LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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-BF052615.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	1.278	5	8	19	rVB	91522	214394	8.02%	0.504%
2	1.438	19	22	25	rVV	186645	279329	10.44%	0.657%
3	1.530	27	30	34	rVB2	26001	47255	1.77%	0.111%
4	1.587	34	35	43	rVV	120231	220164	8.23%	0.518%
5	1.701	43	45	69	rVB	1065329	2096793	78.40%	4.929%
6	4.741	309	311	320	rVB	137741	198126	7.41%	0.466%
7	5.301	358	360	372	rBV	1529281	1849792	69.16%	4.348%
8	6.616	472	475	477	rBV	1952886	1950897	72.94%	4.586%
9	6.730	483	485	488	rBV	1389893	1987617	74.32%	4.672%
10	7.016	508	510	513	rBV	528334	534506	19.99%	1.256%
11	7.199	524	526	529	rBV	1134277	1507869	56.38%	3.545%
12	7.713	569	571	574	rBV	926020	1168207	43.68%	2.746%
13	8.525	639	642	646	rBV	29533	33560	1.25%	0.079%
14	8.593	646	648	653	rVV2	748353	928514	34.72%	2.183%
15	9.485	724	726	728	rBV	74935	71299	2.67%	0.168%
16	9.599	734	736	739	rVB	52352	50244	1.88%	0.118%
17	9.793	751	753	755	rBV	46377	49504	1.85%	0.116%
18	9.942	764	766	769	rBV	2547900	2336887	87.38%	5.493%
19	10.456	807	811	813	rBV	171414	164189	6.14%	0.386%
20	10.593	820	823	825	rBV	70529	85423	3.19%	0.201%
21	10.731	831	835	836	rBV2	17901	37465	1.40%	0.088%
22	10.765	836	838	840	rVV	854274	841749	31.47%	1.979%
23	10.799	840	841	843	rVB	95833	100606	3.76%	0.237%
24	11.016	858	860	862	rBV	94369	106642	3.99%	0.251%
25	11.439	896	897	901	rVB	108911	124446	4.65%	0.293%
26	11.645	913	915	918	rVB2	32970	41510	1.55%	0.098%
27	11.748	921	924	926	rBV	1491127	1634117	61.10%	3.841%
28	11.942	940	941	945	rBV	26609	42142	1.58%	0.099%
29	12.125	953	957	959	rBV2	21494	36853	1.38%	0.087%
30	12.365	976	978	982	rVB	103226	112289	4.20%	0.264%
31	12.468	986	987	989	rVV	63022	64177	2.40%	0.151%
32	12.502	989	990	992	rVV	31598	31096	1.16%	0.073%
33	12.605	996	999	1000	rBV	710801	974730	36.44%	2.291%
34	12.628	1000	1001	1003	rVV	1341619	1218288	45.55%	2.864%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.696	1003	1007	1009	rVV	306235	356982	13.35%	0.839%
36	12.742	1009	1011	1014	rVB	33239	45613	1.71%	0.107%
37	12.868	1021	1022	1024	rBV	23577	32992	1.23%	0.078%
38	12.914	1024	1026	1027	rVV	103534	147200	5.50%	0.346%
39	12.982	1031	1032	1034	rVV2	21395	32398	1.21%	0.076%
40	13.039	1034	1037	1040	rVV3	39974	70593	2.64%	0.166%
41	13.234	1051	1054	1055	rBV	107624	138334	5.17%	0.325%
42	13.268	1055	1057	1060	rVB	138500	185731	6.94%	0.437%
43	13.359	1063	1065	1067	rVV	251873	321427	12.02%	0.756%
44	13.394	1067	1068	1072	rVB	92964	80455	3.01%	0.189%
45	13.599	1085	1086	1088	rBV	65318	105213	3.93%	0.247%
46	13.634	1088	1089	1093	rVB	107988	98298	3.68%	0.231%
47	13.782	1101	1102	1104	rBV	24949	31379	1.17%	0.074%
48	13.919	1111	1114	1115	rBV	59490	99151	3.71%	0.233%
49	13.954	1115	1117	1119	rVV2	48647	86167	3.22%	0.203%
50	14.011	1121	1122	1126	rVB3	80296	116549	4.36%	0.274%
51	14.102	1128	1130	1132	rBV	1543015	1632453	61.04%	3.838%
52	14.182	1135	1137	1139	rBV2	48961	56411	2.11%	0.133%
53	14.217	1139	1140	1143	rVB2	36389	48312	1.81%	0.114%
54	14.285	1143	1146	1148	rBV	89844	115659	4.32%	0.272%
55	14.377	1151	1154	1157	rBV	1200524	1648900	61.65%	3.876%
56	14.434	1157	1159	1166	rVB3	89297	197468	7.38%	0.464%
57	14.548	1166	1169	1170	rBV	75767	103124	3.86%	0.242%
58	14.594	1170	1173	1176	rBV	2346740	2674528	100.00%	6.287%
59	14.674	1176	1180	1182	rVB2	70902	138472	5.18%	0.326%
60	14.777	1185	1189	1190	rBV2	83626	175406	6.56%	0.412%
61	14.800	1190	1191	1193	rVB	150886	144004	5.38%	0.339%
62	14.880	1196	1198	1200	rBV	66717	79406	2.97%	0.187%
63	14.925	1200	1202	1207	rVB2	154770	246767	9.23%	0.580%
64	15.040	1210	1212	1214	rBV	71306	76459	2.86%	0.180%
65	15.074	1214	1215	1218	rBV2	64360	108098	4.04%	0.254%
66	15.314	1231	1236	1240	rBV4	84494	234445	8.77%	0.551%
67	15.405	1243	1244	1245	rVV	33194	37519	1.40%	0.088%
68	15.428	1245	1246	1250	rVB	111691	171887	6.43%	0.404%
69	15.565	1255	1258	1260	rVV	151272	184533	6.90%	0.434%
70	15.600	1260	1261	1265	rVV2	121008	265099	9.91%	0.623%
71	15.657	1265	1266	1268	rVV2	68893	68931	2.58%	0.162%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.702	1268	1270	1272	rVB	131700	182329	6.82%	0.429%
73	15.771	1273	1276	1280	rBV3	277602	424632	15.88%	0.998%
74	15.874	1282	1285	1287	rVV2	1209604	2151492	80.44%	5.058%
75	15.908	1287	1288	1290	rVV	687680	754647	28.22%	1.774%
76	15.943	1290	1291	1293	rVB2	64491	67449	2.52%	0.159%
77	16.000	1294	1296	1298	rBV	103839	141534	5.29%	0.333%
78	16.068	1298	1302	1303	rBV4	39139	83535	3.12%	0.196%
79	16.137	1306	1308	1310	rVB	90942	104359	3.90%	0.245%
80	16.183	1310	1312	1314	rBV	112946	146499	5.48%	0.344%
81	16.285	1319	1321	1322	rBV2	25009	32250	1.21%	0.076%
82	16.320	1322	1324	1326	rVV2	50136	82555	3.09%	0.194%
83	16.377	1326	1329	1331	rVV	141614	242806	9.08%	0.571%
84	16.411	1331	1332	1335	rVV	78450	125272	4.68%	0.294%
85	16.491	1337	1339	1340	rVV	81722	114747	4.29%	0.270%
86	16.525	1340	1342	1345	rVV3	85917	218826	8.18%	0.514%
87	16.571	1345	1346	1350	rVV2	82248	178029	6.66%	0.419%
88	16.628	1350	1351	1354	rVB	45470	67821	2.54%	0.159%
89	16.777	1361	1364	1366	rBV3	42367	99734	3.73%	0.234%
90	16.857	1370	1371	1373	rBV2	30939	39168	1.46%	0.092%
91	16.903	1373	1375	1377	rBV2	34001	45276	1.69%	0.106%
92	16.960	1378	1380	1383	rBV2	67677	158137	5.91%	0.372%
93	17.154	1394	1397	1402	rBV	743506	1656417	61.93%	3.894%
94	17.268	1402	1407	1409	rVV2	143020	247304	9.25%	0.581%
95	17.463	1421	1424	1427	rBV	447166	569513	21.29%	1.339%
96	17.520	1427	1429	1432	rVB	719562	784798	29.34%	1.845%
97	17.588	1432	1435	1436	rBV	709671	1006189	37.62%	2.365%
98	18.903	1547	1550	1555	rVB2	323850	649001	24.27%	1.526%
99	19.063	1562	1564	1567	rBV	80358	172191	6.44%	0.405%
100	19.291	1581	1584	1589	rBV	266685	495729	18.54%	1.165%

Sum of corrected areas: 42539281

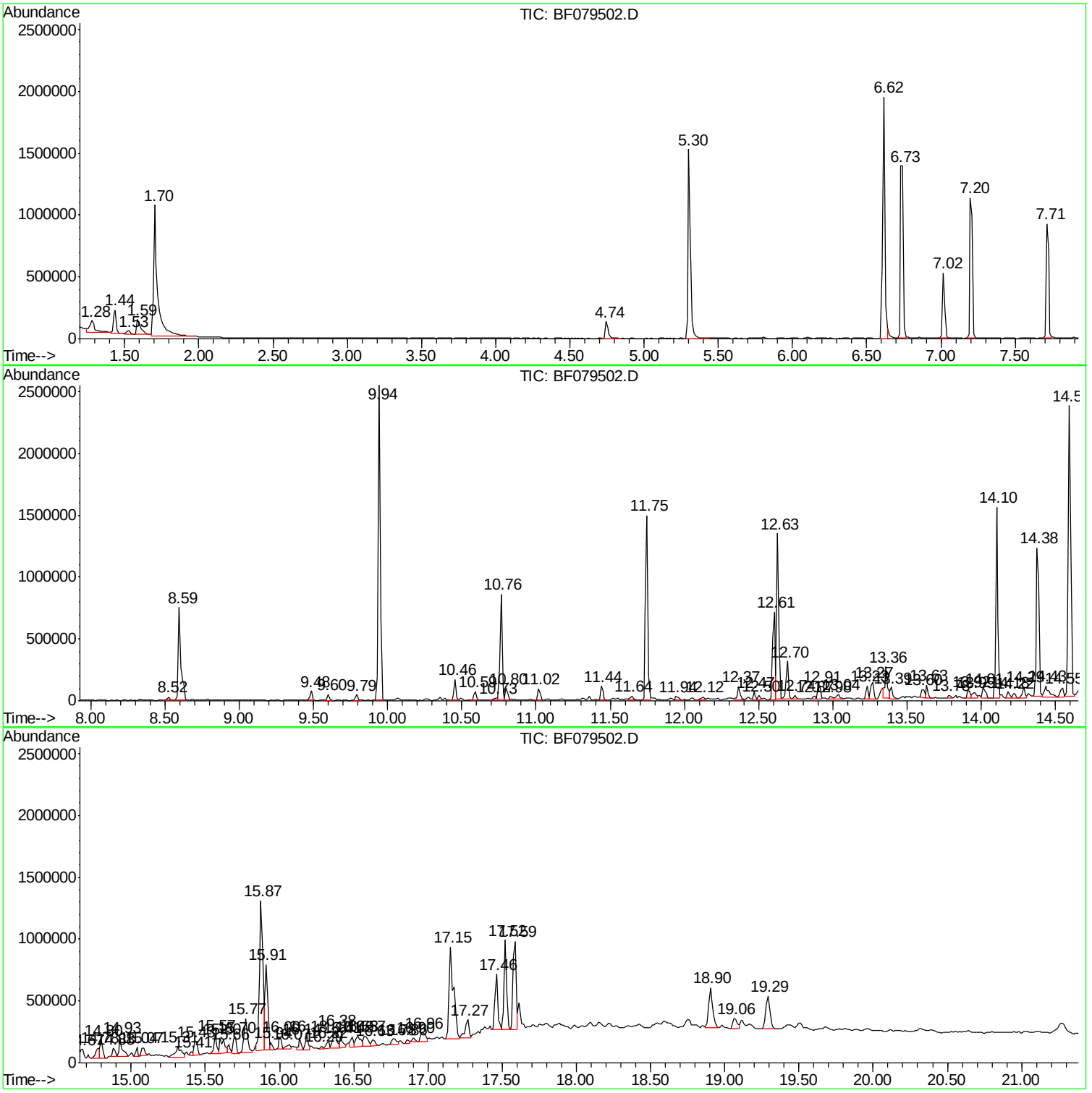
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

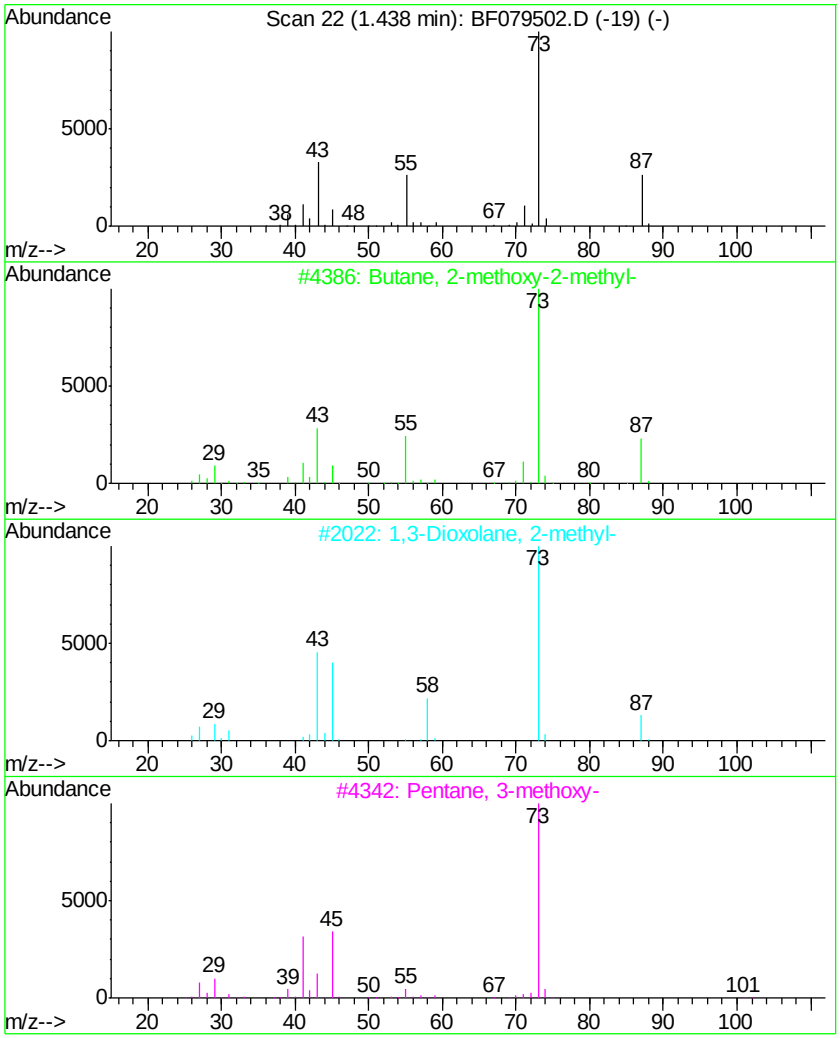
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

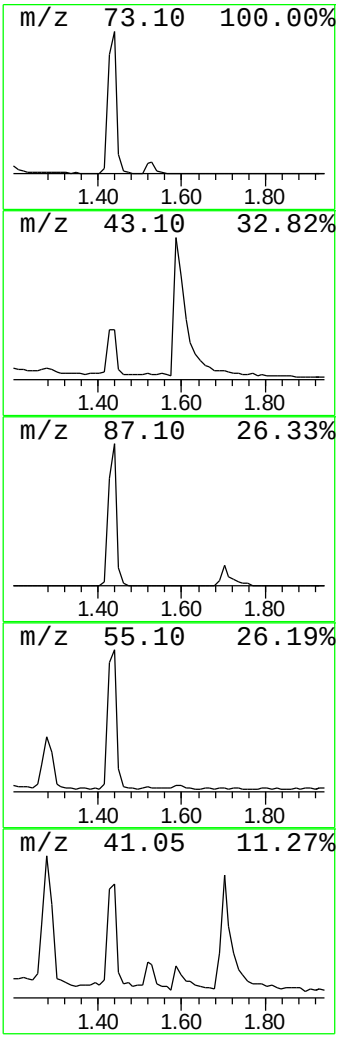
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	10.45 ng	279329	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

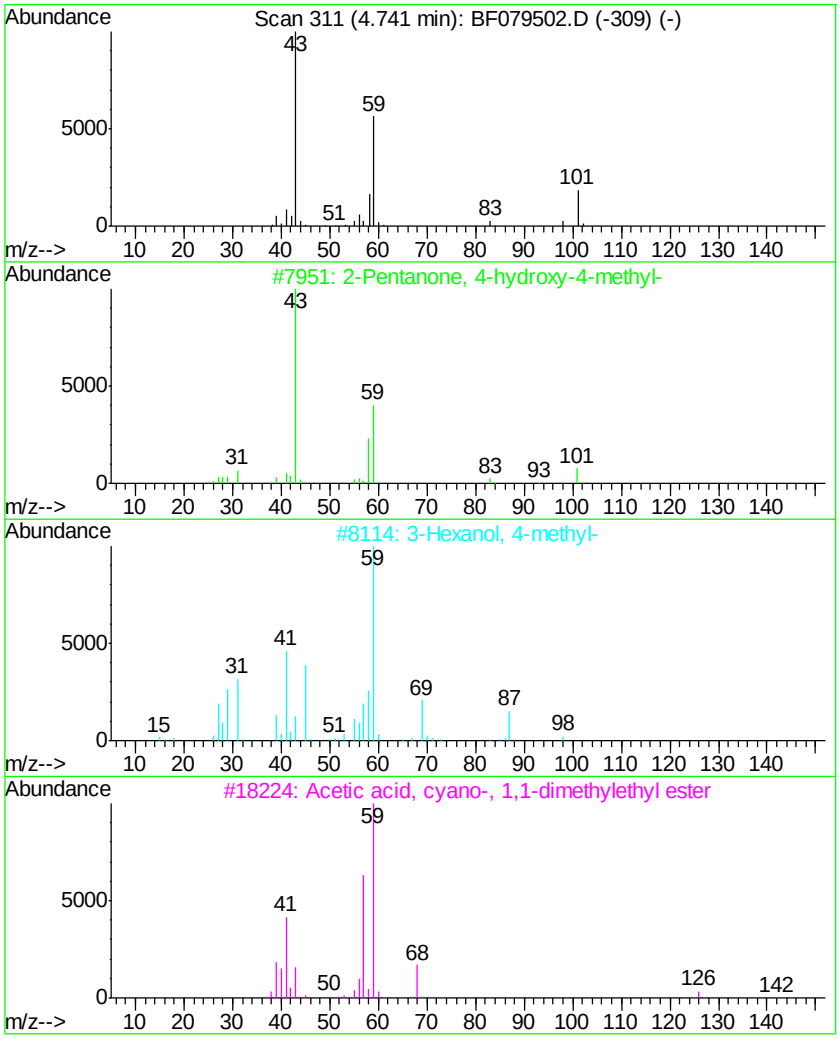
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

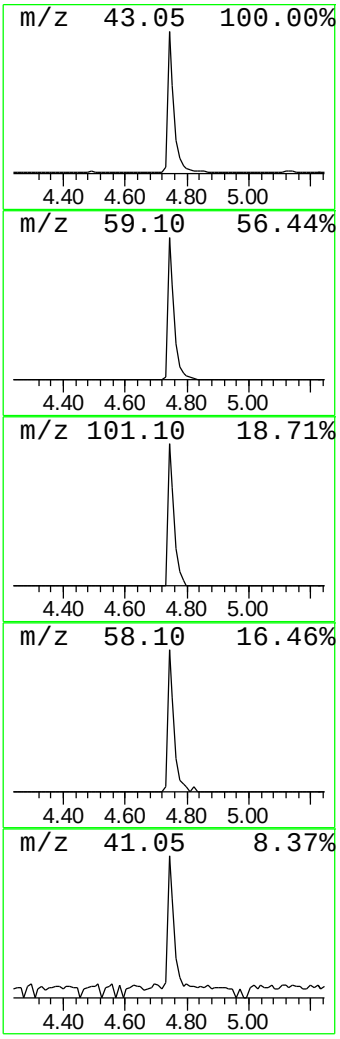
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.41 ng	198126	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
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Sample : G2371-03
Misc :
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Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

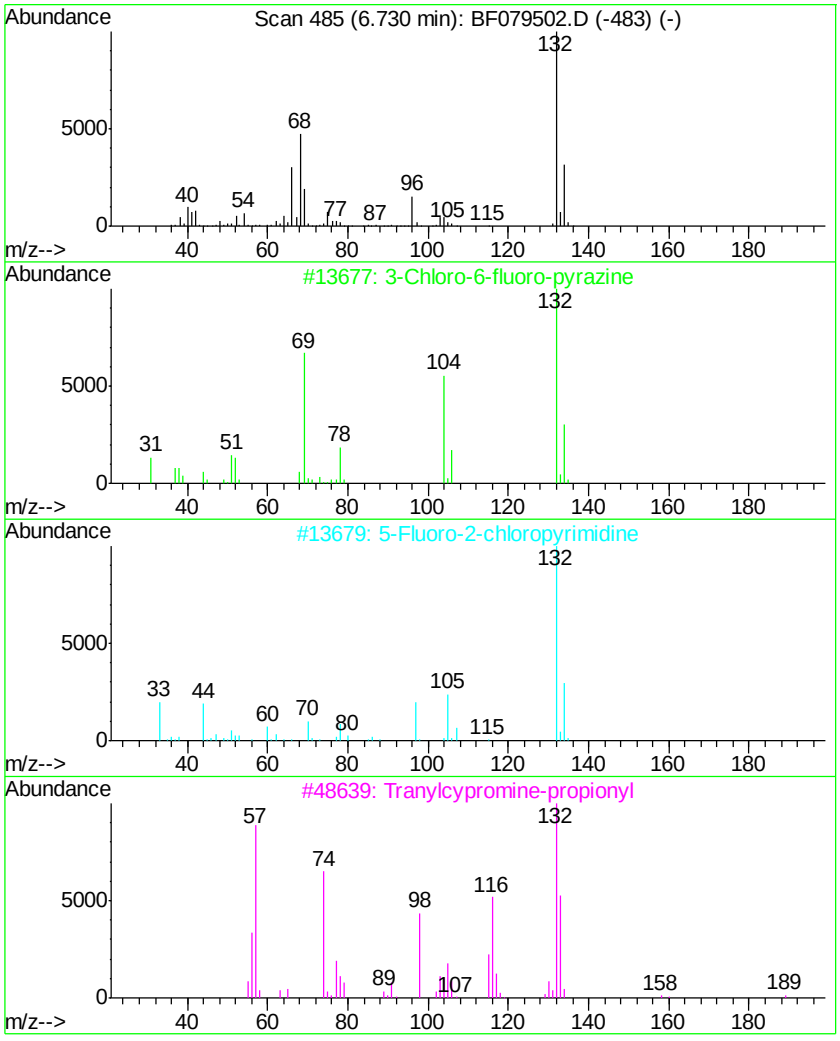
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

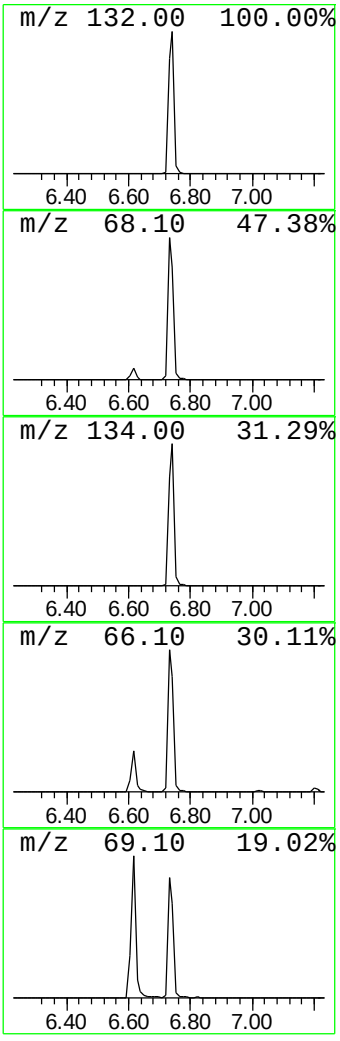
****

Peak Number 6 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	74.37 ng	1987620	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

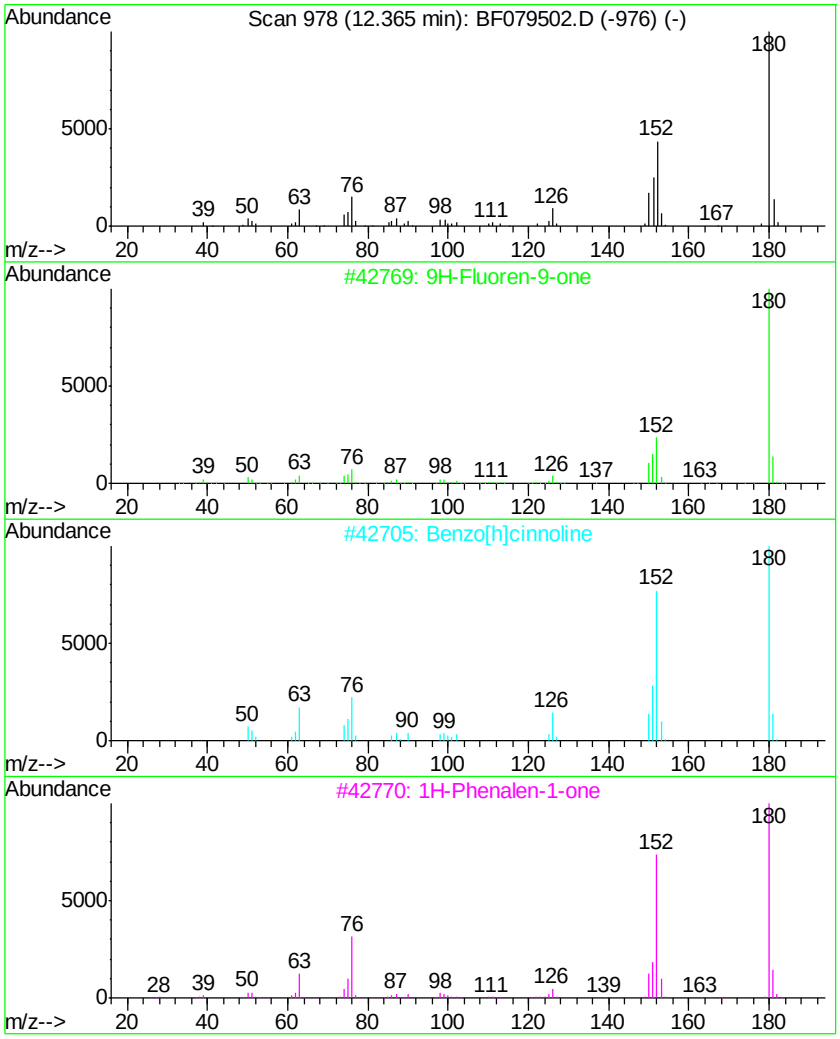
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

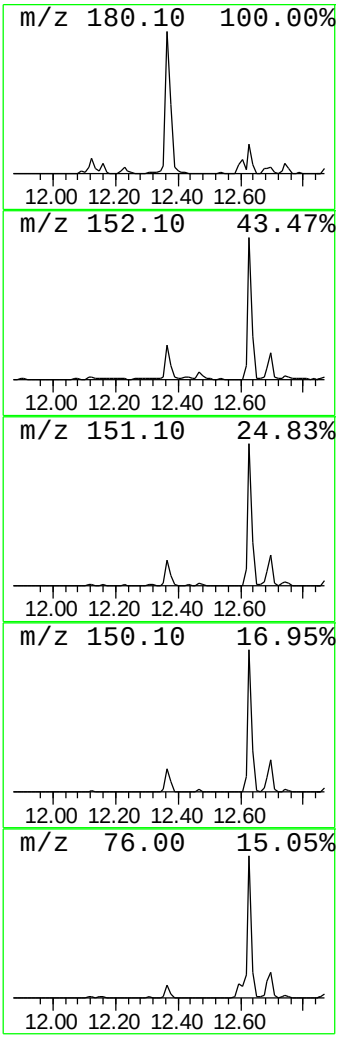
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.30 ng	112289	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	47
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

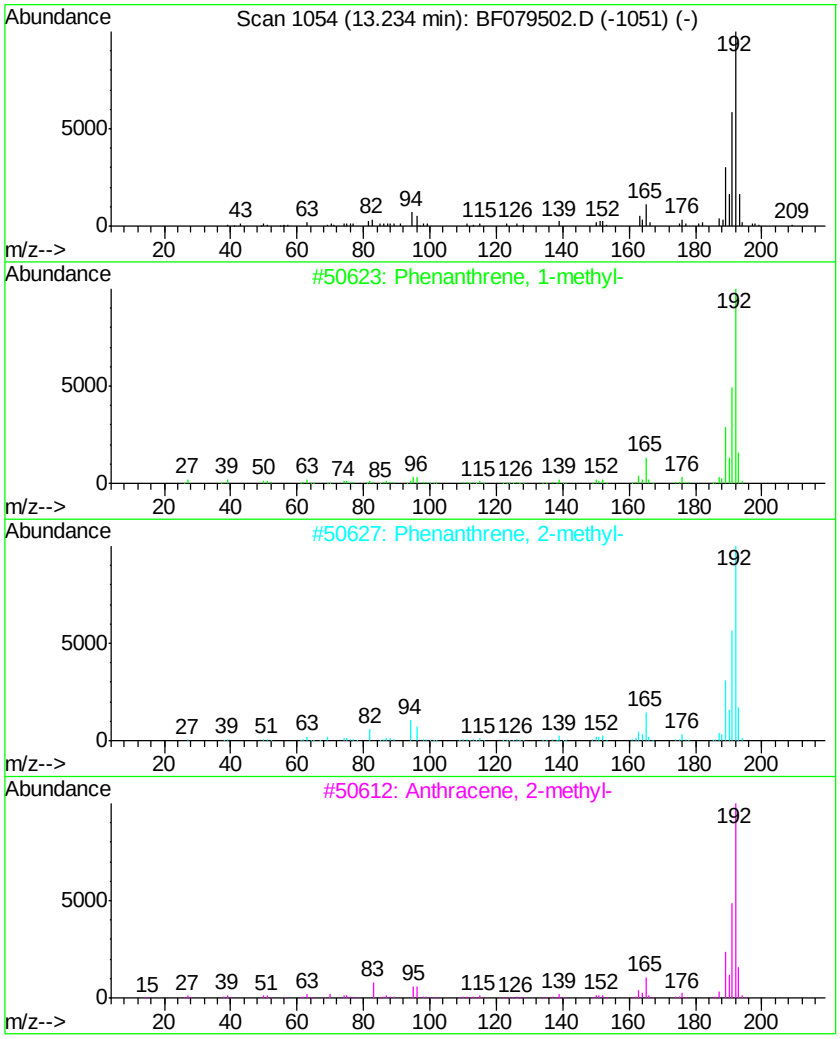
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

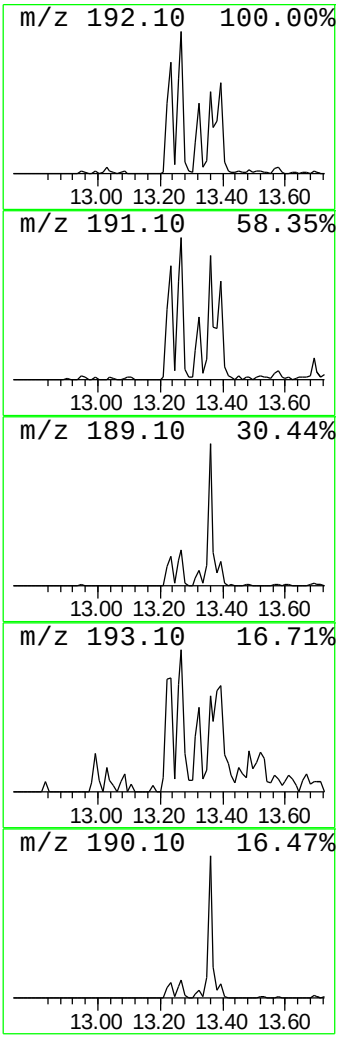
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.84 ng	138334	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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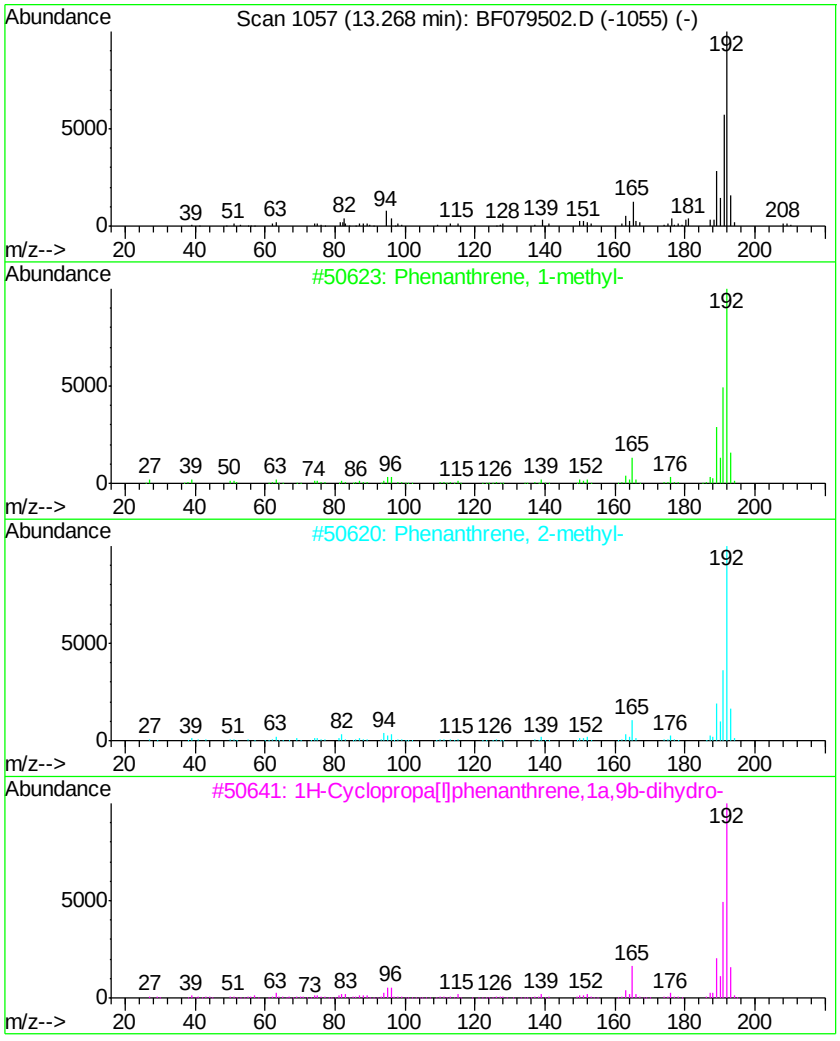
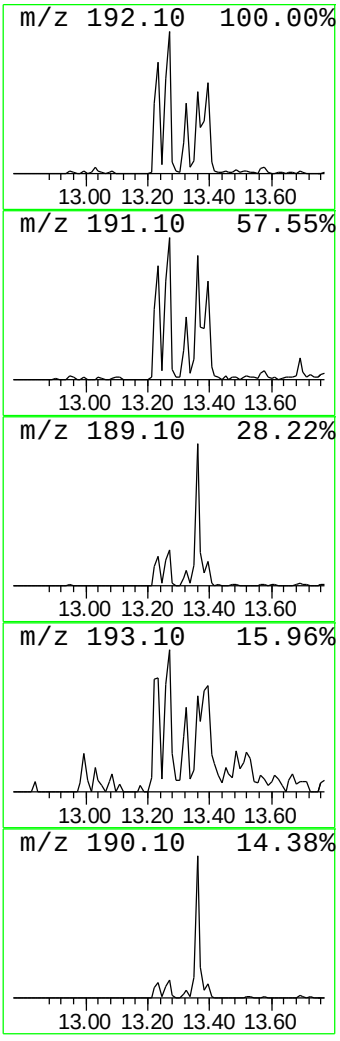
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.81 ng	185731	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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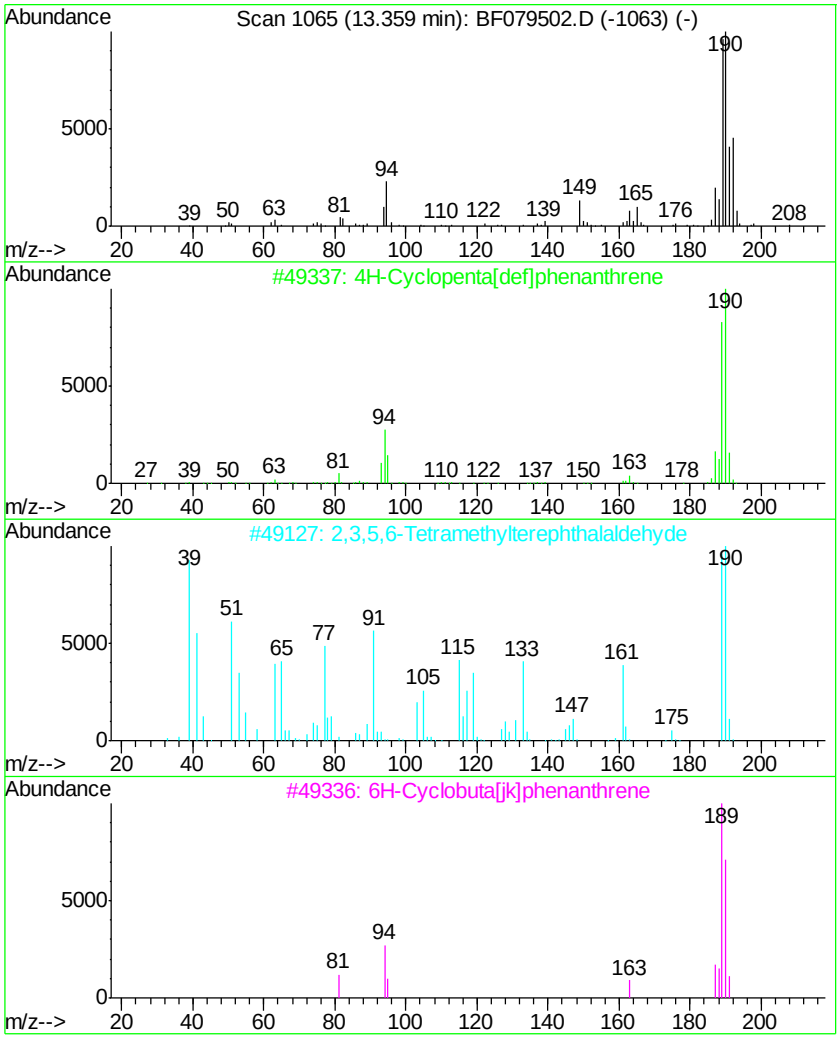
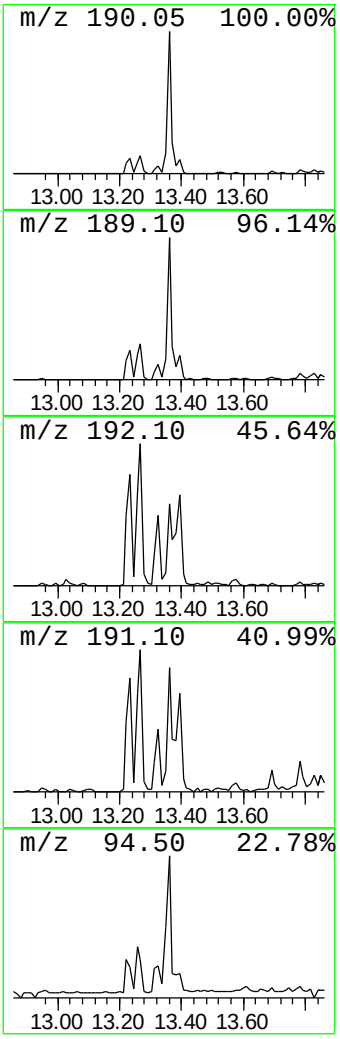
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	6.60 ng	321427	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17





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Acq On : 27 May 2015 4:46
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Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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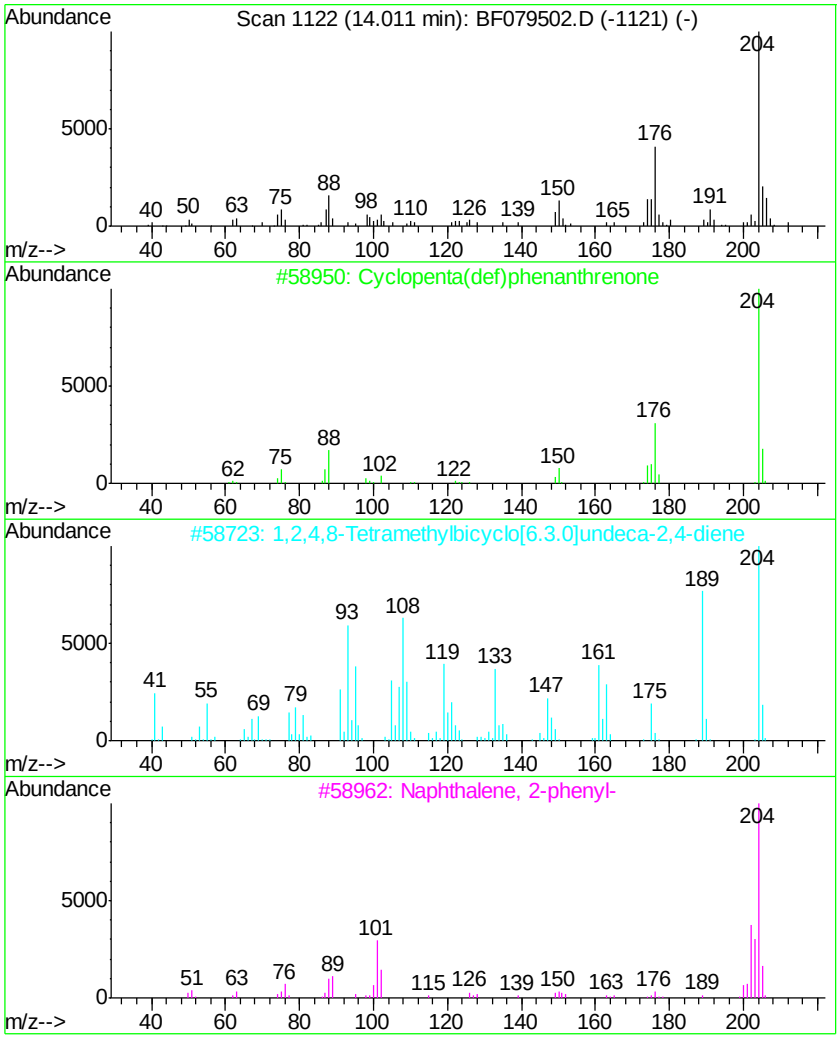
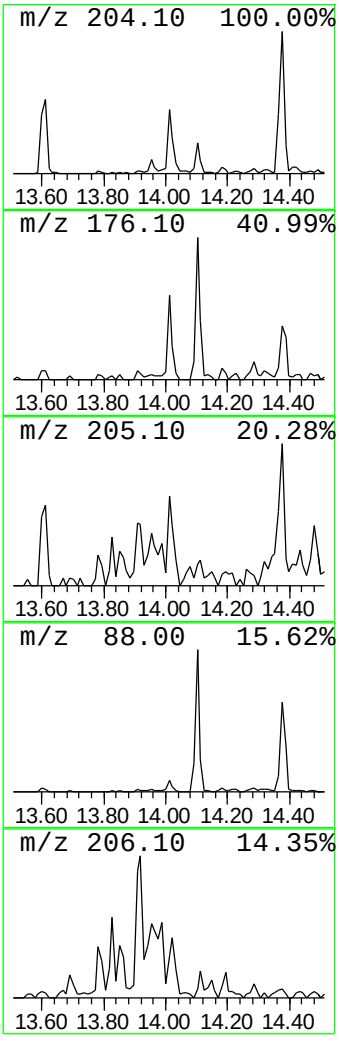
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.39 ng	116549	Phenanthrene-d10	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	40





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Acq On : 27 May 2015 4:46
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Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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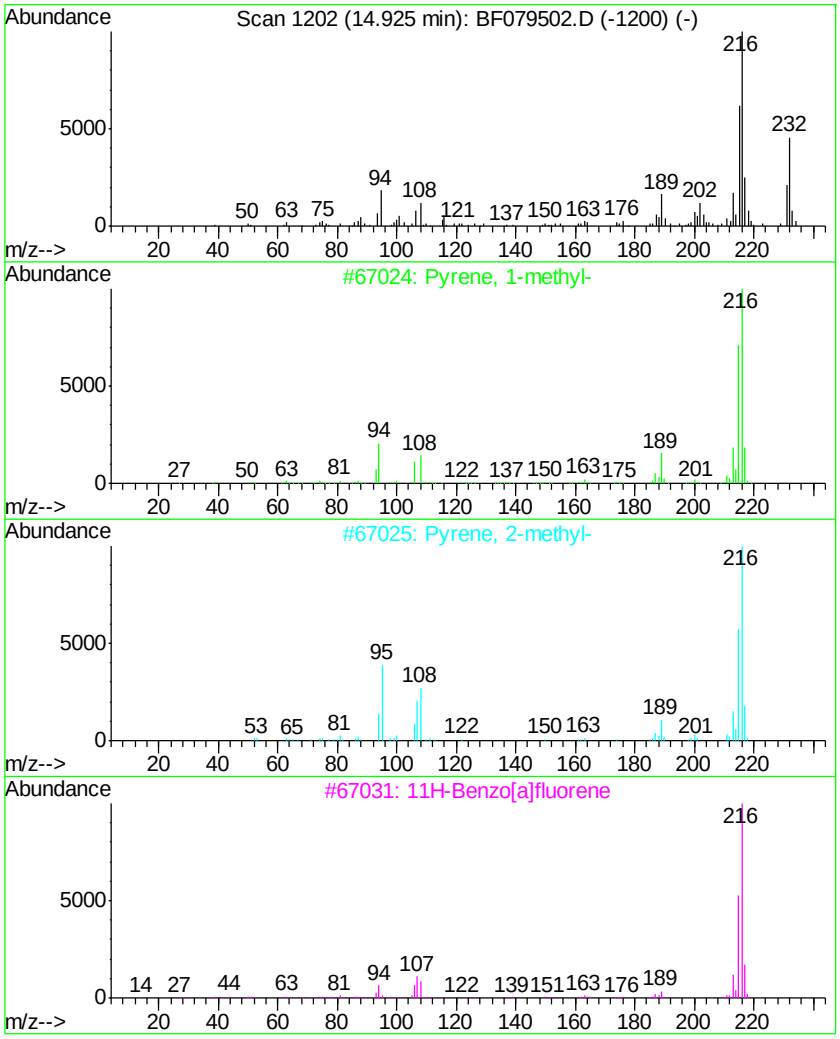
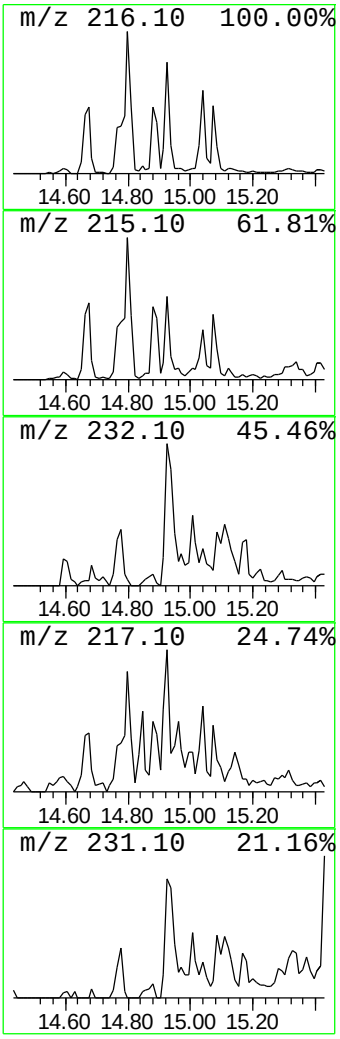
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.29 ng	246767	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





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Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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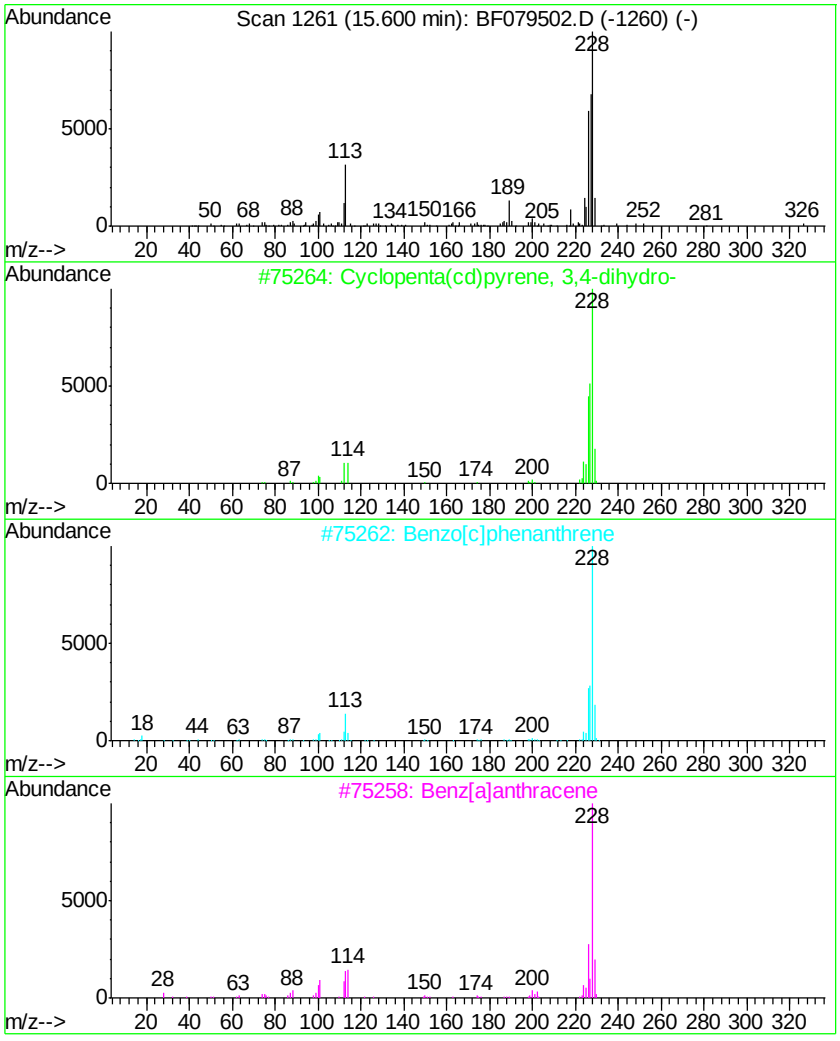
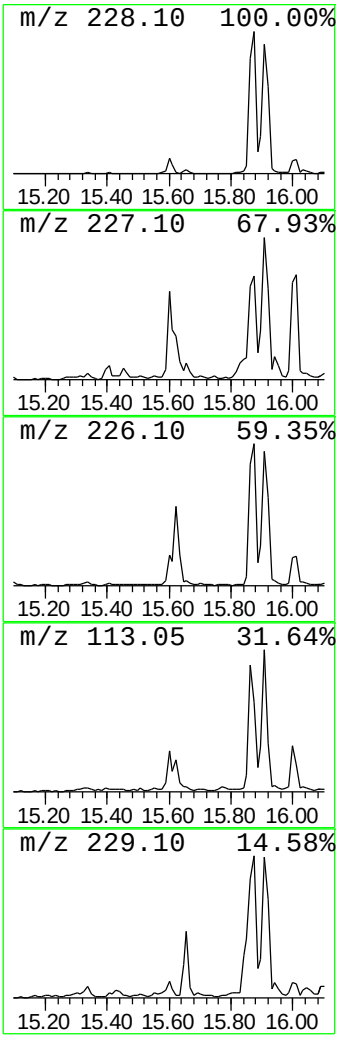
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.46 ng	265099	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Benz[a]anthracene	228	C18H12	000056-55-3	50
4	Triphenylene	228	C18H12	000217-59-4	45
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43





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Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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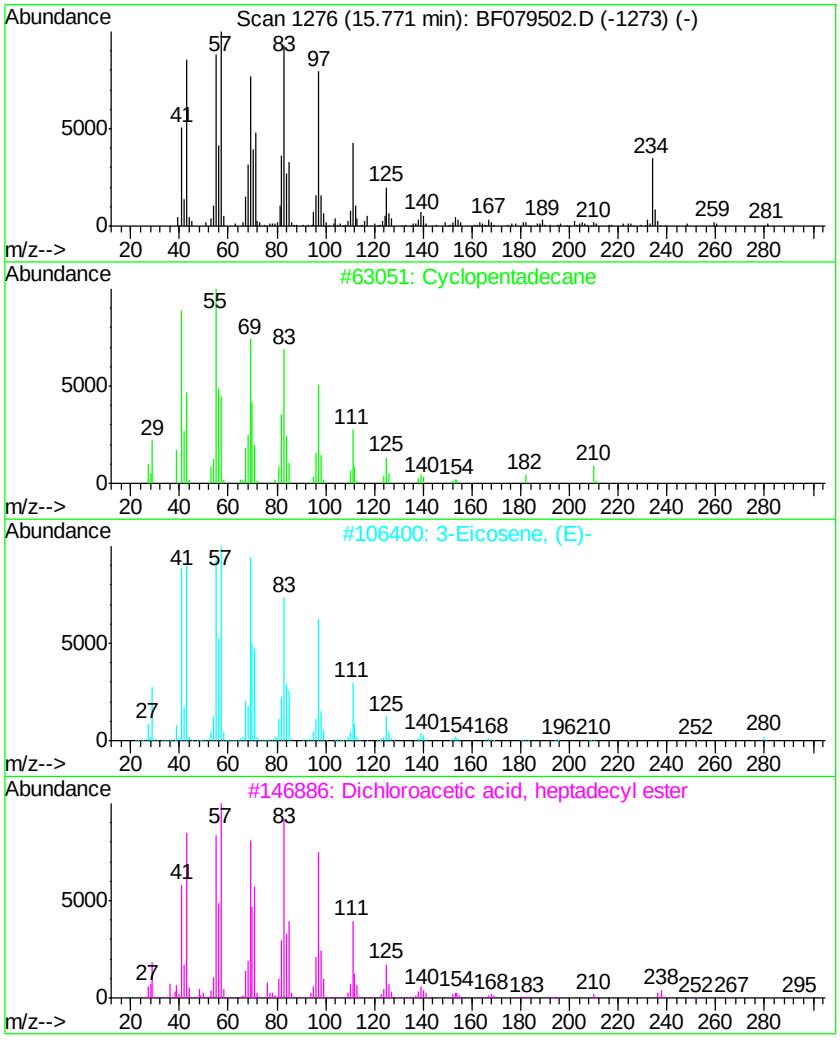
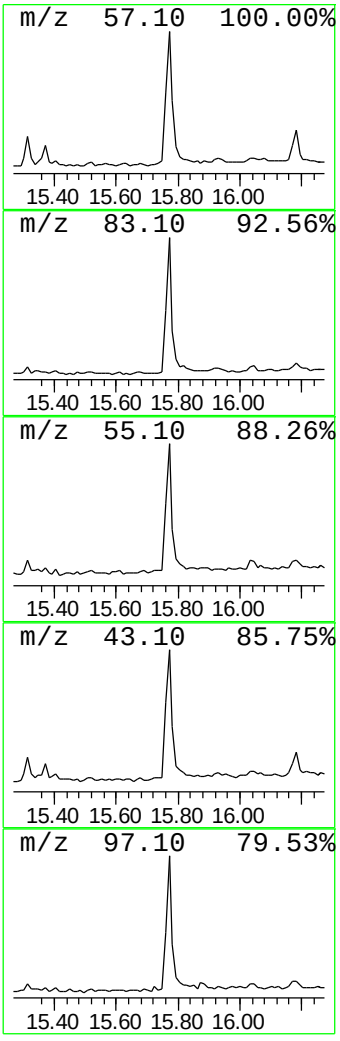
Peak Number 15 Cyclopentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.95 ng	424632	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	Cyclotetradecane	196	C14H28	000295-17-0	83





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Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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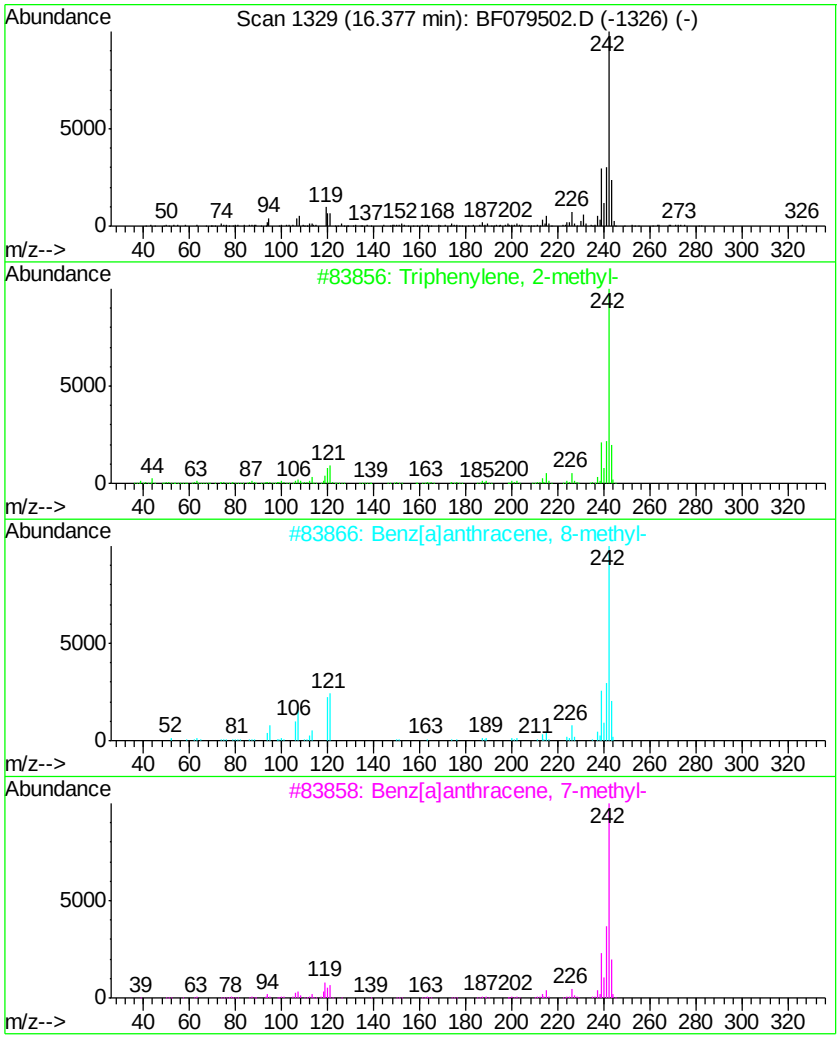
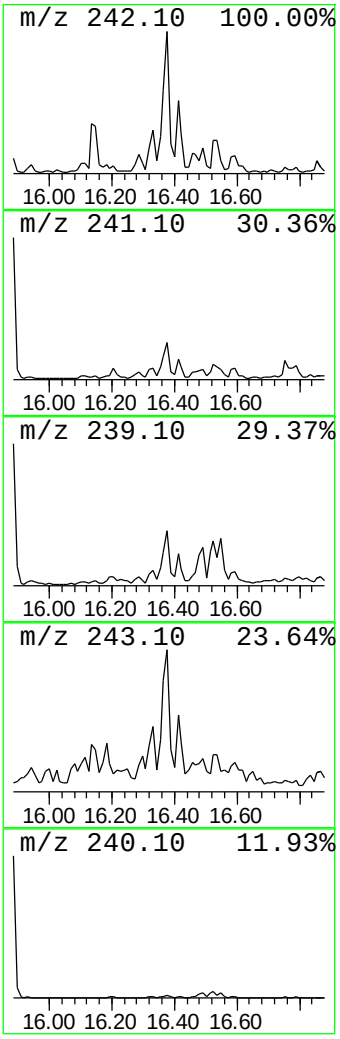
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.26 ng	242806	Chrysene-d12	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	93





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Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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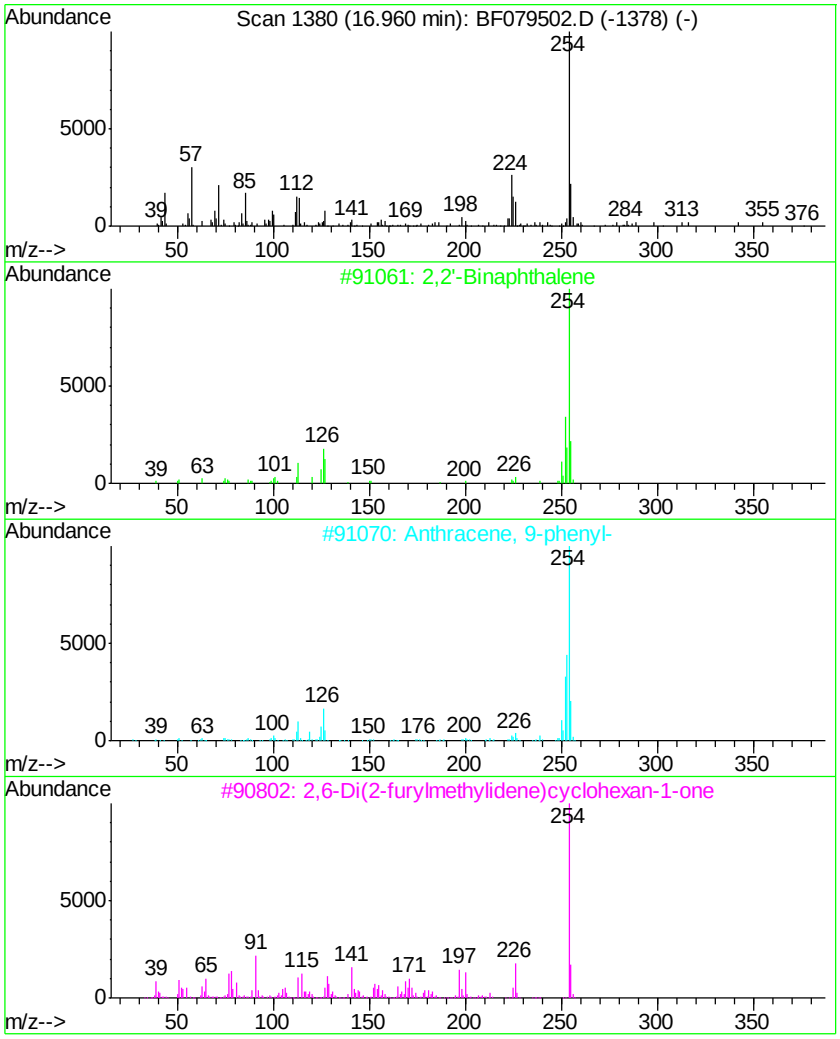
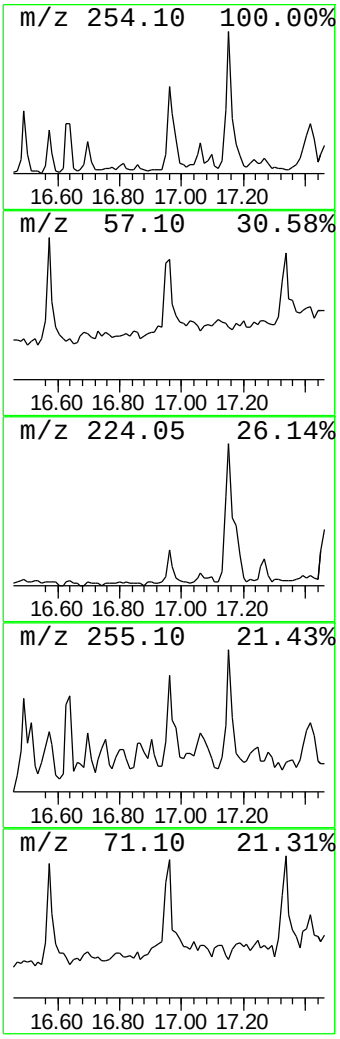
Peak Number 17 2,2'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	3.14 ng	158137	Perylene-d12	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	50
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50
3	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	50
4	Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9	47
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47





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Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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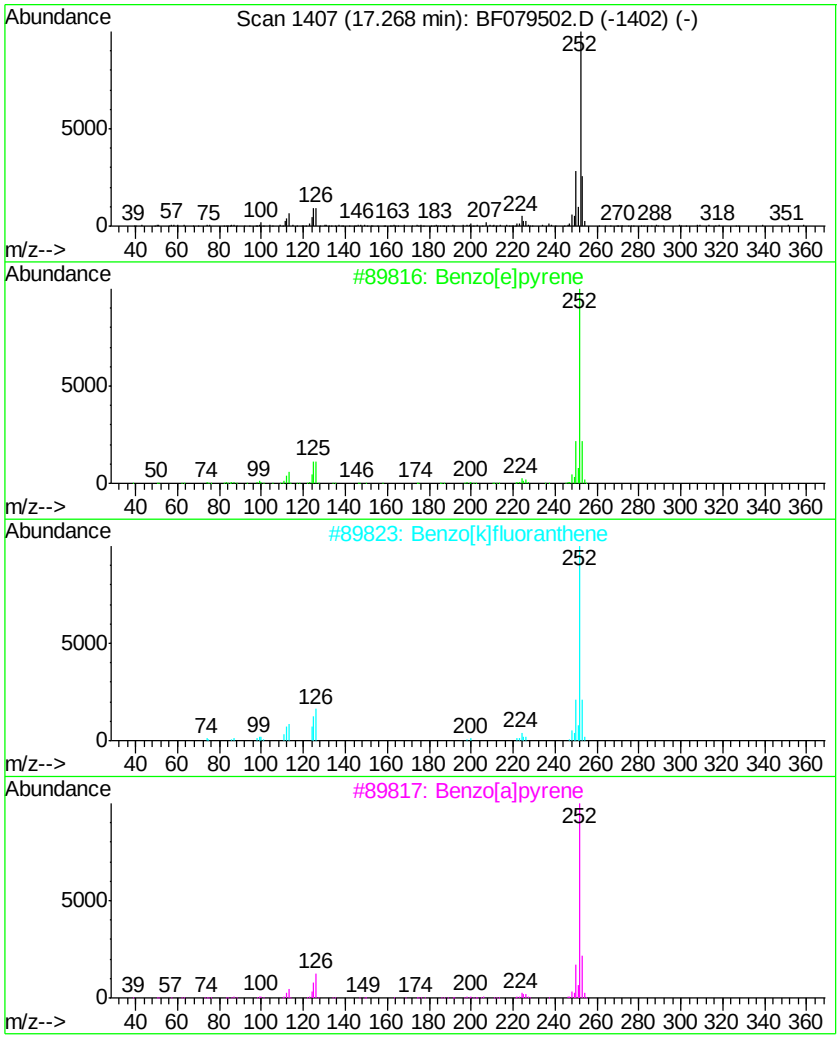
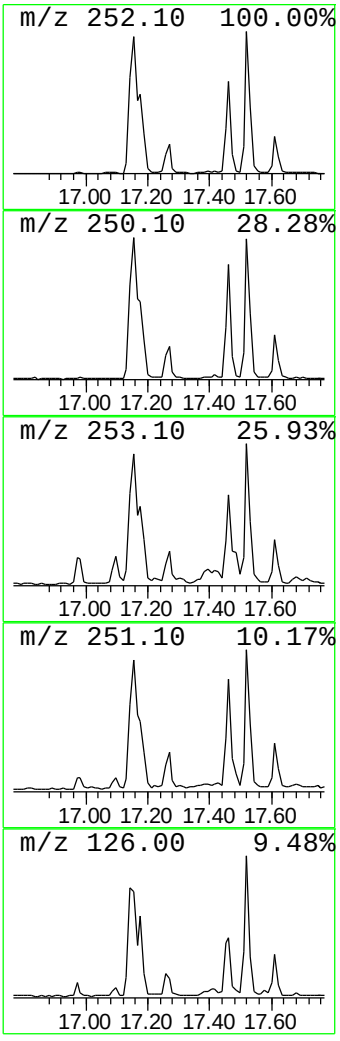
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	4.92 ng	247304	Perylene-d12	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079502.D
Acq On : 27 May 2015 4:46
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-023

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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
Butane, 2-methoxy...	1.44	10.4	ng	279329	1	7.02	534506	20.0
2-Pentanone, 4-hy...	4.74	7.4	ng	198126	1	7.02	534506	20.0
unknown6.73	6.73	74.4	ng	1987620	1	7.02	534506	20.0
9H-Fluoren-9-one	12.37	2.3	ng	112289	4	12.61	974730	20.0
Phenanthrene, 1-m...	13.23	2.8	ng	138334	4	12.61	974730	20.0
Phenanthrene, 2-m...	13.27	3.8	ng	185731	4	12.61	974730	20.0
4H-Cyclopenta[def...	13.36	6.6	ng	321427	4	12.61	974730	20.0
Cyclopenta(def)ph...	14.01	2.4	ng	116549	4	12.61	974730	20.0
Pyrene, 1-methyl-	14.93	2.3	ng	246767	5	15.89	2151490	20.0
Cyclopenta(cd)pyr...	15.60	2.5	ng	265099	5	15.89	2151490	20.0
Cyclopentadecane	15.77	4.0	ng	424632	5	15.89	2151490	20.0
Triphenylene, 2-m...	16.38	2.3	ng	242806	5	15.89	2151490	20.0
2,2'-Binaphthalene	16.96	3.1	ng	158137	6	17.59	1006190	20.0
Benzo[e]pyrene	17.27	4.9	ng	247304	6	17.59	1006190	20.0