LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

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-BF043015.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	1.427	19	21	24	rVB	493094	494157	21.53%	2.000%
2	1.564	30	33	36	rVB	153940	246388	10.74%	0.997%
3	1.736	46	48	56	rVB2	228714	466741	20.34%	1.889%
4	1.850	56	58	74	rVB	1410510	2294911	100.00%	9.290%
5	5.073	339	340	346	rVB	31773	52601	2.29%	0.213%
6	5.587	382	385	387	rVB	719046	975713	42.52%	3.950%
7	6.845	492	495	498	rBV	1196182	1045289	45.55%	4.232%
8	6.993	505	508	511	rBV	1214033	1082099	47.15%	4.381%
9	7.279	531	533	535	rBV	410561	380415	16.58%	1.540%
10	7.473	547	550	552	rVB	574235	796099	34.69%	3.223%
11	7.976	591	594	596	rBV	530263	640693	27.92%	2.594%
12	8.548	642	644	646	rBV	28630	25020	1.09%	0.101%
13	8.856	669	671	674	rBV	649346	574717	25.04%	2.327%
14	10.205	786	789	791	rBV	1324859	1265422	55.14%	5.123%
15	10.708	831	833	835	rBV	56676	51782	2.26%	0.210%
16	10.856	844	846	848	rVB	27915	24449	1.07%	0.099%
17	11.028	859	861	864	rBV	586457	626052	27.28%	2.534%
18	12.011	944	947	950	rBV	899468	867727	37.81%	3.513%
19	12.205	962	964	969	rVB	18202	29059	1.27%	0.118%
20	12.765	1009	1013	1015	rVV2	15629	27339	1.19%	0.111%
21	12.879	1020	1023	1024	rBV	555302	682114	29.72%	2.761%
22	12.902	1024	1025	1027	rVV	326226	285587	12.44%	1.156%
23	12.971	1027	1031	1032	rVV	63944	74759	3.26%	0.303%
24	13.291	1058	1059	1064	rVB2	25409	39011	1.70%	0.158%
25	13.508	1075	1078	1079	rBV	54921	65204	2.84%	0.264%
26	13.542	1079	1081	1083	rVB	68491	81890	3.57%	0.332%
27	13.600	1083	1086	1087	rBV2	33578	48978	2.13%	0.198%
28	13.634	1087	1089	1091	rVV2	91938	124478	5.42%	0.504%
29	13.668	1091	1092	1095	rVB	58349	51086	2.23%	0.207%
30	13.805	1102	1104	1106	rBV2	25073	31801	1.39%	0.129%
31	13.897	1108	1112	1115	rVB2	38580	93066	4.06%	0.377%
32	14.068	1125	1127	1129	rBV2	32619	48345	2.11%	0.196%
33	14.194	1135	1138	1139	rBV	61303	77793	3.39%	0.315%
34	14.228	1139	1141	1143	rVV3	33557	46141	2.01%	0.187%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.285	1145	1146	1150	rBV3	31443	59297	2.58%	0.240%
36	14.388	1152	1155	1157	rBV	468865	626714	27.31%	2.537%
37	14.457	1159	1161	1163	rBV2	44036	49087	2.14%	0.199%
38	14.502	1163	1165	1166	rBV2	16043	23036	1.00%	0.093%
39	14.560	1166	1170	1172	rBV2	37128	76525	3.33%	0.310%
40	14.662	1176	1179	1182	rVV	599864	684777	29.84%	2.772%
41	14.823	1189	1193	1195	rBV	53186	71850	3.13%	0.291%
42	14.868	1195	1197	1200	rVB	1256199	1409540	61.42%	5.706%
43	14.948	1200	1204	1206	rBV2	43085	65052	2.83%	0.263%
44	15.085	1209	1216	1218	rVB3	62746	183256	7.99%	0.742%
45	15.165	1221	1223	1225	rBV	43857	53371	2.33%	0.216%
46	15.211	1225	1227	1232	rBV2	93512	144293	6.29%	0.584%
47	15.325	1235	1237	1238	rBV	44931	44770	1.95%	0.181%
48	15.360	1238	1240	1242	rVB	45953	52856	2.30%	0.214%
49	15.417	1242	1245	1247	rVB4	16629	25430	1.11%	0.103%
50	15.463	1247	1249	1250	rBV2	25961	39415	1.72%	0.160%
51	15.508	1250	1253	1256	rBV3	71990	164414	7.16%	0.666%
52	15.714	1267	1271	1275	rVB3	50929	142630	6.22%	0.577%
53	15.863	1281	1284	1285	rBV2	59997	96381	4.20%	0.390%
54	15.897	1285	1287	1294	rVV3	65573	237510	10.35%	0.961%
55	15.988	1294	1295	1298	rVB	50766	58721	2.56%	0.238%
56	16.057	1299	1301	1307	rVV3	168169	286604	12.49%	1.160%
57	16.183	1309	1312	1314	rVV2	656951	1186935	51.72%	4.805%
58	16.217	1314	1315	1321	rVB2	262514	419464	18.28%	1.698%
59	16.320	1321	1324	1326	rBV2	56987	87521	3.81%	0.354%
60	16.491	1337	1339	1341	rBV	38740	52421	2.28%	0.212%
61	16.663	1352	1354	1355	rBV	20096	34209	1.49%	0.138%
62	16.708	1355	1358	1360	rVV	63878	95981	4.18%	0.389%
63	16.754	1360	1362	1364	rVV	33372	43256	1.88%	0.175%
64	16.834	1367	1369	1370	rVB	27994	36629	1.60%	0.148%
65	16.868	1370	1372	1373	rBV2	36373	40168	1.75%	0.163%
66	16.914	1373	1376	1378	rBV3	68045	112864	4.92%	0.457%
67	17.108	1391	1393	1395	rBV2	27850	42760	1.86%	0.173%
68	17.211	1400	1402	1405	rBV3	38505	67972	2.96%	0.275%
69	17.326	1410	1412	1413	rBV	42519	58746	2.56%	0.238%
70	17.360	1413	1415	1417	rVV2	32004	53628	2.34%	0.217%
71	17.406	1417	1419	1421	rVB	38388	44247	1.93%	0.179%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.543	1428	1431	1437	rBV	259445	649918	28.32%	2.631%
73	17.669	1440	1442	1444	rVB	51745	72293	3.15%	0.293%
74	17.737	1446	1448	1449	rBV	36252	48446	2.11%	0.196%
75	17.874	1458	1460	1464	rBV	178276	251051	10.94%	1.016%
76	17.943	1464	1466	1469	rVV	288178	347875	15.16%	1.408%
77	18.011	1469	1472	1479	rVB	668514	945261	41.19%	3.827%
78	18.240	1489	1492	1494	rVB	70689	102439	4.46%	0.415%
79	18.457	1509	1511	1514	rVB2	57974	85326	3.72%	0.345%
80	18.651	1526	1528	1533	rVB4	49941	100751	4.39%	0.408%
81	19.474	1597	1600	1606	rVB2	148947	358265	15.61%	1.450%
82	19.909	1635	1638	1647	rVB	142784	357708	15.59%	1.448%
83	20.126	1653	1657	1667	rVB3	69067	350714	15.28%	1.420%
84	20.412	1678	1682	1687	rBV2	133982	342742	14.93%	1.388%

Sum of corrected areas: 24702045

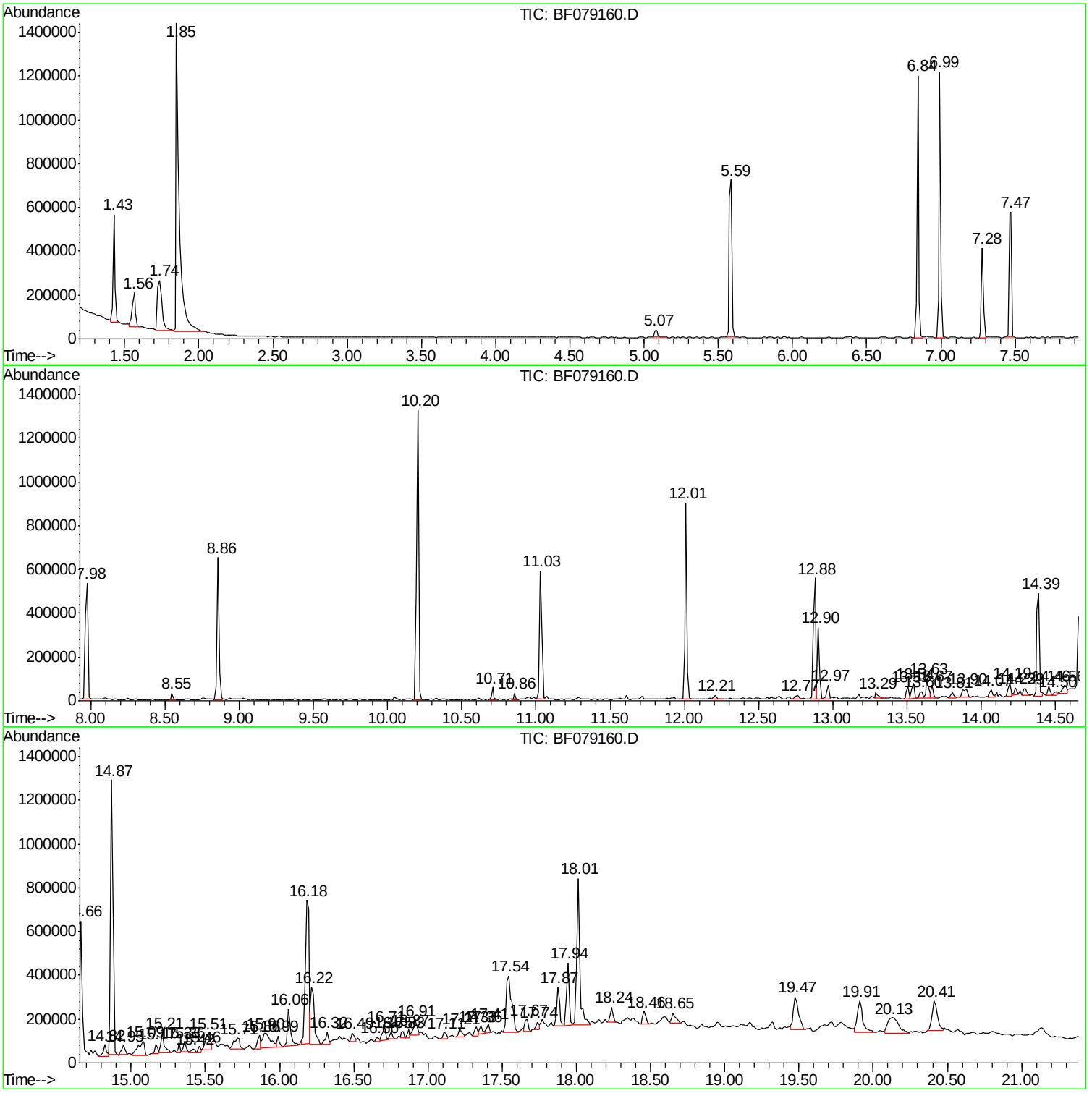
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

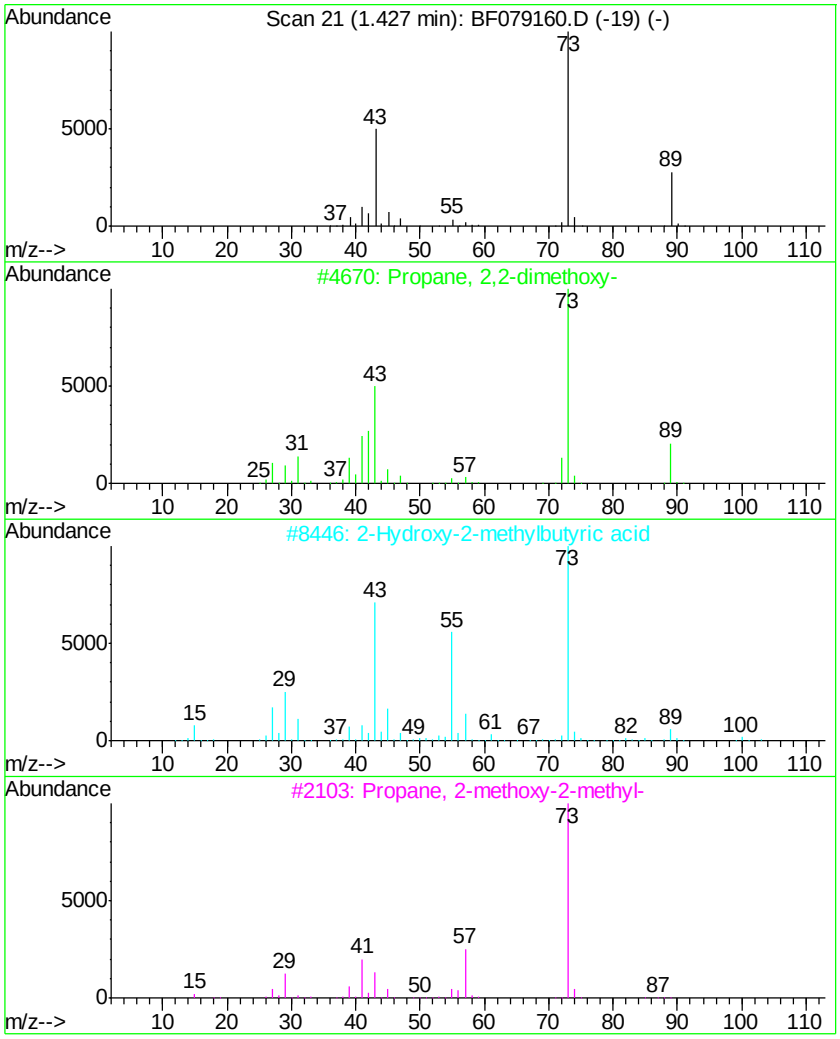
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

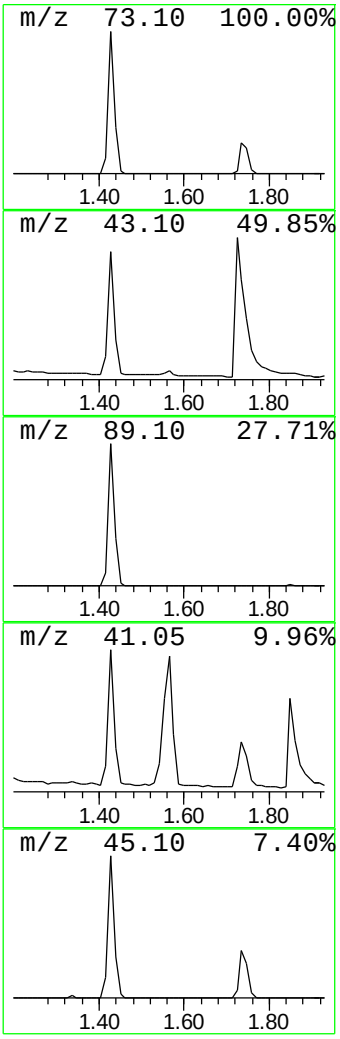
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	25.98 ng	494157	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
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	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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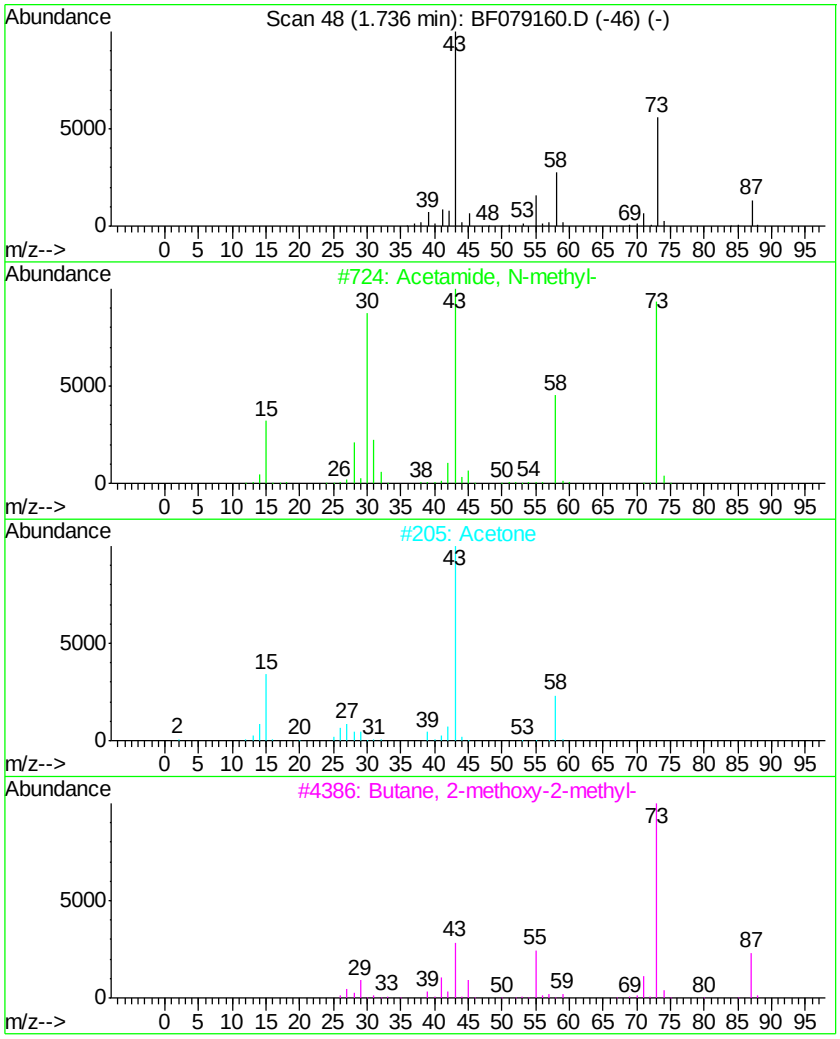
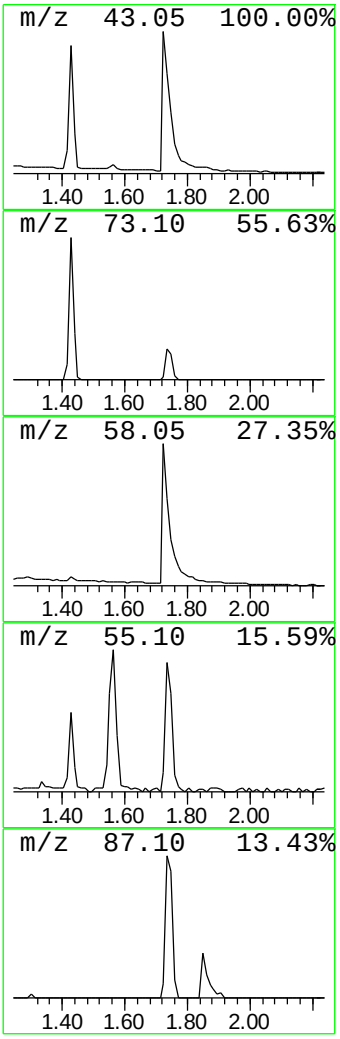
Peak Number 3 unknown1.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	24.54 ng	466741	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
2	Acetone	58	C3H6O	000067-64-1	37
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	35
4	N-Ethylformamide	73	C3H7NO	000627-45-2	25
5	2-Propanone, oxime	73	C3H7NO	000127-06-0	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

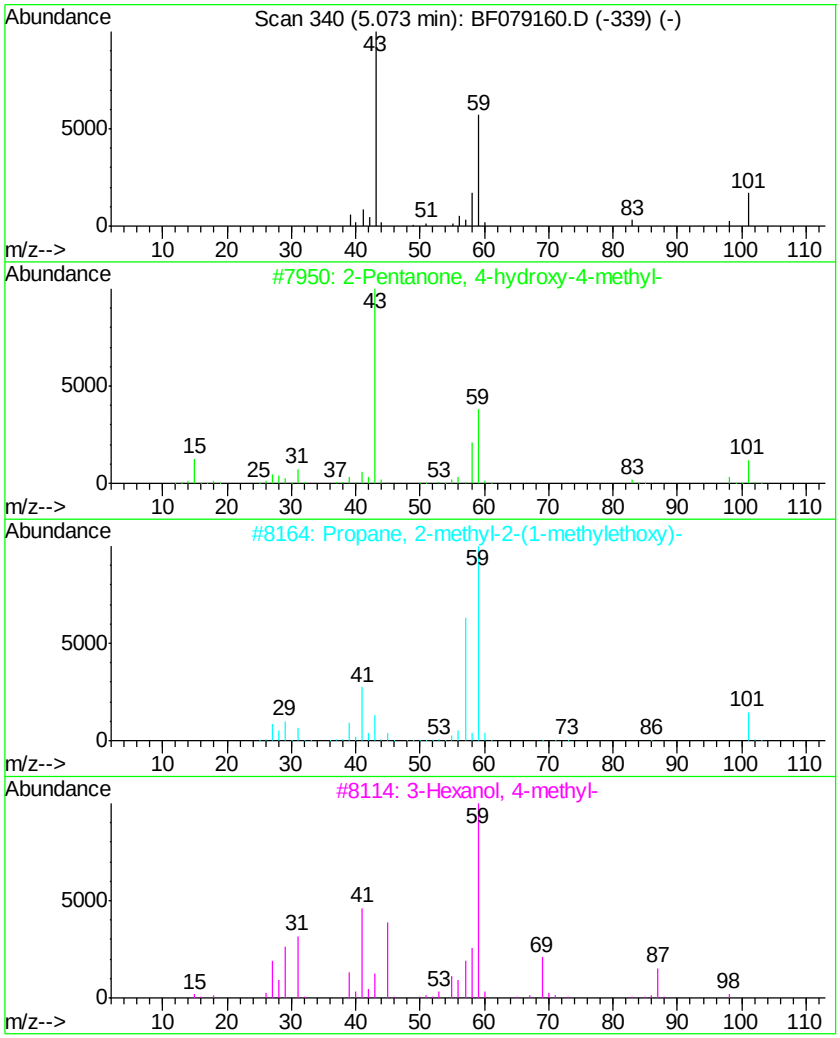
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

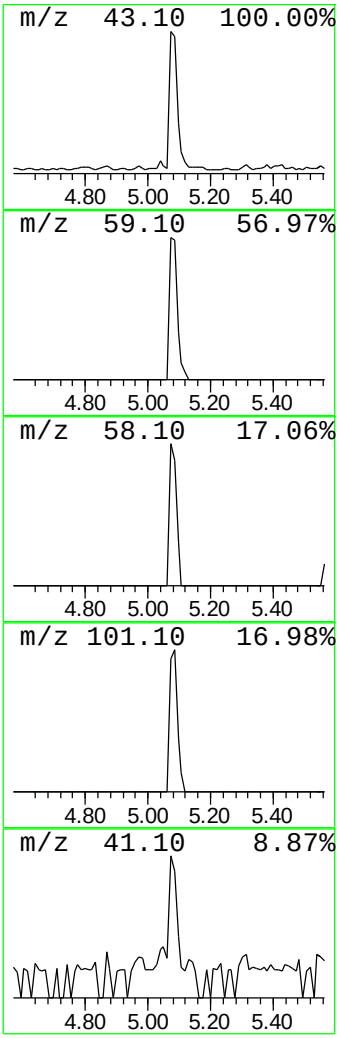
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.77 ng	52601	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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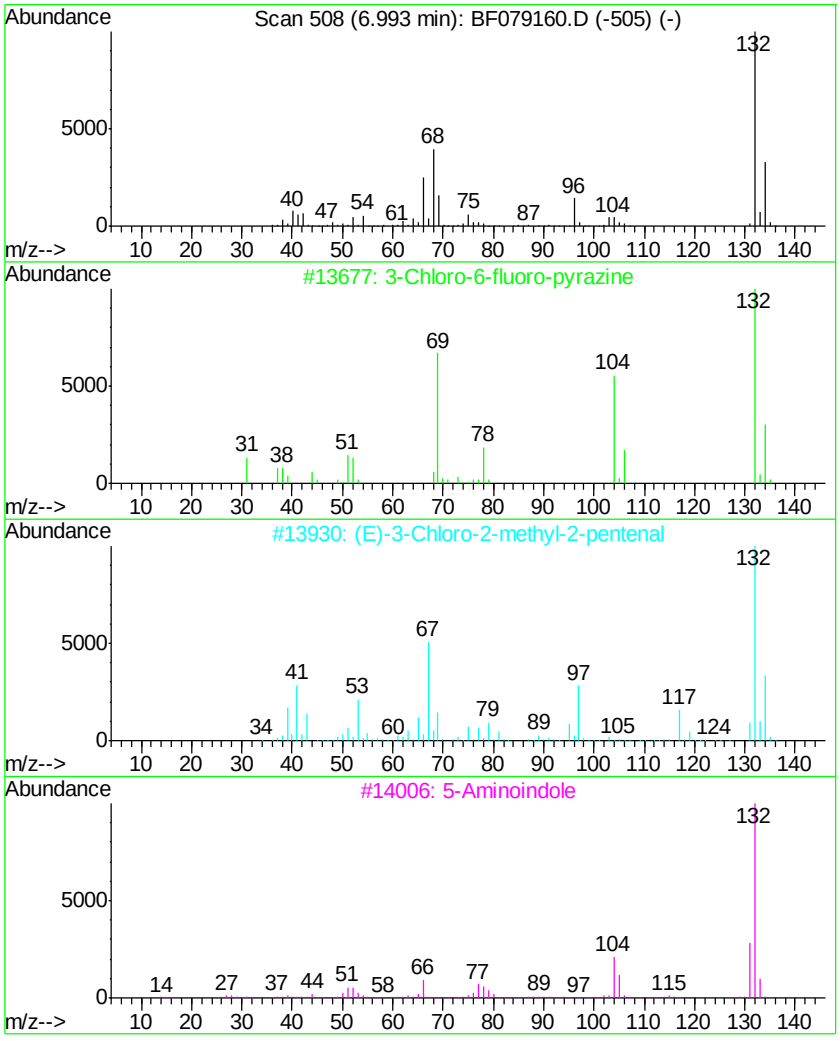
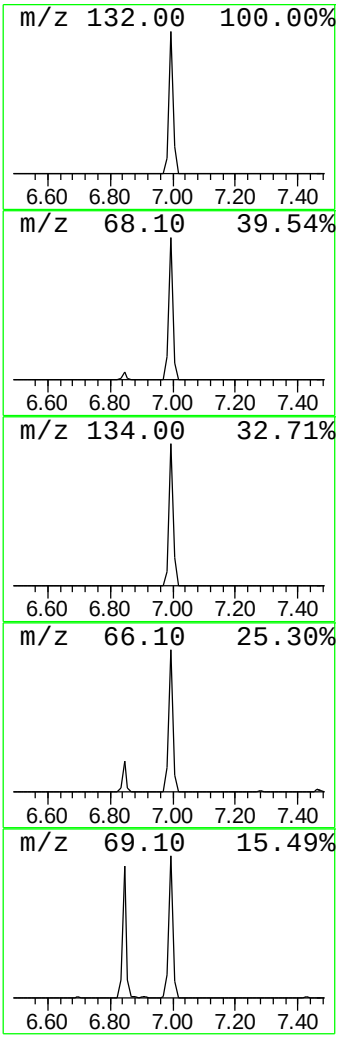
Peak Number 6 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	56.89 ng	1082100	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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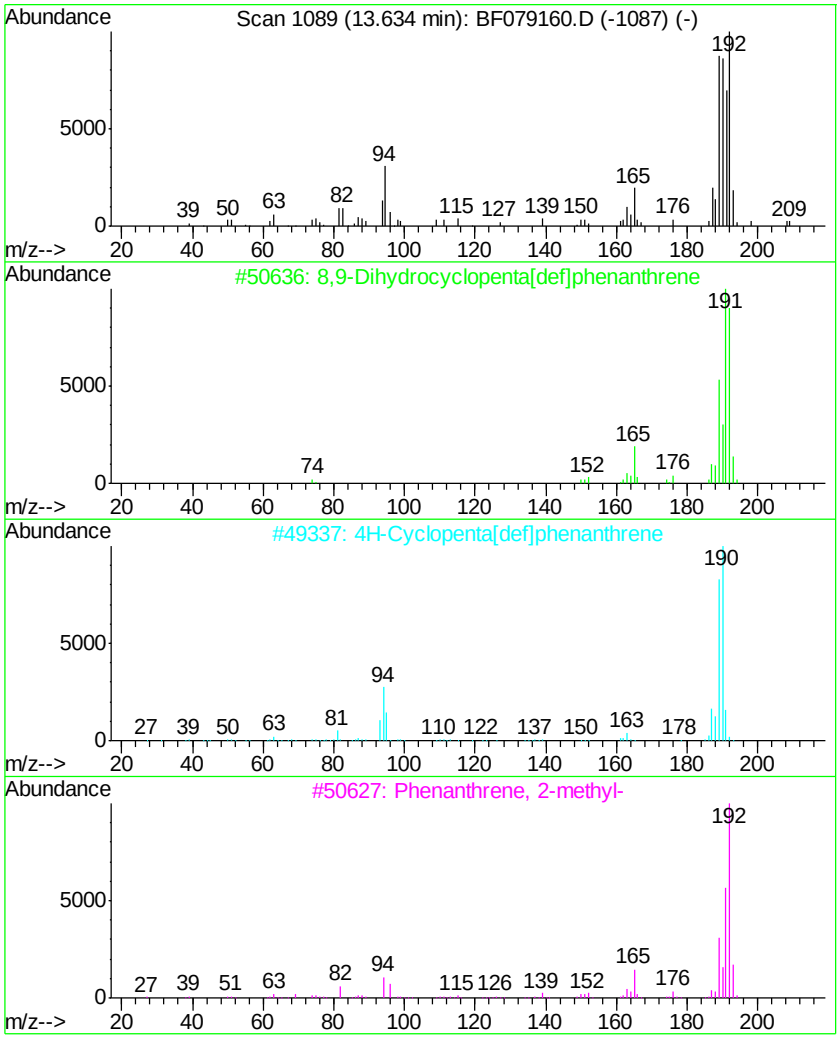
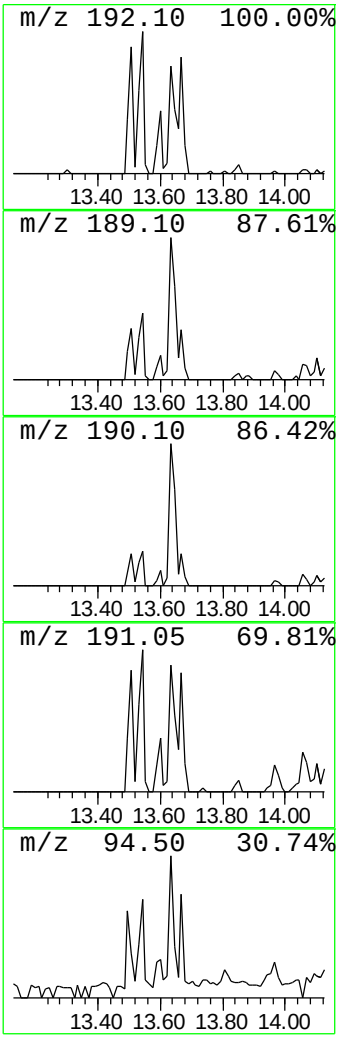
Peak Number 9 unknown13.63 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.65 ng	124478	Phenanthrene-d10	12.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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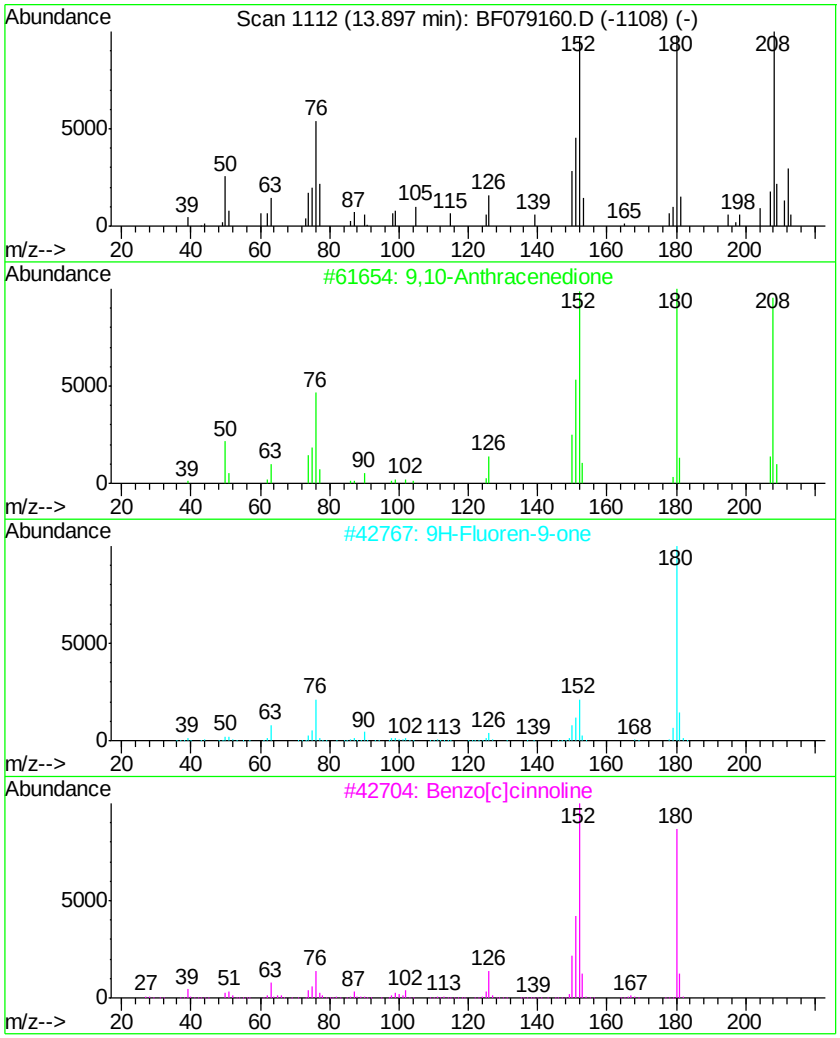
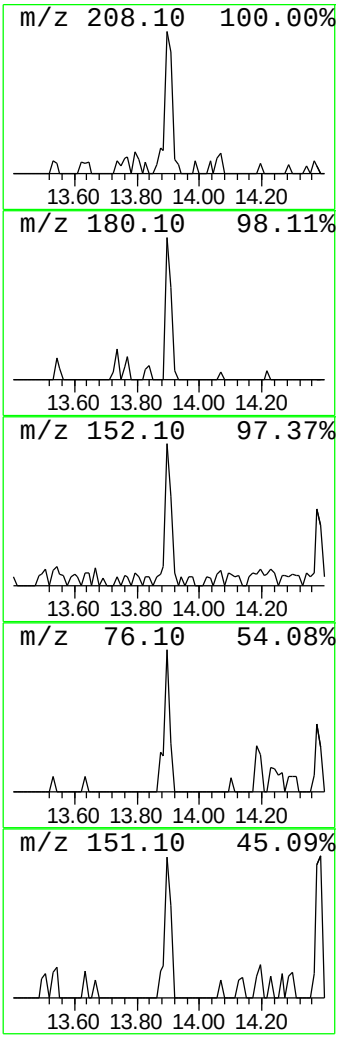
Peak Number 10 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.73 ng	93066	Phenanthrene-d10	12.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

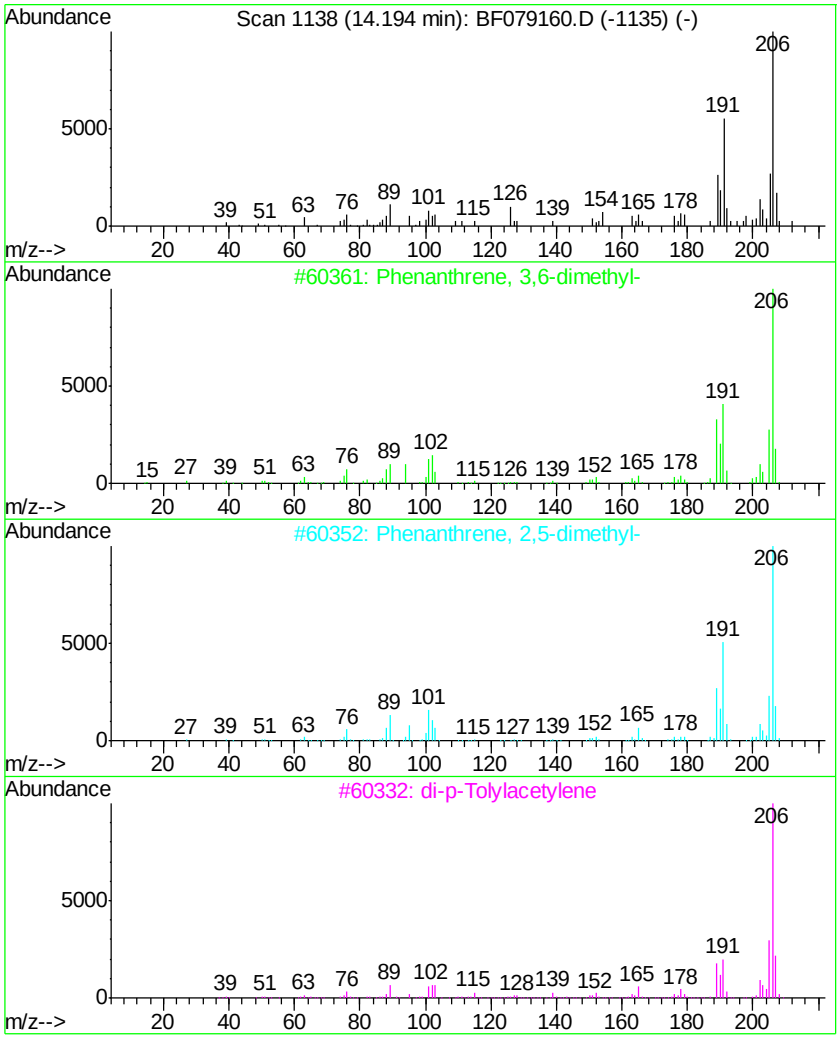
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

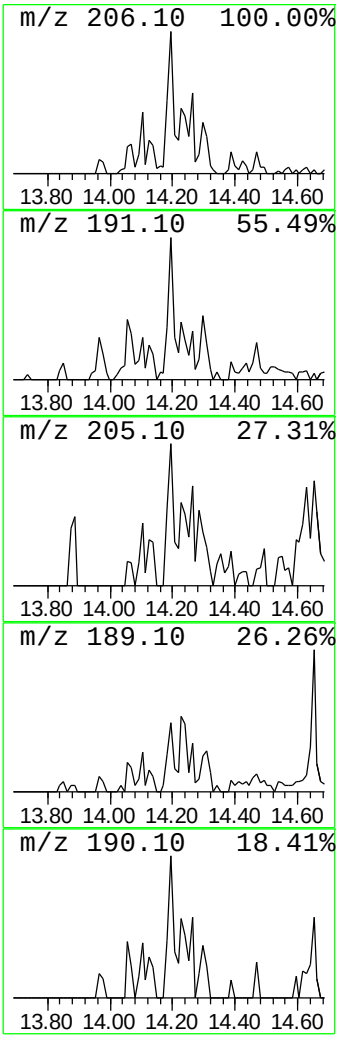
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.28 ng	77793	Phenanthrene-d10	12.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : G2155-10
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

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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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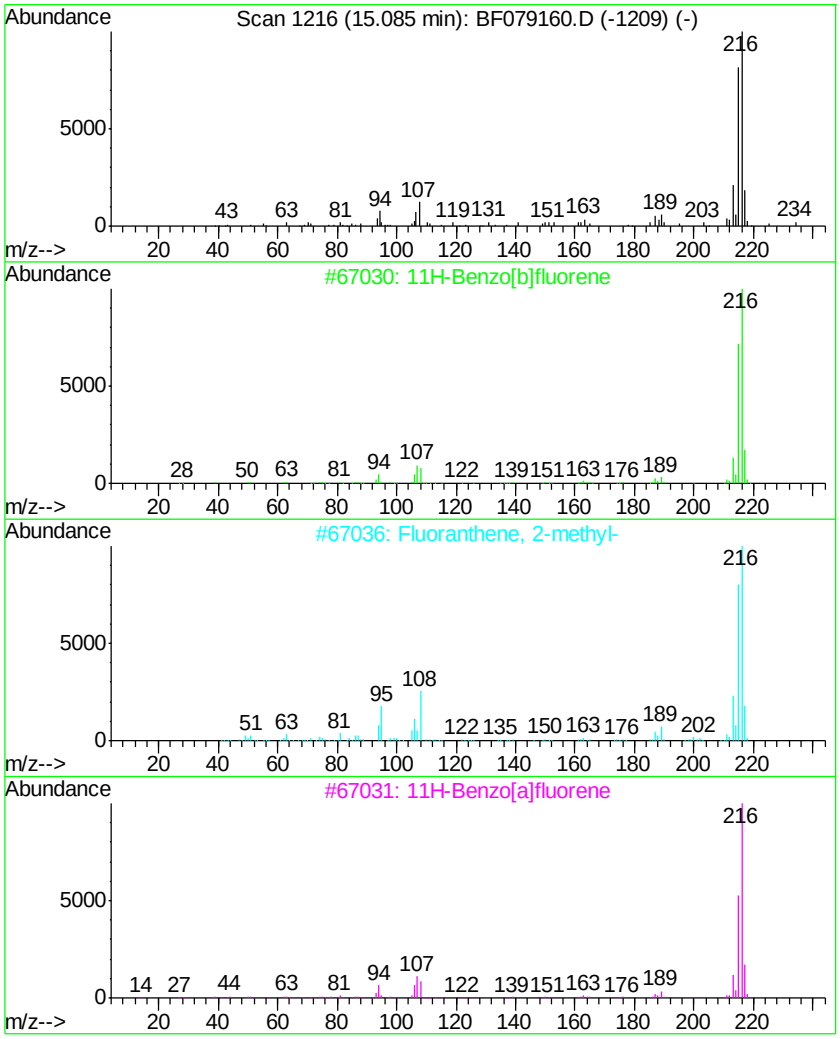
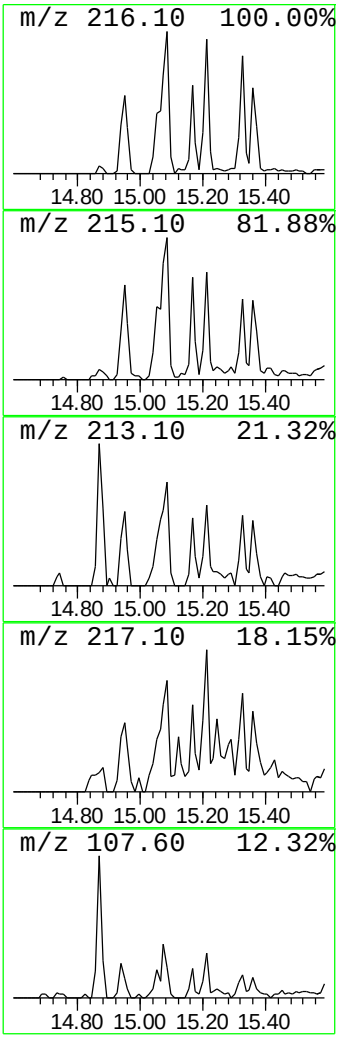
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.09 ng	183256	Chrysene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Library Search Compound Report

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Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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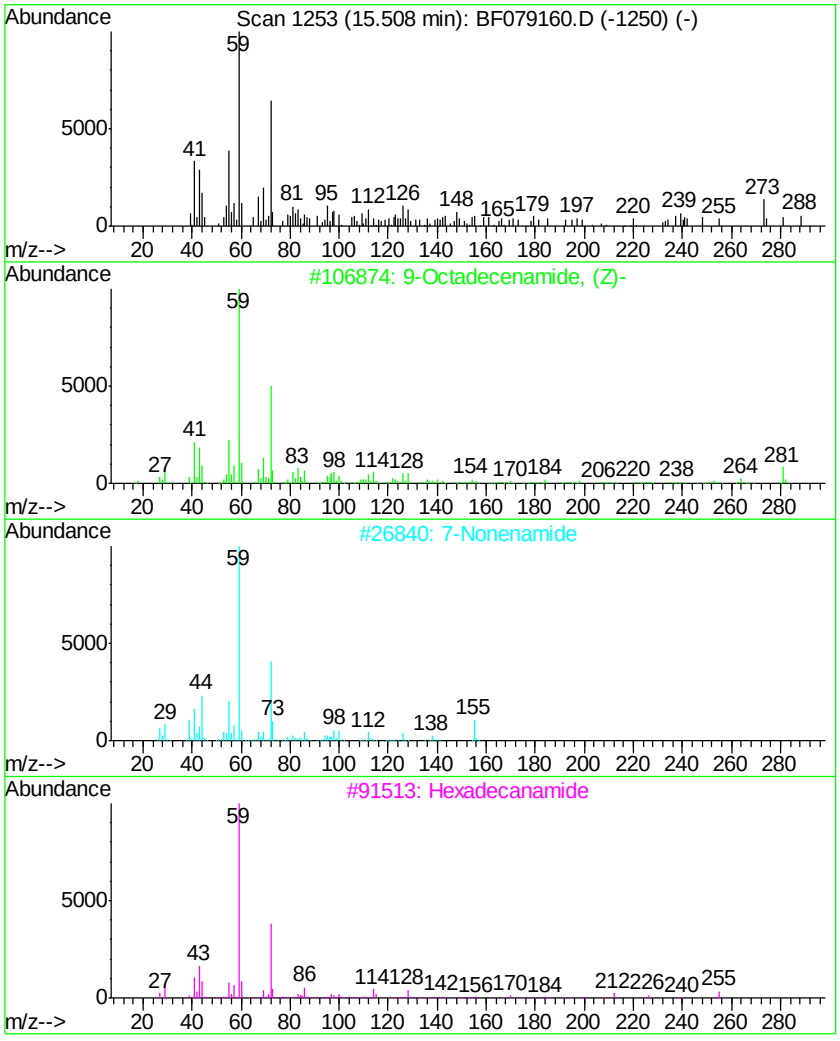
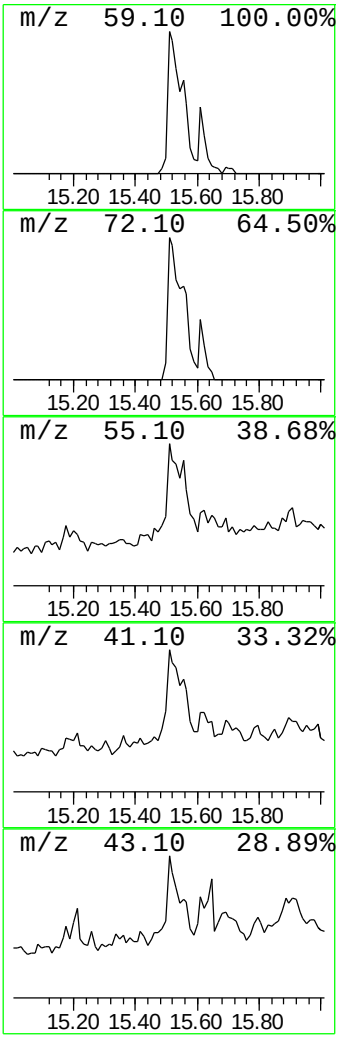
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.77 ng	164414	Chrysene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
2	7-Nonenamide	155	C9H17NO	090949-53-4	53
3	Hexadecanamide	255	C16H33NO	000629-54-9	49
4	Tetradecanamide	227	C14H29NO	000638-58-4	47
5	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	35





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Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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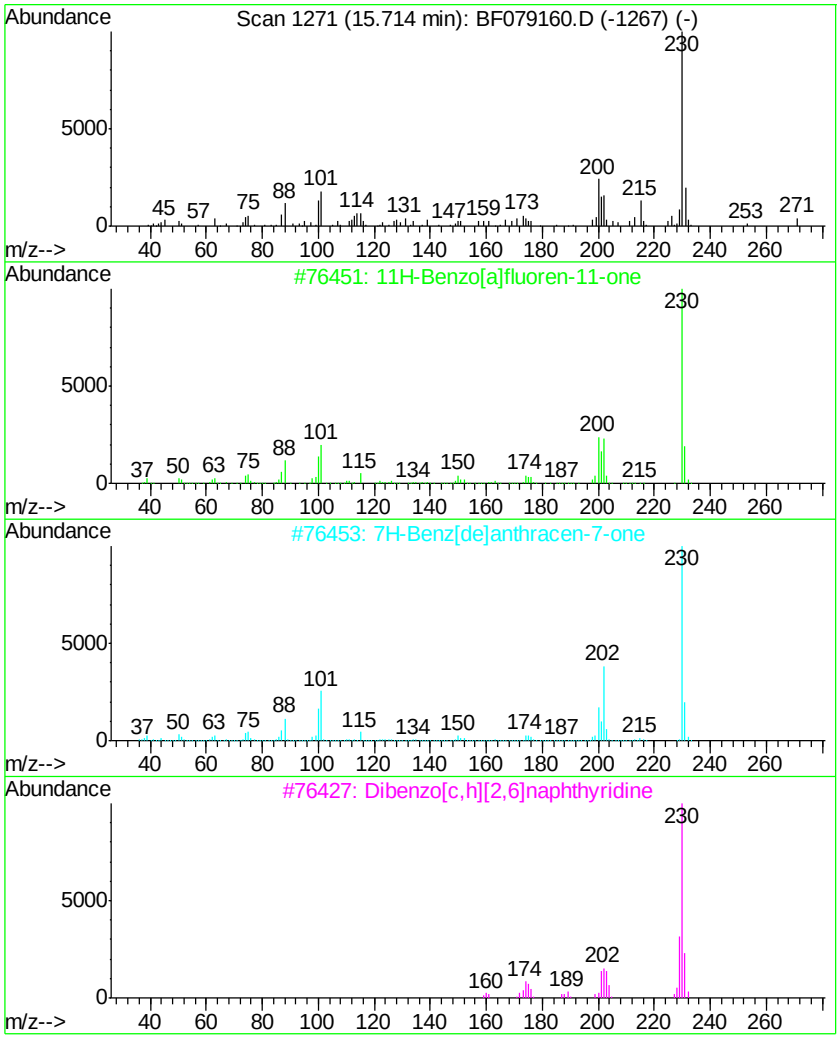
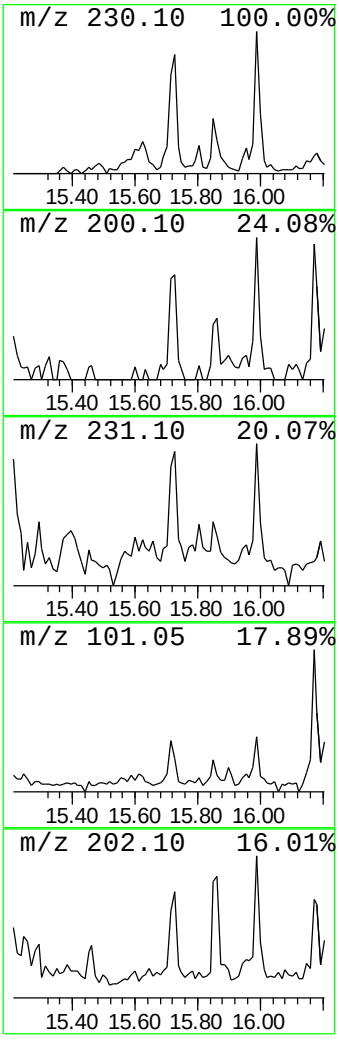
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.40 ng	142630	Chrysene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	52





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Data File : BF079160.D
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Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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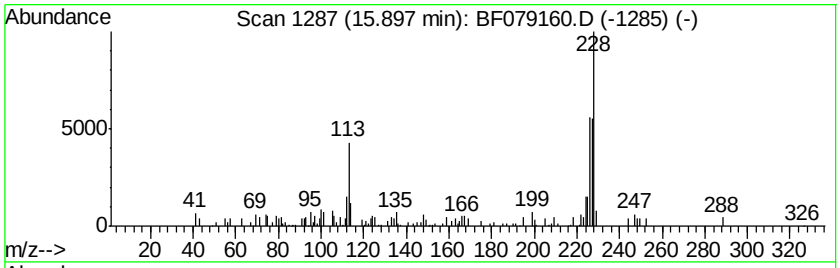
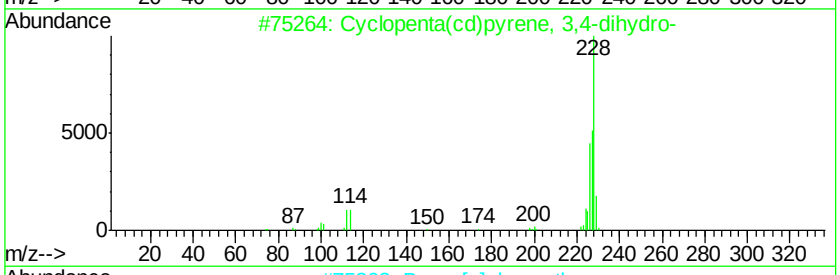
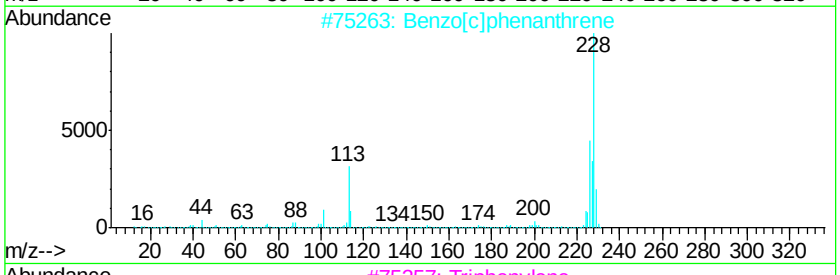
Peak Number 16 unknown15.90 Concentration Rank 11

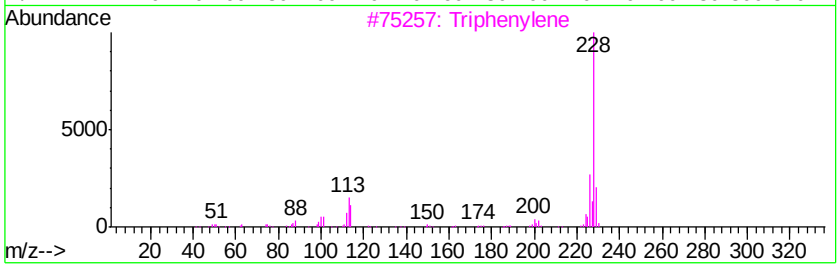
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.00 ng	237510	Chrysene-d12	16.19

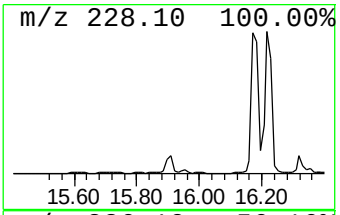
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
3	Triphenylene	228	C18H12	000217-59-4	37
4	3-Bromo-7-methylbenzo(b)thiophene	226	C9H7BrS	001500-71-6	27
5	3,6-Phenanthrenedicarbonitrile	228	C16H8N2	018930-78-4	27

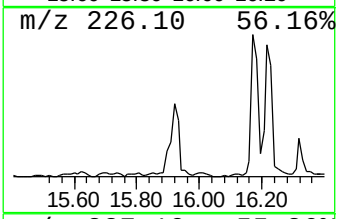


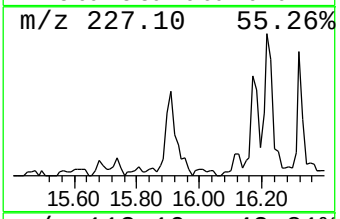


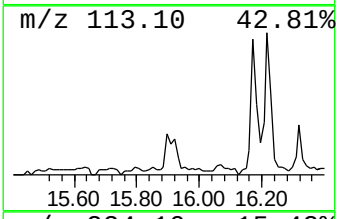


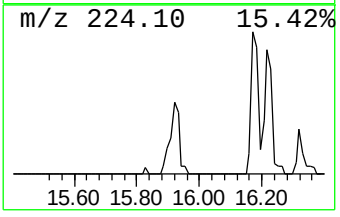












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Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

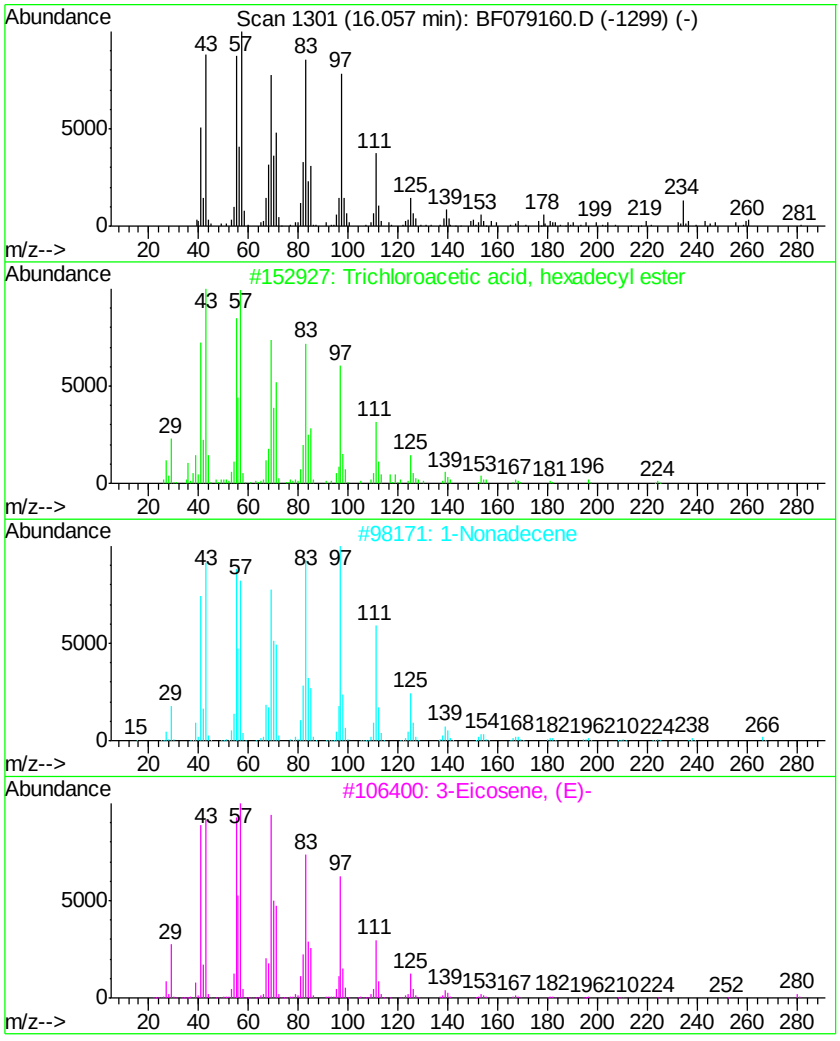
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

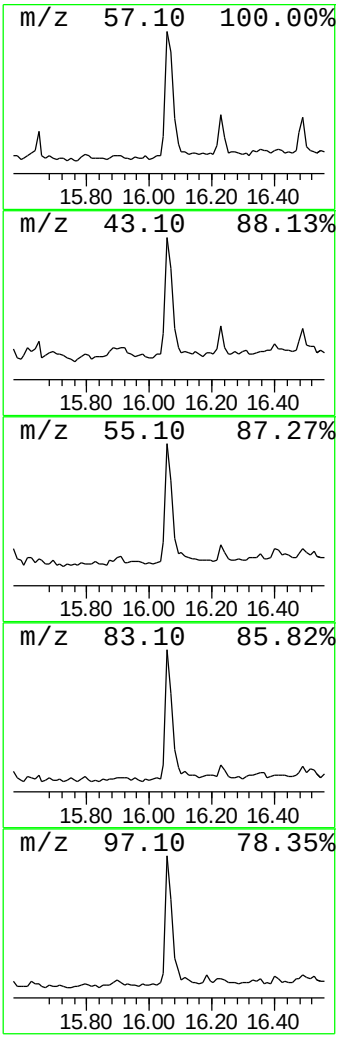
****

Peak Number 17 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.83 ng	286604	Chrysene-d12	16.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87





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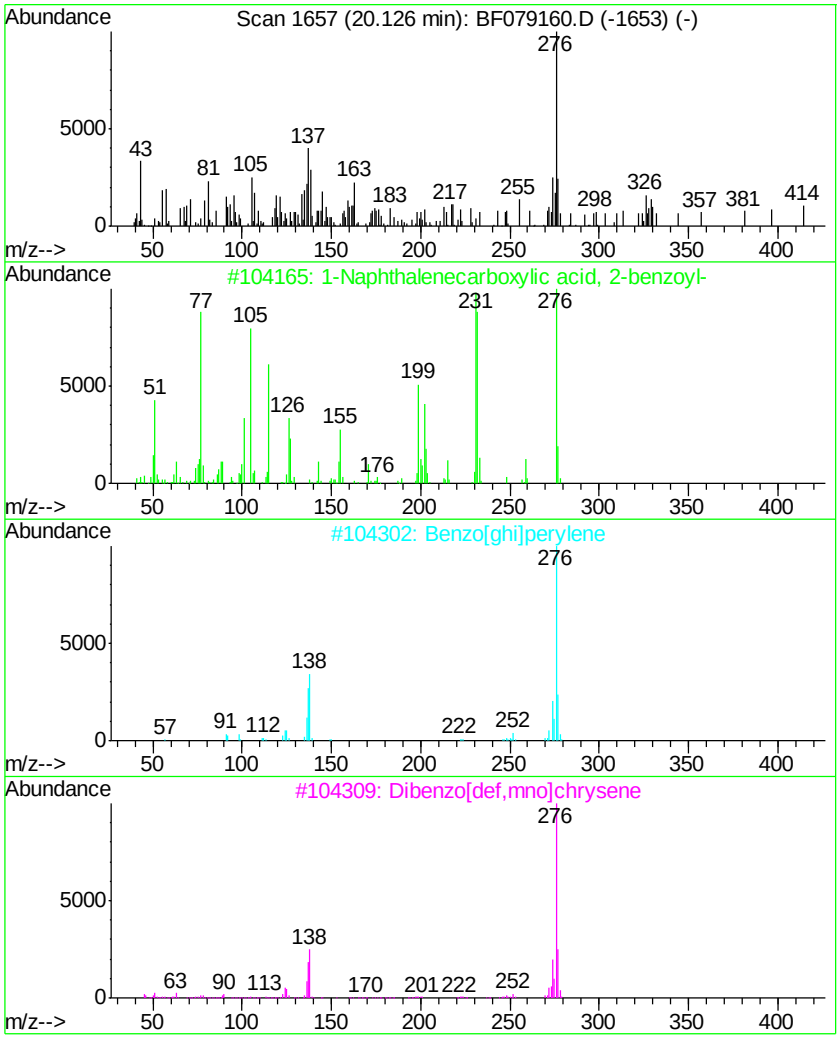
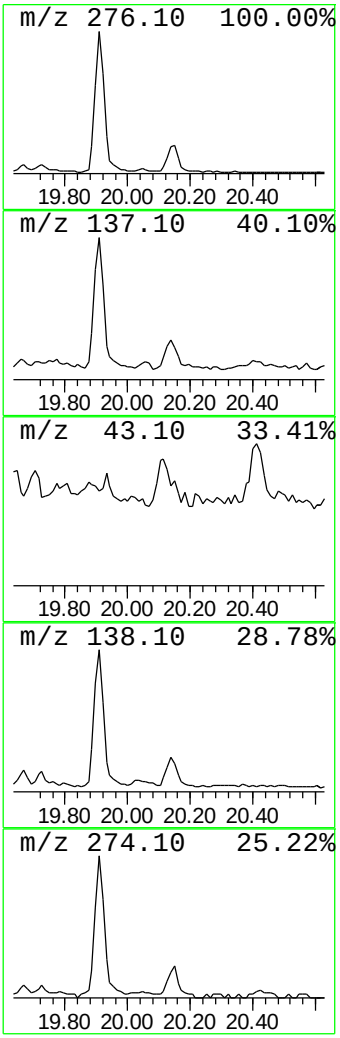
Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	7.42 ng	350714	Perylene-d12	18.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	94
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	55
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	50
5	Indophenol	276	C18H16N2O	000132-31-0	43





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Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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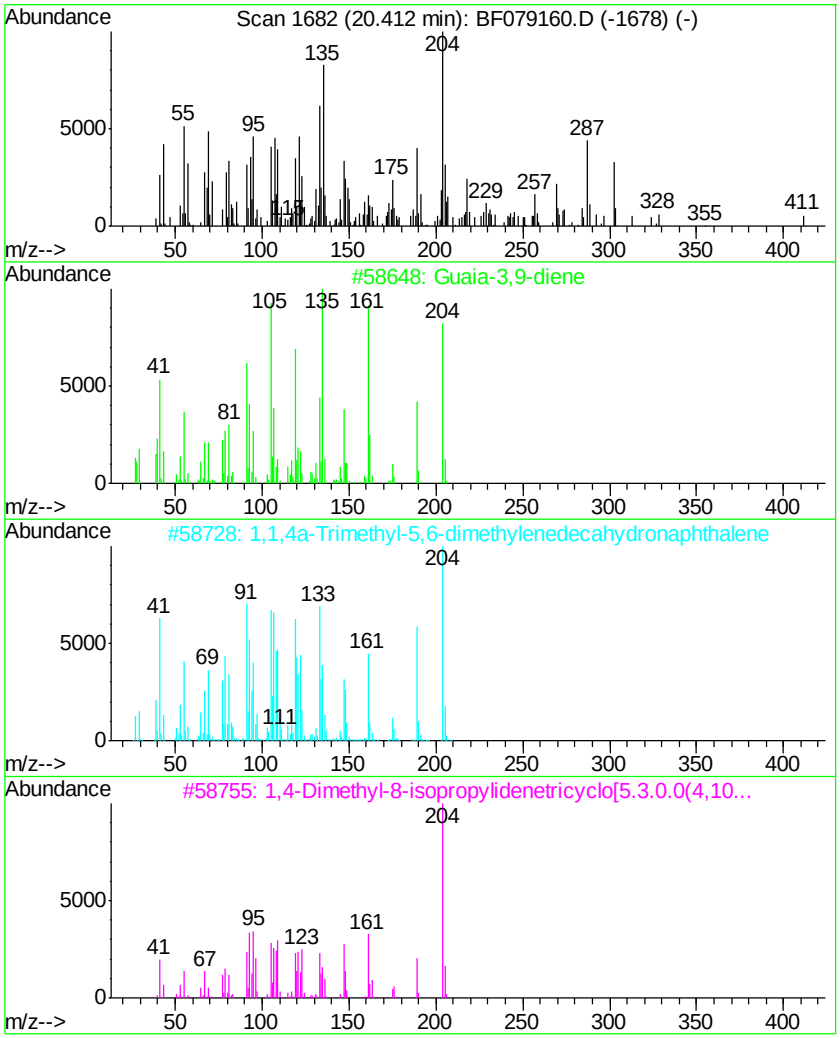
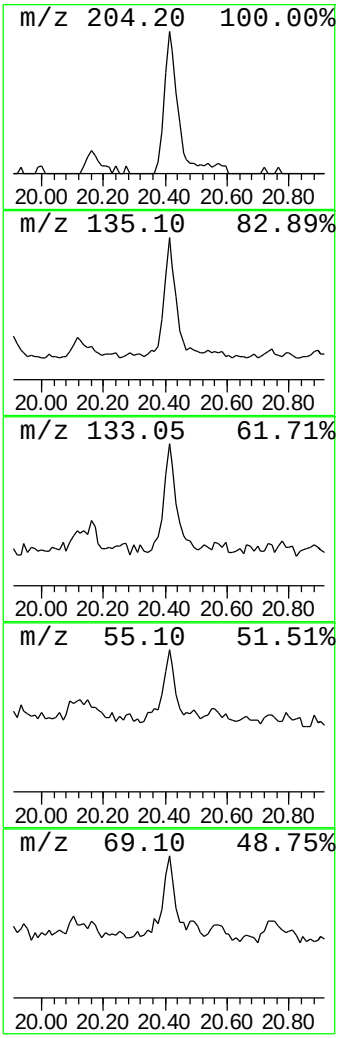
Peak Number 20 Guaia-3,9-diene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	7.25 ng	342742	Perylene-d12	18.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guaia-3,9-diene	204	C15H24	000489-83-8	52
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	46
4	(-)-Caryophyllene-(I1)	204	C15H24	1000156-13-1	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079160.D
Acq On : 12 May 2015 16:24
Operator : TP/IZ
Sample : G2155-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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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...	1.43	26.0	ng	494157	1	7.28	380415	20.0
unknown1.74	1.74	24.5	ng	466741	1	7.28	380415	20.0
2-Pentanone, 4-hy...	5.07	2.8	ng	52601	1	7.28	380415	20.0
unknown6.99	6.99	56.9	ng	1082100	1	7.28	380415	20.0
unknown13.63	13.63	3.6	ng	124478	4	12.88	682114	20.0
9,10-Anthracenedione	13.90	2.7	ng	93066	4	12.88	682114	20.0
Phenanthrene, 3,6...	14.19	2.3	ng	77793	4	12.88	682114	20.0
11H-Benzo[b]fluorene	15.09	3.1	ng	183256	5	16.19	1186940	20.0
9-Octadecenamide,...	15.51	2.8	ng	164414	5	16.19	1186940	20.0
11H-Benzo[a]fluor...	15.71	2.4	ng	142630	5	16.19	1186940	20.0
unknown15.90	15.90	4.0	ng	237510	5	16.19	1186940	20.0
Trichloroacetic a...	16.06	4.8	ng	286604	5	16.19	1186940	20.0
1-Naphthalenecarb...	20.13	7.4	ng	350714	6	18.01	945261	20.0
Guaia-3,9-diene	20.41	7.3	ng	342742	6	18.01	945261	20.0