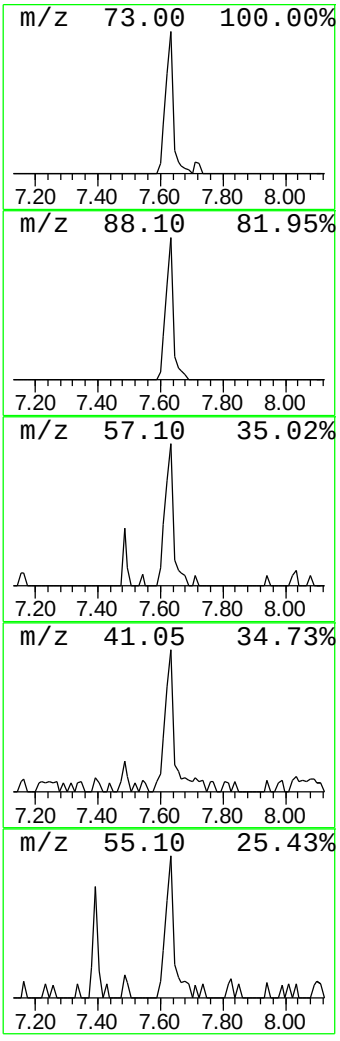
****

Peak Number 8 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	9.68 ng	88076	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	33
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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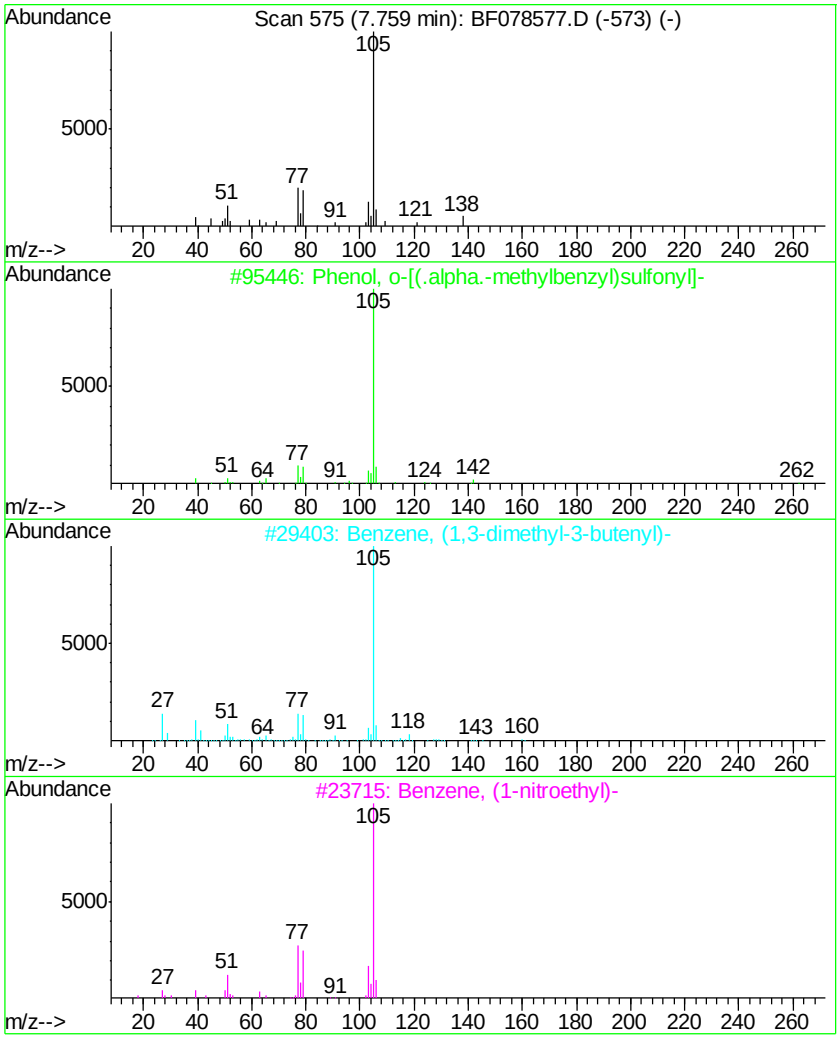
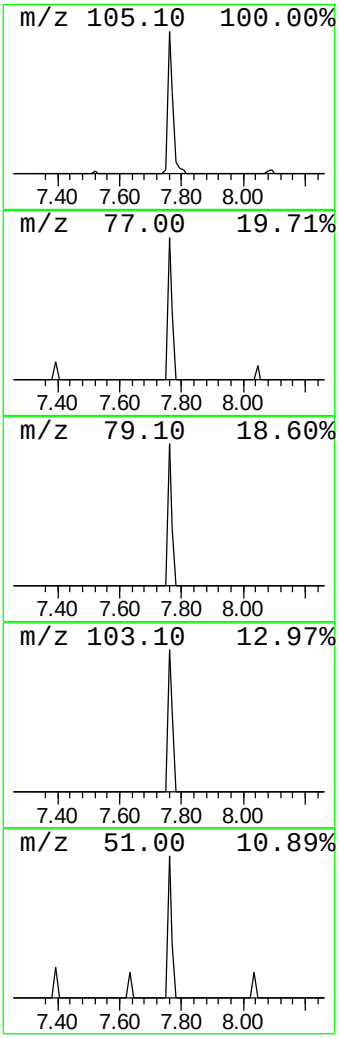
Peak Number 9 Phenol, o-[(.alpha.-methylb... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.03 ng	36671	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	72
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	72
4	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	64
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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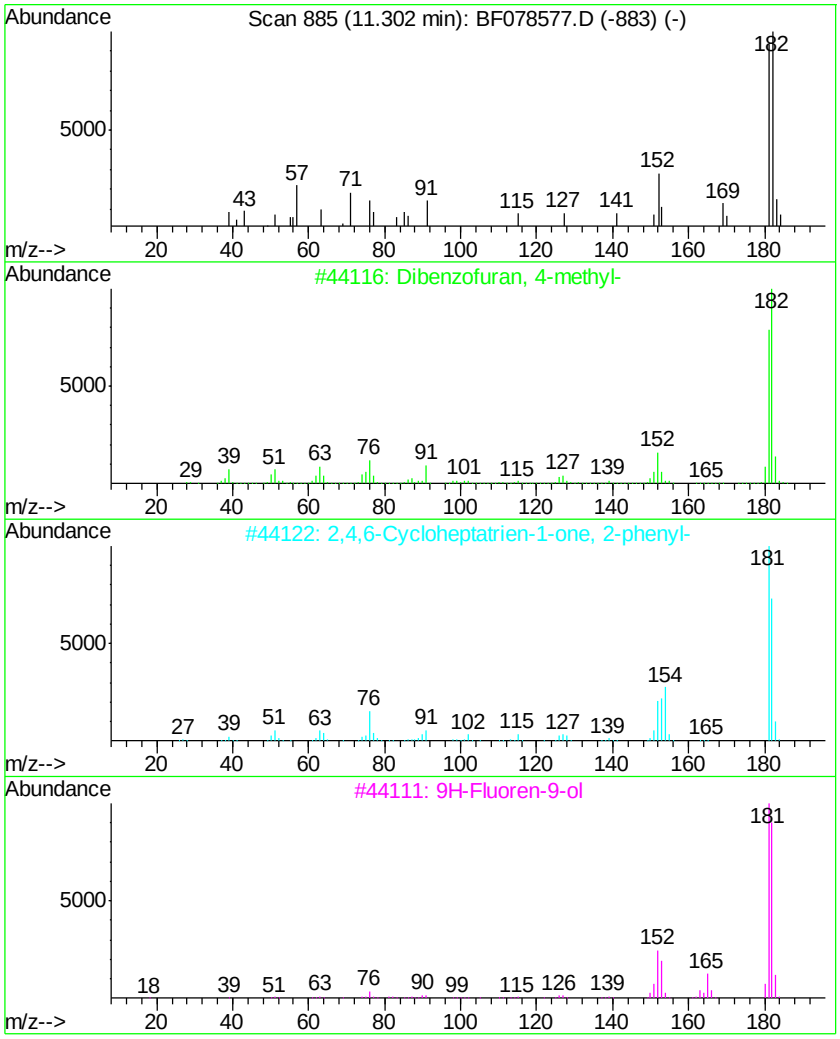
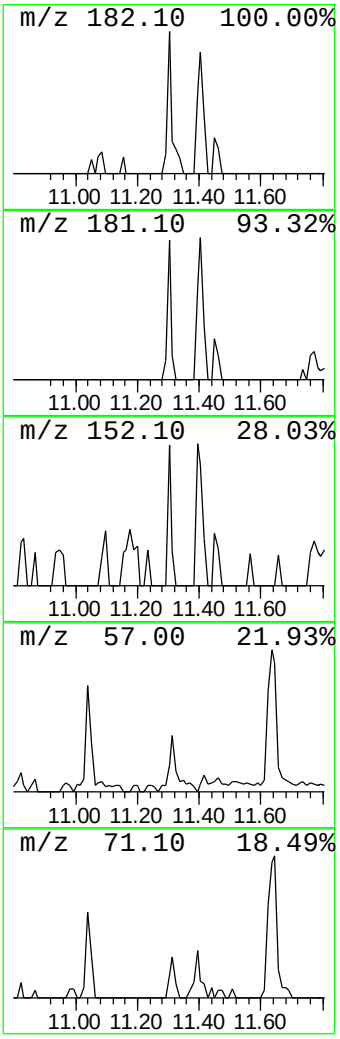
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	4.09 ng	48891	Acenaphthene-d10	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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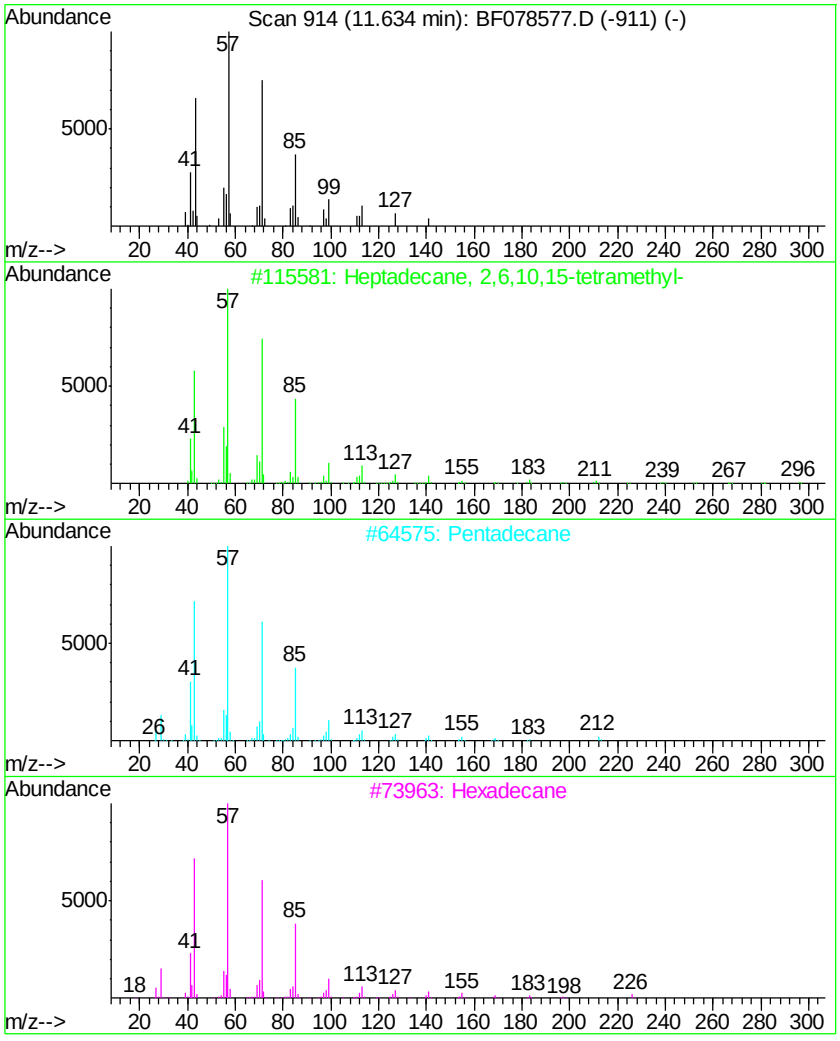
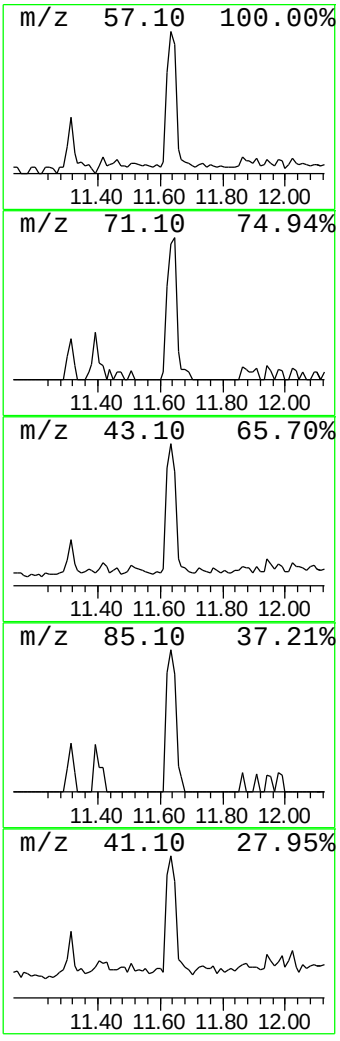
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.38 ng	72971	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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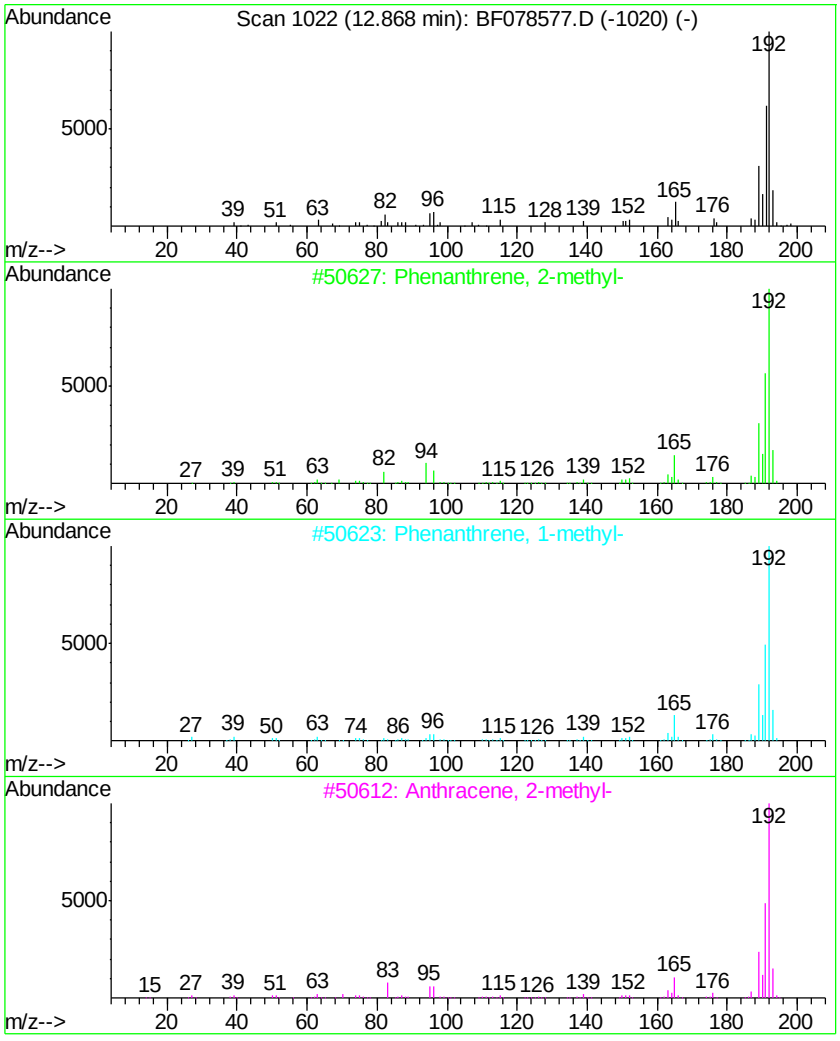
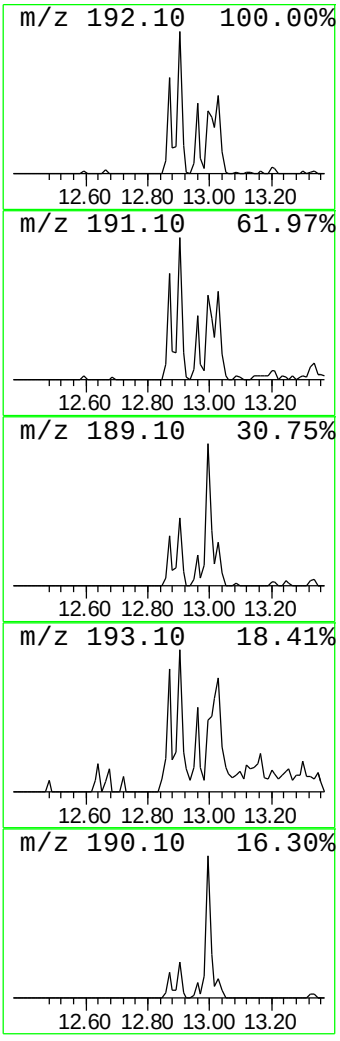
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.93 ng	56373	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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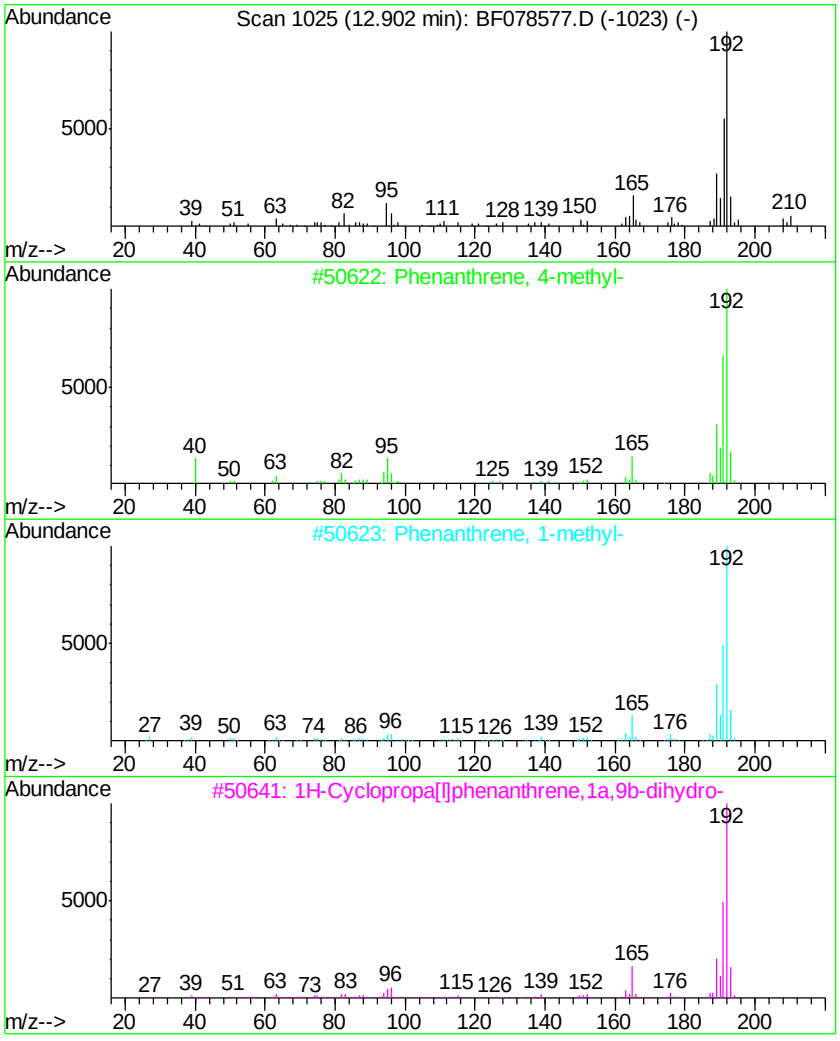
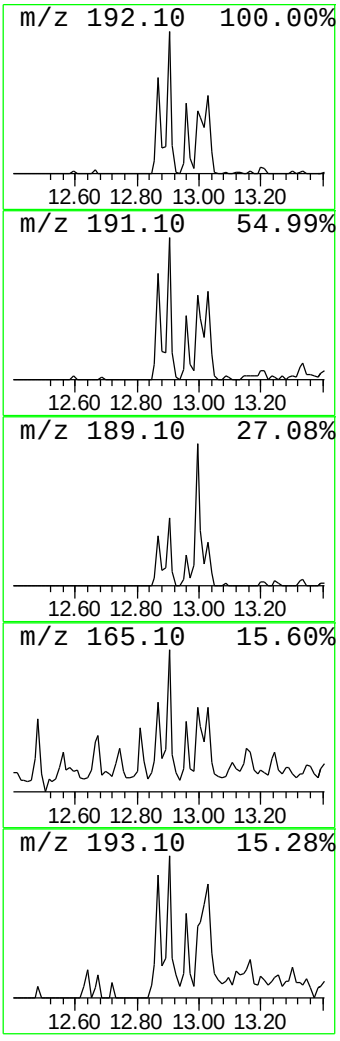
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	8.26 ng	94576	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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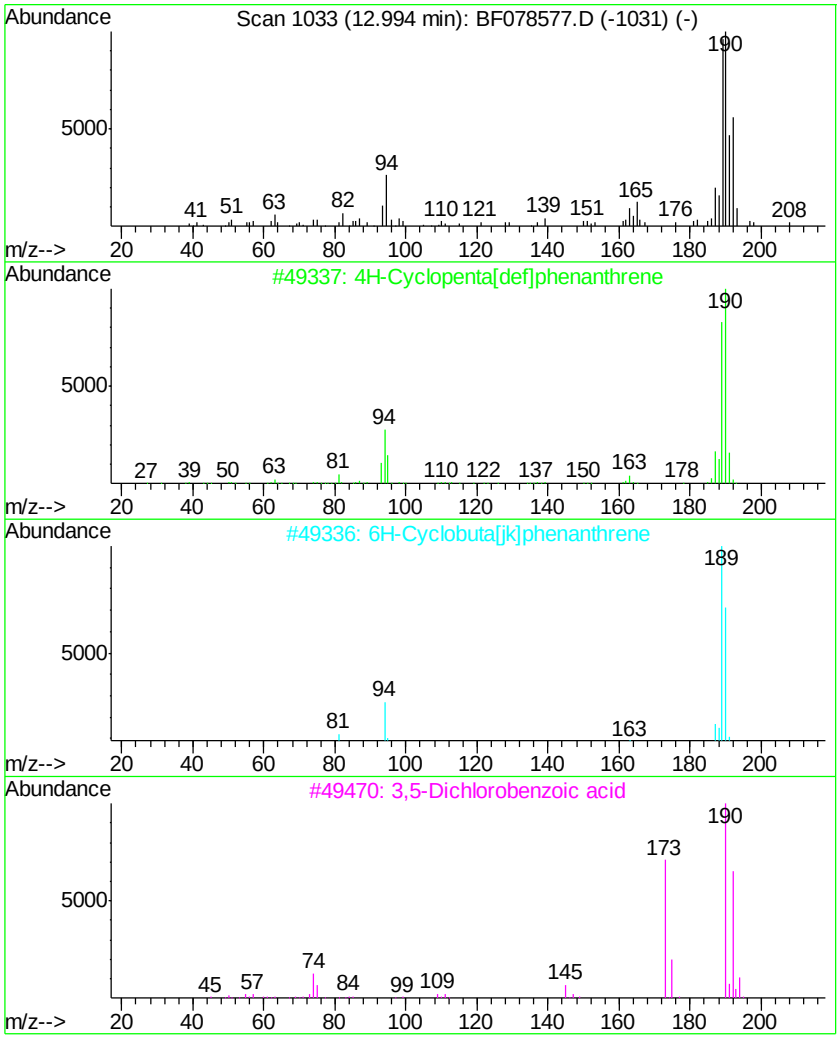
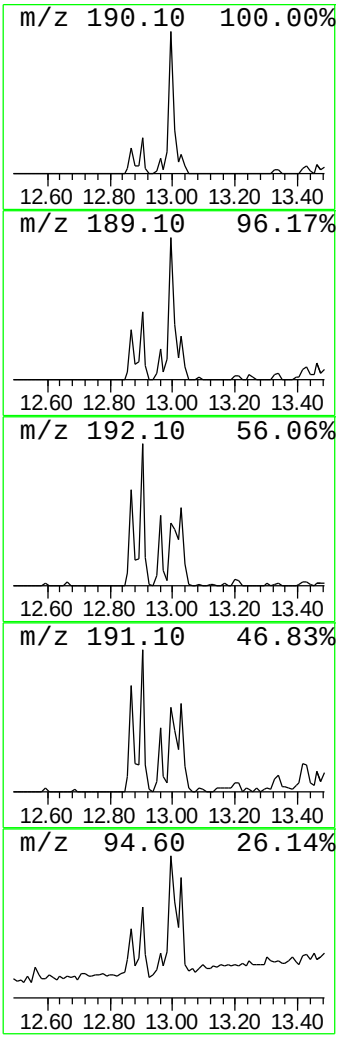
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	19.77 ng	226263	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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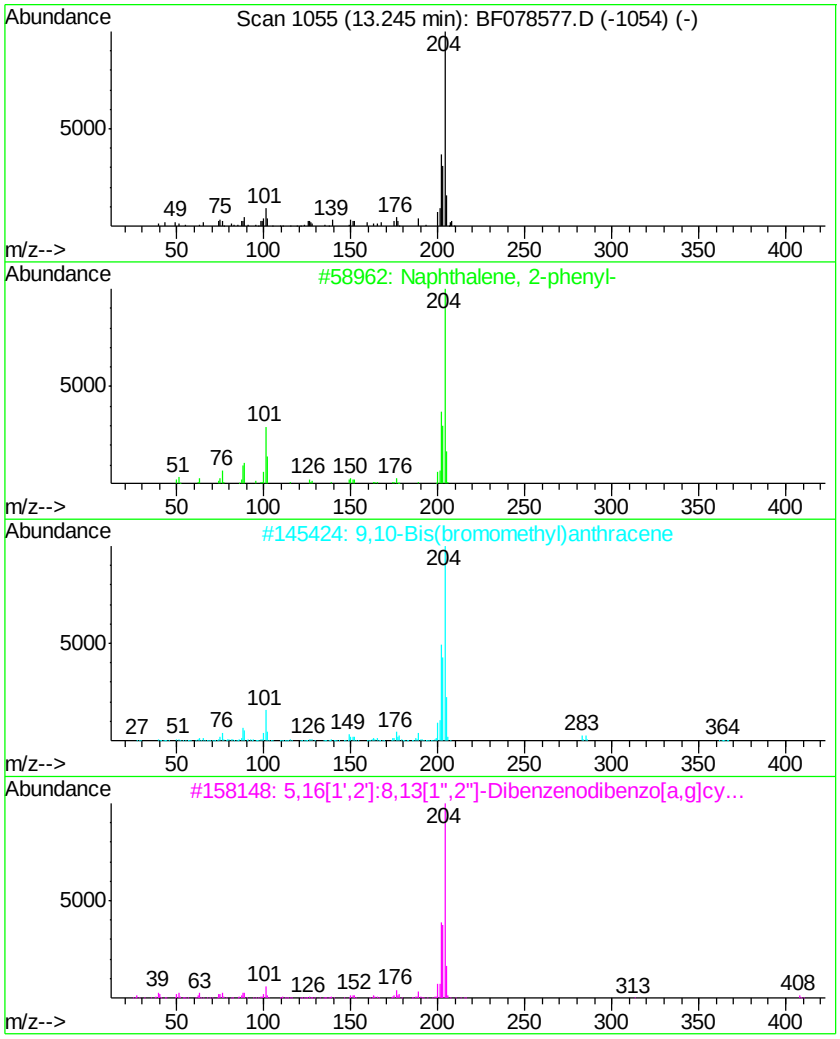
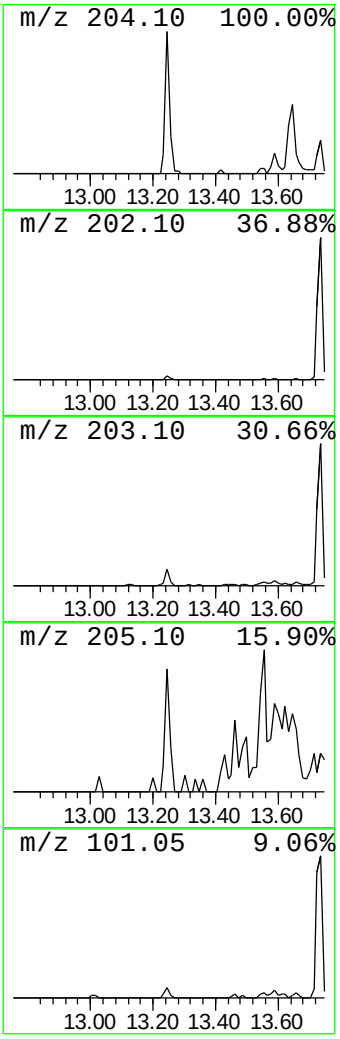
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	7.64 ng	87480	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74





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Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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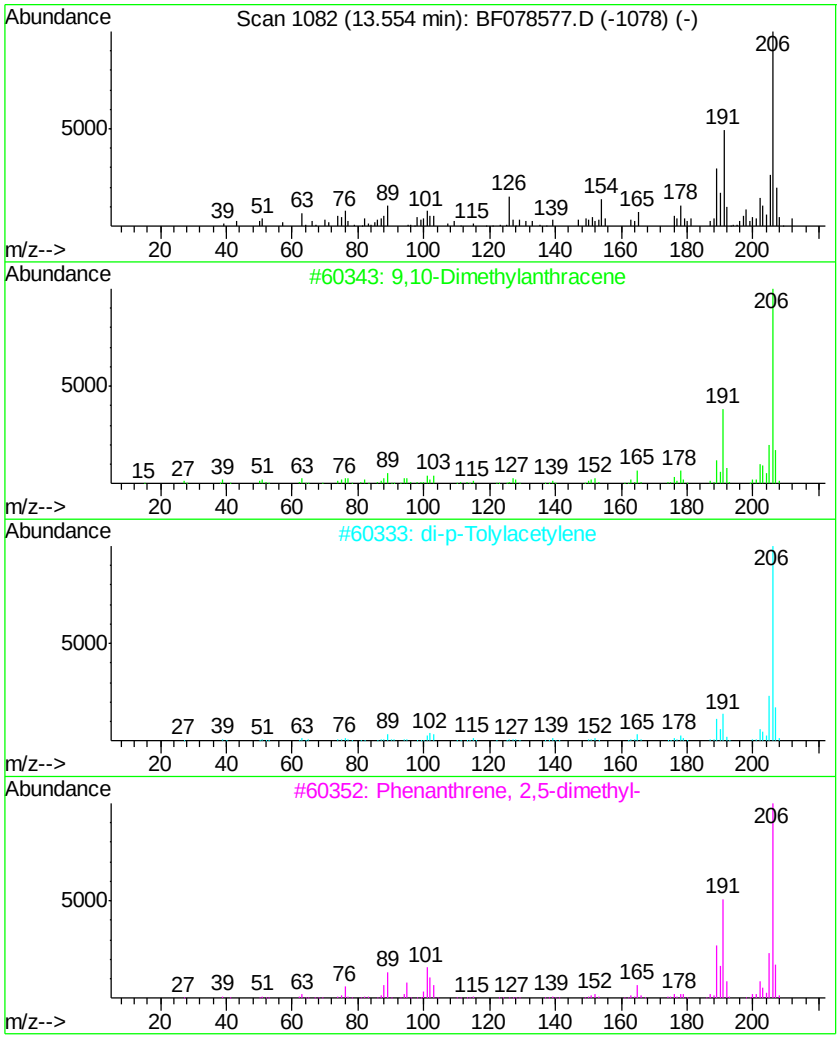
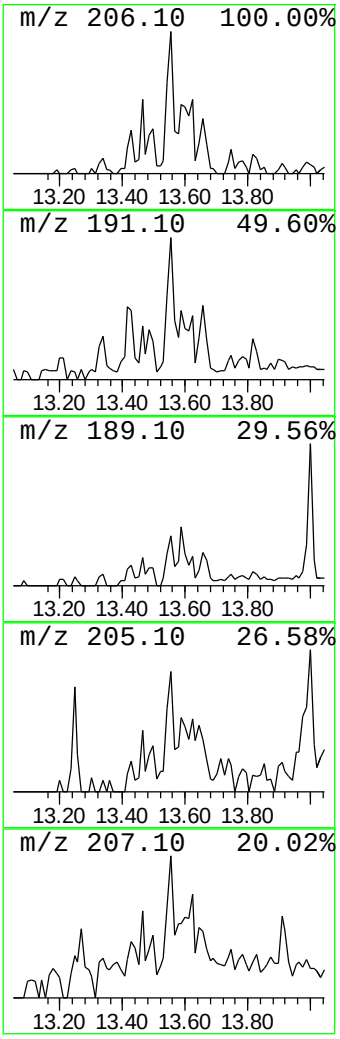
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	10.18 ng	116466	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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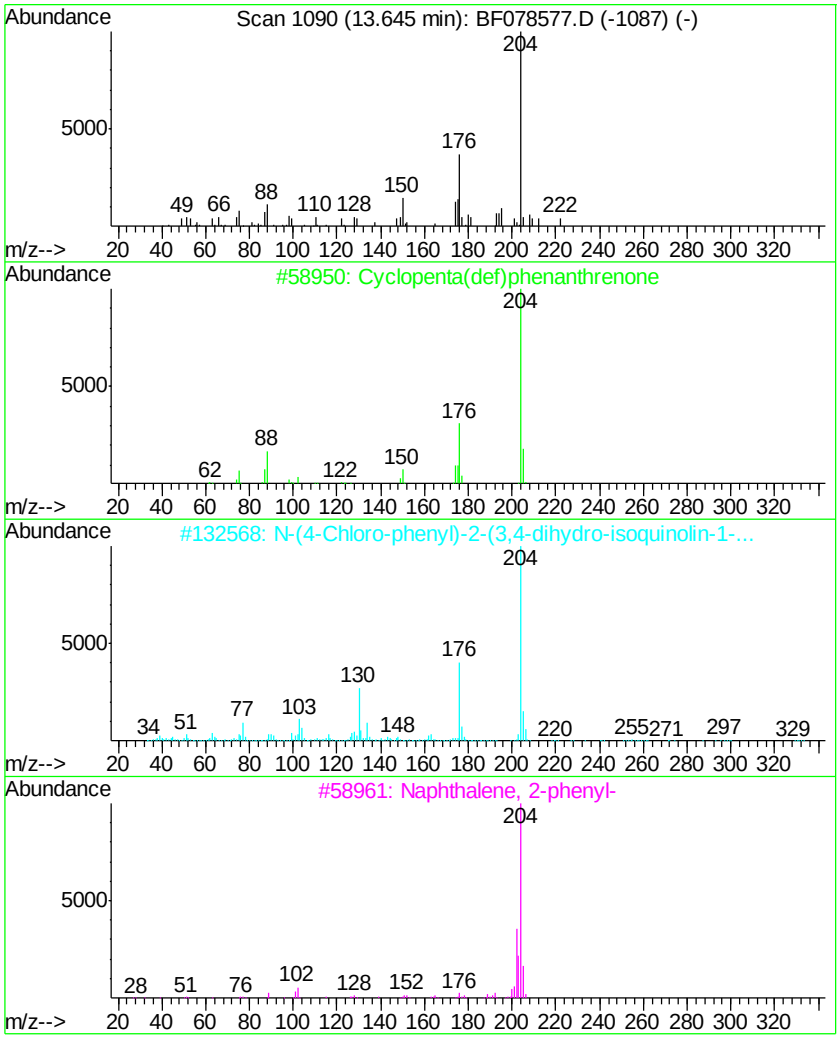
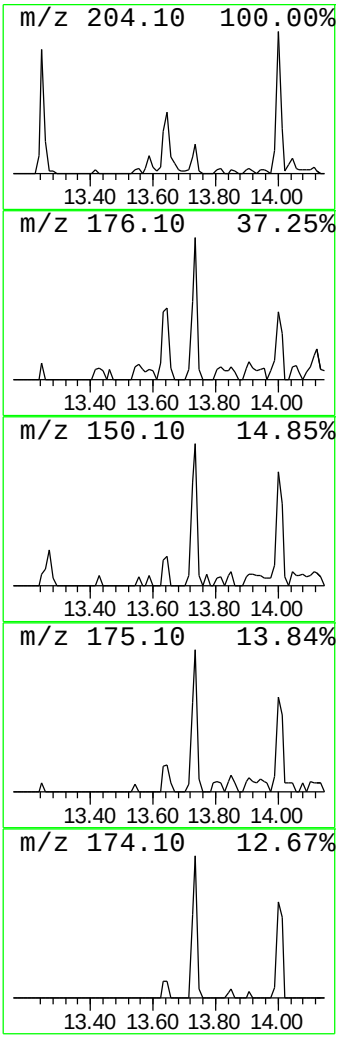
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.03 ng	69011	Phenanthrene-d10	12.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	28
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	23
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	23
5	1,4,6-Trimethyl-1,2,3,4-tetrahyd...	204	C11H12N2O2	004951-03-5	9





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Misc :
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Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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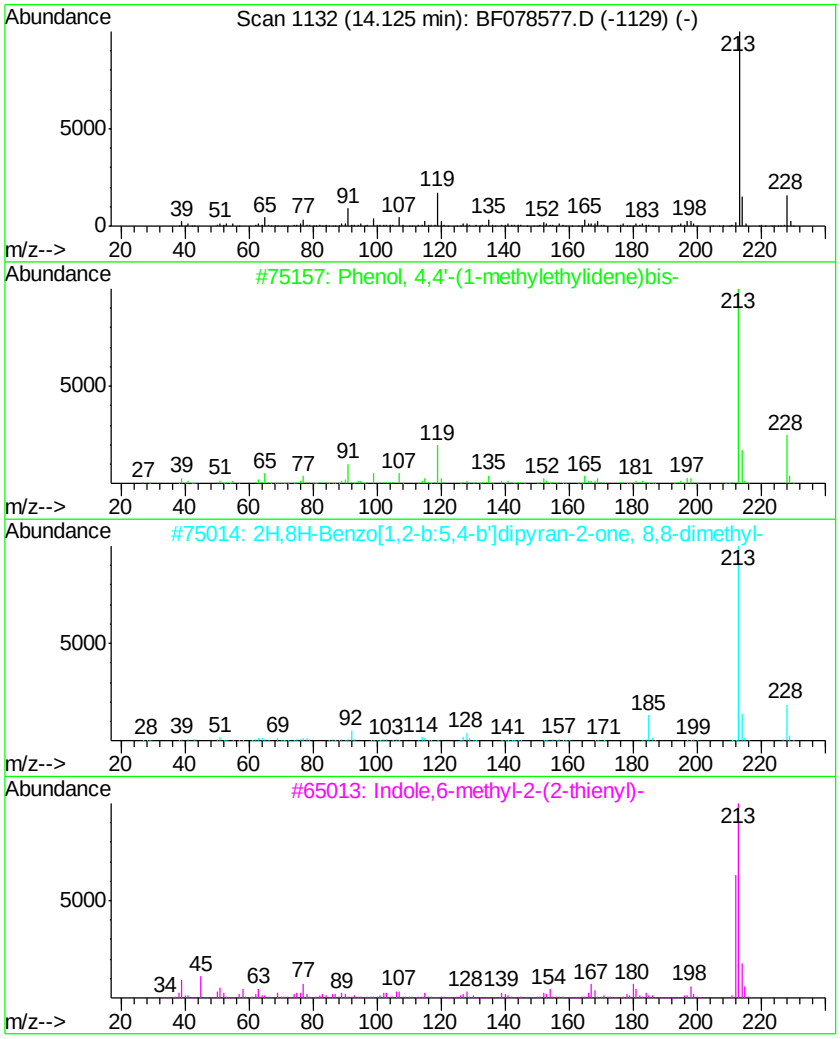
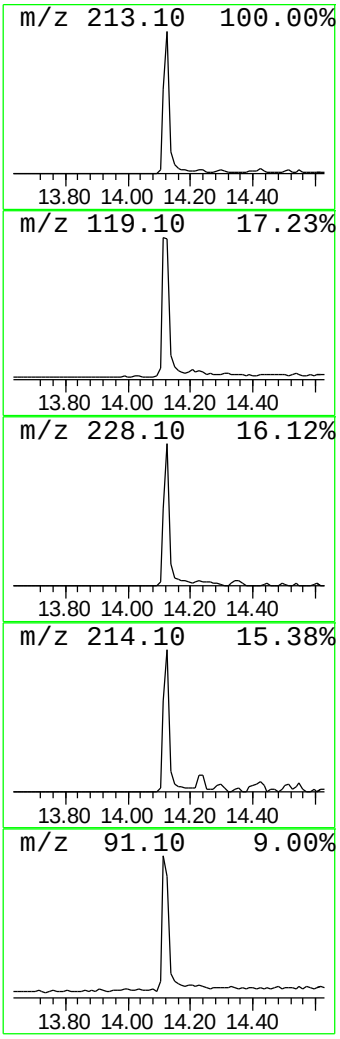
Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	15.86 ng	564066	Chrysene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
3	Indole,6-methyl-2-(2-thienyl)-	213	C13H11NS	296245-70-0	52
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	52
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB16A(6-12)

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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
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2-Pentanone, 4-hy...	4.28	7.7	ng	47004	1	6.68	121829	20.0
unknown6.41	6.41	76.6	ng	466638	1	6.68	121829	20.0
Indene	7.00	6.2	ng	37802	1	6.68	121829	20.0
Hexanoic acid, 2-...	7.63	9.7	ng	88076	2	8.27	181963	20.0
Phenol, o-[(.alph...	7.76	4.0	ng	36671	2	8.27	181963	20.0
Dibenzofuran, 4-m...	11.30	4.1	ng	48891	3	10.42	239048	20.0
Heptadecane, 2,6,...	11.63	6.4	ng	72971	4	12.24	228902	20.0
Phenanthrene, 2-m...	12.87	4.9	ng	56373	4	12.24	228902	20.0
Phenanthrene, 4-m...	12.90	8.3	ng	94576	4	12.24	228902	20.0
4H-Cyclopenta[def...	12.99	19.8	ng	226263	4	12.24	228902	20.0
Naphthalene, 2-ph...	13.25	7.6	ng	87480	4	12.24	228902	20.0
9,10-Dimethylanth...	13.55	10.2	ng	116466	4	12.24	228902	20.0
Cyclopenta(def)ph...	13.65	6.0	ng	69011	4	12.24	228902	20.0
Phenol, 4,4'-(1-m...	14.13	15.9	ng	564066	5	15.50	711368	20.0