LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF060315.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	1.518	27	29	74	rVB4	604318	5998779	67.49%	5.236%
2	2.273	93	95	109	rVB	106299	331417	3.73%	0.289%
3	2.479	109	113	116	rBV2	3703763	5973499	67.20%	5.214%
4	2.684	128	131	144	rVB	67446	181005	2.04%	0.158%
5	2.947	151	154	157	rVB	124479	183095	2.06%	0.160%
6	6.136	431	433	435	rBV	1824783	1515833	17.05%	1.323%
7	7.108	516	518	521	rBV	1598225	1484925	16.71%	1.296%
8	7.290	531	534	536	rBV	1655031	1622091	18.25%	1.416%
9	7.519	552	554	556	rBV	547617	477975	5.38%	0.417%
10	7.679	566	568	570	rBV	1324524	1147614	12.91%	1.002%
11	8.079	600	603	605	rBV	617926	796758	8.96%	0.695%
12	8.811	665	667	672	rVB	624072	880030	9.90%	0.768%
13	9.531	728	730	732	rBV	236898	188891	2.13%	0.165%
14	9.885	759	761	764	rVB	1731554	1689178	19.00%	1.474%
15	10.274	793	795	797	rVB	882007	733499	8.25%	0.640%
16	10.594	821	823	824	rBV	864157	741311	8.34%	0.647%
17	10.628	824	826	827	rVB	806762	754114	8.48%	0.658%
18	10.799	838	841	842	rBV	664327	682233	7.68%	0.596%
19	10.994	855	858	862	rVB4	96016	187330	2.11%	0.164%
20	11.142	869	871	873	rVB	955349	909947	10.24%	0.794%
21	11.211	873	877	878	rBV	111547	174662	1.96%	0.152%
22	11.302	882	885	887	rVB2	291105	319672	3.60%	0.279%
23	11.382	890	892	894	rBV2	1238064	1346375	15.15%	1.175%
24	11.702	916	920	921	rBV2	211890	277701	3.12%	0.242%
25	11.828	929	931	932	rBV2	147852	176565	1.99%	0.154%
26	11.851	932	933	936	rVV2	144985	226149	2.54%	0.197%
27	11.908	936	938	939	rVV	445177	475945	5.35%	0.415%
28	11.942	939	941	945	rVV3	137120	343718	3.87%	0.300%
29	12.011	945	947	949	rVB	469278	556727	6.26%	0.486%
30	12.114	954	956	957	rBV	832866	938719	10.56%	0.819%
31	12.148	957	959	960	rVV	7930824	8295389	93.32%	7.241%
32	12.194	960	963	965	rVV	2632737	2351042	26.45%	2.052%
33	12.297	969	972	974	rBV3	113414	197342	2.22%	0.172%
34	12.342	974	976	978	rBV	1141016	1111514	12.50%	0.970%

LSC Area Percent Report

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Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.640	1001	1002	1004	rBV	653552	757078	8.52%	0.661%
36	12.674	1004	1005	1007	rVB	1145305	857007	9.64%	0.748%
37	12.720	1007	1009	1011	rVB	349048	418839	4.71%	0.366%
38	12.777	1011	1014	1017	rBV2	902051	1895203	21.32%	1.654%
39	12.960	1028	1030	1031	rBV	702133	662897	7.46%	0.579%
40	12.982	1031	1032	1035	rVV	488281	468362	5.27%	0.409%
41	13.120	1039	1044	1046	rBV2	146161	267273	3.01%	0.233%
42	13.188	1049	1050	1053	rVV	279647	294839	3.32%	0.257%
43	13.245	1053	1055	1057	rVV	380677	468275	5.27%	0.409%
44	13.291	1057	1059	1062	rVV3	202189	392893	4.42%	0.343%
45	13.348	1062	1064	1067	rVV	357136	484148	5.45%	0.423%
46	13.440	1069	1072	1074	rVV	7303782	8578091	96.51%	7.488%
47	13.497	1074	1077	1079	rVB2	198796	343890	3.87%	0.300%
48	13.611	1085	1087	1090	rVB	418378	481412	5.42%	0.420%
49	13.702	1090	1095	1098	rBV2	5008267	8888747	100.00%	7.759%
50	13.748	1098	1099	1102	rVB2	362584	367186	4.13%	0.321%
51	13.840	1104	1107	1109	rBV2	1886908	2367744	26.64%	2.067%
52	13.874	1109	1110	1113	rVB	319417	394594	4.44%	0.344%
53	13.954	1113	1117	1121	rBV3	382566	1019011	11.46%	0.889%
54	14.080	1121	1128	1130	rBV	871939	1470460	16.54%	1.284%
55	14.160	1132	1135	1136	rBV	468213	528132	5.94%	0.461%
56	14.205	1136	1139	1141	rBV2	462543	642115	7.22%	0.560%
57	14.320	1147	1149	1150	rBV	272367	268306	3.02%	0.234%
58	14.354	1150	1152	1154	rVV2	302258	392602	4.42%	0.343%
59	14.445	1158	1160	1162	rVB3	126908	175283	1.97%	0.153%
60	14.537	1164	1168	1169	rBV3	82001	188995	2.13%	0.165%
61	14.697	1177	1182	1185	rBV	689561	952557	10.72%	0.831%
62	14.845	1191	1195	1196	rBV2	535369	898141	10.10%	0.784%
63	14.880	1196	1198	1199	rVV	580323	619337	6.97%	0.541%
64	14.914	1199	1201	1203	rVV2	678651	1158736	13.04%	1.011%
65	14.960	1203	1205	1210	rVB2	728544	926909	10.43%	0.809%
66	15.063	1210	1214	1217	rBV	150953	379309	4.27%	0.331%
67	15.154	1219	1222	1224	rVV2	4100813	5819424	65.47%	5.080%
68	15.200	1224	1226	1231	rVB	3117218	3795656	42.70%	3.313%
69	15.303	1234	1235	1238	rVV	339495	531078	5.97%	0.464%
70	15.406	1241	1244	1246	rVB	319527	430194	4.84%	0.376%
71	15.451	1246	1248	1251	rBV	544765	650428	7.32%	0.568%

LSC Area Percent Report

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Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.623	1262	1263	1265	rBV	129627	211414	2.38%	0.185%
73	15.680	1265	1268	1270	rVV	486932	762970	8.58%	0.666%
74	15.726	1270	1272	1274	rVV	313004	405146	4.56%	0.354%
75	15.771	1274	1276	1278	rVV2	216915	441874	4.97%	0.386%
76	15.851	1281	1283	1284	rVV	319693	408410	4.59%	0.356%
77	15.874	1284	1285	1288	rVV2	238437	344879	3.88%	0.301%
78	15.943	1288	1291	1296	rVB3	174634	356310	4.01%	0.311%
79	16.091	1301	1304	1306	rBV2	150055	309082	3.48%	0.270%
80	16.206	1311	1314	1316	rBV2	151651	225535	2.54%	0.197%
81	16.331	1322	1325	1326	rBV3	128112	247281	2.78%	0.216%
82	16.583	1343	1347	1349	rBV	2202229	5014256	56.41%	4.377%
83	16.720	1357	1359	1362	rVB	434680	610023	6.86%	0.532%
84	16.846	1367	1370	1371	rBV2	134140	240296	2.70%	0.210%
85	16.994	1380	1383	1387	rVB	1308569	2209712	24.86%	1.929%
86	17.086	1387	1391	1395	rBV	1978204	3124584	35.15%	2.727%
87	17.166	1395	1398	1400	rVV	550737	961907	10.82%	0.840%
88	17.211	1400	1402	1406	rVB	663402	1083445	12.19%	0.946%
89	17.829	1454	1456	1459	rBV2	102561	191045	2.15%	0.167%
90	18.789	1538	1540	1548	rVB4	152972	357680	4.02%	0.312%
91	19.212	1572	1577	1582	rVB2	777708	2071010	23.30%	1.808%
92	19.452	1595	1598	1601	rVB	129270	257778	2.90%	0.225%
93	19.532	1602	1605	1608	rBV2	120905	264796	2.98%	0.231%
94	19.829	1626	1631	1638	rVB	556981	1593483	17.93%	1.391%
95	20.149	1655	1659	1662	rBV	140173	362890	4.08%	0.317%

Sum of corrected areas: 114562001

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
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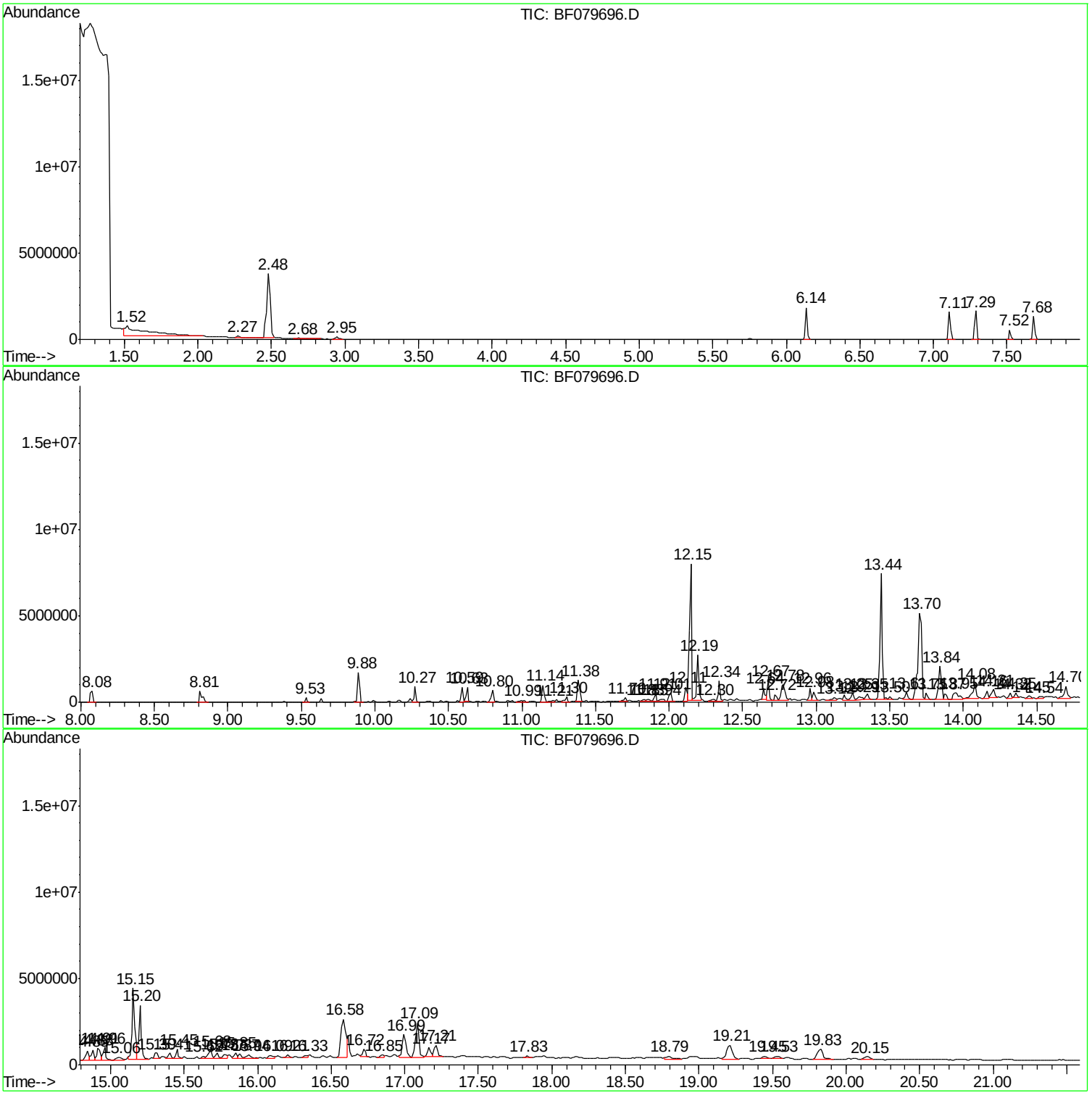
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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\BF060315\
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Acq On : 4 Jun 2015 9:18
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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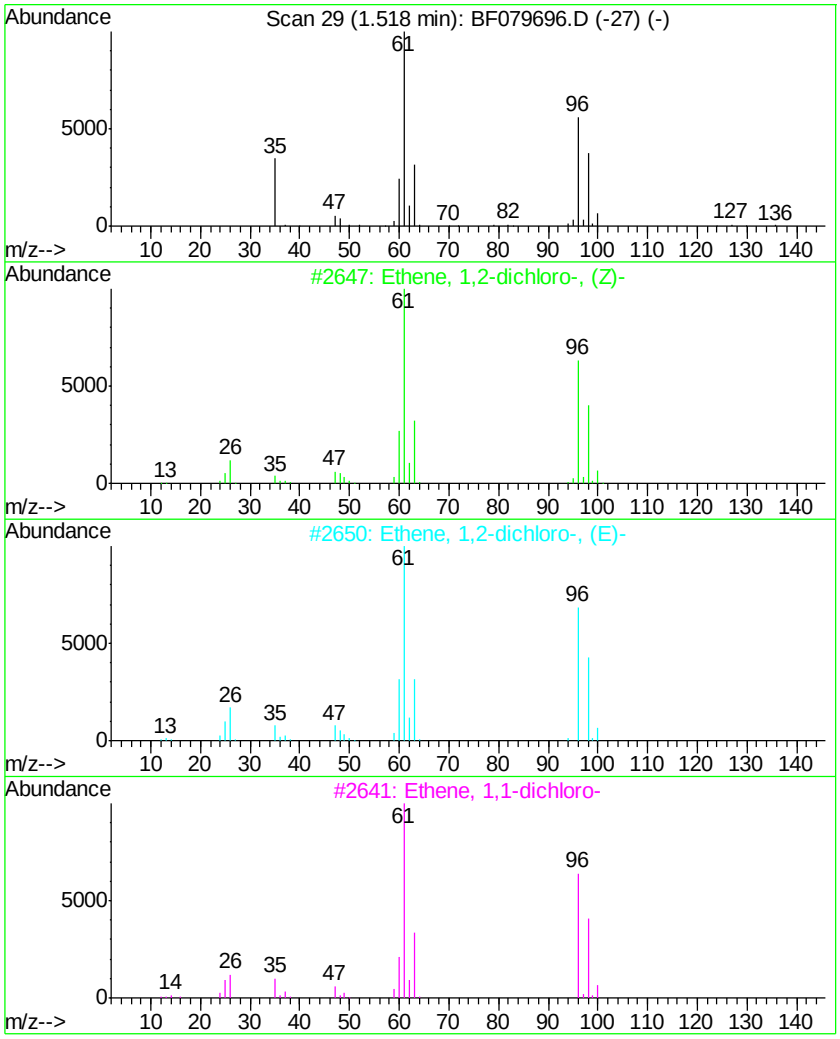
TIC Integration Parameters: LSCINT.P

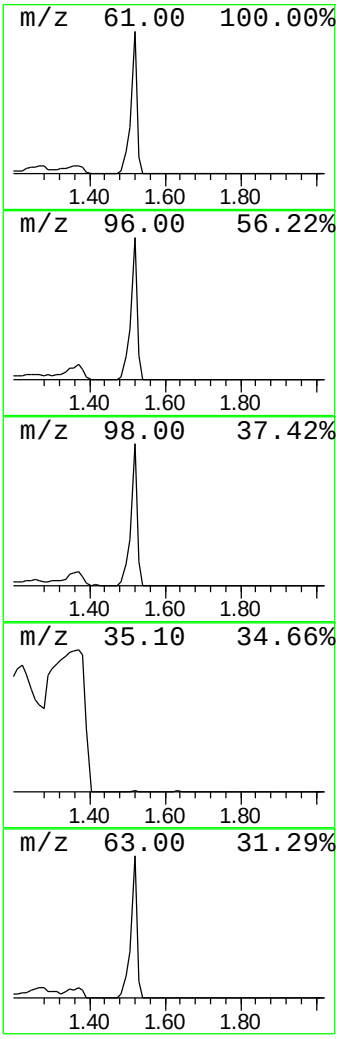
****

Peak Number 1 Ethene, 1,2-dichloro-, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	251.01 ng	5998780	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	95
2	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	94
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	76
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	70
5	Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

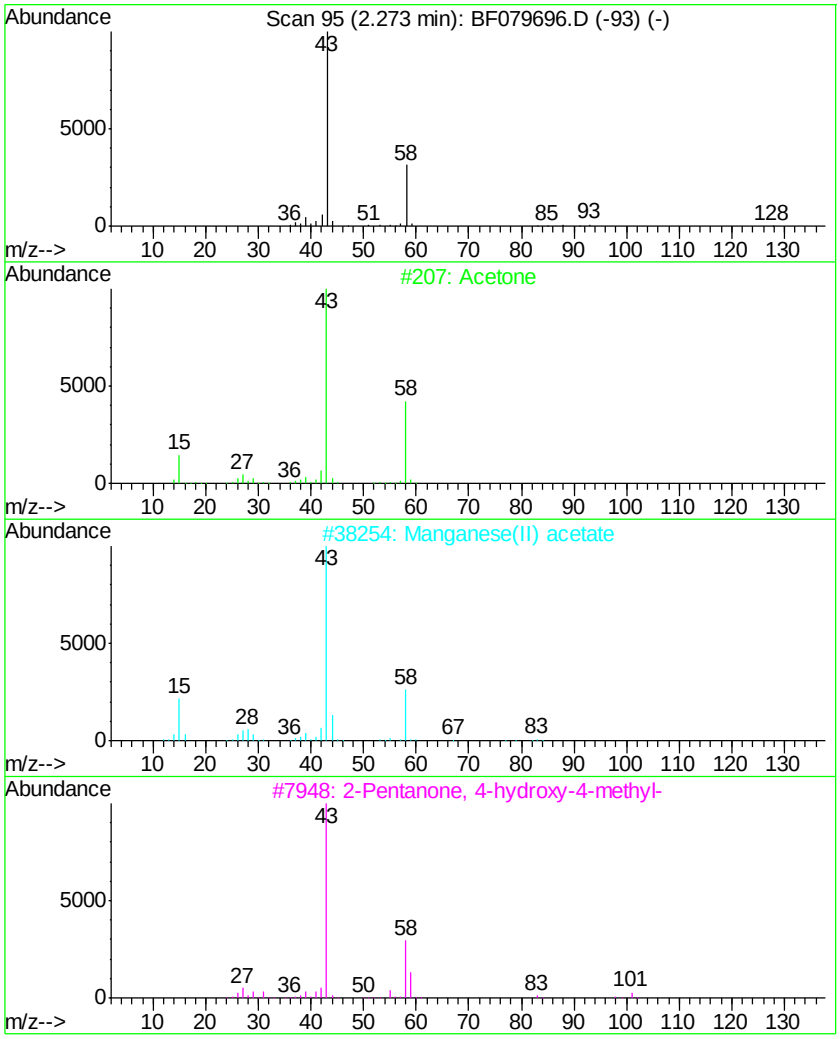
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

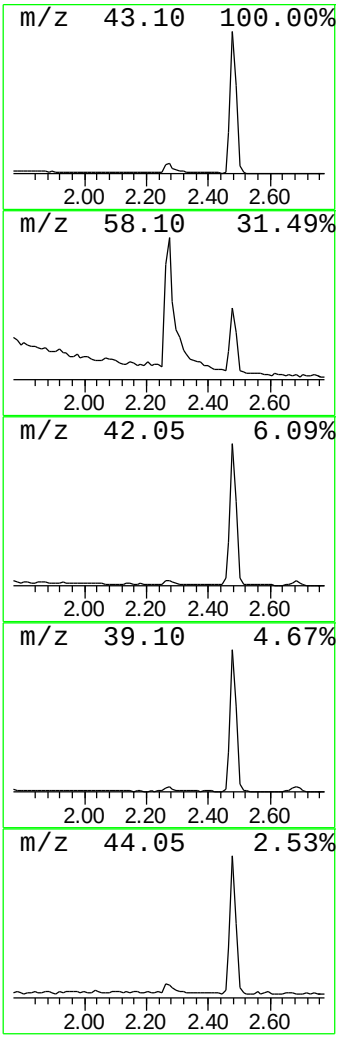
****

Peak Number 2 Acetone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	13.87 ng	331417	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetone	58	C3H6O	000067-64-1	72
2	Manganese(II) acetate	173	C4H6MnO4	006156-78-1	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	7
5	Propylene oxide	58	C3H6O	000075-56-9	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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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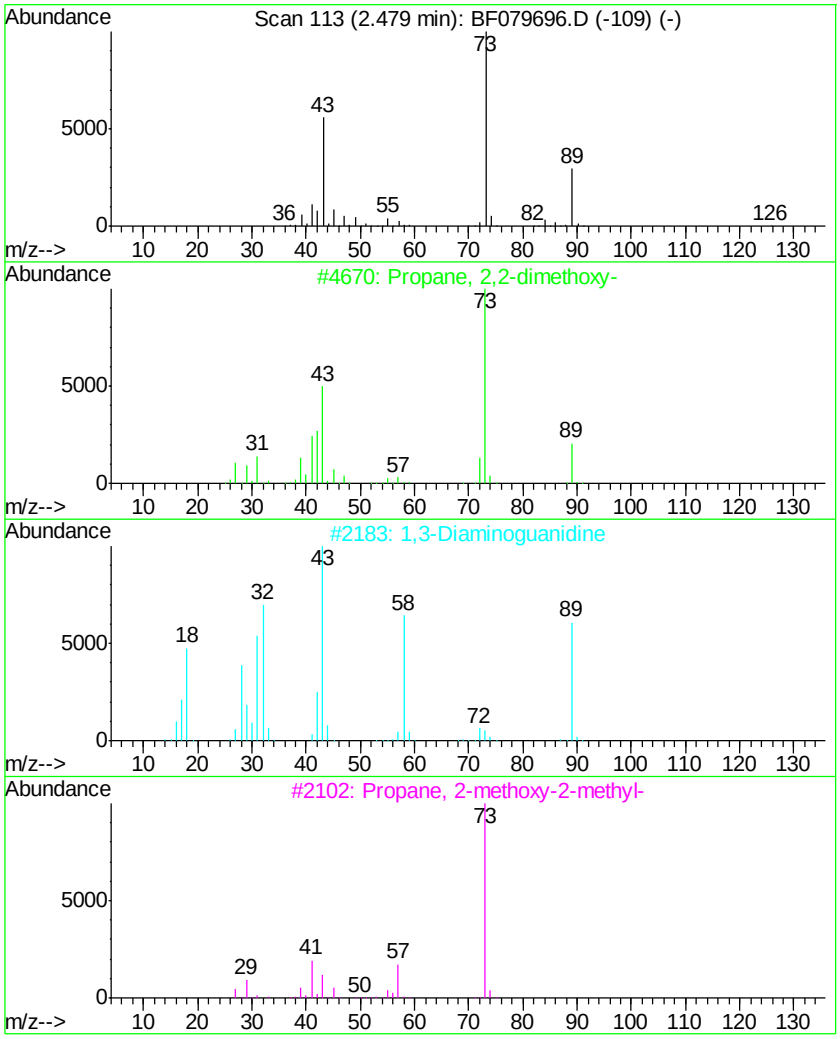
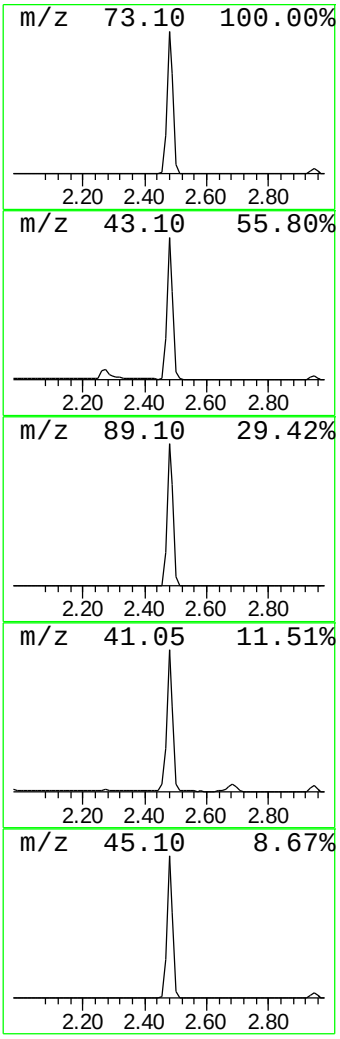
Peak Number 3 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	249.95 ng	5973500	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	53
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Oxirane-2-carboxylic acid, ethyl...	116	C5H8O3	1000192-50-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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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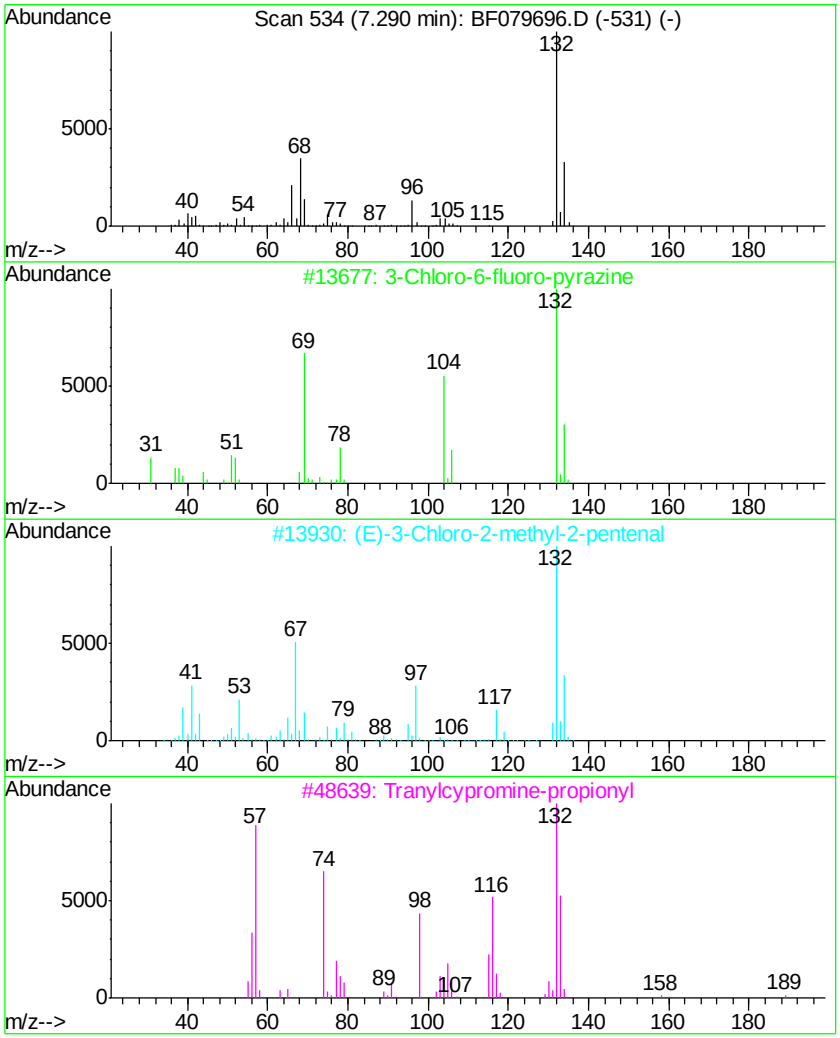
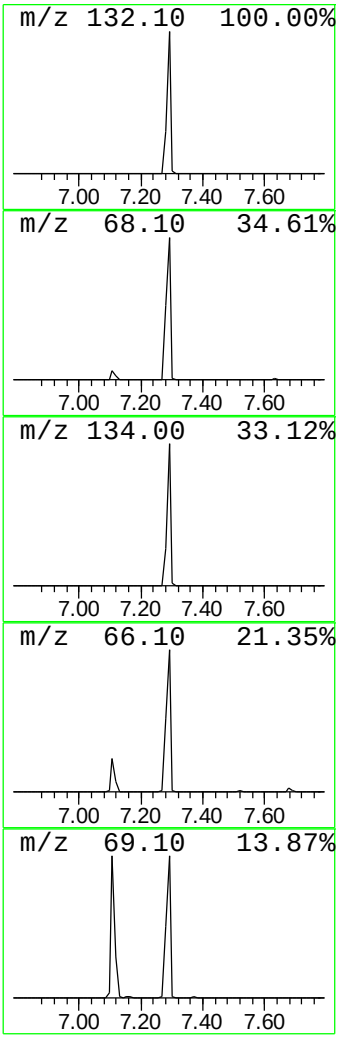
Peak Number 4 3-Chloro-6-fluoro-pyrazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	67.87 ng	1622090	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

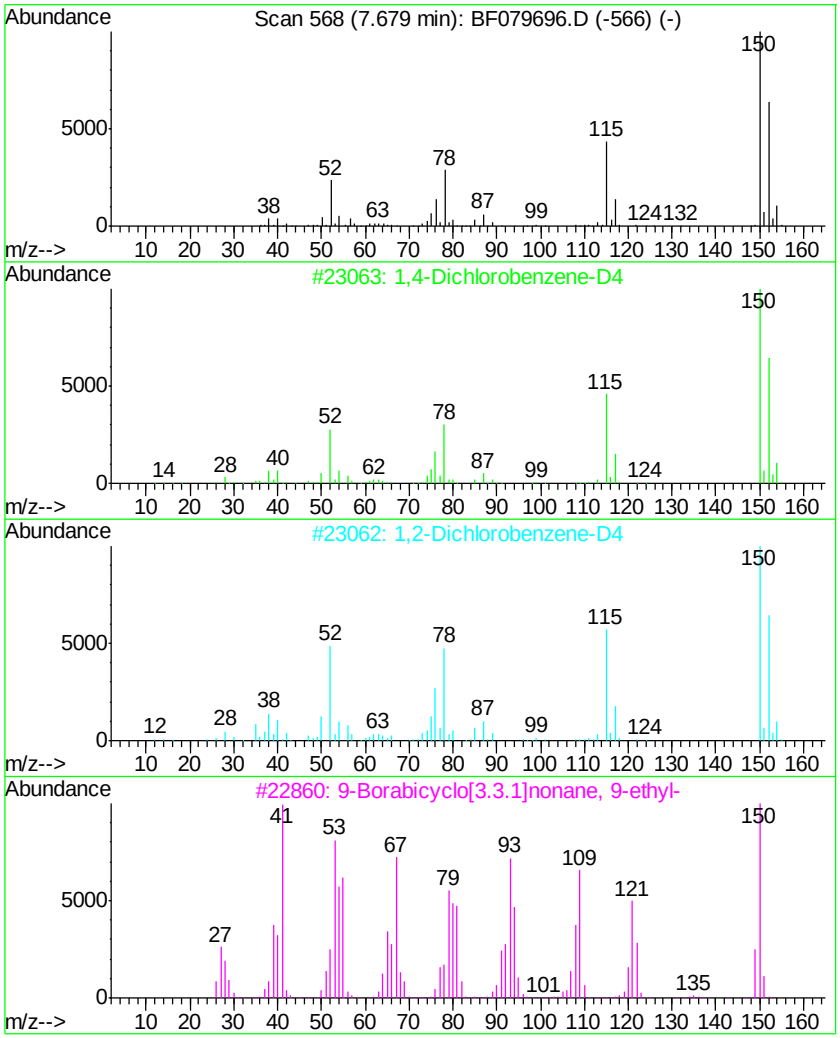
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

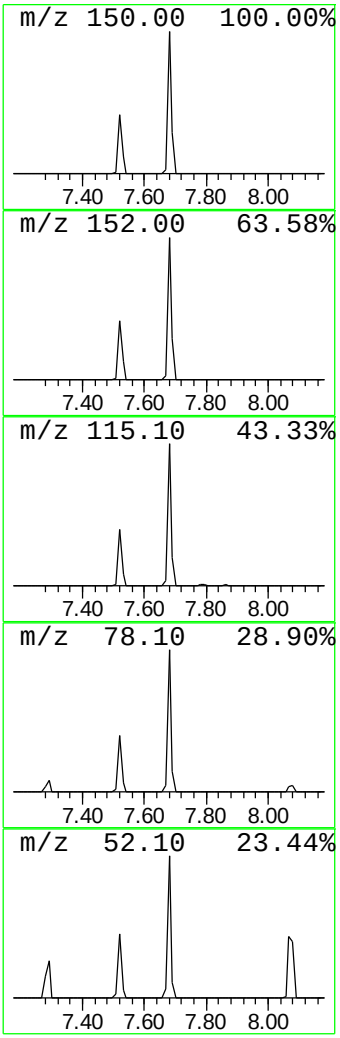
****

Peak Number 5 1,4-Dichlorobenzene-D4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	48.02 ng	1147610	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	95
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
3	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
4	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	38
5	2-Cyclohexene-1,4-dione, 5,6-dic...	398	C17H16Cl2N2O5	324051-66-3	14





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

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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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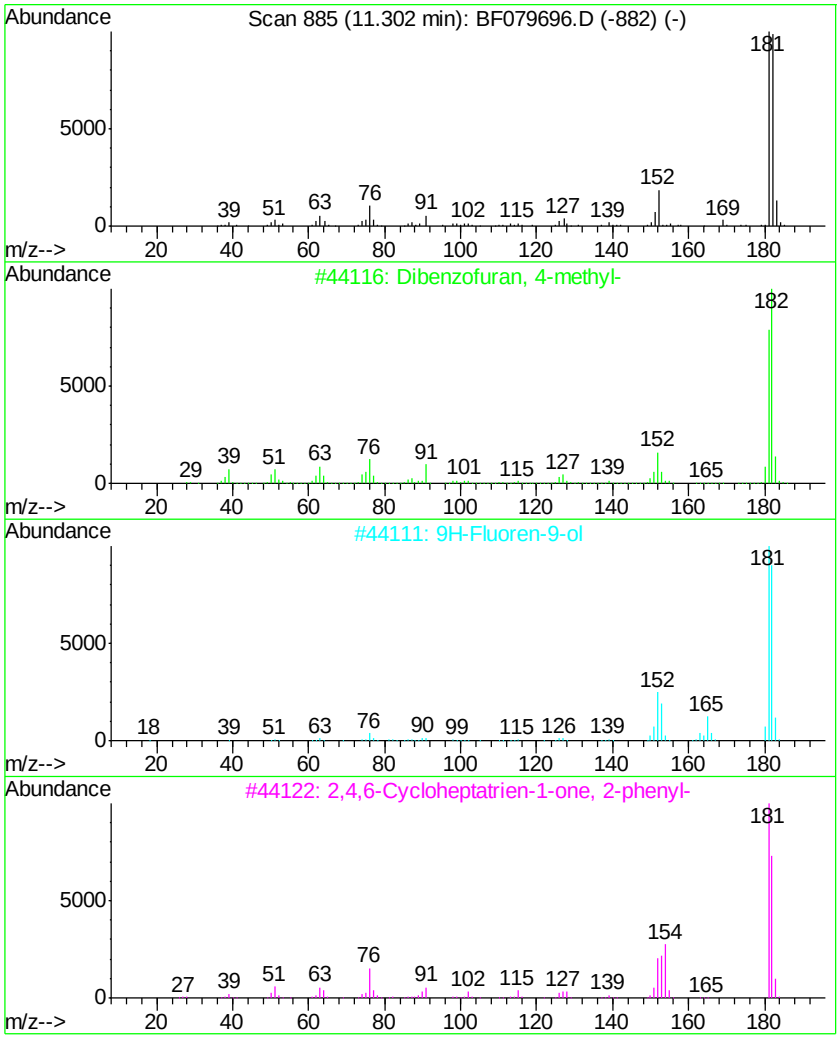
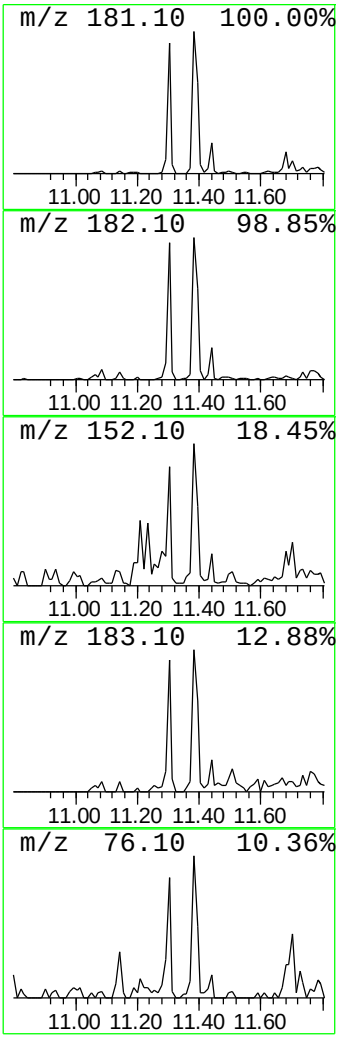
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	8.62 ng	319672	Acenaphthene-d10	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60





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ClientSampleId : TS16.4(3)

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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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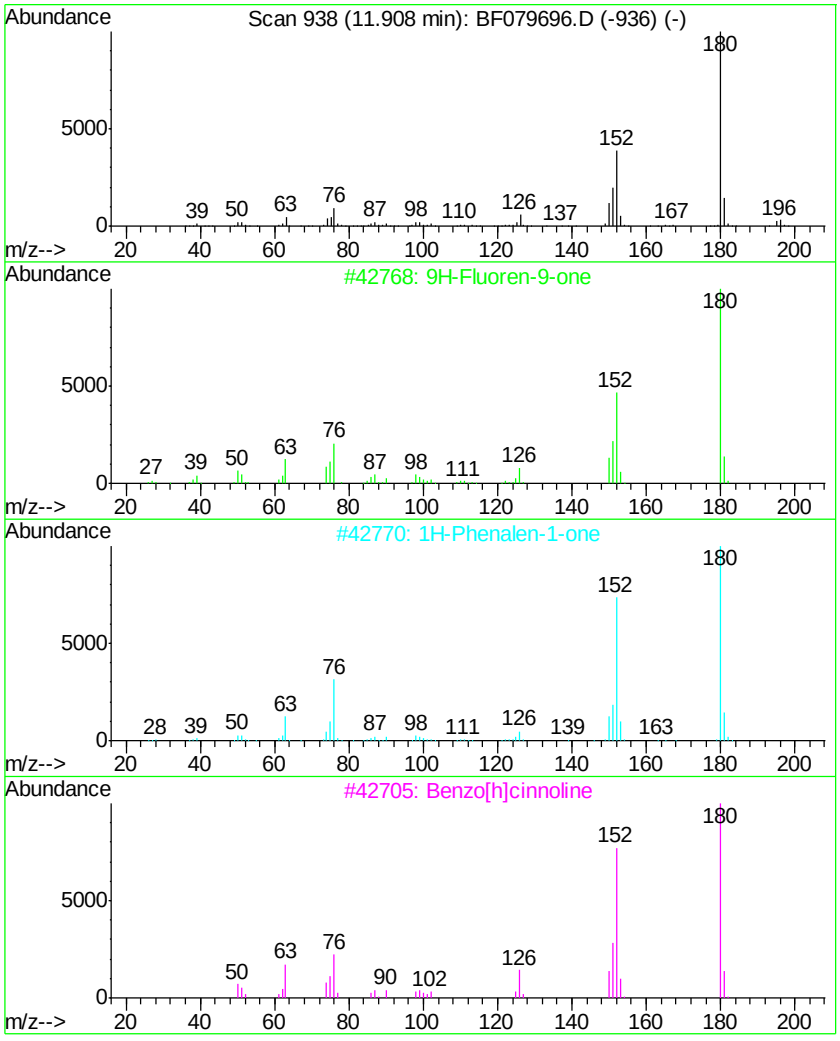
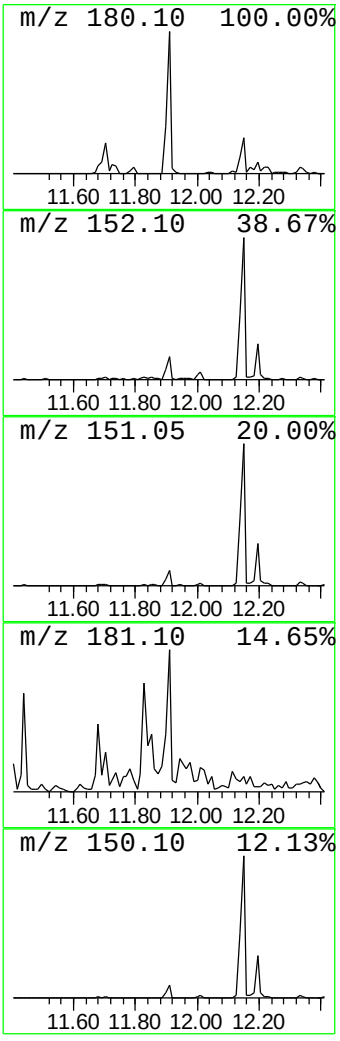
Peak Number 7 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	10.14 ng	475945	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	Phenazine	180	C12H8N2	000092-82-0	47
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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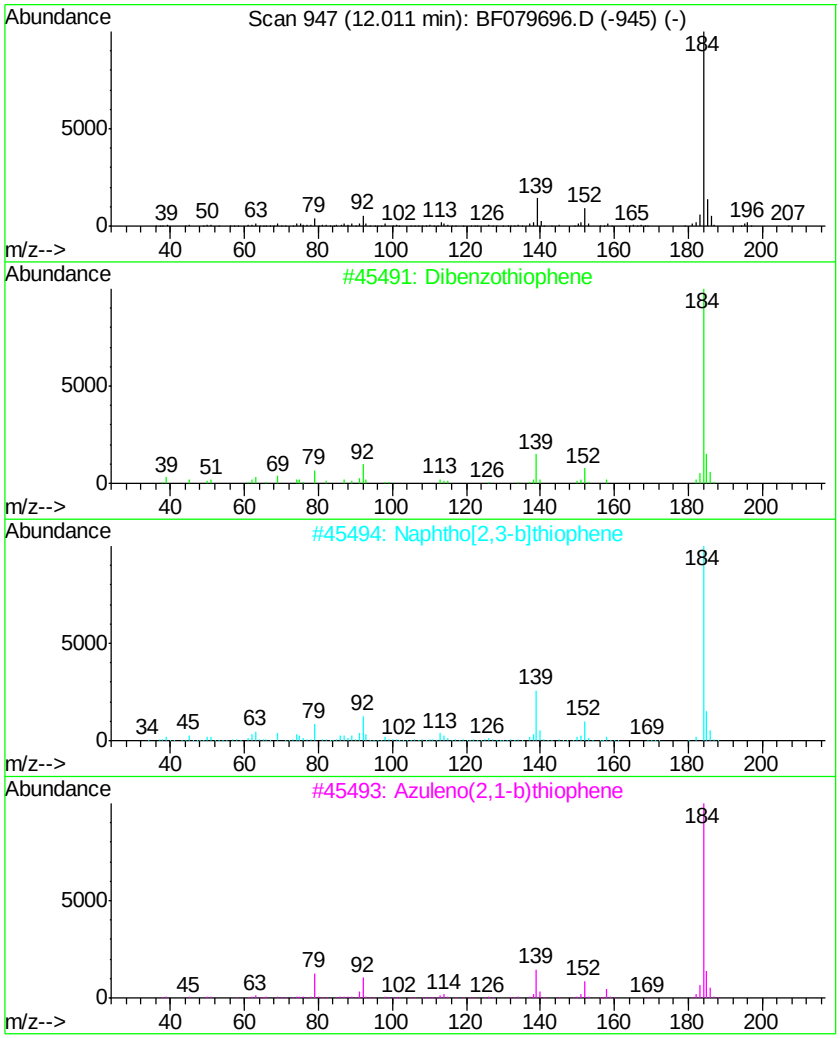
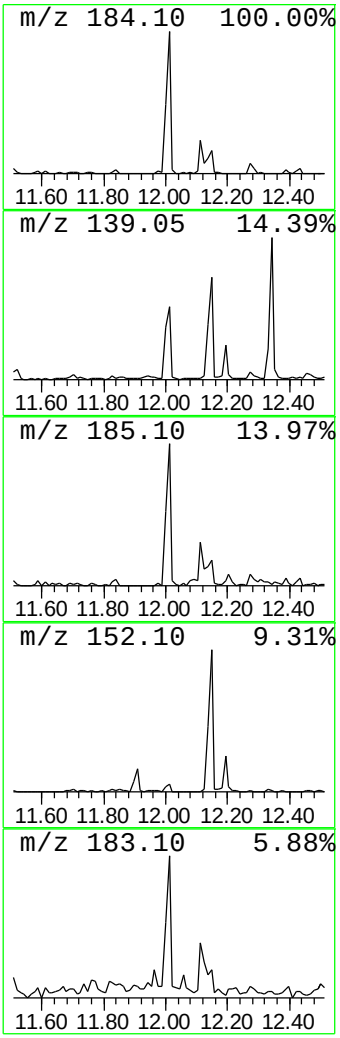
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	11.86 ng	556727	Phenanthrene-d10	12.11

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	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5	1,1'-Biphenyl, 3-methoxy-	184	C13H12O	002113-56-6	50





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

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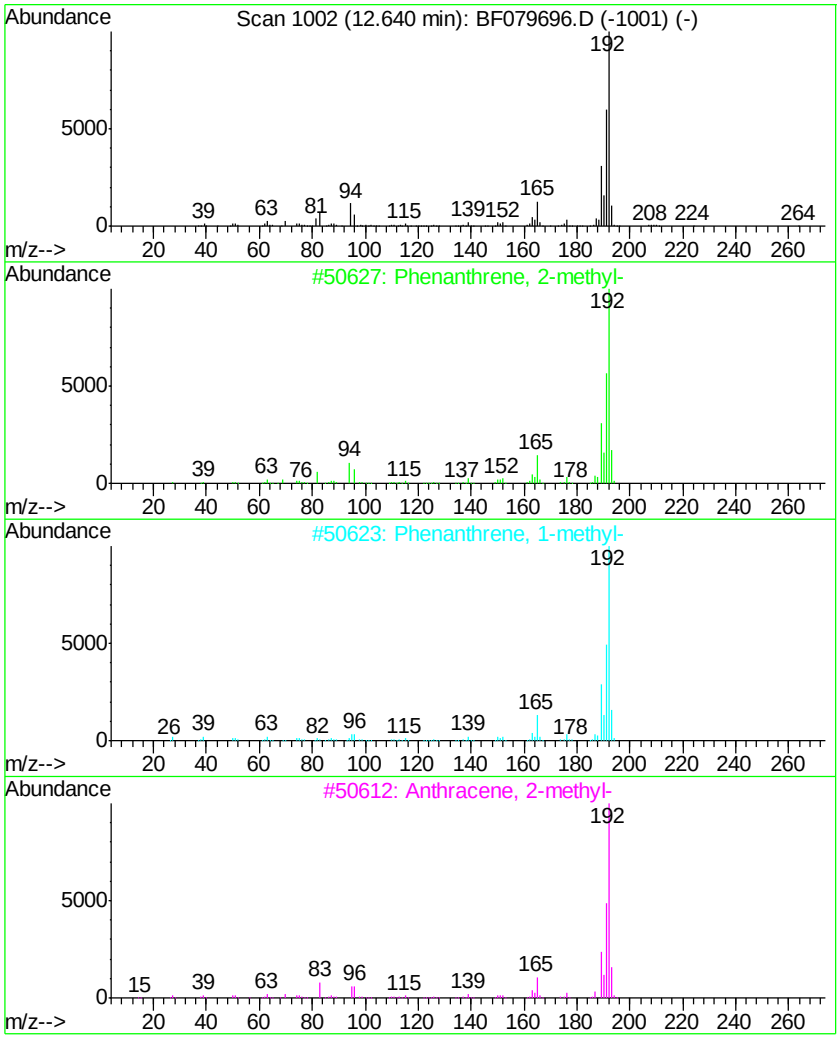
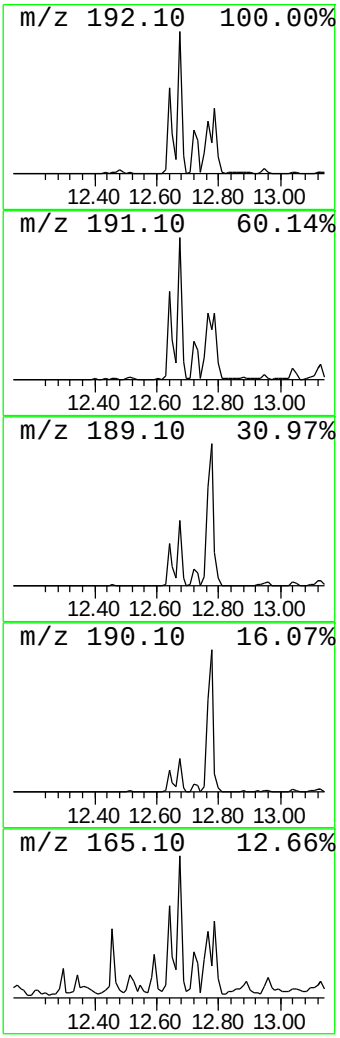
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	16.13 ng	757078	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81





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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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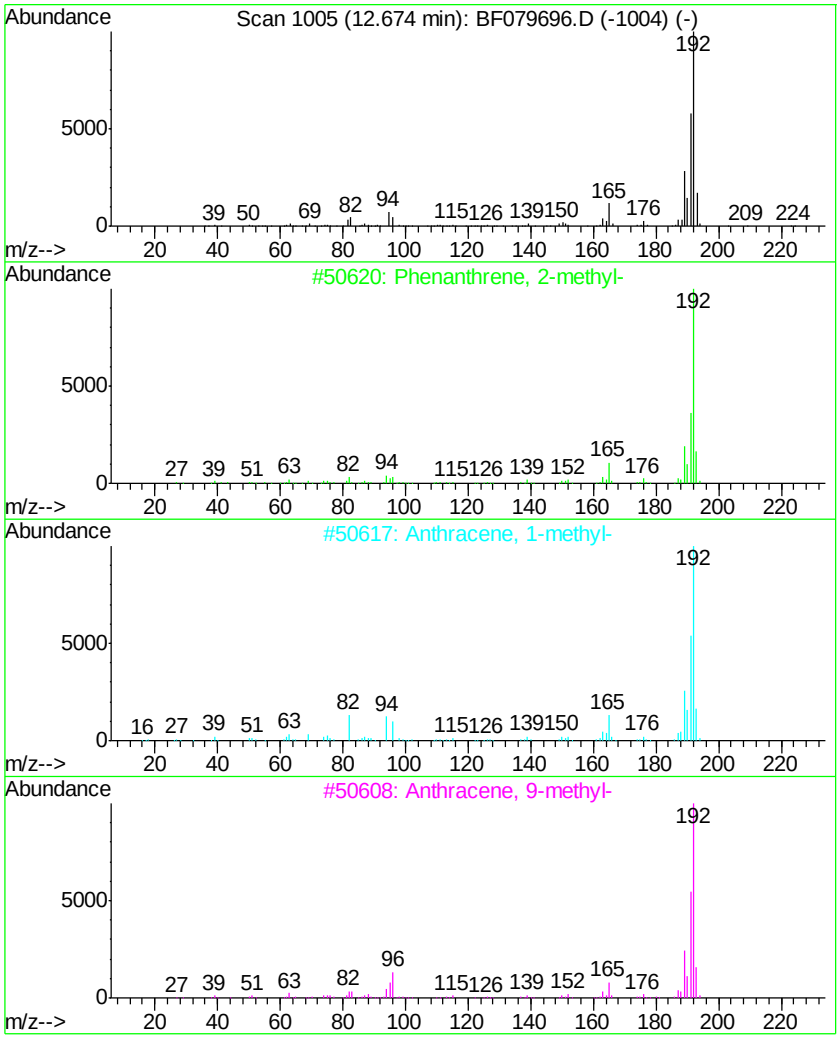
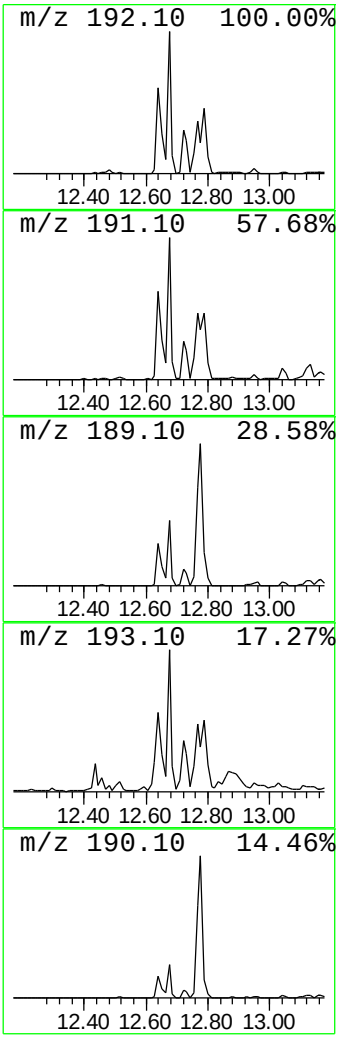
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	18.26 ng	857007	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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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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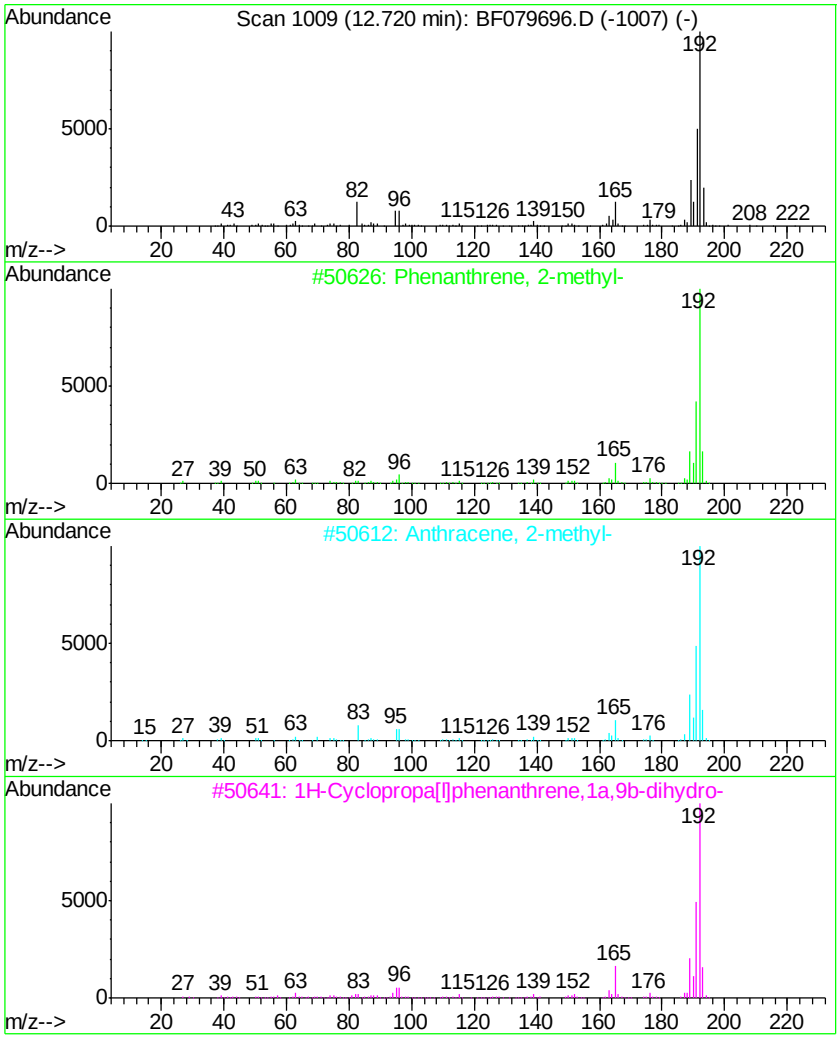
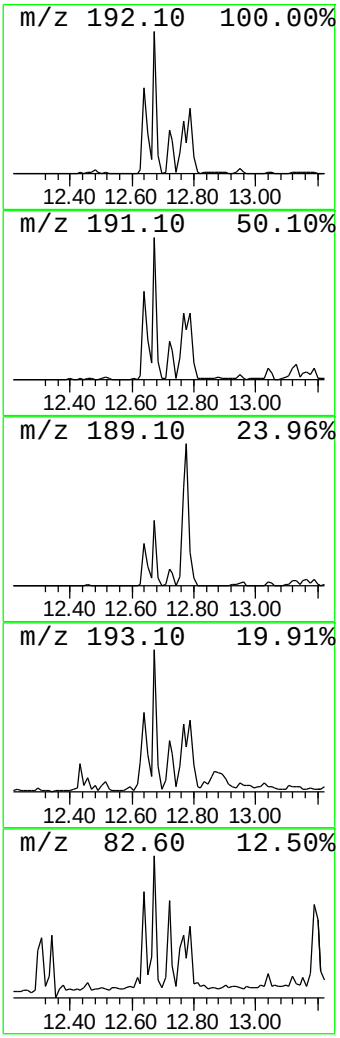
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	8.92 ng	418839	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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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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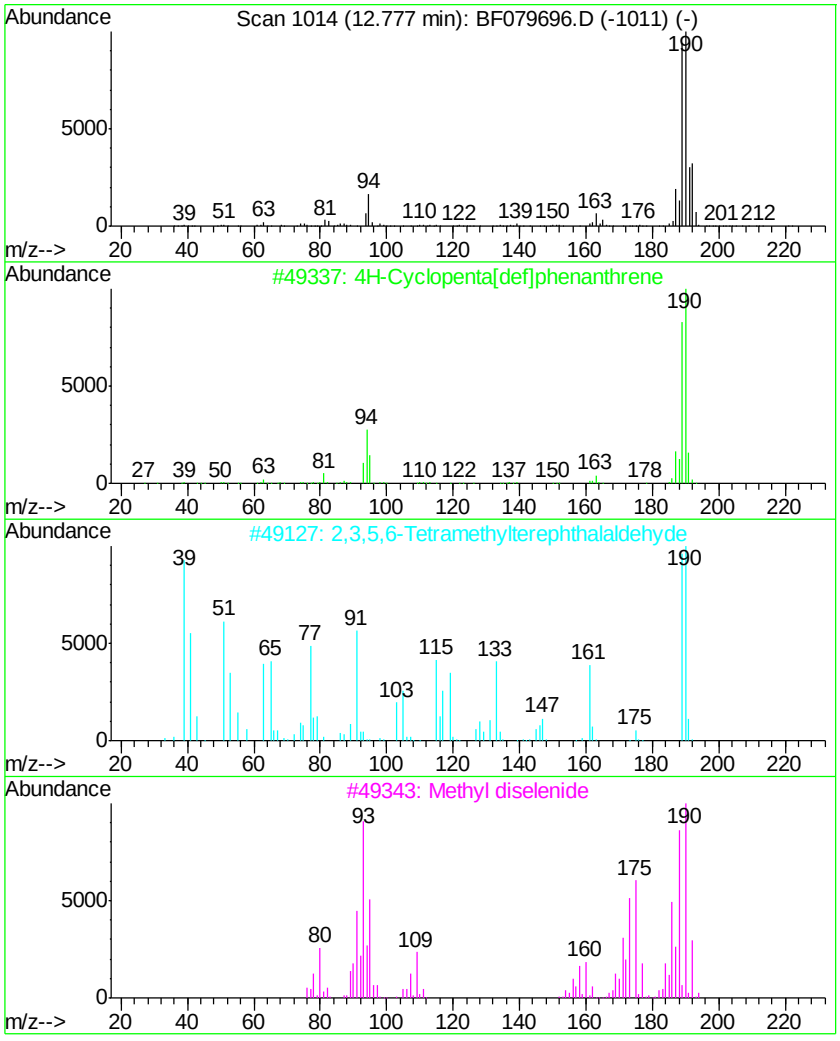
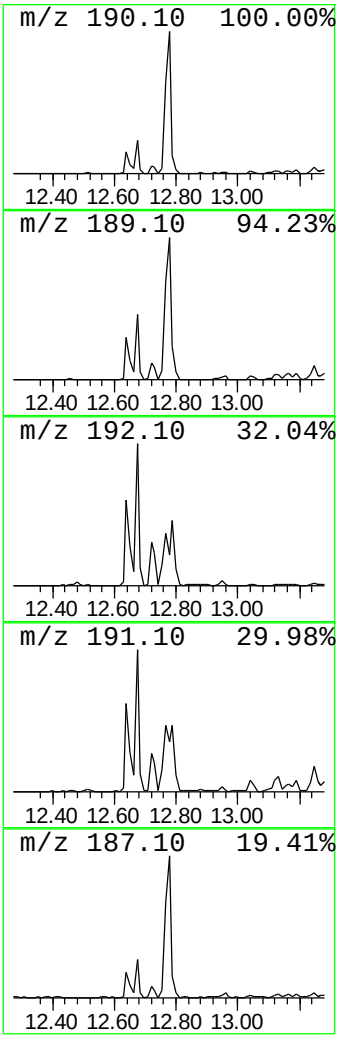
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	40.38 ng	1895200	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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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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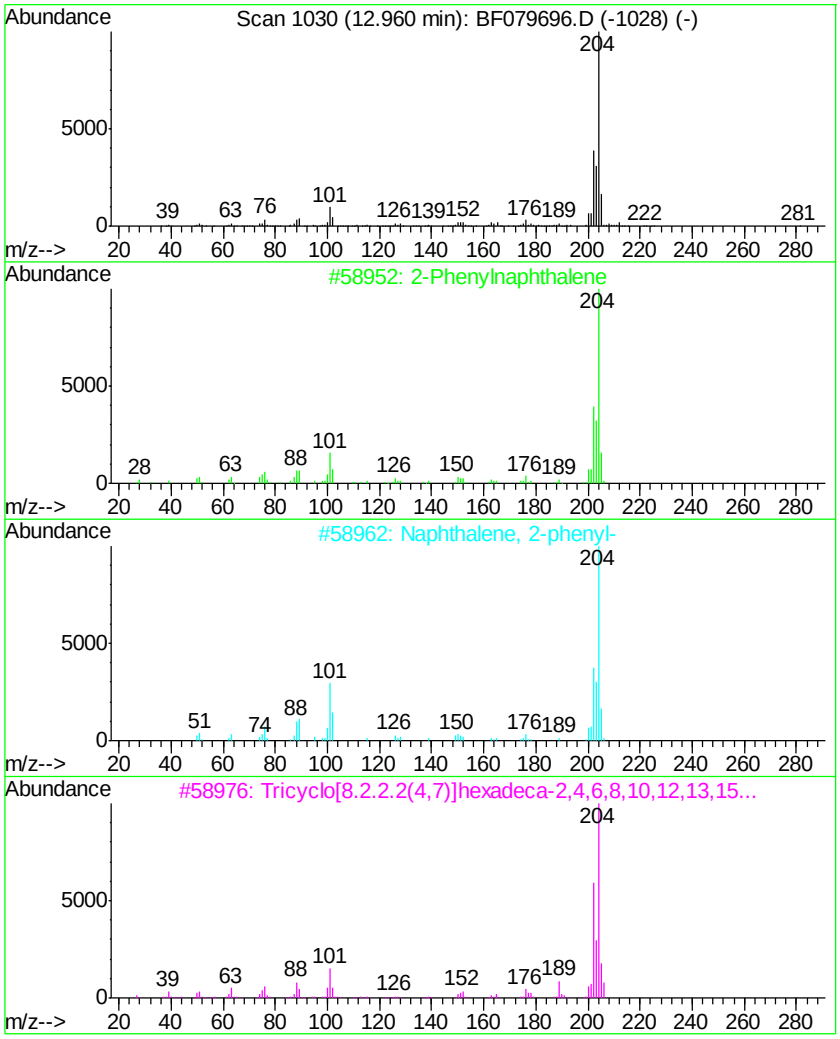
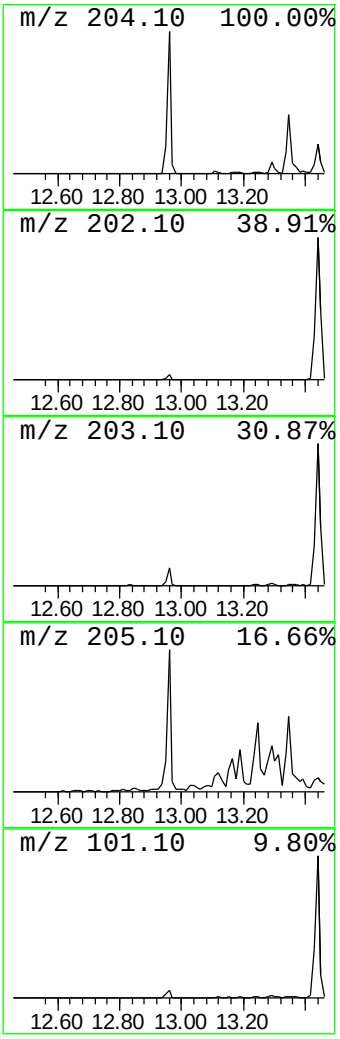
Peak Number 13 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	14.12 ng	662897	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Imidazo[2,1-b]thiazole, 2,3,5,6-...	204	C11H12N2S	014769-73-4	49
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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TIC Library : C:\DATABASE\NIST02.L
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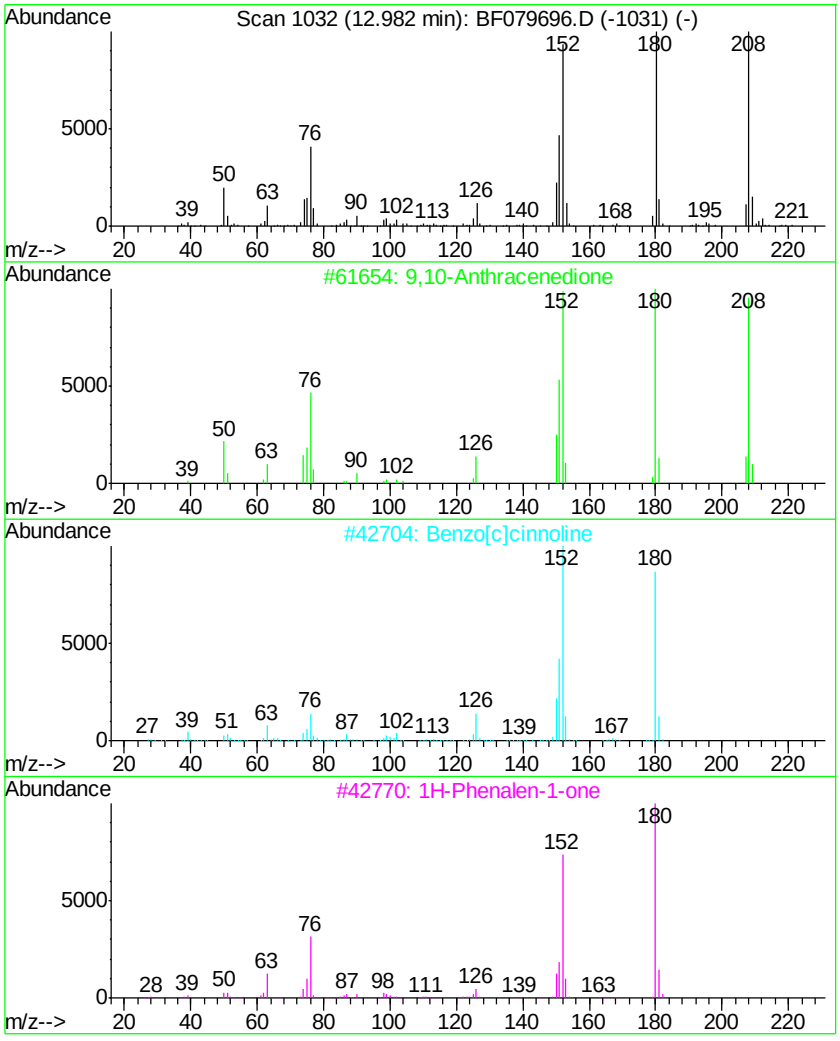
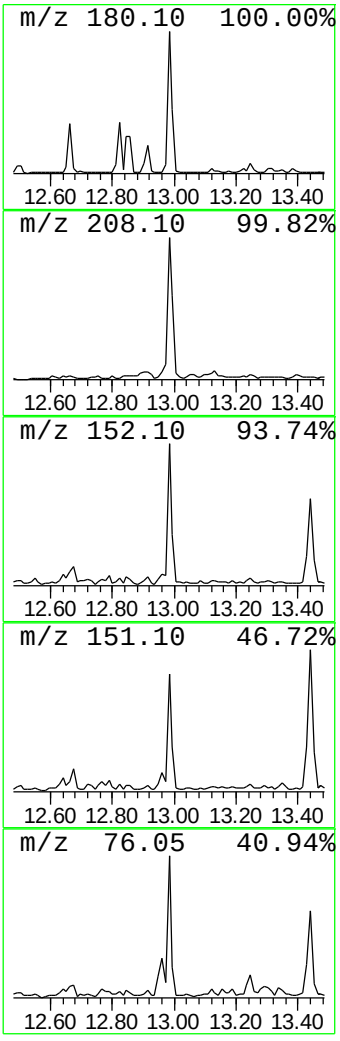
Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	9.98 ng	468362	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





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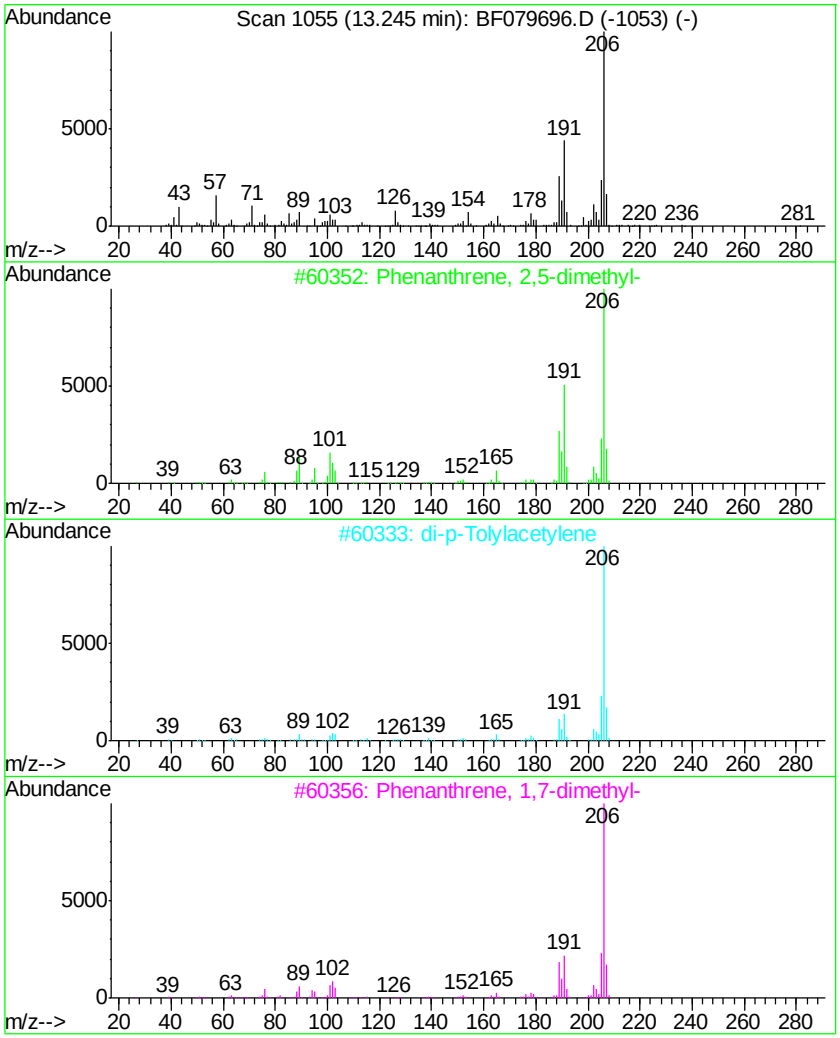
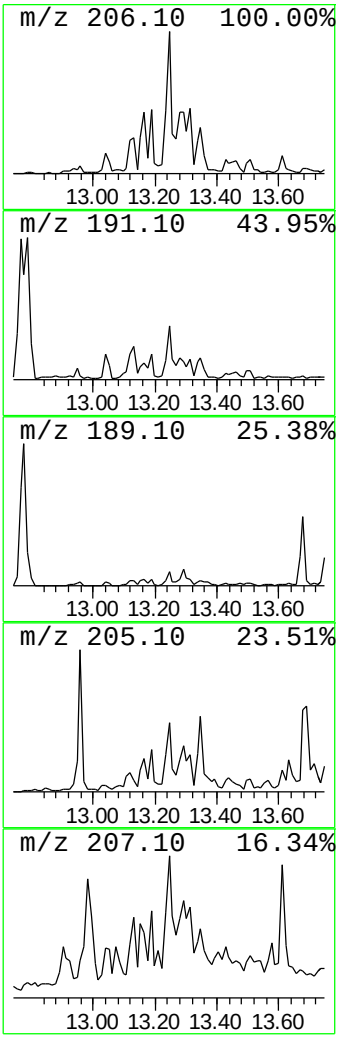
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	9.98 ng	468275	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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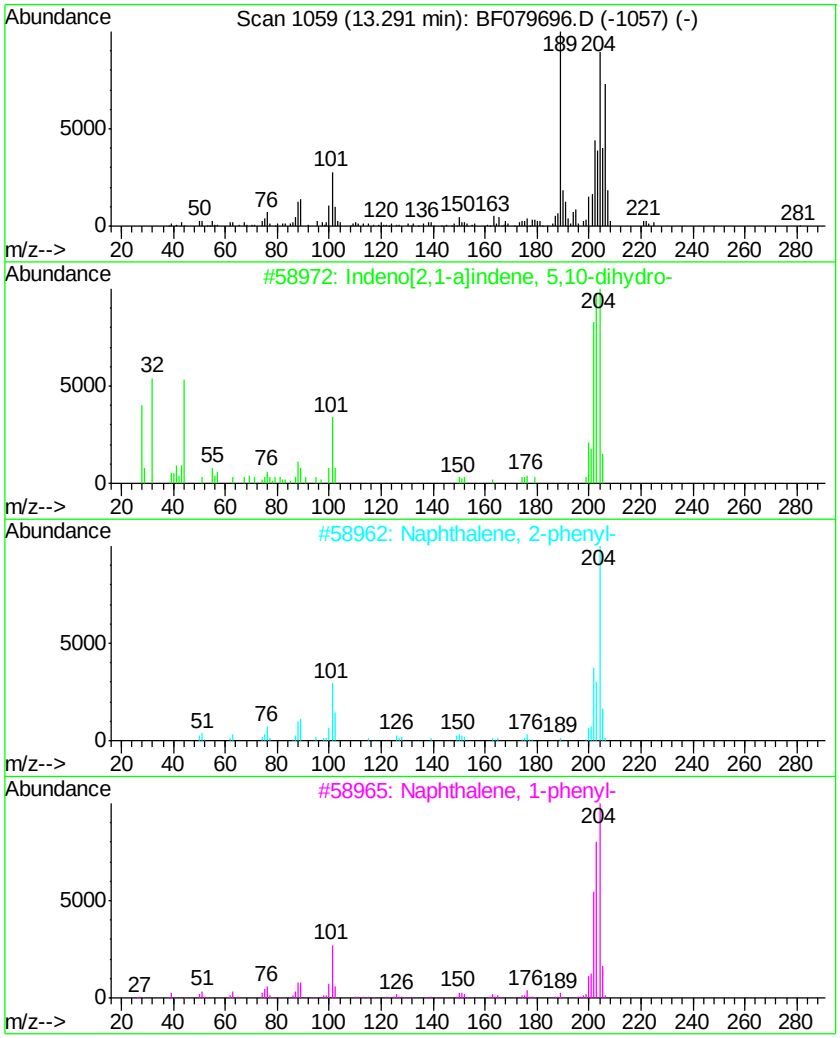
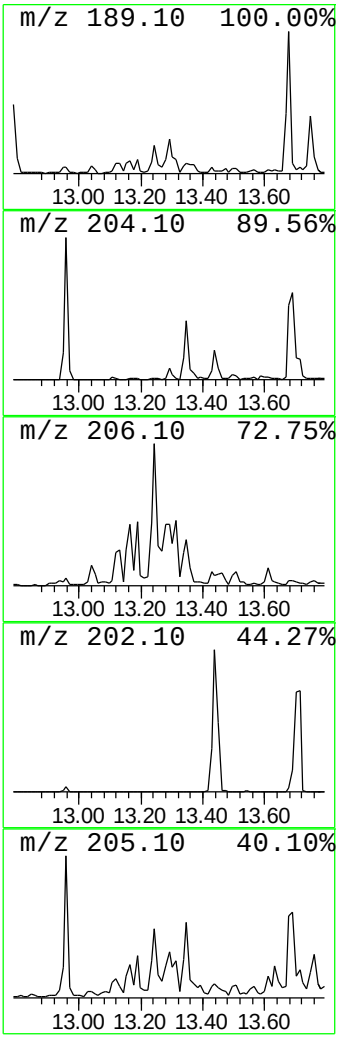
Peak Number 16 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	8.37 ng	392893	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	47
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	30
5	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	25





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Instrument : BNA_F
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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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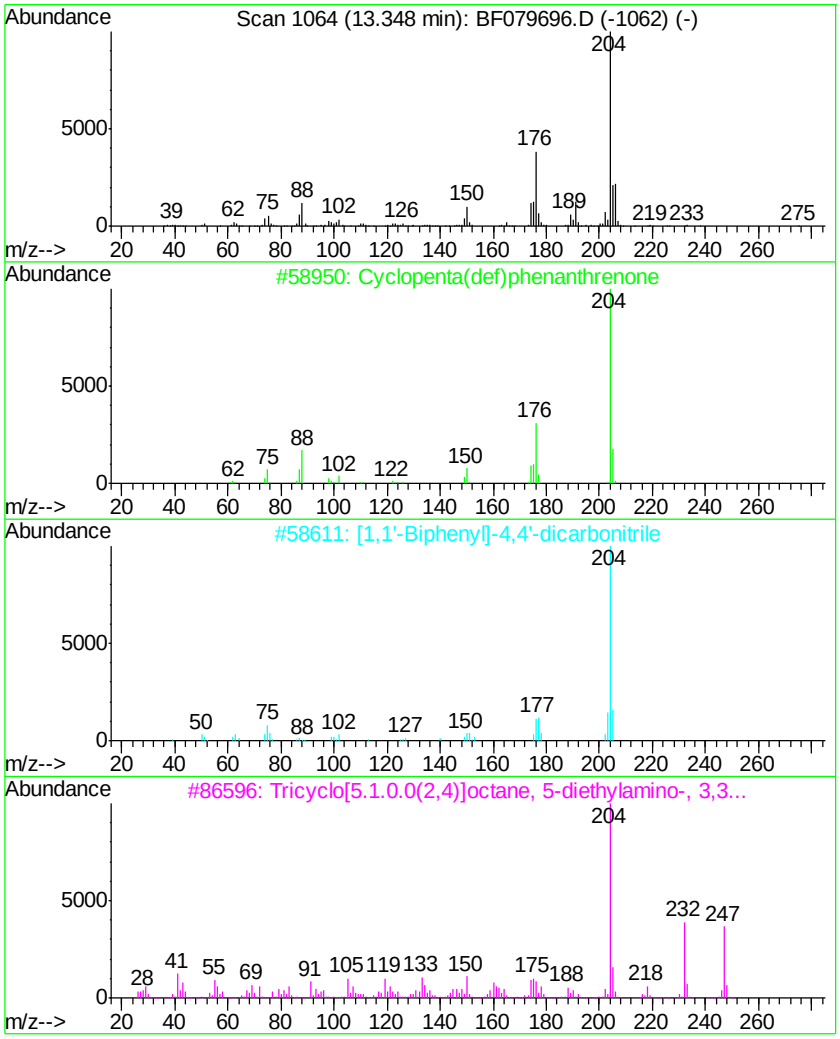
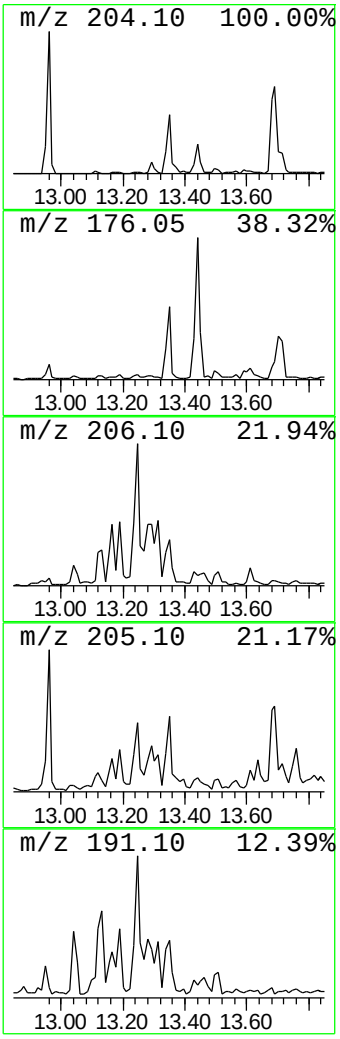
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.32 ng	484148	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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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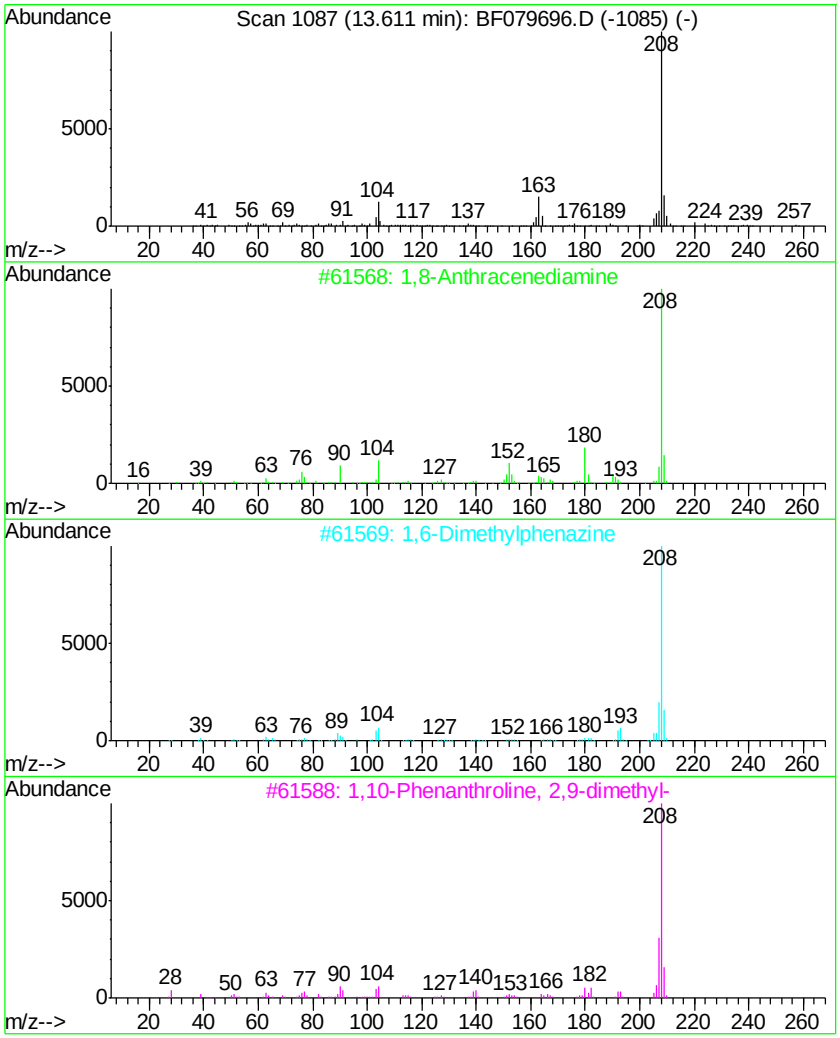
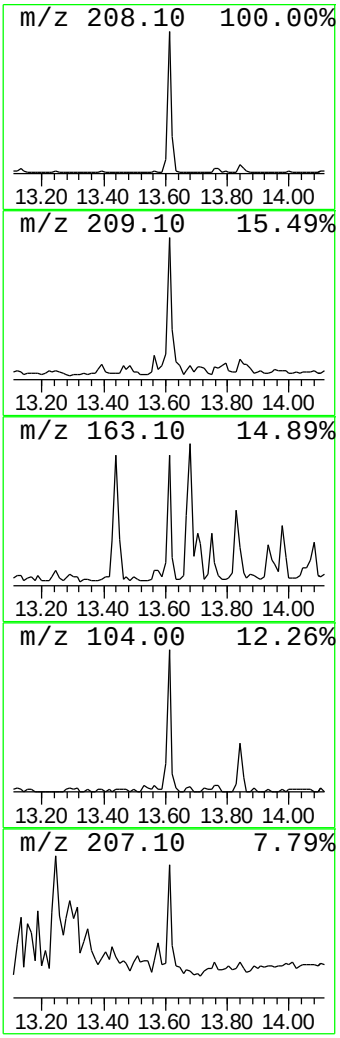
Peak Number 18 1,8-Anthracenediamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	10.26 ng	481412	Phenanthrene-d10	12.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
2	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	72
3	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	64
4	4,7-Dimethyl-1,10-phenanthroline	208	C14H12N2	003248-05-3	50
5	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	50





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Sample : G2429-10
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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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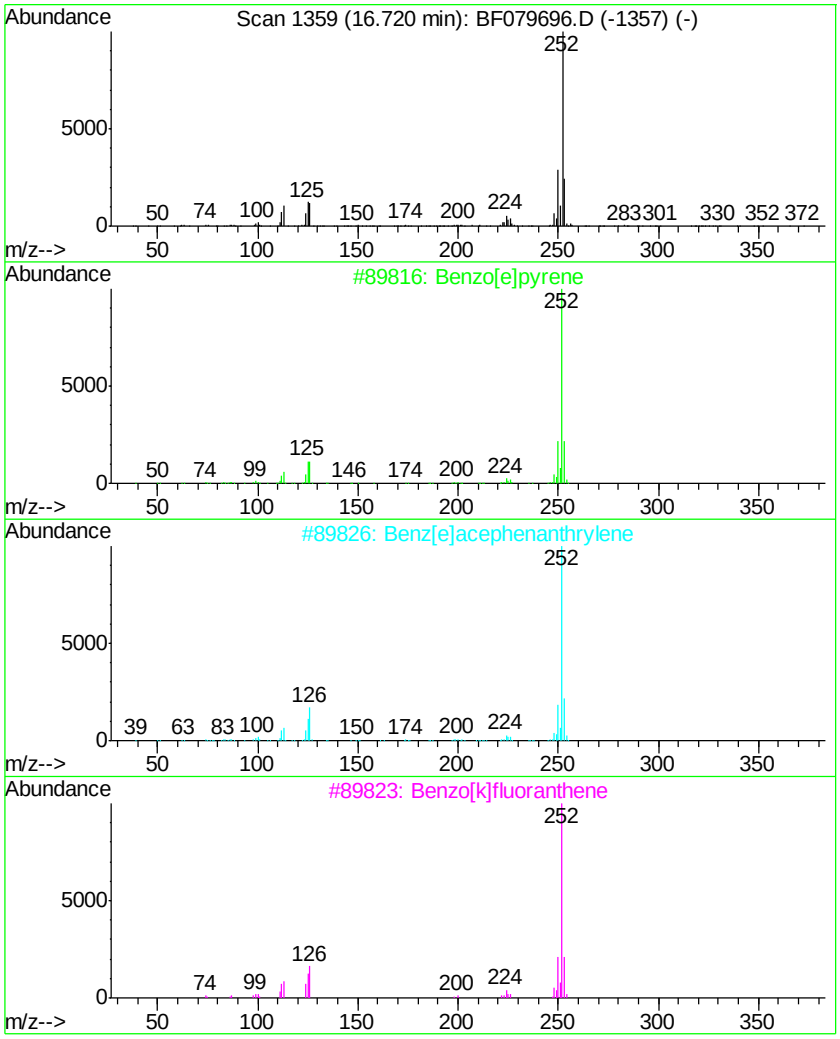
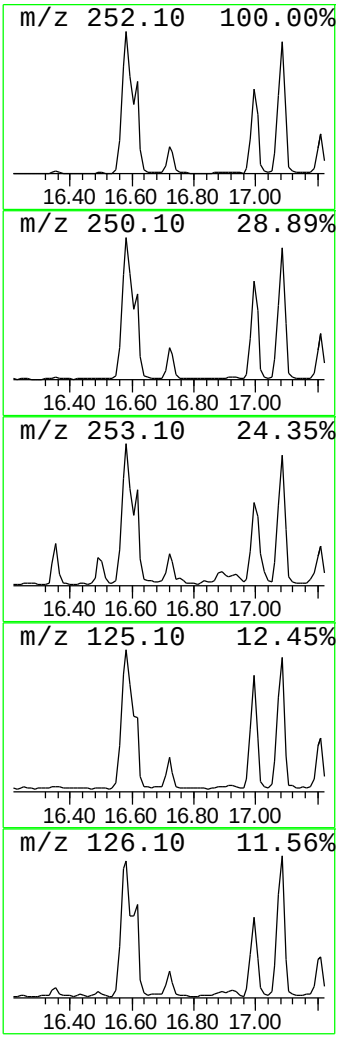
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	12.68 ng	610023	Perylene-d12	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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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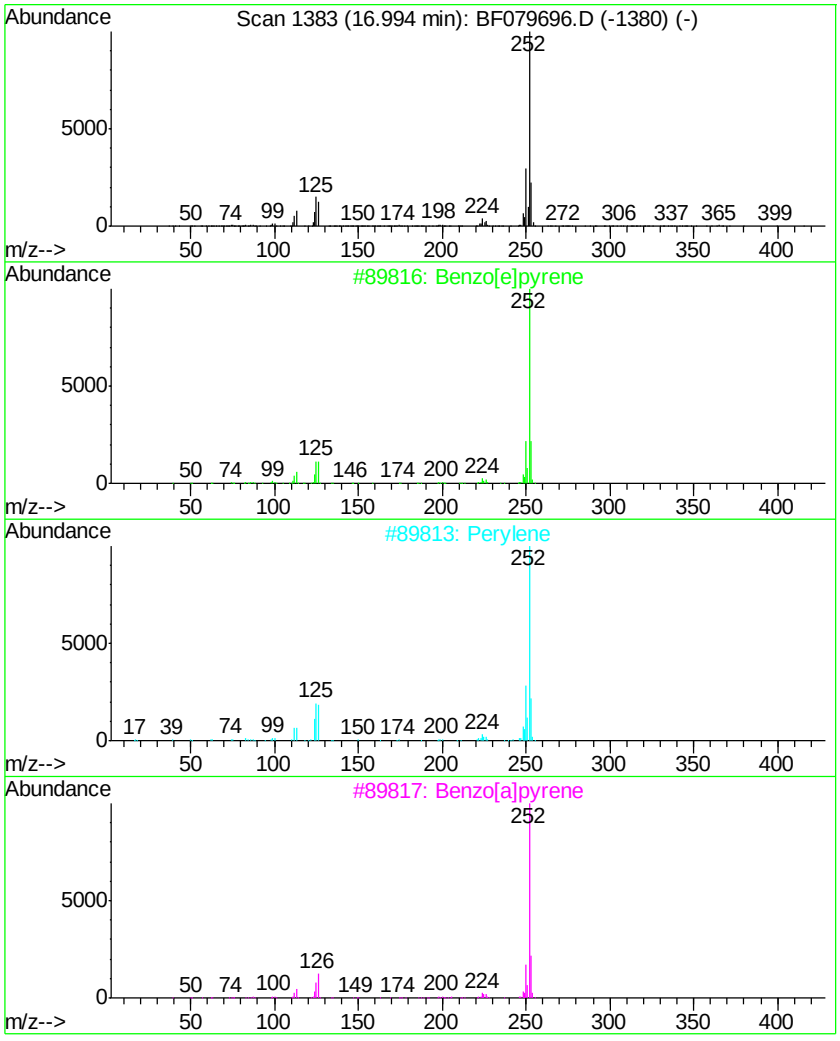
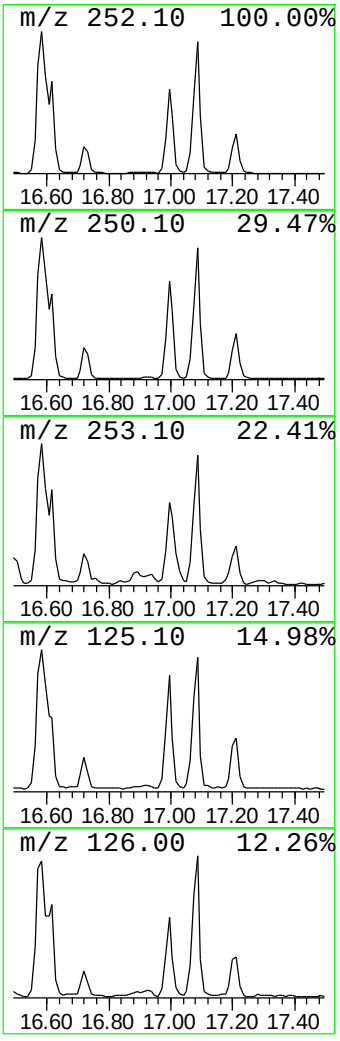
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	45.94 ng	2209710	Perylene-d12	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060315\
Data File : BF079696.D
Acq On : 4 Jun 2015 9:18
Operator : TP/IZ
Sample : G2429-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS16.4(3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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
Ethene, 1,2-dichl...	1.52	251.0	ng	5998780	1	7.52	477975	20.0
Acetone	2.27	13.9	ng	331417	1	7.52	477975	20.0
Propane, 2,2-dime...	2.48	249.9	ng	5973500	1	7.52	477975	20.0
3-Chloro-6-fluoro...	7.29	67.9	ng	1622090	1	7.52	477975	20.0
1,4-Dichlorobenze...	7.68	48.0	ng	1147610	1	7.52	477975	20.0
Dibenzofuran, 4-m...	11.30	8.6	ng	319672	3	10.59	741311	20.0
9H-Fluoren-9-one	11.91	10.1	ng	475945	4	12.11	938719	20.0
Dibenzothiophene	12.01	11.9	ng	556727	4	12.11	938719	20.0
Phenanthrene, 2-m...	12.64	16.1	ng	757078	4	12.11	938719	20.0
Phenanthrene, 2-m...	12.67	18.3	ng	857007	4	12.11	938719	20.0
Phenanthrene, 2-m...	12.72	8.9	ng	418839	4	12.11	938719	20.0
4H-Cyclopenta[def...	12.78	40.4	ng	1895200	4	12.11	938719	20.0
2-Phenylnaphthalene	12.96	14.1	ng	662897	4	12.11	938719	20.0
9,10-Anthracenedione	12.98	10.0	ng	468362	4	12.11	938719	20.0
Phenanthrene, 2,5...	13.25	10.0	ng	468275	4	12.11	938719	20.0
Indeno[2,1-a]inde...	13.29	8.4	ng	392893	4	12.11	938719	20.0
Cyclopenta(def)ph...	13.35	10.3	ng	484148	4	12.11	938719	20.0
1,8-Anthracenedia...	13.61	10.3	ng	481412	4	12.11	938719	20.0
Benzo[e]pyrene	16.72	12.7	ng	610023	6	17.17	961907	20.0
Benzo[e]pyrene	16.99	45.9	ng	2209710	6	17.17	961907	20.0