LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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	1.378	41	43	46	rBV	3462901	4311494	55.98%	3.941%
2	1.824	80	82	90	rVB	343819	478983	6.22%	0.438%
3	3.459	221	225	230	rVB	163463	313937	4.08%	0.287%
4	4.990	356	359	362	rBV2	175118	276735	3.59%	0.253%
5	5.516	403	405	408	rVB	1270132	1297077	16.84%	1.185%
6	6.785	514	516	520	rVB	1354352	1383489	17.96%	1.264%
7	6.933	527	529	532	rVB	1507079	1416522	18.39%	1.295%
8	7.219	552	554	556	rVV	390424	475342	6.17%	0.434%
9	7.413	566	571	573	rBV2	907838	1295025	16.81%	1.184%
10	7.573	580	585	588	rBV3	151459	300697	3.90%	0.275%
11	7.916	612	615	617	rVV	876686	901735	11.71%	0.824%
12	8.796	690	692	693	rBV	591165	629297	8.17%	0.575%
13	8.831	693	695	697	rVB	586296	812182	10.54%	0.742%
14	9.688	767	770	772	rVB	698106	684716	8.89%	0.626%
15	9.802	778	780	783	rVB	549798	556821	7.23%	0.509%
16	10.145	808	810	812	rVV	1610996	1400296	18.18%	1.280%
17	10.294	819	823	825	rVV2	333579	611514	7.94%	0.559%
18	10.465	835	838	840	rVV	207618	354832	4.61%	0.324%
19	10.556	843	846	848	rVV	489318	561635	7.29%	0.513%
20	10.705	857	859	862	rVB	165017	296707	3.85%	0.271%
21	10.796	865	867	869	rVB	283801	292971	3.80%	0.268%
22	10.968	880	882	884	rVB2	623451	732172	9.51%	0.669%
23	11.014	884	886	888	rBV	1286993	1186666	15.41%	1.085%
24	11.231	903	905	907	rVV	656199	687708	8.93%	0.629%
25	11.654	940	942	946	rVV2	1711347	1874309	24.33%	1.713%
26	11.734	946	949	950	rVV	192181	287521	3.73%	0.263%
27	11.757	950	951	953	rVV	228791	290832	3.78%	0.266%
28	11.825	953	957	958	rVV4	115907	254764	3.31%	0.233%
29	11.859	958	960	963	rVB2	224366	405097	5.26%	0.370%
30	11.951	965	968	971	rBV	1255873	1410754	18.32%	1.289%
31	12.339	997	1002	1003	rVV2	337938	670194	8.70%	0.613%
32	12.374	1003	1005	1006	rVV	263241	327417	4.25%	0.299%
33	12.442	1009	1011	1012	rVB	234291	297902	3.87%	0.272%
34	12.534	1015	1019	1020	rVV4	147410	387643	5.03%	0.354%

LSC Area Percent Report

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Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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	12.648	1026	1029	1030	rBV	195929	352631	4.58%	0.322%
36	12.682	1030	1032	1036	rVV2	520485	831181	10.79%	0.760%
37	12.820	1041	1044	1045	rBV	597282	838952	10.89%	0.767%
38	12.854	1045	1047	1049	rVV	6087704	7702383	100.00%	7.040%
39	12.911	1049	1052	1054	rVV	2147954	2238649	29.06%	2.046%
40	12.957	1054	1056	1058	rVV2	135446	247486	3.21%	0.226%
41	13.117	1068	1070	1072	rVV	565235	614934	7.98%	0.562%
42	13.197	1075	1077	1079	rVV2	218202	312204	4.05%	0.285%
43	13.231	1079	1080	1087	rVV3	207841	404264	5.25%	0.369%
44	13.448	1096	1099	1100	rBV	1296916	1329502	17.26%	1.215%
45	13.482	1100	1102	1104	rVB	1578309	1538089	19.97%	1.406%
46	13.540	1105	1107	1108	rBV	596865	591897	7.68%	0.541%
47	13.585	1108	1111	1112	rVV	1374051	2153284	27.96%	1.968%
48	13.700	1116	1121	1123	rBV3	93222	272505	3.54%	0.249%
49	13.825	1130	1132	1136	rVB2	775556	1296714	16.84%	1.185%
50	14.008	1146	1148	1149	rBV	231799	341760	4.44%	0.312%
51	14.134	1156	1159	1161	rBV	620690	867798	11.27%	0.793%
52	14.180	1161	1163	1166	rVB3	334048	672690	8.73%	0.615%
53	14.237	1166	1168	1171	rVB3	288696	492454	6.39%	0.450%
54	14.328	1173	1176	1179	rBV	4480062	6933452	90.02%	6.337%
55	14.397	1180	1182	1184	rBV2	499322	591221	7.68%	0.540%
56	14.500	1188	1191	1193	rBV3	283561	460186	5.97%	0.421%
57	14.614	1198	1201	1203	rVV	5076888	7295553	94.72%	6.668%
58	14.763	1212	1214	1215	rBV	326616	362718	4.71%	0.332%
59	14.808	1215	1218	1221	rVB2	1266842	1591723	20.67%	1.455%
60	14.888	1221	1225	1227	rBV2	396249	706457	9.17%	0.646%
61	15.025	1231	1237	1239	rVB	979088	1811497	23.52%	1.656%
62	15.105	1242	1244	1246	rVB	1014497	970156	12.60%	0.887%
63	15.151	1246	1248	1250	rBV	784811	963654	12.51%	0.881%
64	15.265	1256	1258	1259	rBV	299355	402445	5.22%	0.368%
65	15.300	1259	1261	1263	rBV	429754	433305	5.63%	0.396%
66	15.586	1277	1286	1287	rBV3	308719	1135845	14.75%	1.038%
67	15.654	1287	1292	1295	rVV2	248522	531534	6.90%	0.486%
68	15.791	1302	1304	1306	rBV	419020	604301	7.85%	0.552%
69	15.837	1306	1308	1311	rVV2	594610	1108861	14.40%	1.013%
70	15.928	1314	1316	1318	rVB	210243	316083	4.10%	0.289%
71	16.008	1320	1323	1325	rBV3	175676	325130	4.22%	0.297%

LSC Area Percent Report

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Operator : TP/IZ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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	16.111	1328	1332	1335	rVV2	2762377	5292160	68.71%	4.837%
73	16.157	1335	1336	1341	rVB	2581888	2482543	32.23%	2.269%
74	16.248	1341	1344	1347	rBV2	452982	750813	9.75%	0.686%
75	16.374	1353	1355	1358	rVB3	136269	281094	3.65%	0.257%
76	16.431	1358	1360	1361	rBV	172474	251306	3.26%	0.230%
77	16.637	1375	1378	1380	rVV	599737	920206	11.95%	0.841%
78	16.671	1380	1381	1384	rVV	272136	377352	4.90%	0.345%
79	16.751	1387	1388	1390	rVV2	305814	371775	4.83%	0.340%
80	16.797	1390	1392	1393	rVV	201143	330840	4.30%	0.302%
81	16.820	1393	1394	1395	rVV	272104	237915	3.09%	0.217%
82	16.900	1399	1401	1405	rVB3	137704	256393	3.33%	0.234%
83	17.037	1411	1413	1415	rBV2	159032	256558	3.33%	0.234%
84	17.460	1446	1450	1455	rBV	1818295	4482788	58.20%	4.097%
85	17.574	1455	1460	1462	rVB2	440575	773457	10.04%	0.707%
86	17.780	1475	1478	1481	rVB	1091148	1542889	20.03%	1.410%
87	17.849	1481	1484	1487	rVB	1903572	2469077	32.06%	2.257%
88	17.906	1487	1489	1491	rBV	534615	948536	12.31%	0.867%
89	18.272	1519	1521	1525	rVB	258093	411839	5.35%	0.376%
90	18.534	1541	1544	1547	rBV2	182975	293461	3.81%	0.268%
91	18.649	1552	1554	1558	rVB2	311718	625454	8.12%	0.572%
92	19.049	1586	1589	1596	rVB4	167855	516696	6.71%	0.472%
93	19.186	1597	1601	1605	rBV4	248840	651161	8.45%	0.595%
94	19.357	1612	1616	1621	rVB2	833272	1724925	22.39%	1.577%
95	19.540	1629	1632	1634	rBV	133339	278409	3.61%	0.254%
96	19.780	1649	1653	1661	rVB	1874338	3865596	50.19%	3.533%
97	19.906	1661	1664	1667	rBV2	124383	297732	3.87%	0.272%
98	20.009	1670	1673	1675	rVV	148090	328861	4.27%	0.301%
99	20.055	1675	1677	1680	rVB3	174252	290690	3.77%	0.266%
100	20.569	1718	1722	1727	rVB2	352238	994730	12.91%	0.909%

Sum of corrected areas: 109413740

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
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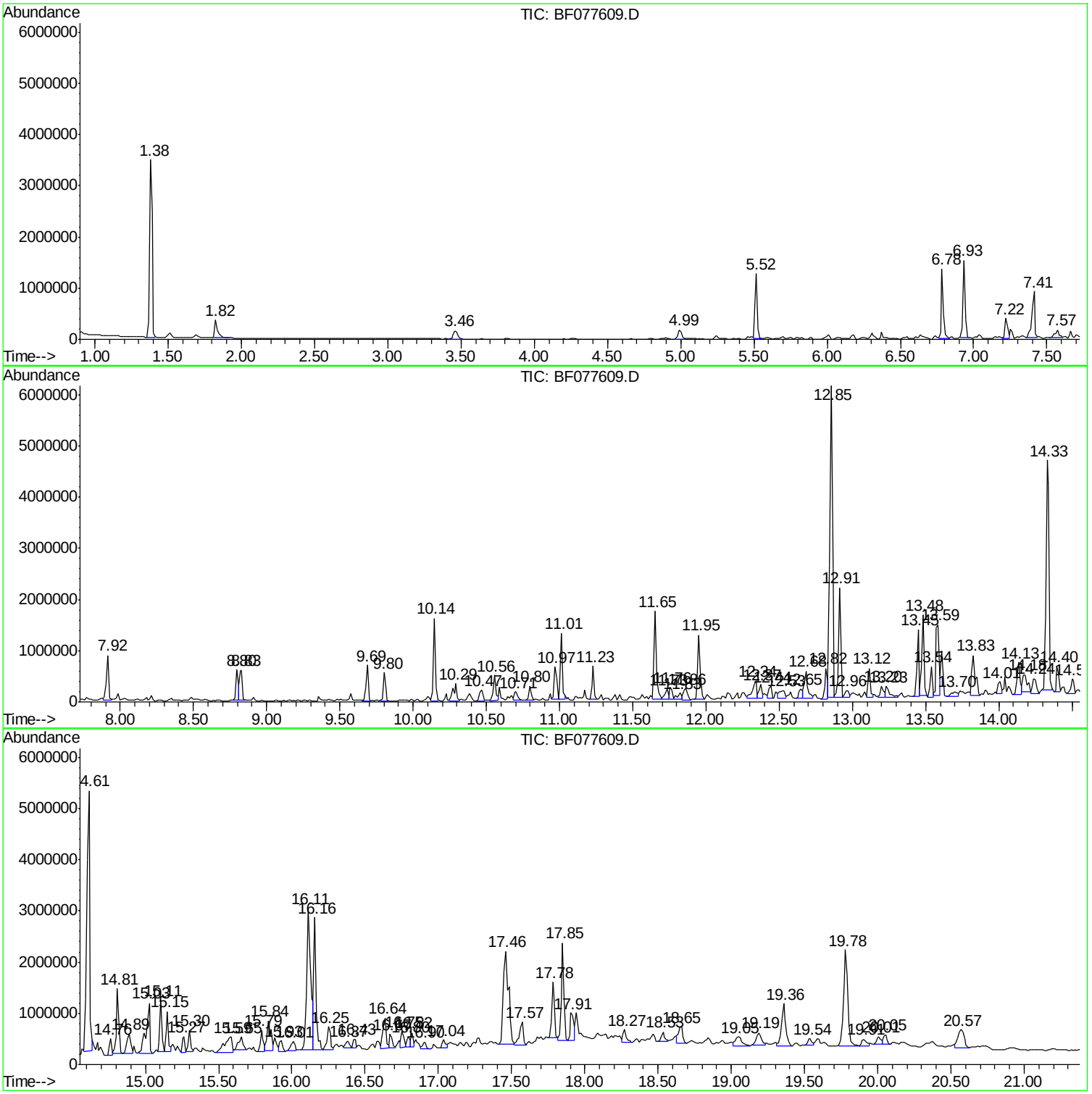
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
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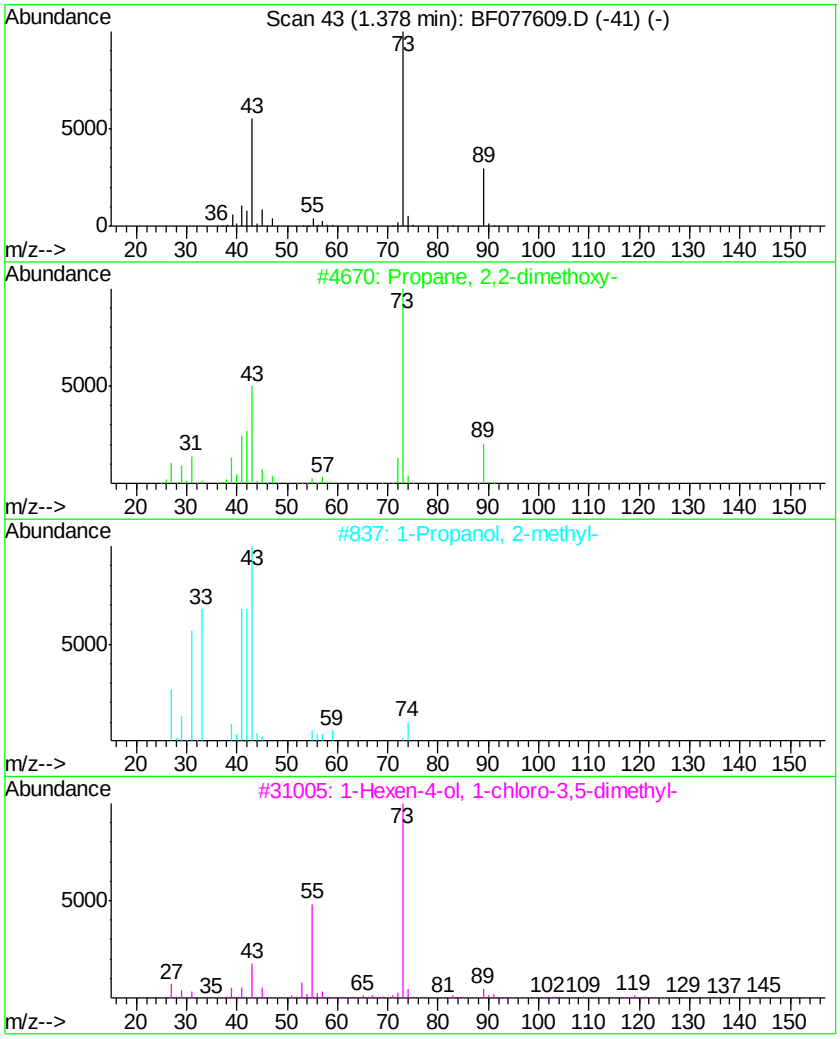
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

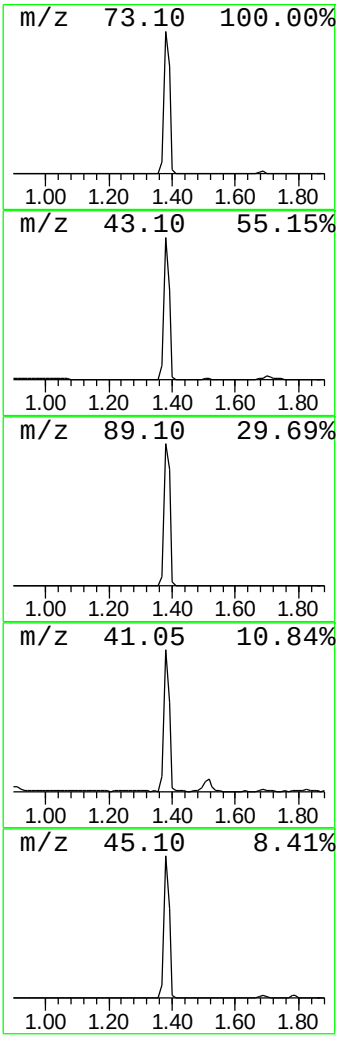
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.38	181.41 ng	4311490	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	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
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Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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
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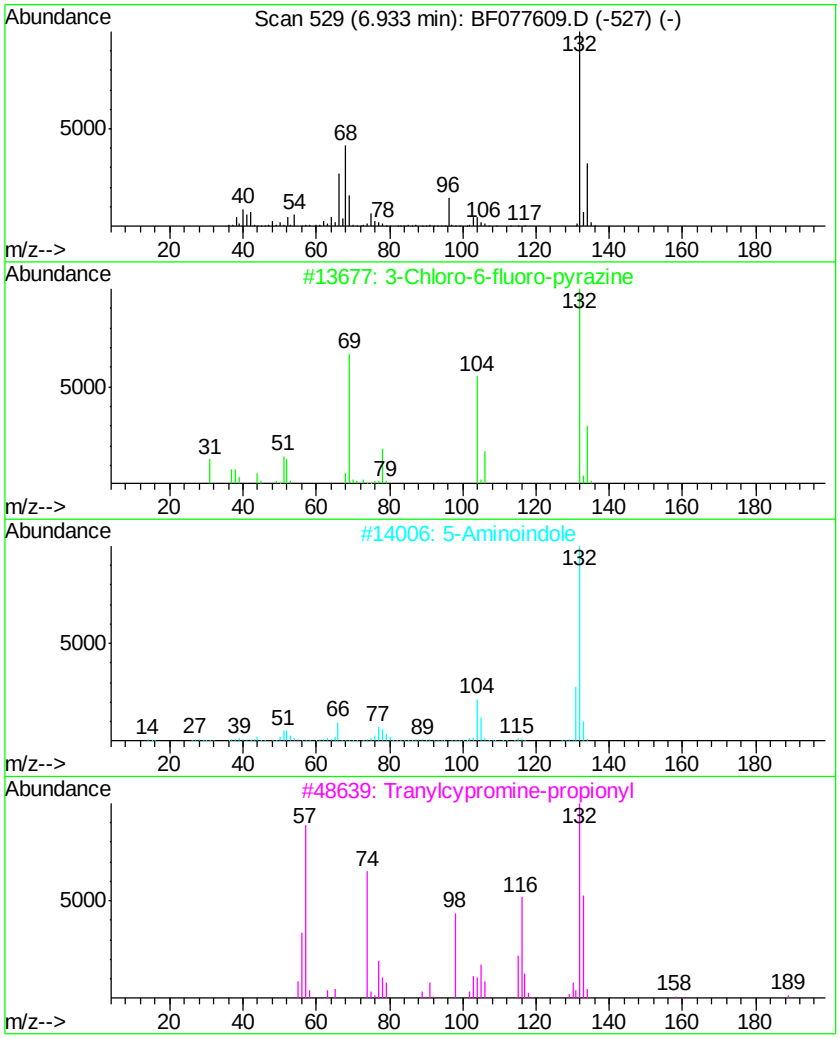
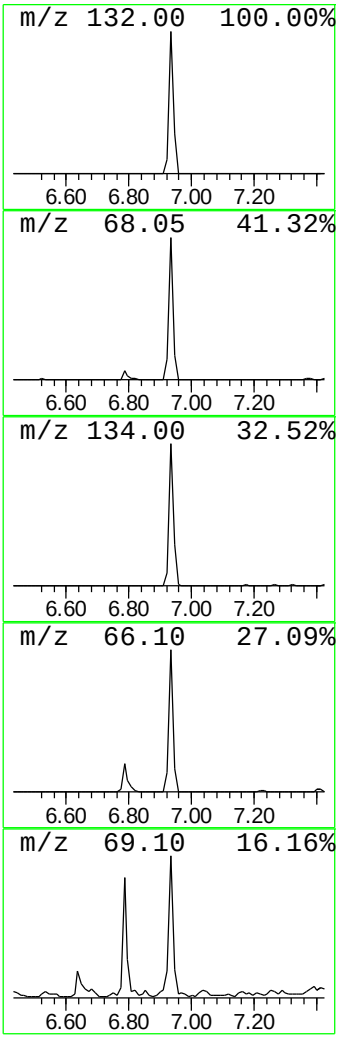
****

Peak Number 3 unknown6.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	59.60 ng	1416520	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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

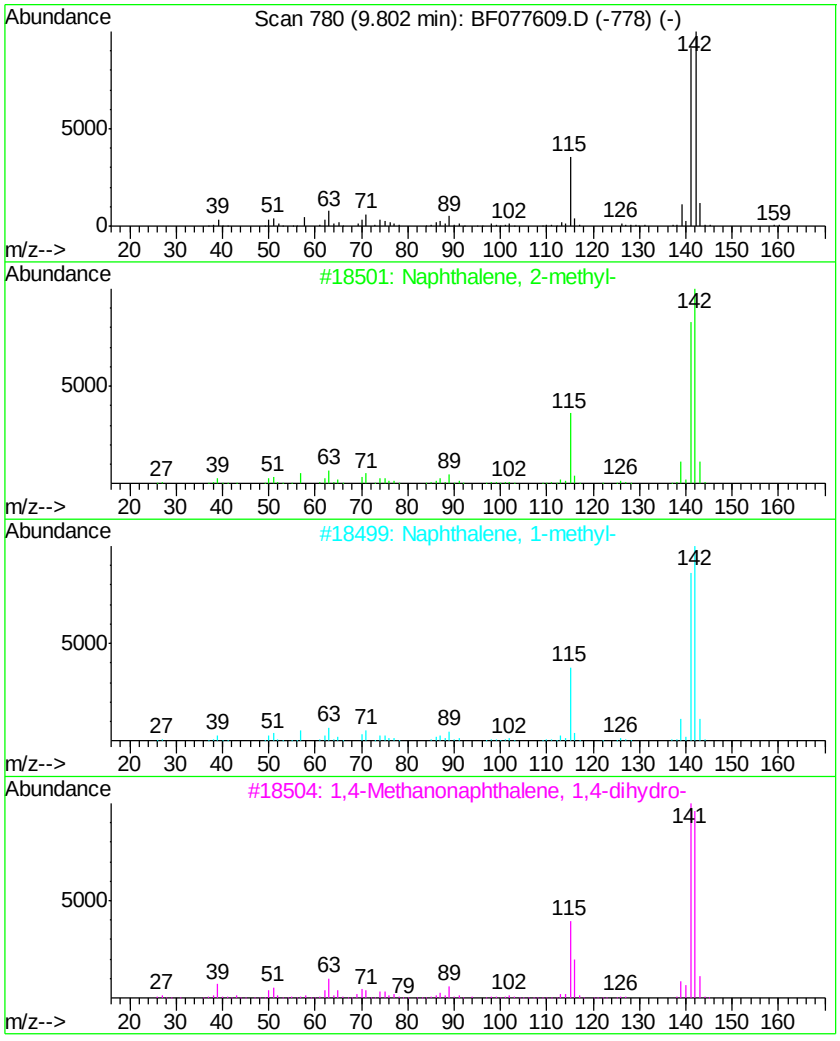
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

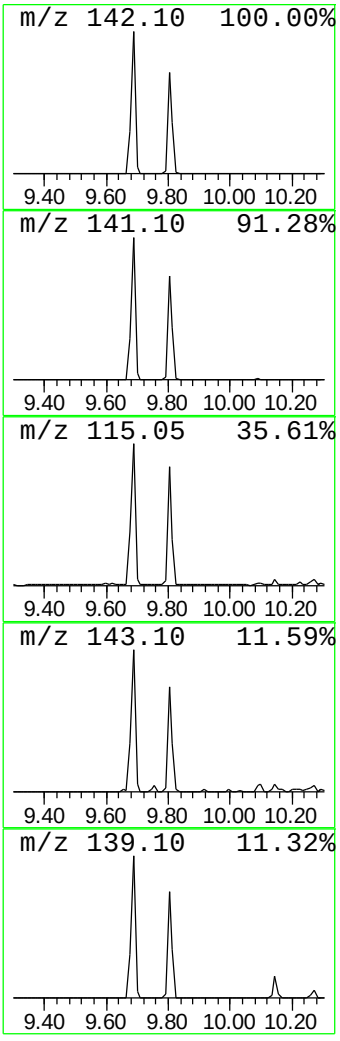
****

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	17.70 ng	556821	Naphthalene-d8	8.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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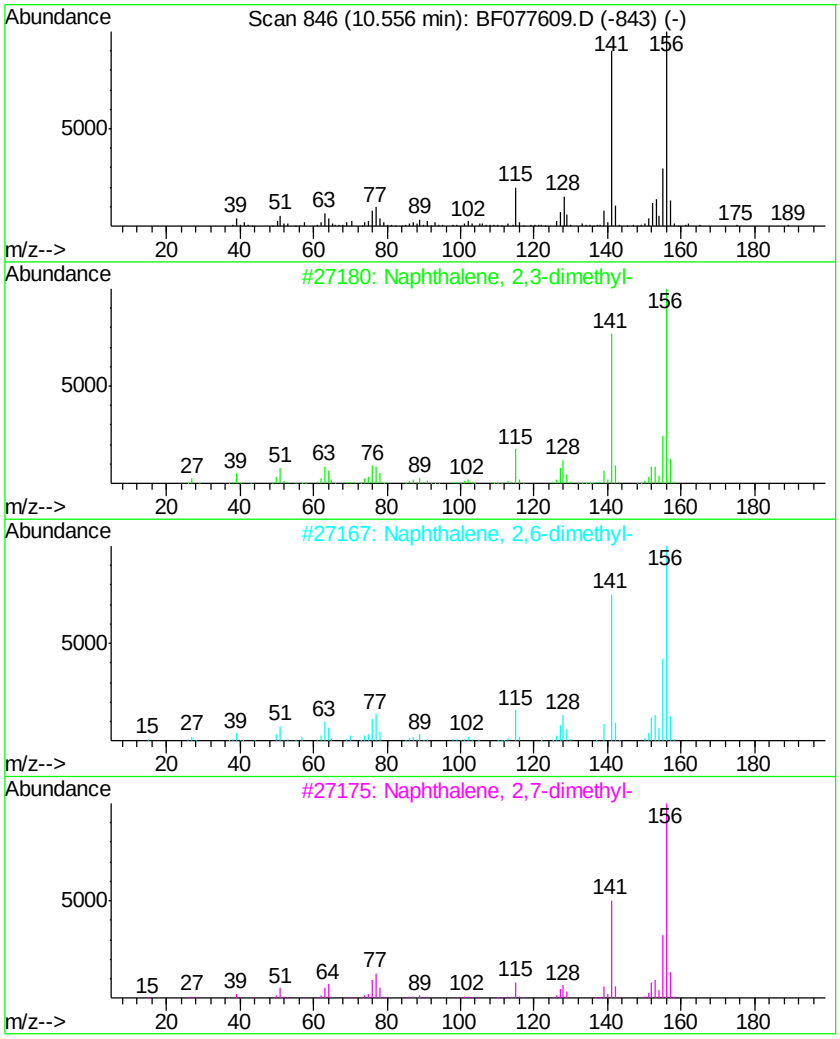
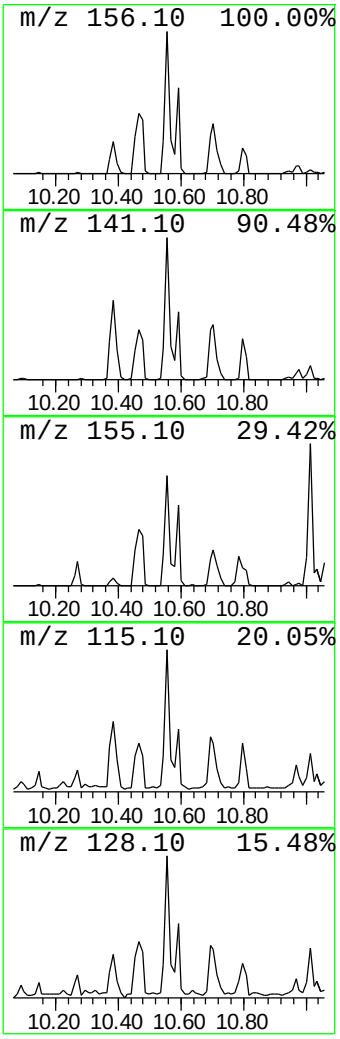
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	15.34 ng	561635	Acenaphthene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030415\
Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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

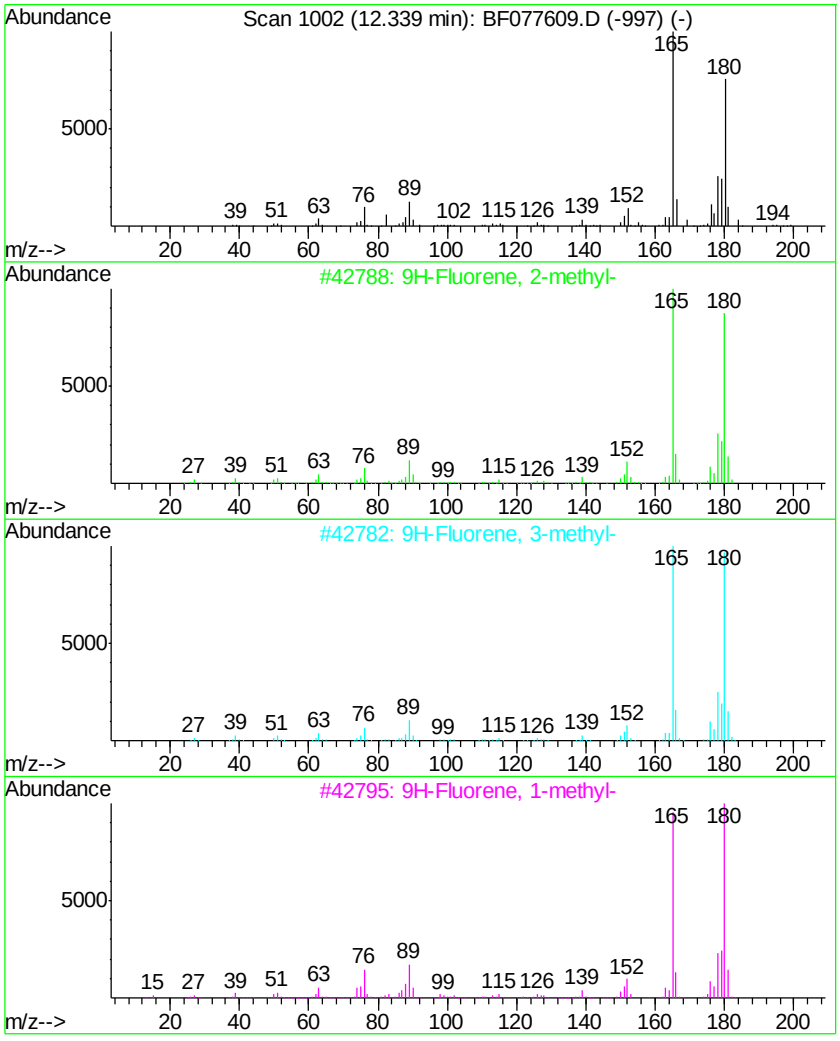
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

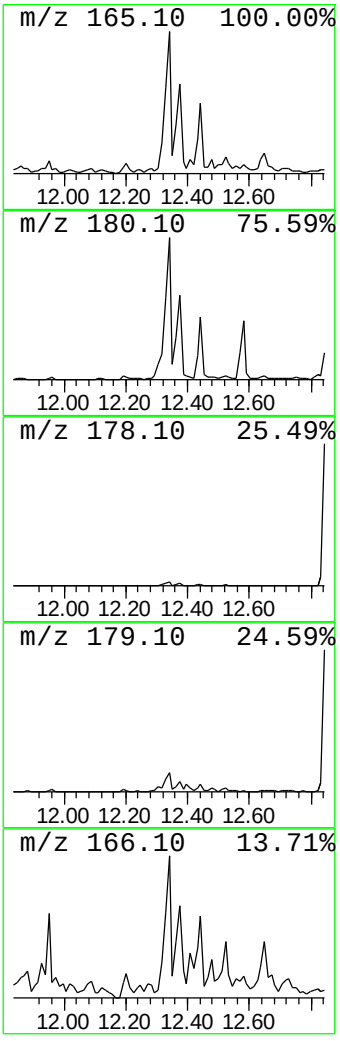
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	15.98 ng	670194	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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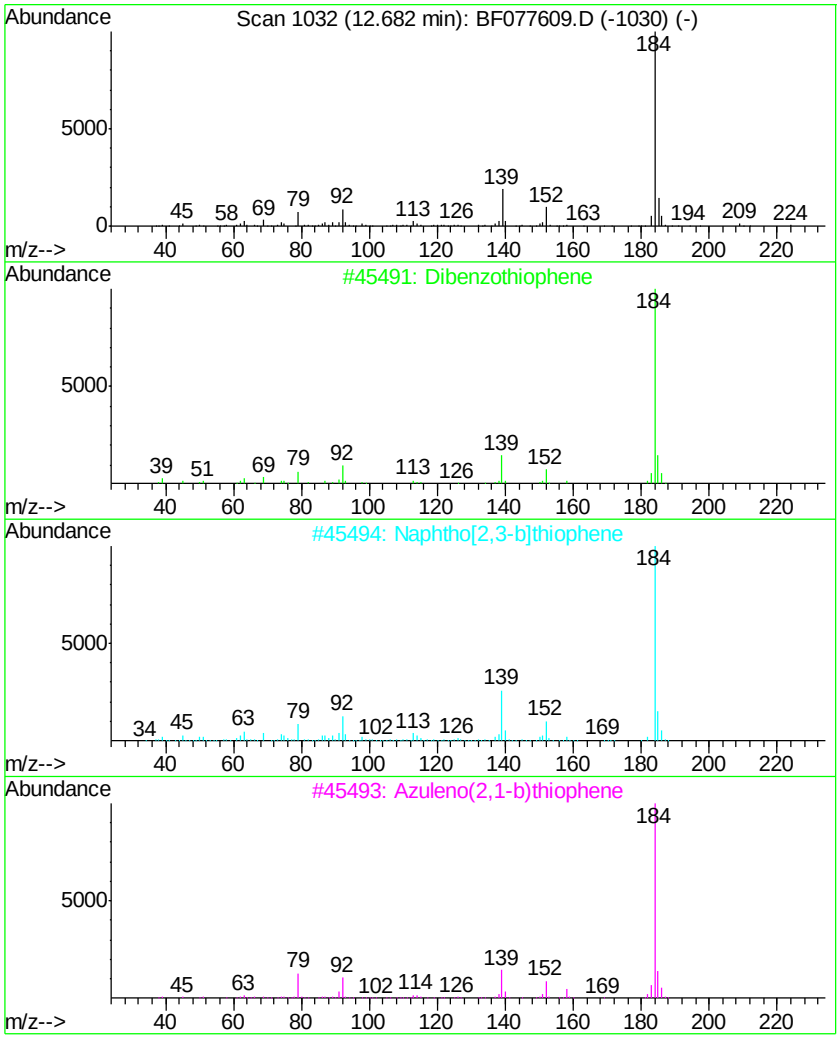
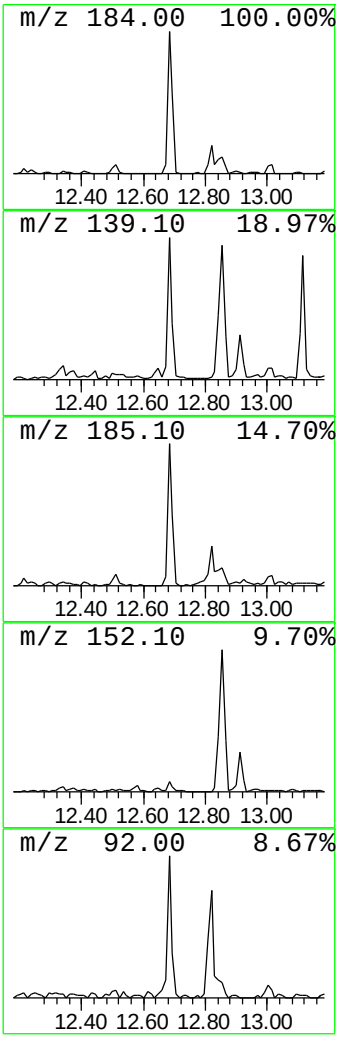
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	19.81 ng	831181	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	2,7-Diamino-quinoline-3-carbonit...	184	C10H8N4	1000187-24-4	59
5	Phenol, 2,5-dinitro-	184	C6H4N2O5	000329-71-5	53





Library Search Compound Report

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Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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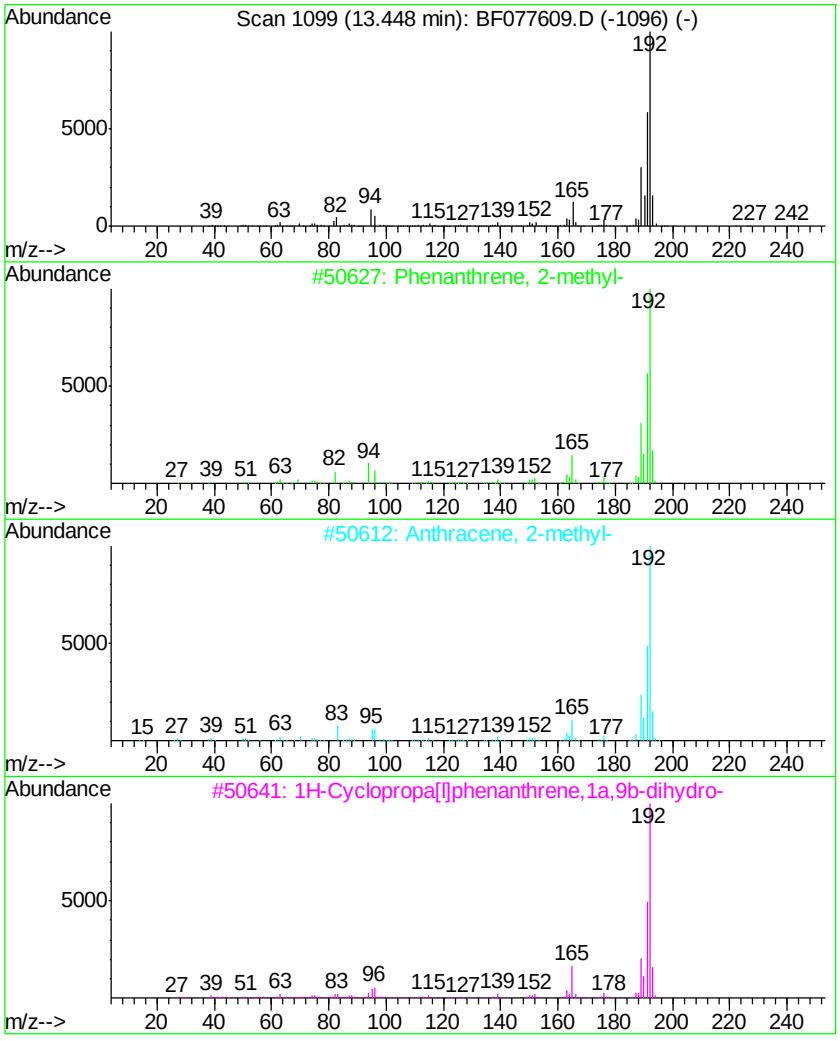
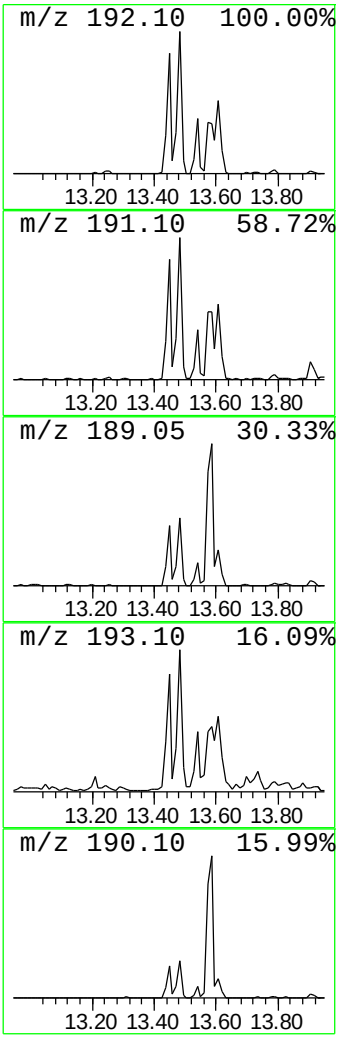
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	31.69 ng	1329500	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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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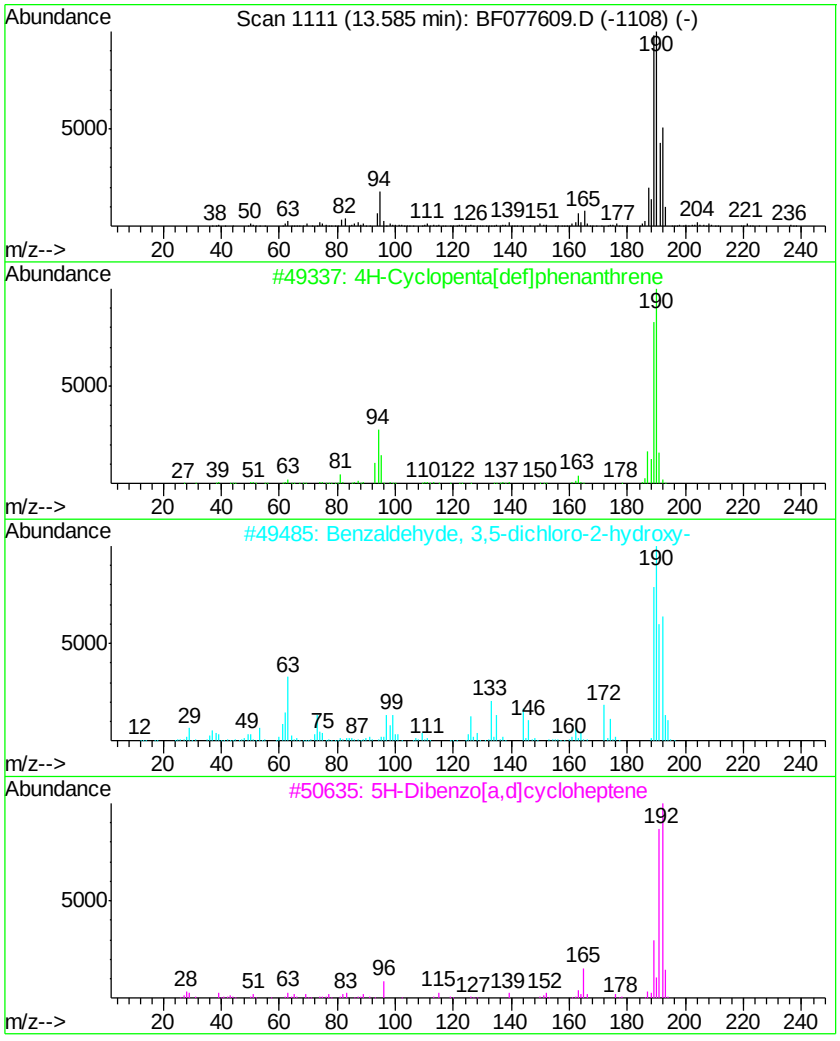
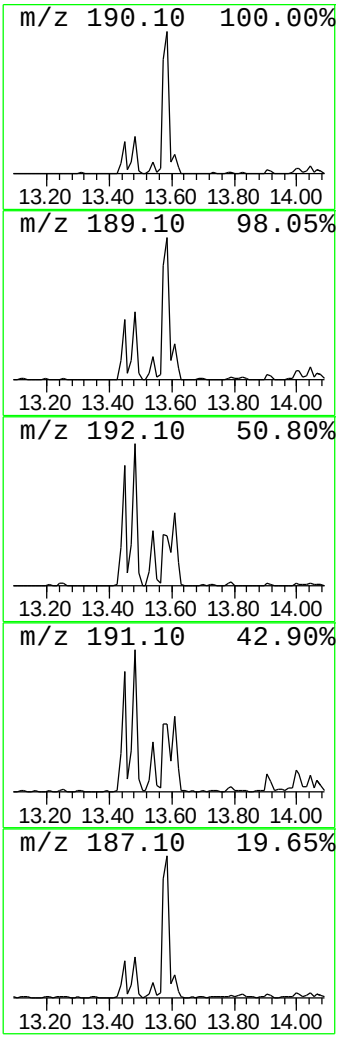
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	51.33 ng	2153280	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	14





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Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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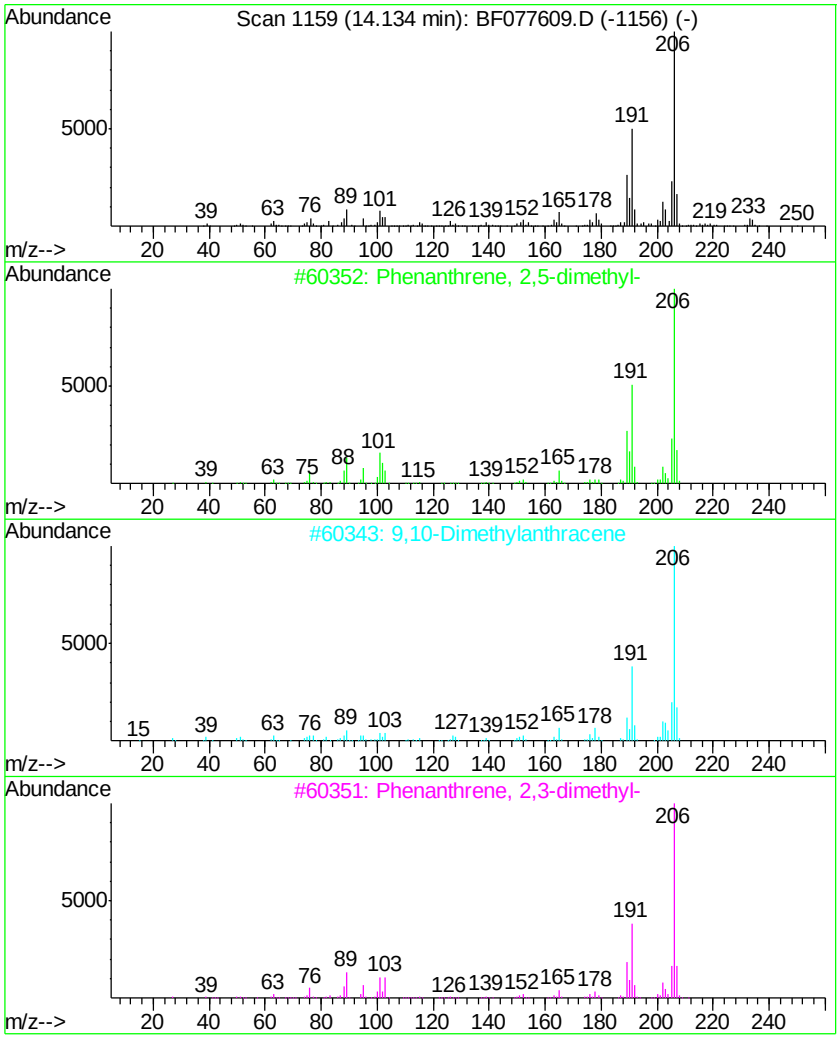
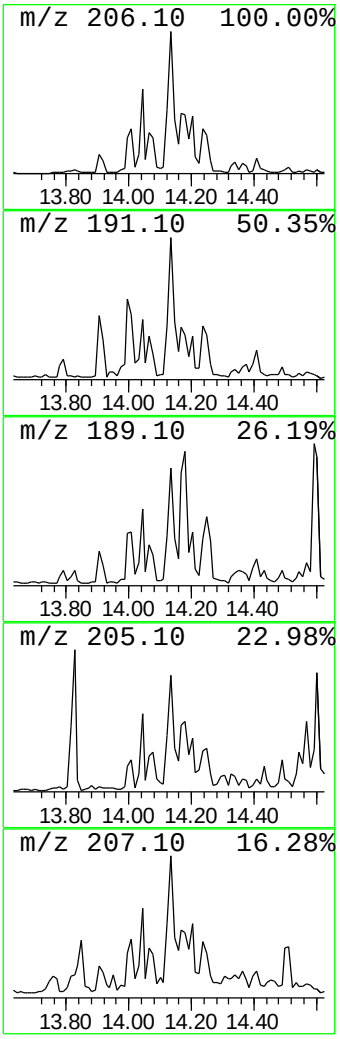
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	20.69 ng	867798	Phenanthrene-d10	12.82

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	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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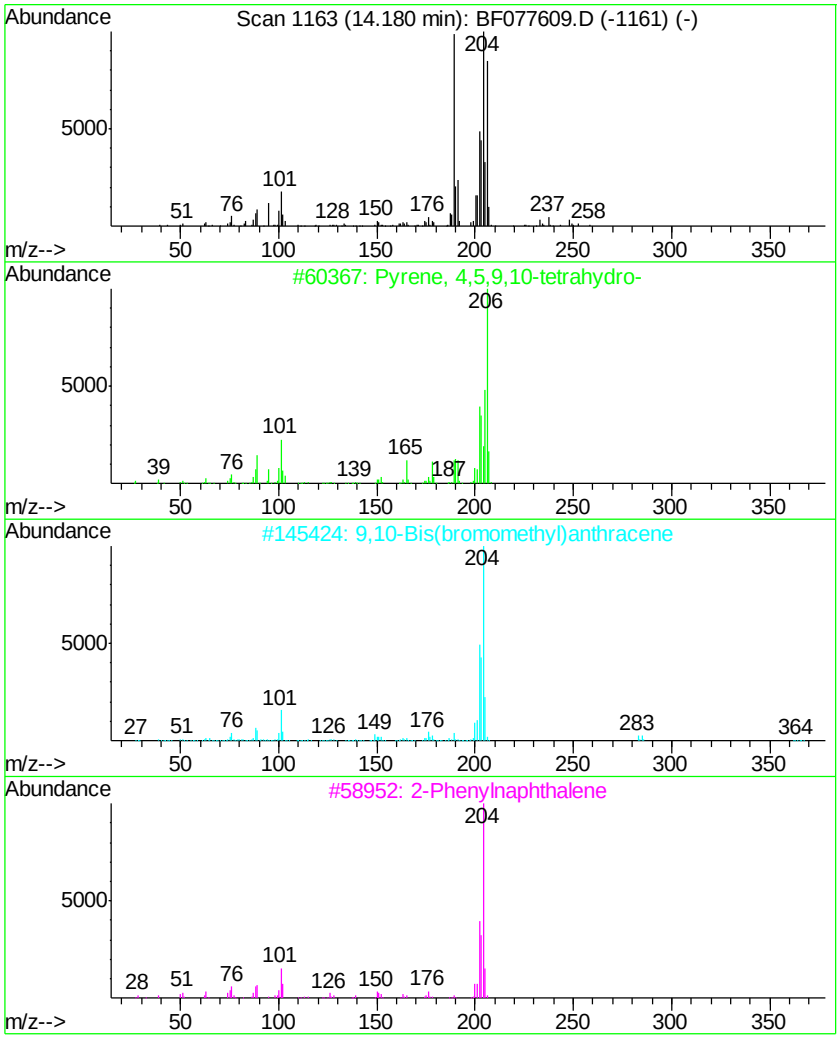
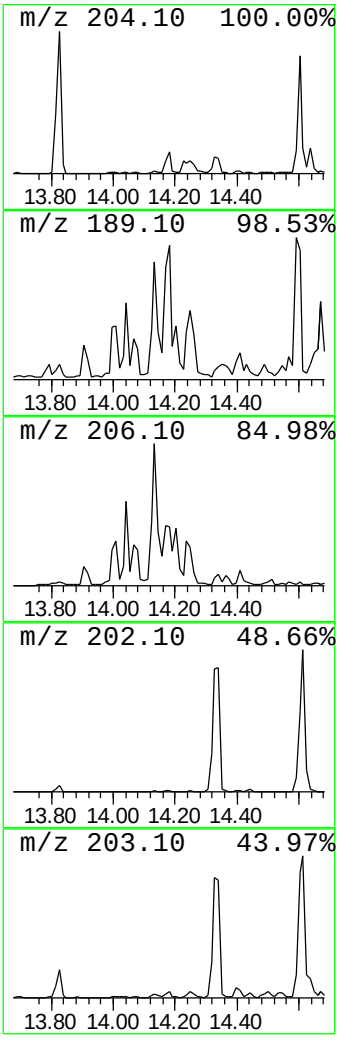
Peak Number 15 unknown14.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	16.04 ng	672690	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	41
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	38
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	35





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Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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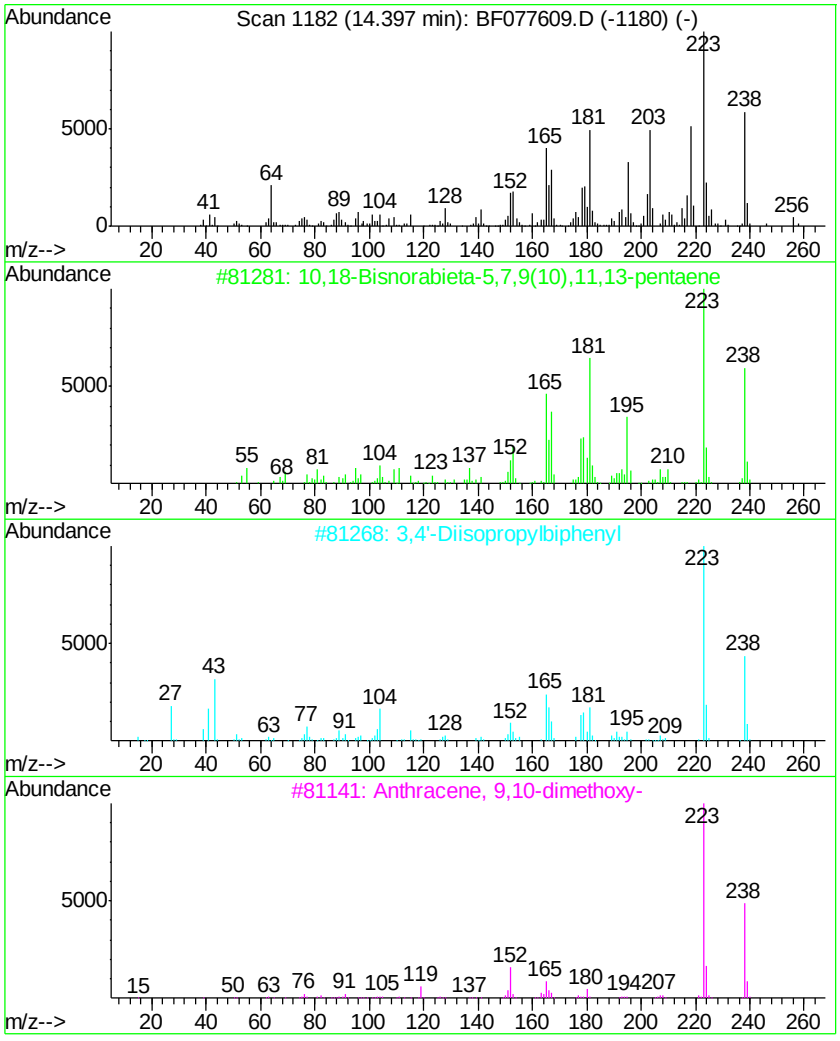
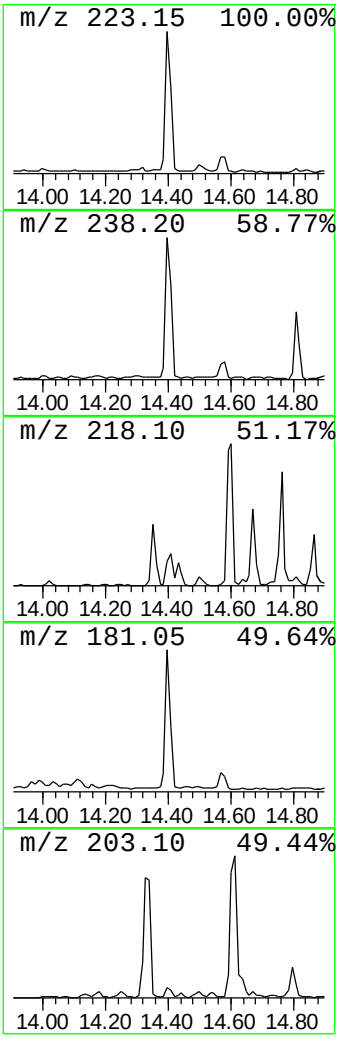
Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	14.09 ng	591221	Phenanthrene-d10	12.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	60
3	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	42
4	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	42
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38





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Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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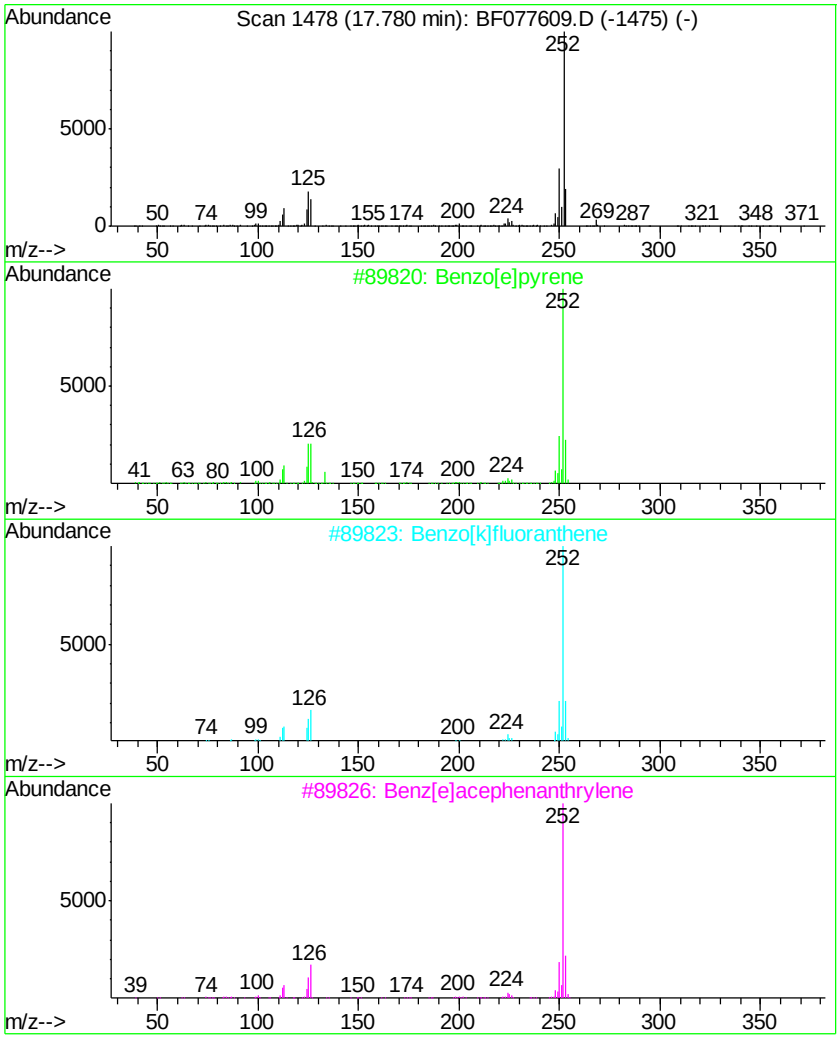
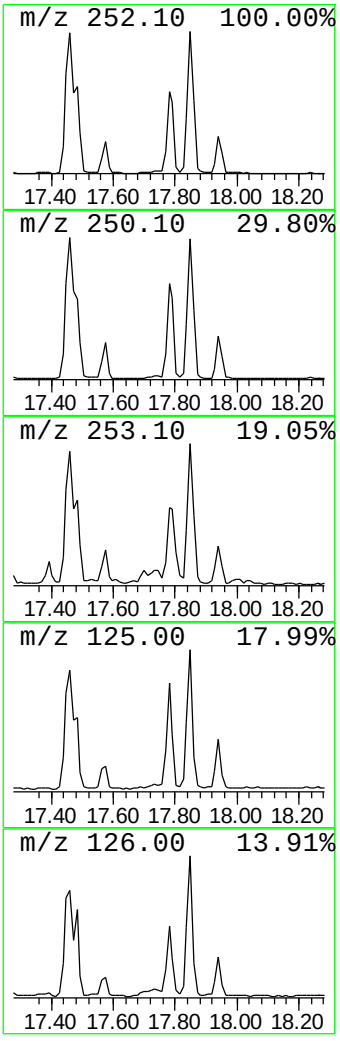
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	32.53 ng	1542890	Perylene-d12	17.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





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Sample : G1424-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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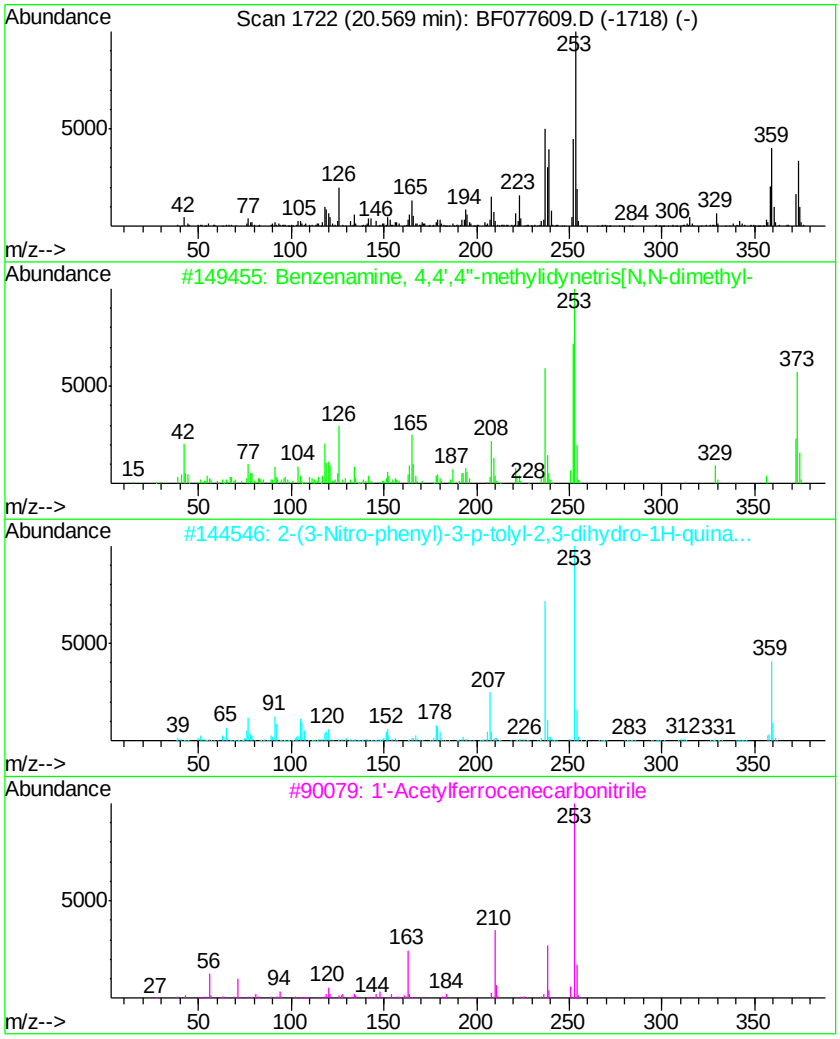
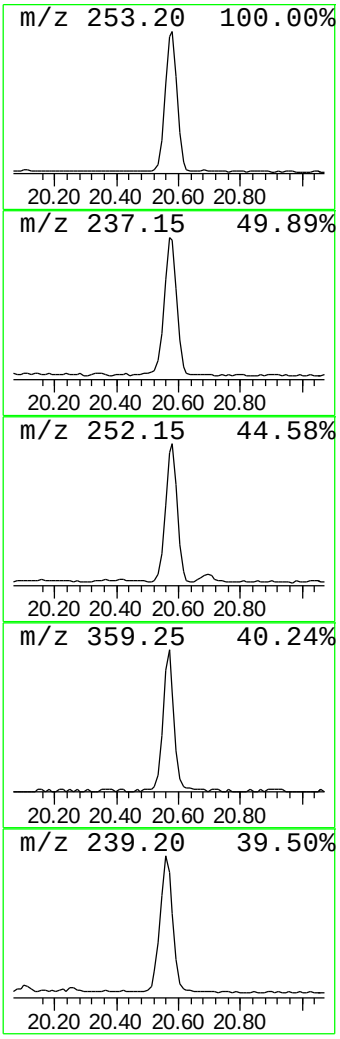
Peak Number 20 Benzenamine, 4,4',4''-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	20.97 ng	994730	Perylene-d12	17.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4',4''-methylidyn...	373	C25H31N3	000603-48-5	95
2	2-(3-Nitro-phenyl)-3-p-tolyl-2,3...	359	C21H17N3O3	328090-77-3	50
3	1'-Acetylferrocenecarbonitrile	253	C13H11FeNO	012276-85-6	25
4	12,13-Dioxatricyclo[7.3.1.0(1,6)...	424	C21H28O7S	1000197-23-9	16
5	1,3-Diphenyl-4H-1,2,4-triazoline...	253	C14H11N3S	005055-73-2	16





Tentatively Identified Compound (LSC) summary

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Data File : BF077609.D
Acq On : 5 Mar 2015 6:53
Operator : TP/IZ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEP-1

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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
Propane, 2,2-dime...	1.38	181.4	ng	4311490	1	7.22	475342	20.0
unknown6.93	6.93	59.6	ng	1416520	1	7.22	475342	20.0
Naphthalene, 2-me...	9.80	17.7	ng	556821	2	8.80	629297	20.0
Naphthalene, 2,3-...	10.56	15.3	ng	561635	3	10.97	732172	20.0
9H-Fluorene, 2-me...	12.34	16.0	ng	670194	4	12.82	838952	20.0
Dibenzothiophene	12.68	19.8	ng	831181	4	12.82	838952	20.0
Phenanthrene, 2-m...	13.45	31.7	ng	1329500	4	12.82	838952	20.0
4H-Cyclopenta[def...	13.59	51.3	ng	2153280	4	12.82	838952	20.0
Phenanthrene, 2,5...	14.13	20.7	ng	867798	4	12.82	838952	20.0
unknown14.18	14.18	16.0	ng	672690	4	12.82	838952	20.0
10,18-Bisnorabiet...	14.40	14.1	ng	591221	4	12.82	838952	20.0
Benzo[e]pyrene	17.78	32.5	ng	1542890	6	17.91	948536	20.0
Benzenamine, 4,4'...	20.57	21.0	ng	994730	6	17.91	948536	20.0