LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.390	41	44	46	rBV	3596003	4226142	100.00%	9.342%
2	1.516	51	55	58	rBV	112675	203868	4.82%	0.451%
3	1.687	67	70	77	rVV	82594	110926	2.62%	0.245%
4	1.824	80	82	93	rVB	116708	173367	4.10%	0.383%
5	4.190	287	289	295	rBV	32270	52941	1.25%	0.117%
6	5.002	358	360	368	rVB	209136	329153	7.79%	0.728%
7	5.516	402	405	408	rVB	1534276	1542981	36.51%	3.411%
8	6.785	514	516	519	rBV	1555195	1526066	36.11%	3.373%
9	6.933	526	529	532	rBV	1812212	1669292	39.50%	3.690%
10	7.219	552	554	556	rBV	398959	412227	9.75%	0.911%
11	7.413	568	571	573	rBV	1041685	1275408	30.18%	2.819%
12	7.916	612	615	617	rBV	1109407	1039408	24.59%	2.298%
13	8.796	690	692	697	rVB	641621	654865	15.50%	1.448%
14	9.688	768	770	772	rVB	34088	42951	1.02%	0.095%
15	10.145	808	810	812	rBV	2126424	1837783	43.49%	4.063%
16	10.648	850	854	857	rBV2	139153	167307	3.96%	0.370%
17	10.796	864	867	869	rBV	267641	258418	6.11%	0.571%
18	10.968	880	882	884	rBV	644539	640754	15.16%	1.416%
19	11.014	884	886	888	rVB	66791	68161	1.61%	0.151%
20	11.219	902	904	908	rBV2	29068	46566	1.10%	0.103%
21	11.528	930	931	935	rVB2	38265	62747	1.48%	0.139%
22	11.654	940	942	946	rBV	61550	95562	2.26%	0.211%
23	11.871	958	961	963	rVB	95105	114371	2.71%	0.253%
24	11.951	965	968	970	rBV	1214142	1255055	29.70%	2.774%
25	12.145	984	985	989	rVB2	28182	45530	1.08%	0.101%
26	12.328	998	1001	1003	rBV	23803	44500	1.05%	0.098%
27	12.522	1015	1018	1019	rBV2	34551	59064	1.40%	0.131%
28	12.568	1020	1022	1026	rVB	54386	84732	2.00%	0.187%
29	12.637	1026	1028	1030	rBV2	31834	46309	1.10%	0.102%
30	12.808	1041	1043	1044	rBV	627314	663051	15.69%	1.466%
31	12.842	1044	1046	1048	rVV	983756	916855	21.69%	2.027%
32	12.900	1048	1051	1053	rVV	282137	334186	7.91%	0.739%
33	12.945	1053	1055	1058	rVV2	31409	56245	1.33%	0.124%
34	13.105	1068	1069	1071	rVB	73605	74044	1.75%	0.164%

LSC Area Percent Report

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Acq On : 5 Mar 2015 4:30
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Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.231	1078	1080	1082	rVB3	43488	59834	1.42%	0.132%
36	13.437	1096	1098	1100	rBV	160954	192243	4.55%	0.425%
37	13.471	1100	1101	1104	rVB	226708	215689	5.10%	0.477%
38	13.528	1104	1106	1108	rBV	119670	132567	3.14%	0.293%
39	13.574	1108	1110	1112	rVV	289179	407556	9.64%	0.901%
40	13.608	1112	1113	1115	rVB	116808	86873	2.06%	0.192%
41	13.688	1115	1120	1122	rBV4	25819	65798	1.56%	0.145%
42	13.745	1122	1125	1126	rVV3	24980	46374	1.10%	0.103%
43	13.814	1129	1131	1135	rVB2	121170	231475	5.48%	0.512%
44	13.997	1146	1147	1149	rBV2	51924	53603	1.27%	0.118%
45	14.123	1155	1158	1160	rBV	164975	230690	5.46%	0.510%
46	14.168	1160	1162	1165	rVV2	74996	114691	2.71%	0.254%
47	14.225	1165	1167	1170	rVB2	95423	180278	4.27%	0.399%
48	14.317	1172	1175	1177	rBV	1667816	1621263	38.36%	3.584%
49	14.397	1180	1182	1183	rBV	64628	81636	1.93%	0.180%
50	14.431	1183	1185	1187	rVB	111706	117796	2.79%	0.260%
51	14.500	1187	1191	1192	rBV2	77611	122266	2.89%	0.270%
52	14.523	1192	1193	1197	rVB2	44795	42753	1.01%	0.095%
53	14.603	1197	1200	1201	rBV	1291685	1924304	45.53%	4.254%
54	14.751	1211	1213	1215	rBV	88098	104053	2.46%	0.230%
55	14.808	1215	1218	1220	rVV	2109823	2176715	51.51%	4.812%
56	14.877	1220	1224	1226	rVV3	136369	217397	5.14%	0.481%
57	14.980	1230	1233	1234	rVV3	133150	229824	5.44%	0.508%
58	15.014	1234	1236	1238	rVB	214485	261429	6.19%	0.578%
59	15.071	1238	1241	1242	rBV3	36039	83440	1.97%	0.184%
60	15.094	1242	1243	1245	rVV	119951	171634	4.06%	0.379%
61	15.140	1245	1247	1249	rVV	291259	360149	8.52%	0.796%
62	15.220	1252	1254	1255	rVV	61766	68797	1.63%	0.152%
63	15.254	1255	1257	1259	rVB	136902	139452	3.30%	0.308%
64	15.288	1259	1260	1263	rVB	127846	114897	2.72%	0.254%
65	15.391	1267	1269	1273	rBV3	36141	94812	2.24%	0.210%
66	15.551	1276	1283	1284	rBV5	60708	251093	5.94%	0.555%
67	15.643	1288	1291	1294	rVV	164921	233348	5.52%	0.516%
68	15.780	1300	1303	1305	rBV	164760	257357	6.09%	0.569%
69	15.837	1305	1308	1309	rVV2	140593	287697	6.81%	0.636%
70	15.860	1309	1310	1312	rVV	74353	124481	2.95%	0.275%
71	15.906	1312	1314	1317	rVB	143708	192174	4.55%	0.425%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
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Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.974	1317	1320	1323	rBV2	383499	505472	11.96%	1.117%
73	16.088	1325	1330	1332	rBV2	1210698	2317071	54.83%	5.122%
74	16.123	1332	1333	1335	rVV	815953	890883	21.08%	1.969%
75	16.214	1338	1341	1343	rBV2	124365	221209	5.23%	0.489%
76	16.271	1343	1346	1347	rBV2	61256	98258	2.33%	0.217%
77	16.340	1350	1352	1354	rVB2	67880	101311	2.40%	0.224%
78	16.386	1354	1356	1358	rBV	117150	151890	3.59%	0.336%
79	16.500	1364	1366	1368	rBV3	60127	90874	2.15%	0.201%
80	16.534	1368	1369	1370	rBV	68118	73462	1.74%	0.162%
81	16.580	1371	1373	1375	rVV	247047	336063	7.95%	0.743%
82	16.626	1375	1377	1379	rVV	134767	147272	3.48%	0.326%
83	16.694	1382	1383	1385	rVV2	95493	113970	2.70%	0.252%
84	16.729	1385	1386	1393	rVV4	99218	320123	7.57%	0.708%
85	16.900	1399	1401	1403	rBV	46082	64826	1.53%	0.143%
86	16.957	1404	1406	1409	rBV2	86057	147441	3.49%	0.326%
87	17.151	1421	1423	1424	rBV	92128	117939	2.79%	0.261%
88	17.346	1438	1440	1445	rVB	911342	2111570	49.96%	4.668%
89	17.460	1448	1450	1452	rVB	287612	309865	7.33%	0.685%
90	17.654	1465	1467	1470	rVB	720571	855644	20.25%	1.891%
91	17.711	1470	1472	1475	rVB	871560	1168383	27.65%	2.583%
92	17.780	1475	1478	1479	rBV	628069	752988	17.82%	1.665%
93	19.037	1585	1588	1591	rBV3	117762	263077	6.22%	0.582%
94	19.197	1599	1602	1607	rVB2	455209	969201	22.93%	2.142%
95	19.380	1615	1618	1620	rBV	119476	258557	6.12%	0.572%
96	19.437	1620	1623	1625	rVV2	71068	156704	3.71%	0.346%
97	19.620	1635	1639	1648	rBV	429991	903159	21.37%	1.996%
98	19.837	1656	1658	1668	rVB2	135073	363218	8.59%	0.803%

Sum of corrected areas: 45237703

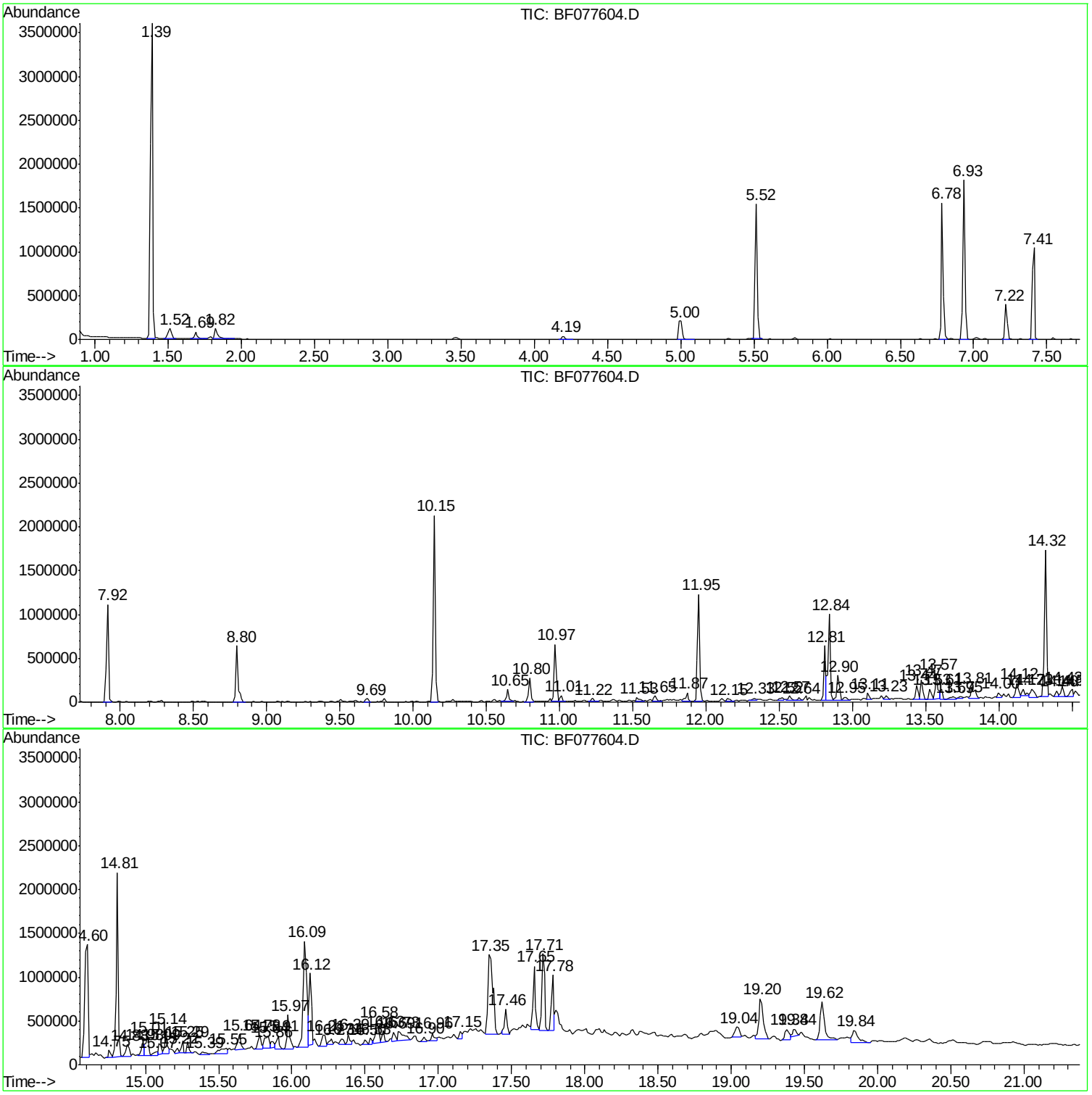
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

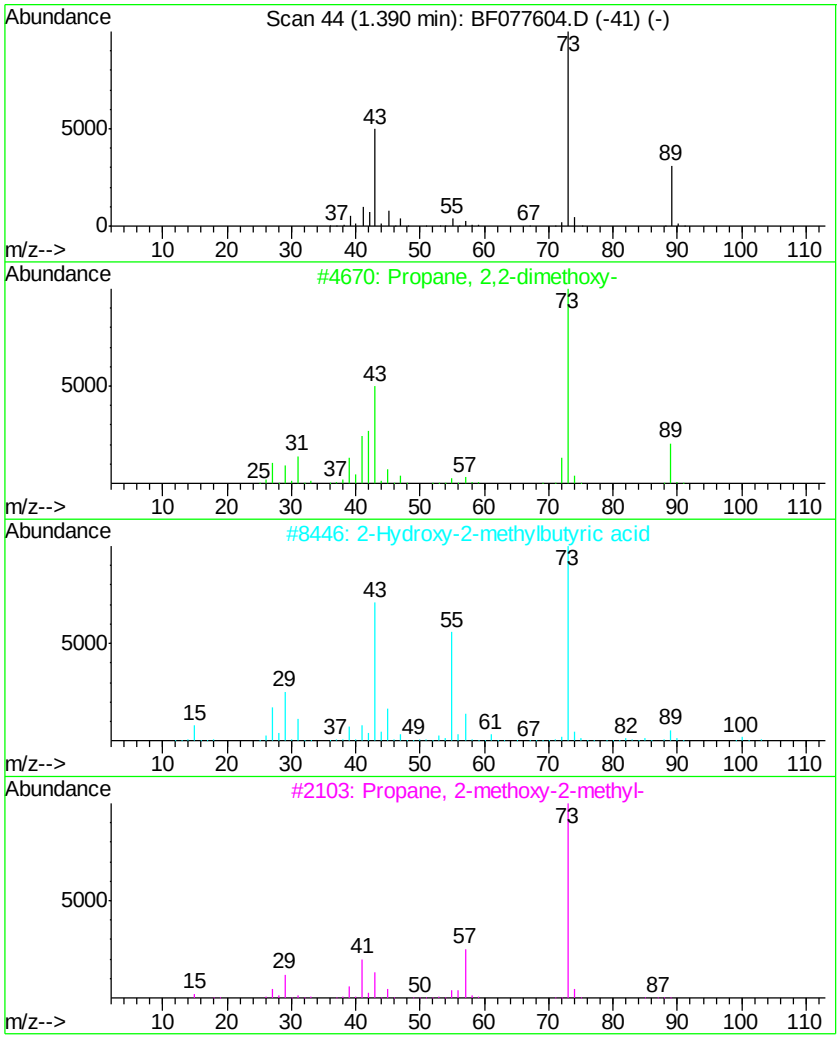
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

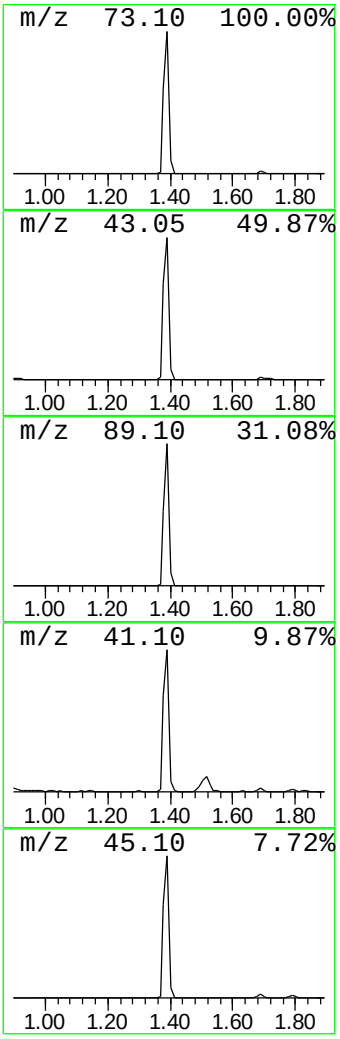
****

Peak Number 1 unknown1.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	205.04 ng	4226140	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

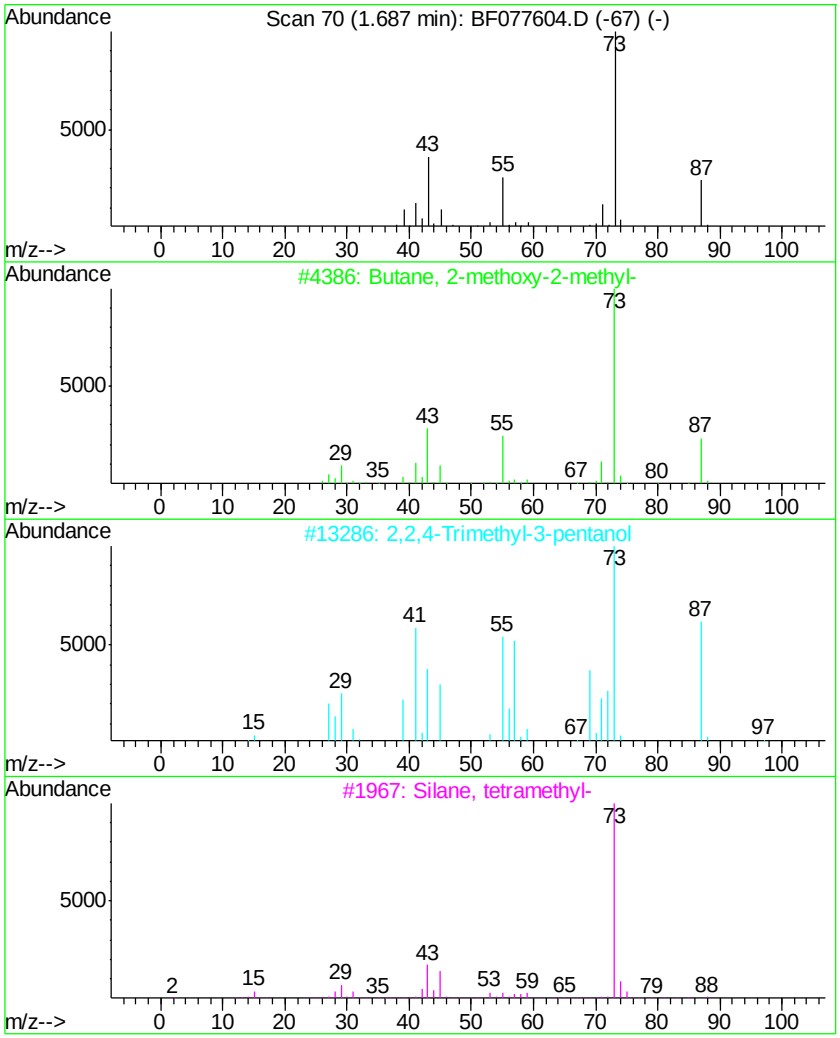
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

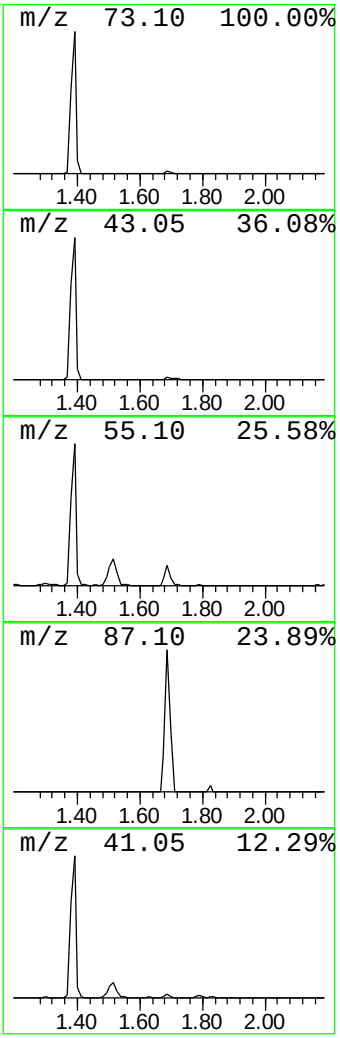
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.69	5.38 ng	110926	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

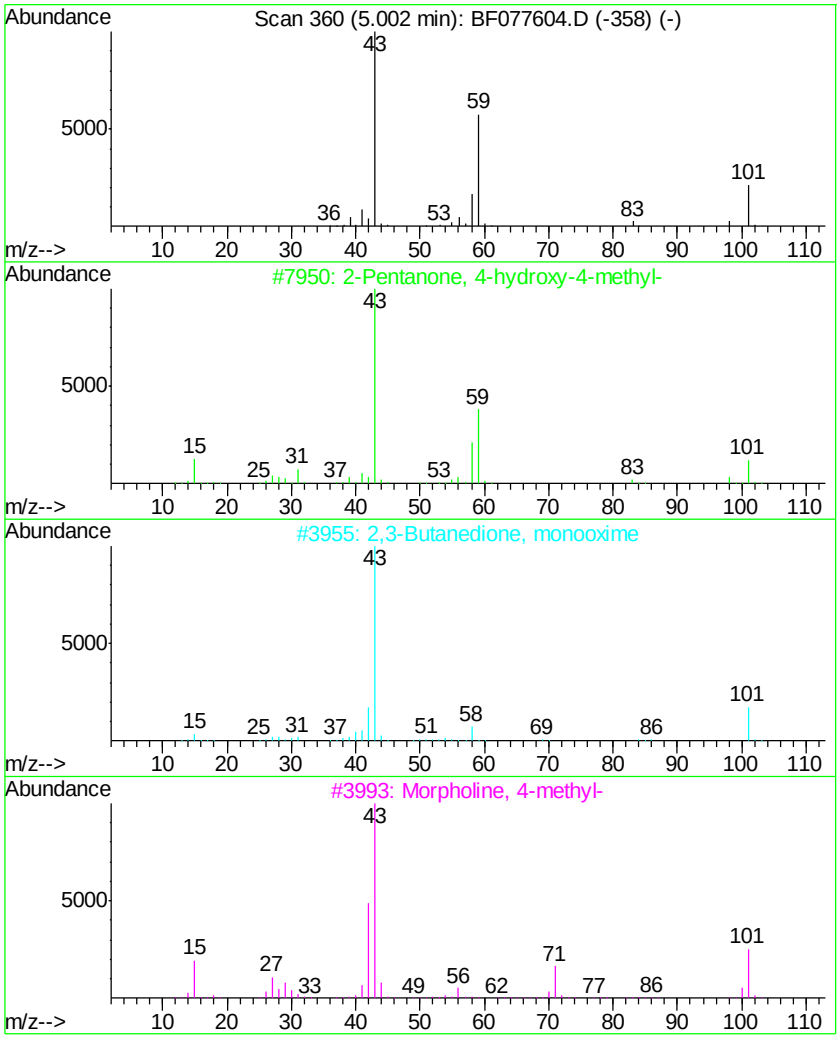
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

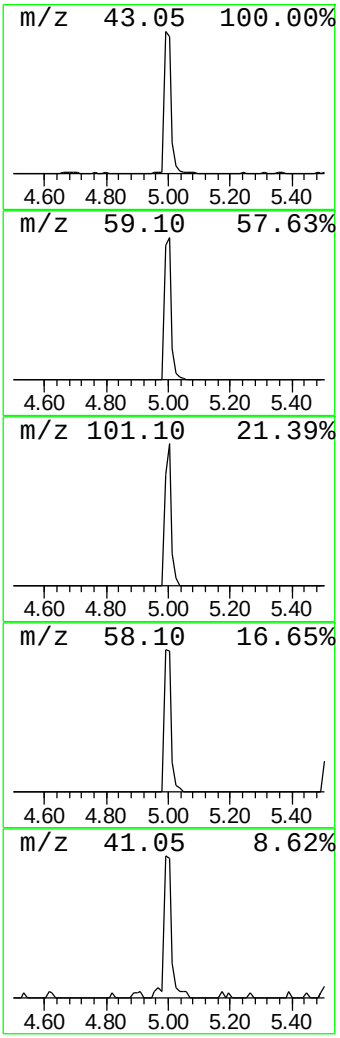
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	15.97 ng	329153	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

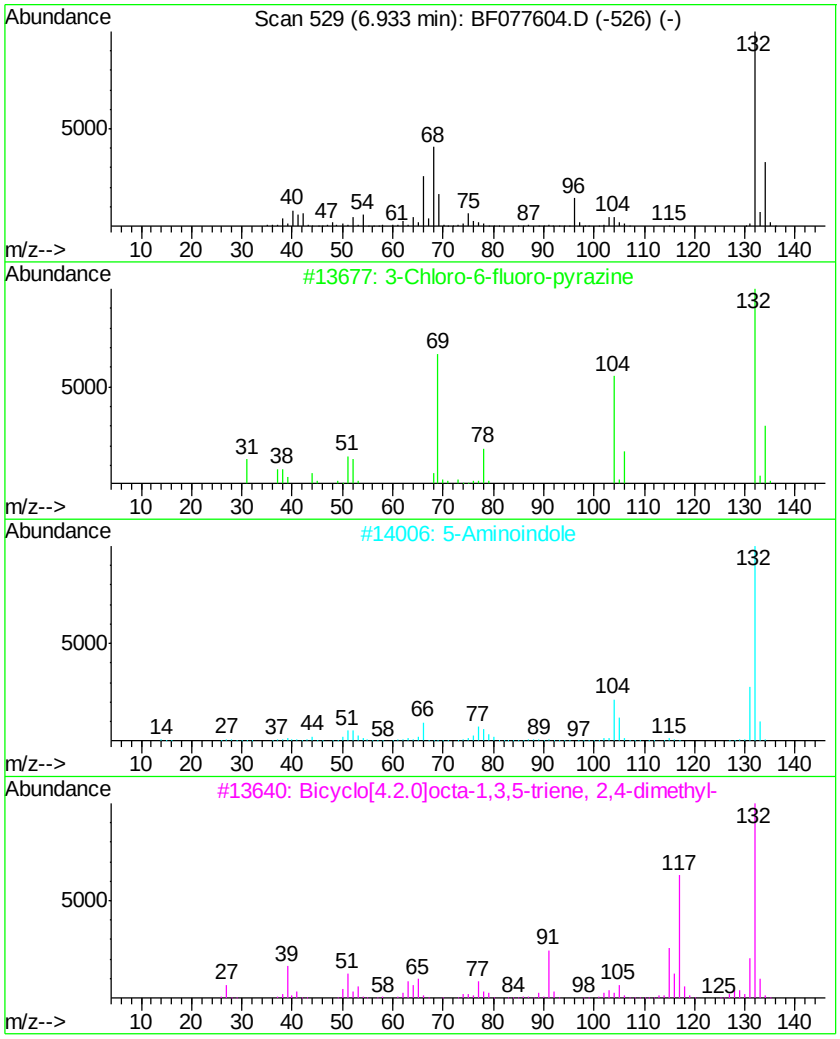
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

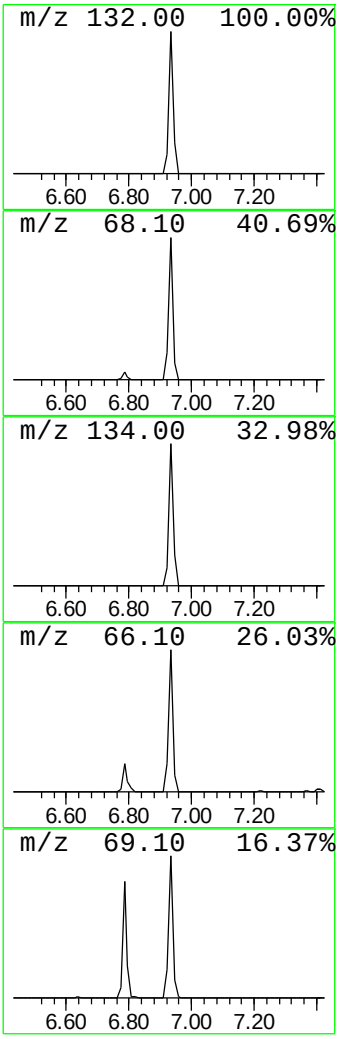
****

Peak Number 6 unknown6.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	80.99 ng	1669290	1,4-Dichlorobenzene-d4	7.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

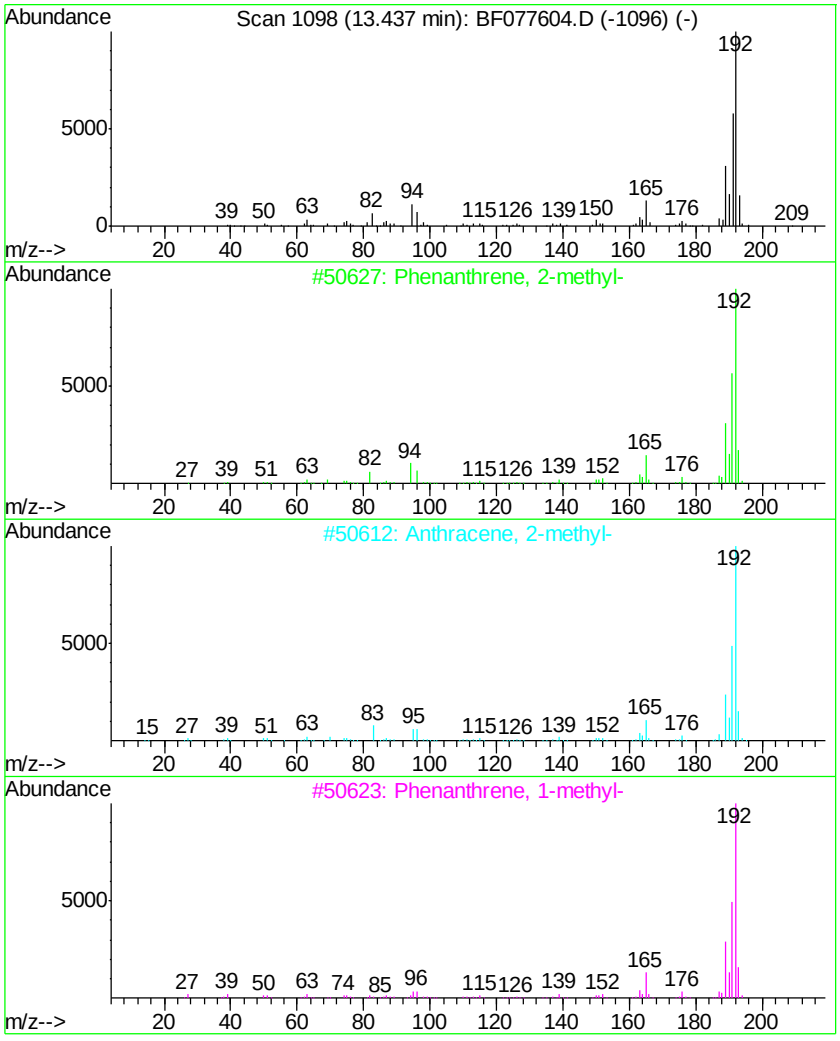
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

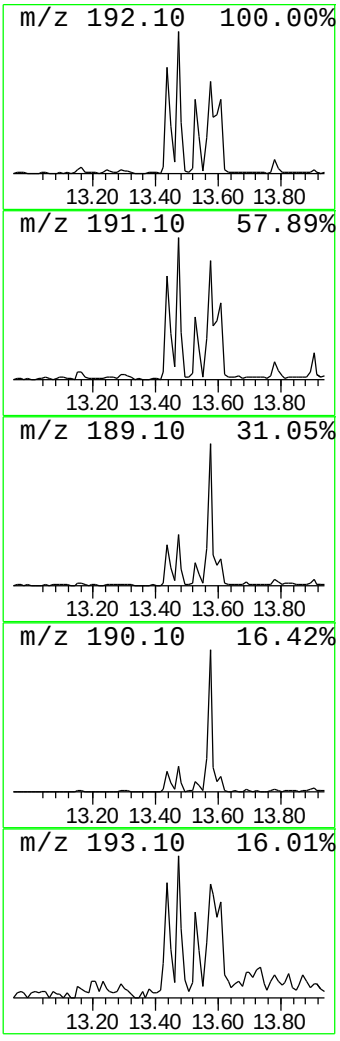
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	5.80 ng	192243	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077604.D
Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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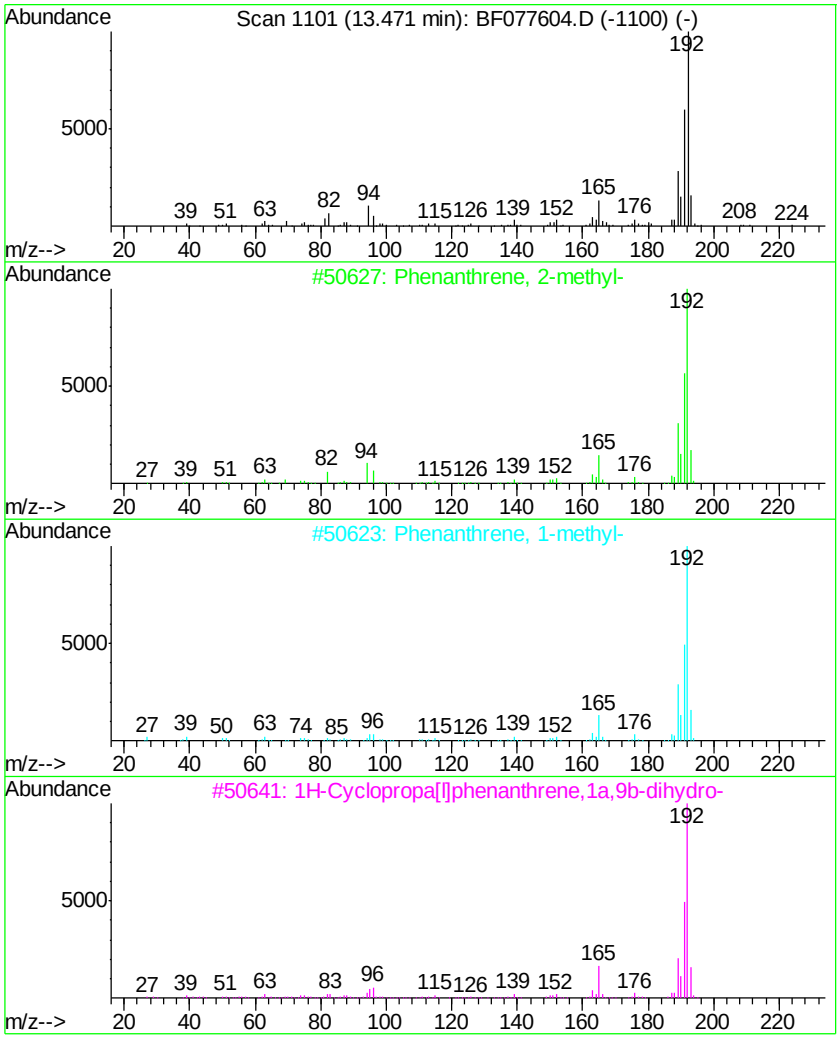
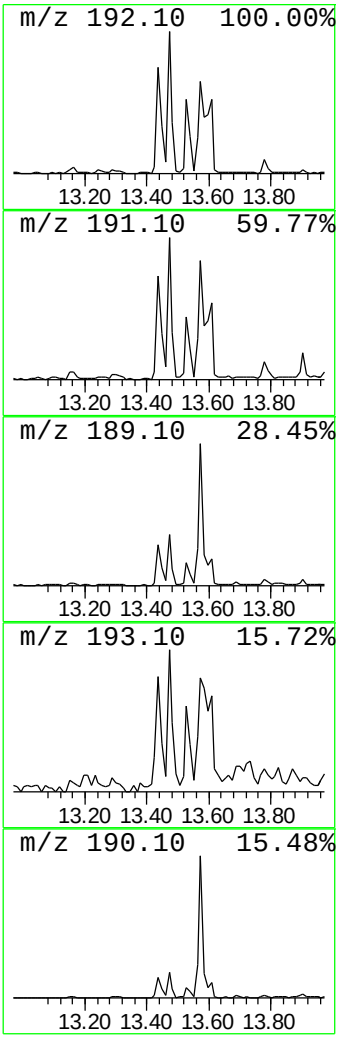
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.51 ng	215689	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Acq On : 5 Mar 2015 4:30
Operator : TP/IZ
Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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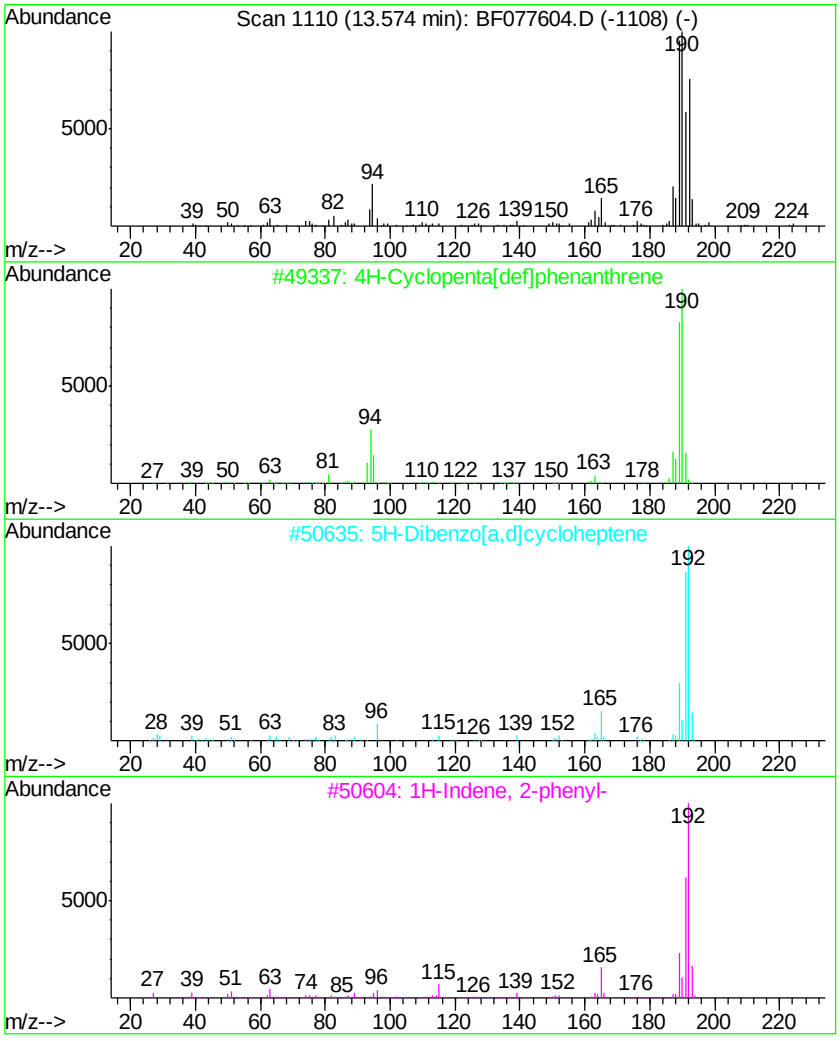
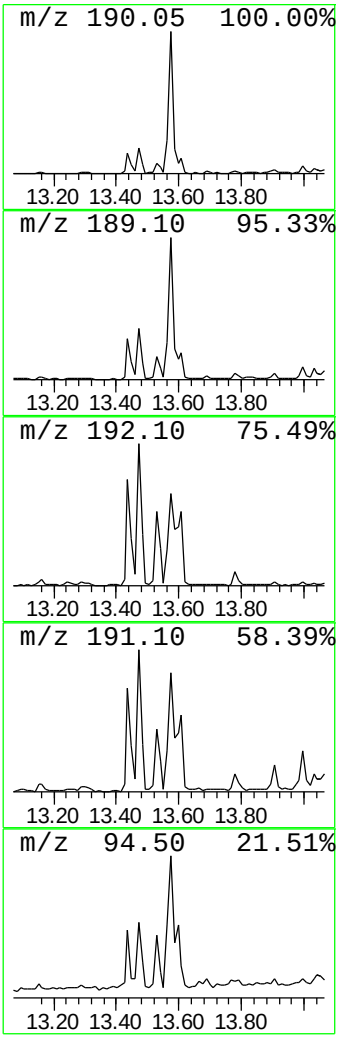
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	12.29 ng	407556	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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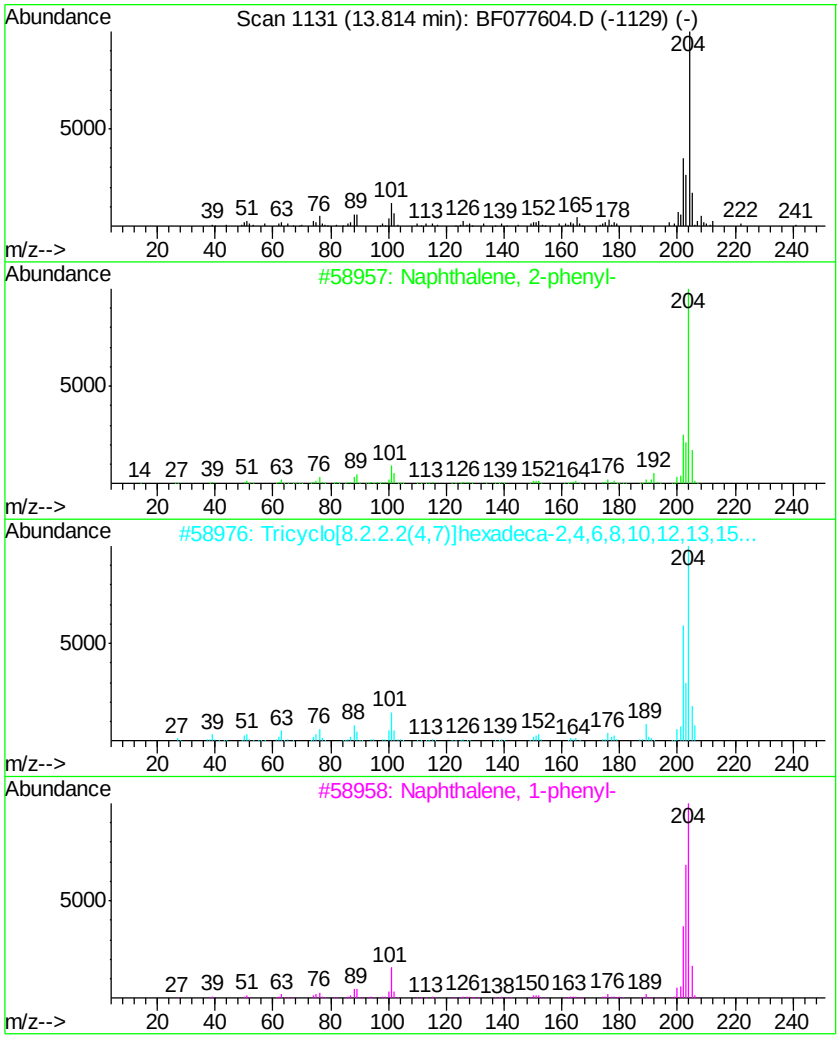
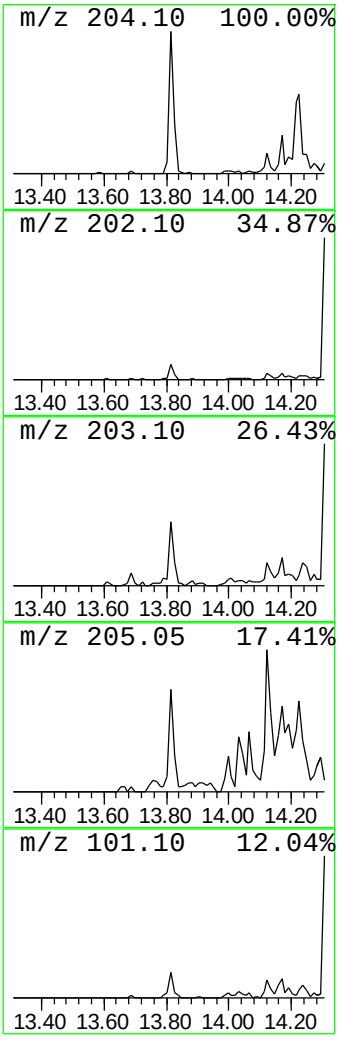
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.98 ng	231475	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52





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Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

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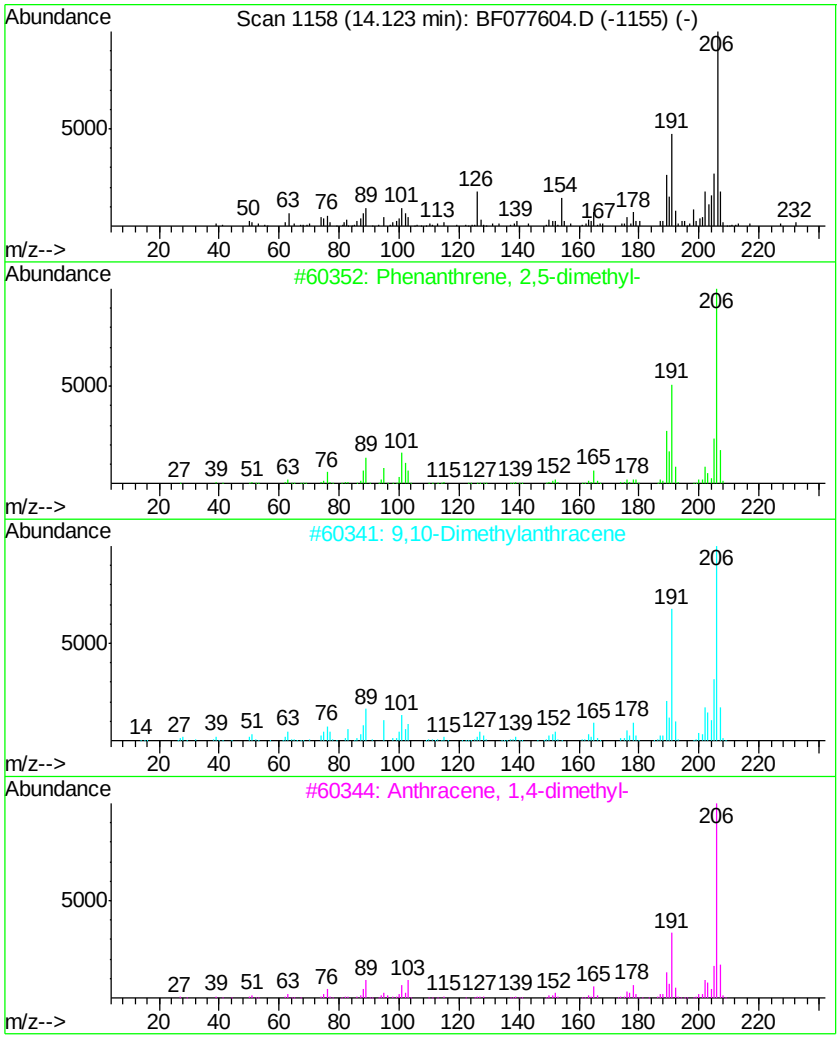
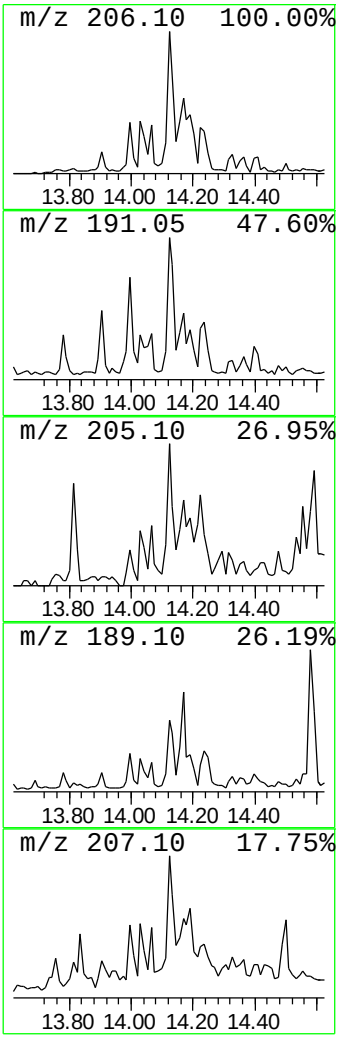
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	6.96 ng	230690	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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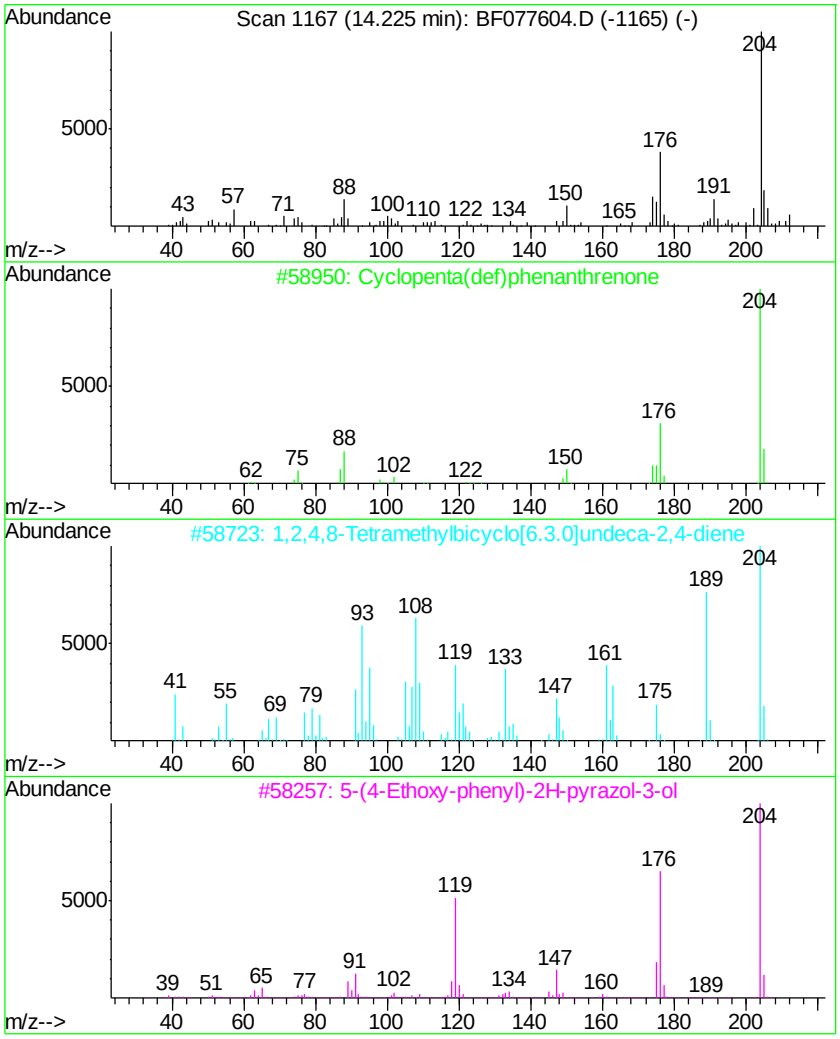
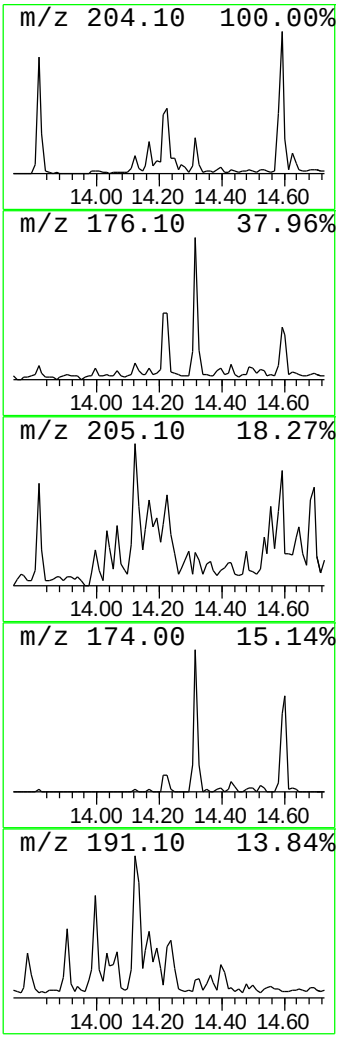
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	5.44 ng	180278	Phenanthrene-d10	12.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	47





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Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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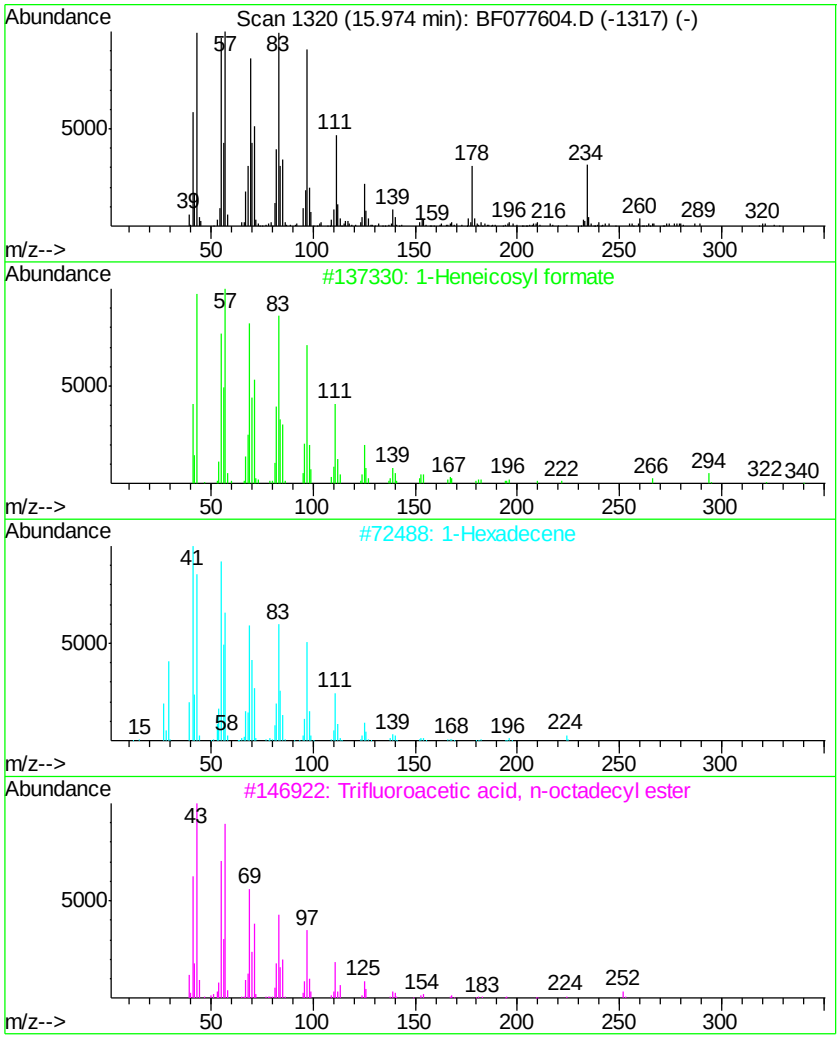
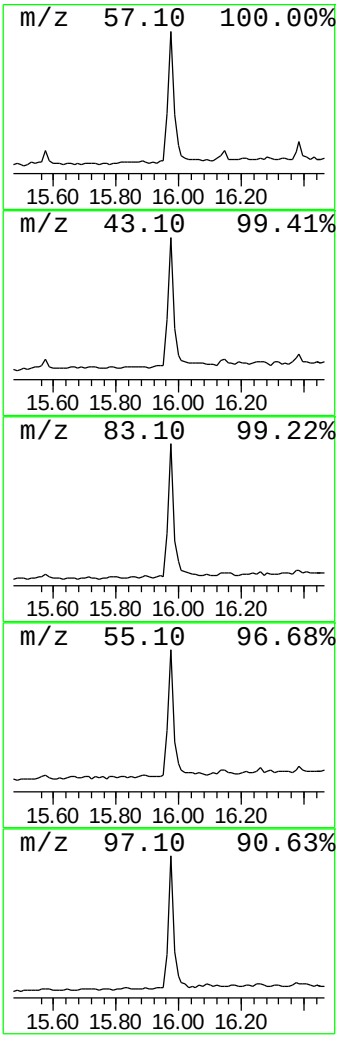
Peak Number 14 1-Heneicosyl formate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.36 ng	505472	Chrysene-d12	16.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	1-Hexadecene	224	C16H32	000629-73-2	92
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





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Instrument : BNA_F
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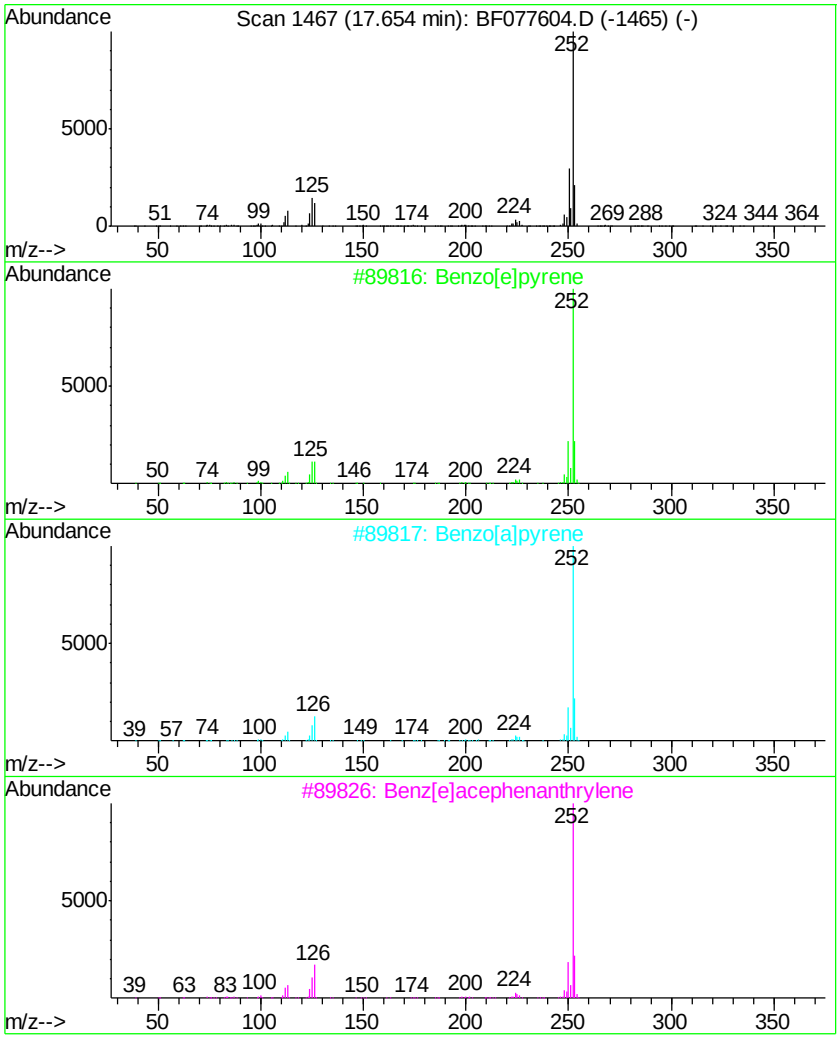
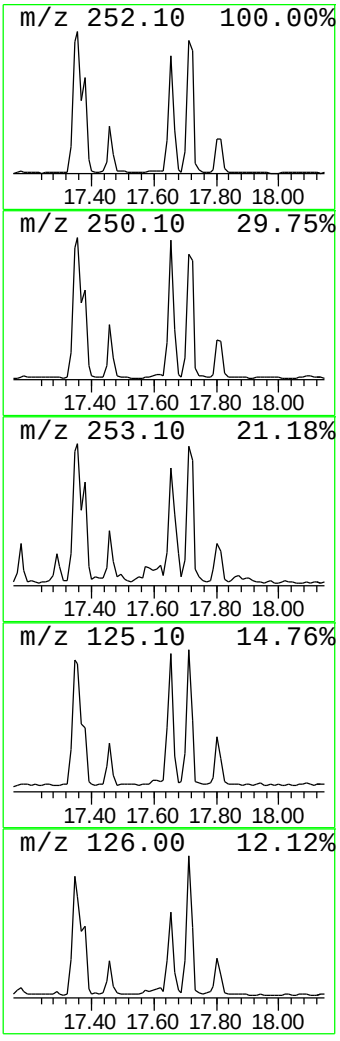
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	22.73 ng	855644	Perylene-d12	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Acq On : 5 Mar 2015 4:30
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Sample : G1424-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB18

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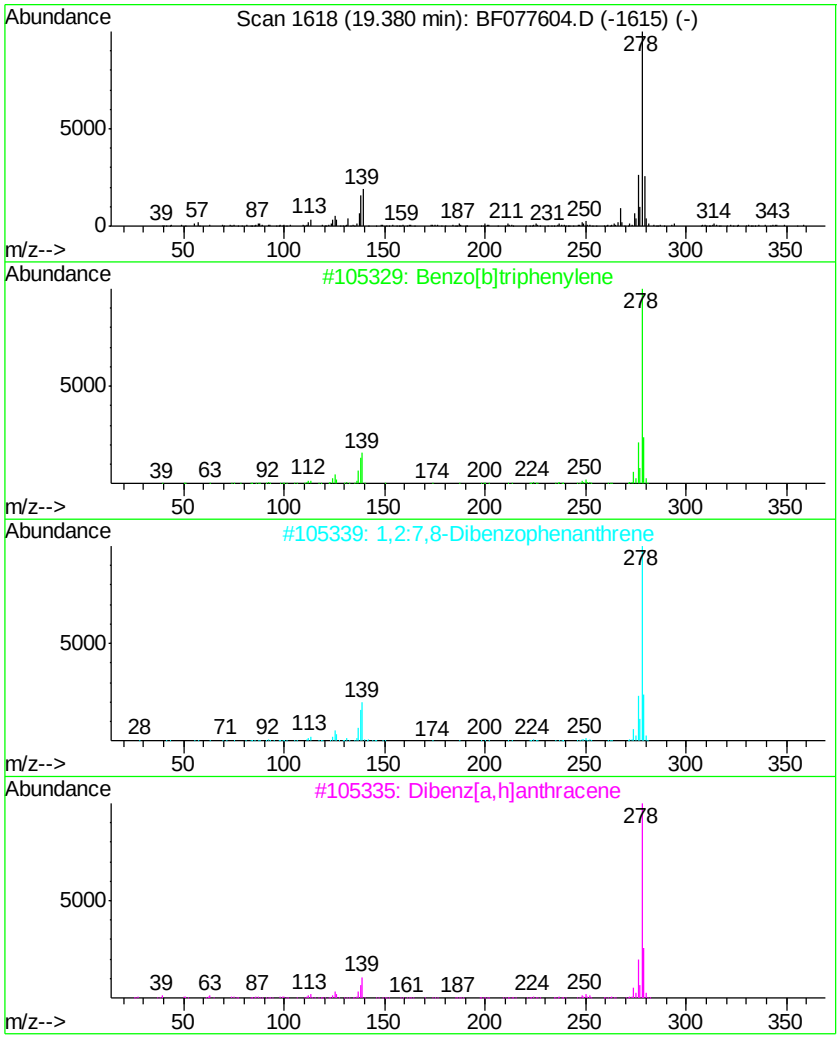
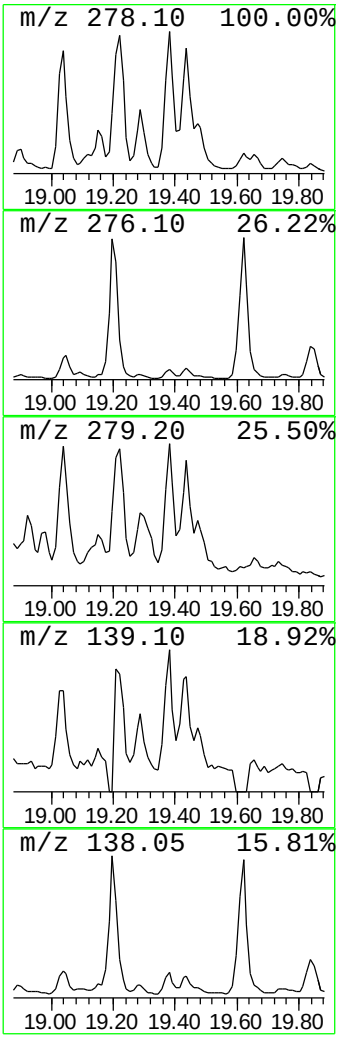
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	6.87 ng	258557	Perylene-d12	17.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95
5	Pentaphene	278	C22H14	000222-93-5	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.39	1.39	205.0	ng	4226140	1	7.22	412227	20.0
Butane, 2-methoxy...	1.69	5.4	ng	110926	1	7.22	412227	20.0
2-Pentanone, 4-hy...	5.00	16.0	ng	329153	1	7.22	412227	20.0
unknown6.93	6.93	81.0	ng	1669290	1	7.22	412227	20.0
Phenanthrene, 2-m...	13.44	5.8	ng	192243	4	12.81	663051	20.0
Phenanthrene, 1-m...	13.47	6.5	ng	215689	4	12.81	663051	20.0
4H-Cyclopenta[def...	13.57	12.3	ng	407556	4	12.81	663051	20.0
Naphthalene, 2-ph...	13.81	7.0	ng	231475	4	12.81	663051	20.0
Phenanthrene, 2,5...	14.12	7.0	ng	230690	4	12.81	663051	20.0
Cyclopenta(def)ph...	14.23	5.4	ng	180278	4	12.81	663051	20.0
1-Heneicosyl formate	15.97	4.4	ng	505472	5	16.10	2317070	20.0
Benzo[e]pyrene	17.65	22.7	ng	855644	6	17.78	752988	20.0
1,2:7,8-Dibenzoph...	19.38	6.9	ng	258557	6	17.78	752988	20.0