LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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	1.324	9	12	15	rVB2	94978	156394	3.45%	0.440%
2	1.484	23	26	29	rVB	114141	175074	3.86%	0.493%
3	1.610	35	37	45	rVB	119312	206992	4.57%	0.583%
4	1.713	45	46	85	rVB	2355544	4530769	100.00%	12.758%
5	4.787	314	315	323	rVB	44309	69877	1.54%	0.197%
6	5.347	361	364	376	rBV	714156	870741	19.22%	2.452%
7	6.627	473	476	477	rBV	160429	269488	5.95%	0.759%
8	6.650	477	478	486	rVV	883157	874856	19.31%	2.463%
9	6.765	486	488	491	rVV	670417	964499	21.29%	2.716%
10	7.050	511	513	516	rBV	473842	427132	9.43%	1.203%
11	7.233	527	529	531	rBV	730572	705877	15.58%	1.988%
12	7.748	572	574	577	rBV	362643	324155	7.15%	0.913%
13	8.376	617	629	638	rBV	48676	193564	4.27%	0.545%
14	8.628	649	651	653	rBV	696548	627428	13.85%	1.767%
15	8.868	666	672	677	rBV	15219	56856	1.25%	0.160%
16	9.873	757	760	763	rBV	93512	98876	2.18%	0.278%
17	9.976	767	769	771	rBV	1324276	1143943	25.25%	3.221%
18	10.491	811	814	816	rBV	51448	72719	1.61%	0.205%
19	10.628	823	826	828	rBV	43850	66403	1.47%	0.187%
20	10.799	836	841	843	rBV2	585352	761083	16.80%	2.143%
21	10.834	843	844	851	rVB	100665	103050	2.27%	0.290%
22	11.051	861	863	865	rBV	56661	55297	1.22%	0.156%
23	11.474	898	900	902	rBV	101088	95971	2.12%	0.270%
24	11.782	924	927	930	rBV	281282	408436	9.01%	1.150%
25	11.931	938	940	942	rVB2	25021	46929	1.04%	0.132%
26	12.354	973	977	980	rBV4	26092	77881	1.72%	0.219%
27	12.399	980	981	983	rVB	52375	45529	1.00%	0.128%
28	12.445	983	985	988	rBV2	74117	136728	3.02%	0.385%
29	12.502	988	990	992	rVB	59781	53671	1.18%	0.151%
30	12.628	999	1001	1003	rBV	482135	791417	17.47%	2.229%
31	12.662	1003	1004	1007	rVV	1182111	952560	21.02%	2.682%
32	12.731	1007	1010	1012	rVV	257068	337765	7.45%	0.951%
33	12.777	1012	1014	1017	rVB3	27274	57720	1.27%	0.163%
34	12.937	1027	1028	1031	rBV	55755	83343	1.84%	0.235%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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	13.051	1036	1038	1044	rVB6	20270	65822	1.45%	0.185%
36	13.257	1054	1056	1058	rBV	113839	150874	3.33%	0.425%
37	13.291	1058	1059	1062	rVB	163814	203905	4.50%	0.574%
38	13.360	1062	1065	1066	rBV	98940	176640	3.90%	0.497%
39	13.394	1066	1068	1069	rVV	277051	325877	7.19%	0.918%
40	13.428	1069	1071	1075	rVB2	119260	184088	4.06%	0.518%
41	13.634	1087	1089	1091	rBV	102034	124302	2.74%	0.350%
42	13.668	1091	1092	1094	rVB	67035	54320	1.20%	0.153%
43	13.817	1104	1105	1107	rVV	41590	52782	1.16%	0.149%
44	13.908	1110	1113	1115	rVV2	69118	125050	2.76%	0.352%
45	13.942	1115	1116	1118	rVV	93246	129459	2.86%	0.365%
46	13.988	1118	1120	1124	rVV2	72460	162993	3.60%	0.459%
47	14.045	1124	1125	1128	rVB2	85190	126837	2.80%	0.357%
48	14.137	1130	1133	1135	rVV	1691304	1669830	36.86%	4.702%
49	14.217	1138	1140	1142	rBV2	60250	88502	1.95%	0.249%
50	14.251	1142	1143	1146	rVB2	42914	56983	1.26%	0.160%
51	14.320	1146	1149	1150	rBV	95233	117328	2.59%	0.330%
52	14.411	1154	1157	1159	rVV	1330983	1706862	37.67%	4.806%
53	14.480	1162	1163	1168	rVB2	59141	114051	2.52%	0.321%
54	14.571	1169	1171	1173	rBV	81517	107357	2.37%	0.302%
55	14.628	1173	1176	1179	rVB	1155014	1214459	26.80%	3.420%
56	14.708	1179	1183	1188	rBV4	105660	276735	6.11%	0.779%
57	14.800	1188	1191	1192	rBV2	88179	173863	3.84%	0.490%
58	14.834	1192	1194	1196	rVB	197211	231984	5.12%	0.653%
59	14.914	1199	1201	1203	rBV	115210	137242	3.03%	0.386%
60	14.960	1203	1205	1210	rVB	188410	278777	6.15%	0.785%
61	15.040	1210	1212	1213	rBV2	37341	52238	1.15%	0.147%
62	15.074	1213	1215	1216	rVB	70422	87208	1.92%	0.246%
63	15.120	1216	1219	1221	rBV2	121459	206673	4.56%	0.582%
64	15.200	1224	1226	1230	rBV4	32934	85248	1.88%	0.240%
65	15.268	1230	1232	1234	rVB	99053	113504	2.51%	0.320%
66	15.337	1234	1238	1239	rBV4	41129	76463	1.69%	0.215%
67	15.371	1239	1241	1243	rVB	43587	46684	1.03%	0.131%
68	15.463	1246	1249	1255	rBV2	100665	225486	4.98%	0.635%
69	15.600	1258	1261	1263	rBV	164048	205262	4.53%	0.578%
70	15.634	1263	1264	1268	rBV2	108228	217097	4.79%	0.611%
71	15.691	1268	1269	1271	rVB2	65313	67965	1.50%	0.191%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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	15.737	1271	1273	1275	rVB	112161	151790	3.35%	0.427%
73	15.806	1276	1279	1282	rBV2	161261	277721	6.13%	0.782%
74	15.908	1282	1288	1290	rBV2	1050140	1960723	43.28%	5.521%
75	15.954	1290	1292	1294	rVV	654424	855394	18.88%	2.409%
76	16.046	1297	1300	1302	rBV	128967	142575	3.15%	0.401%
77	16.080	1302	1303	1307	rBV4	59529	76524	1.69%	0.215%
78	16.183	1310	1312	1314	rVB	116294	118036	2.61%	0.332%
79	16.228	1314	1316	1317	rBV	100161	126223	2.79%	0.355%
80	16.366	1326	1328	1330	rBV2	68981	118810	2.62%	0.335%
81	16.423	1330	1333	1335	rVV	164156	229085	5.06%	0.645%
82	16.468	1335	1337	1339	rBV	59320	97419	2.15%	0.274%
83	16.537	1341	1343	1345	rVB	75281	76193	1.68%	0.215%
84	16.571	1345	1346	1348	rBV2	53489	97465	2.15%	0.274%
85	16.686	1354	1356	1360	rVB	65250	100050	2.21%	0.282%
86	16.983	1379	1382	1384	rBV2	130304	247062	5.45%	0.696%
87	17.223	1400	1403	1409	rBV	785516	1675614	36.98%	4.718%
88	17.337	1412	1413	1416	rVB	145357	196877	4.35%	0.554%
89	17.543	1429	1431	1435	rBV	466575	584644	12.90%	1.646%
90	17.611	1435	1437	1440	rBV	734834	857345	18.92%	2.414%
91	17.669	1440	1442	1444	rBV	483673	683471	15.09%	1.925%
92	19.029	1557	1561	1566	rVB2	352300	785633	17.34%	2.212%
93	19.189	1573	1575	1577	rBV	90054	180906	3.99%	0.509%
94	19.417	1592	1595	1599	rVB	311443	590096	13.02%	1.662%

Sum of corrected areas: 35513429

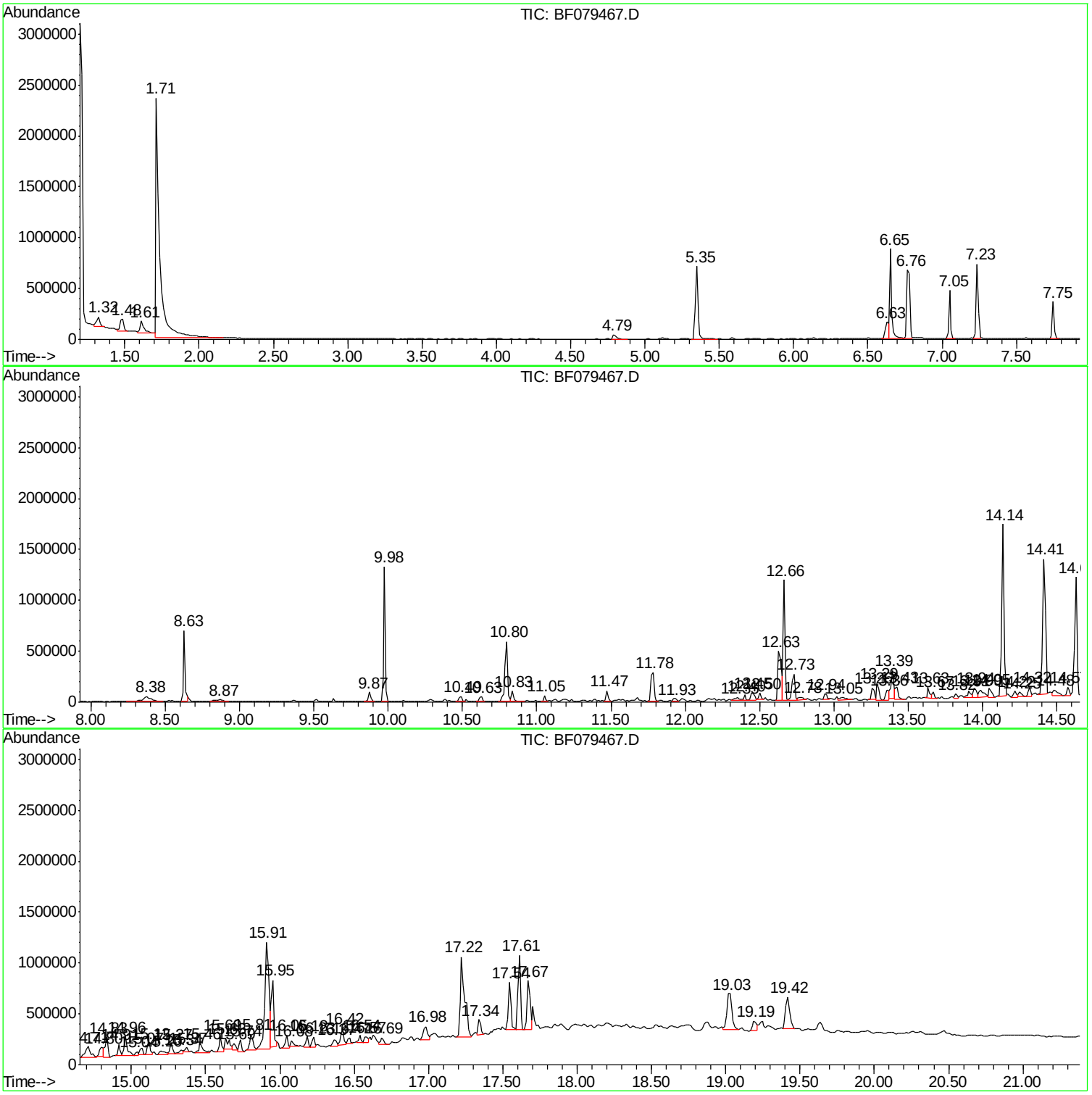
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30S

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\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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

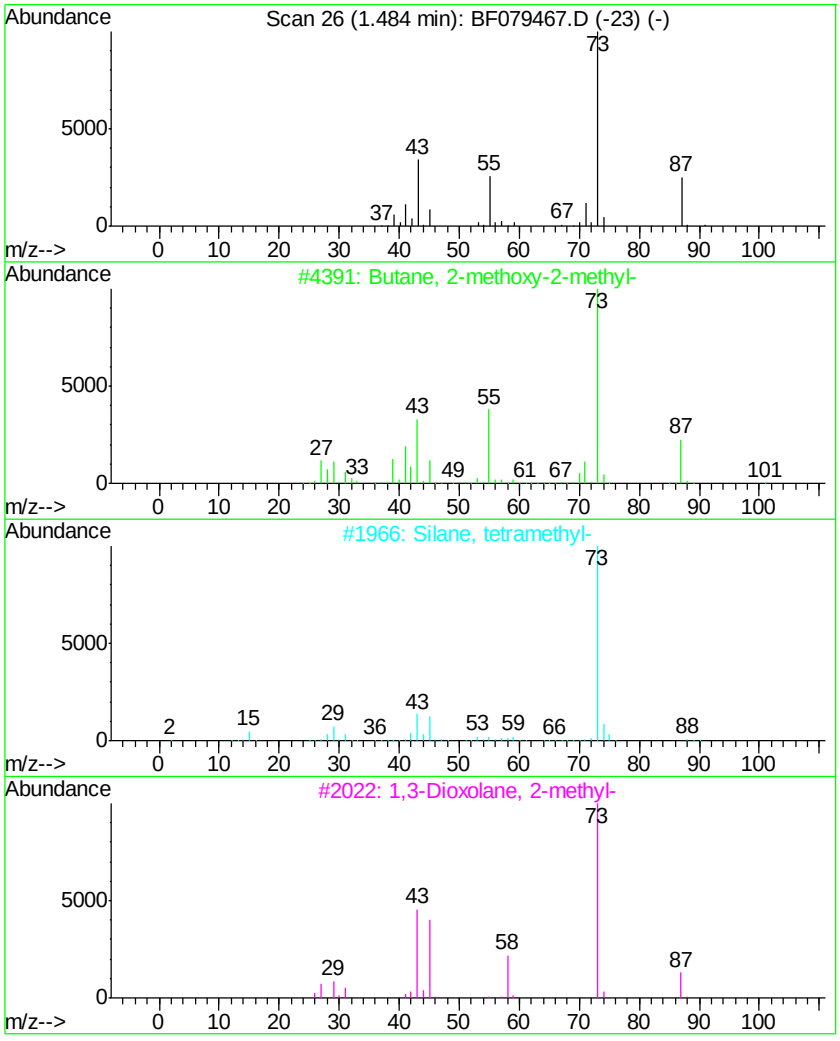
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

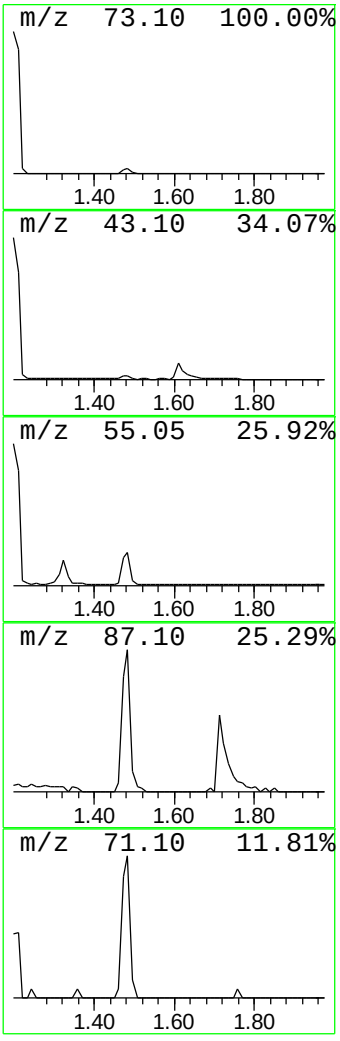
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	8.20 ng	175074	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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

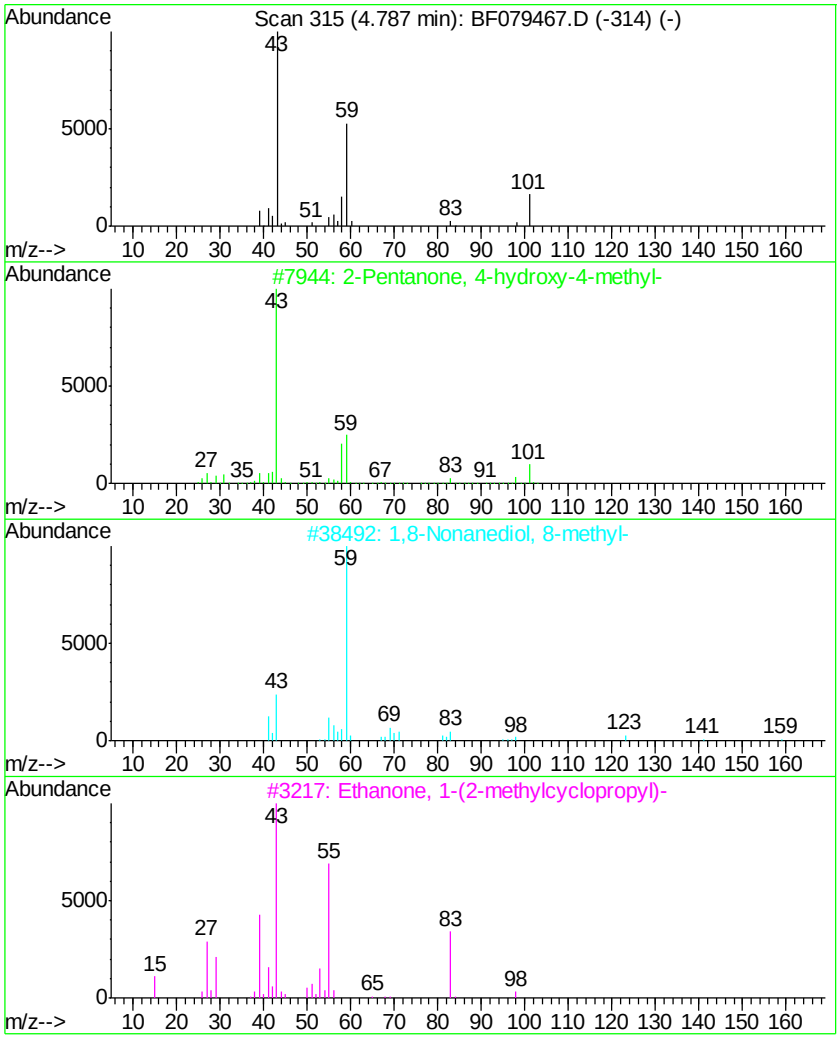
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

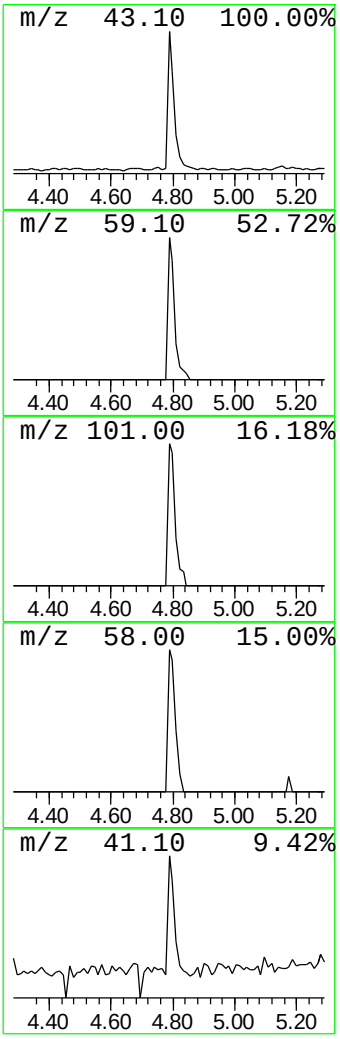
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.27 ng	69877	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9





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Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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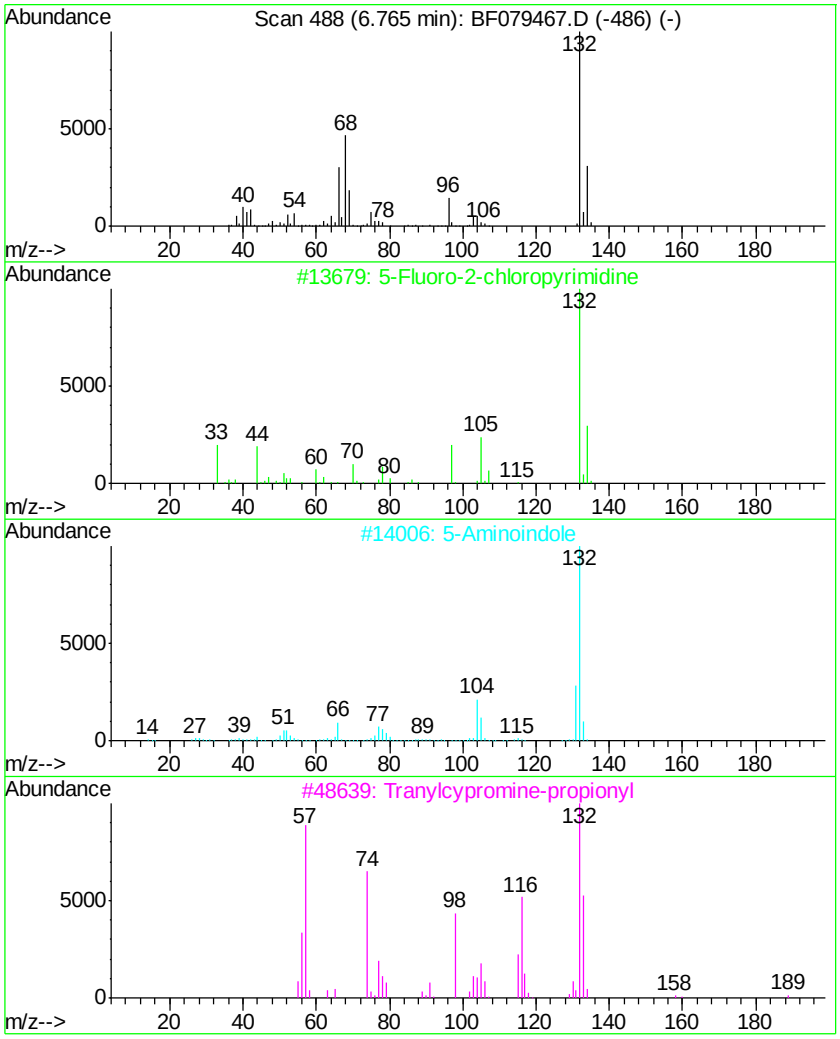
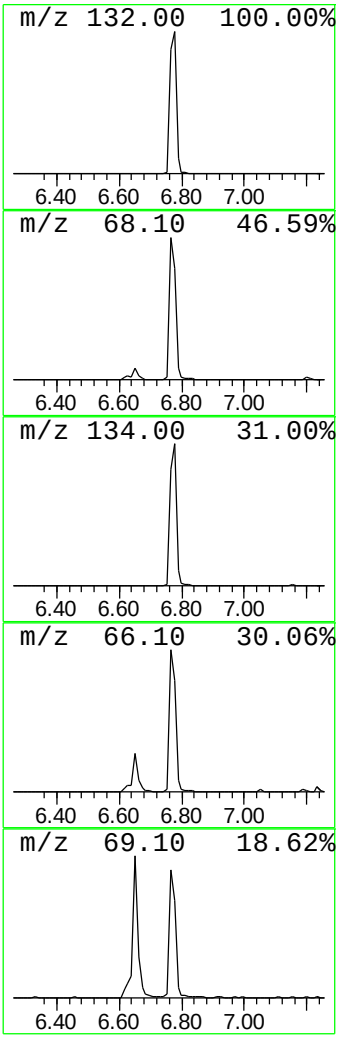
Peak Number 6 unknown6.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	45.16 ng	964499	1,4-Dichlorobenzene-d4	7.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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

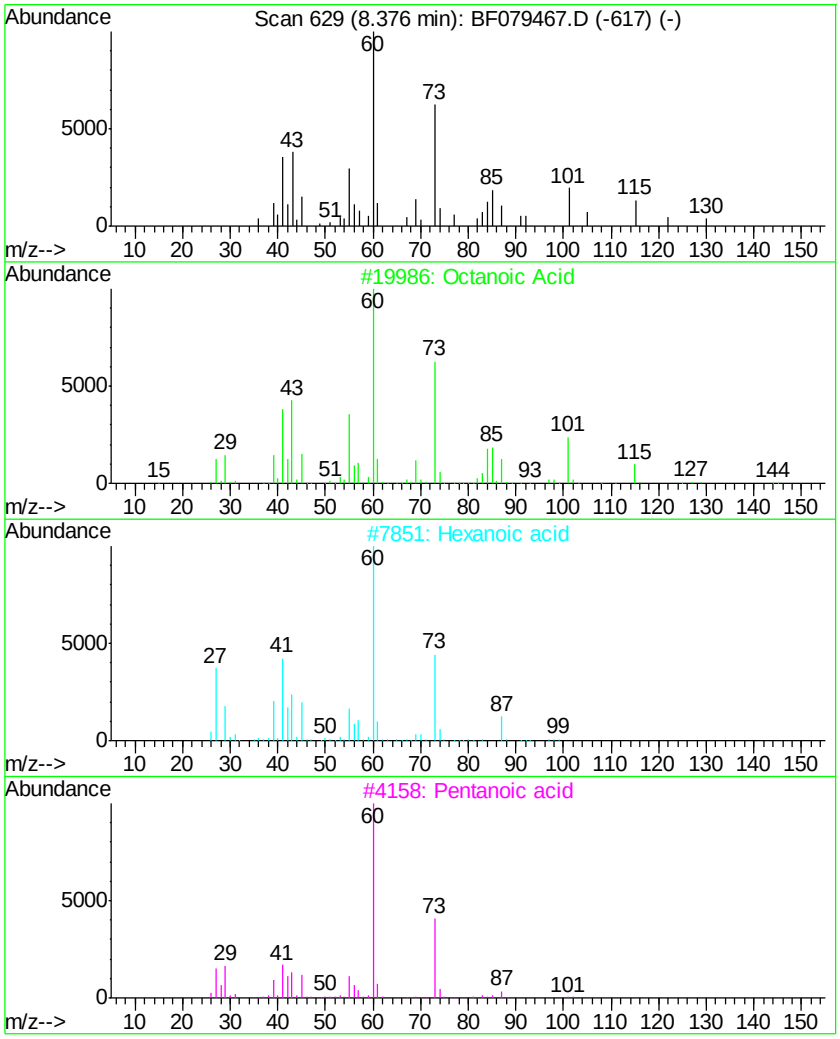
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

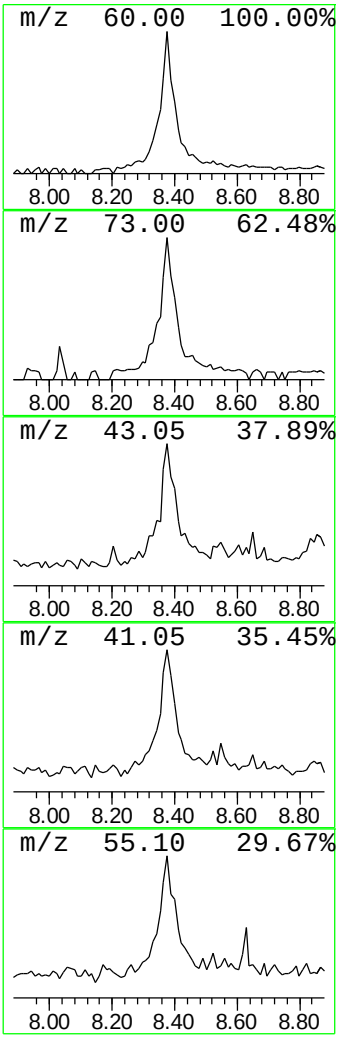
****

Peak Number 8 Octanoic Acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	6.17 ng	193564	Naphthalene-d8	8.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	91
2	Hexanoic acid	116	C6H12O2	000142-62-1	53
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
5	Heptanoic acid	130	C7H14O2	000111-14-8	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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

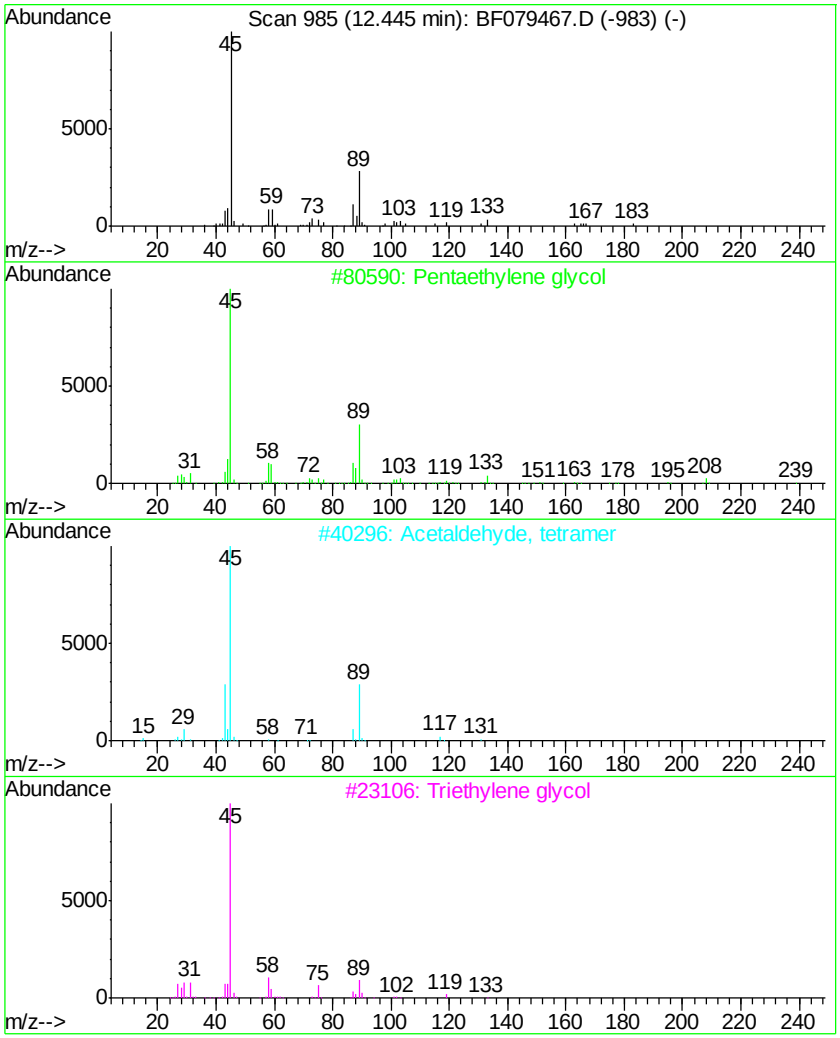
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

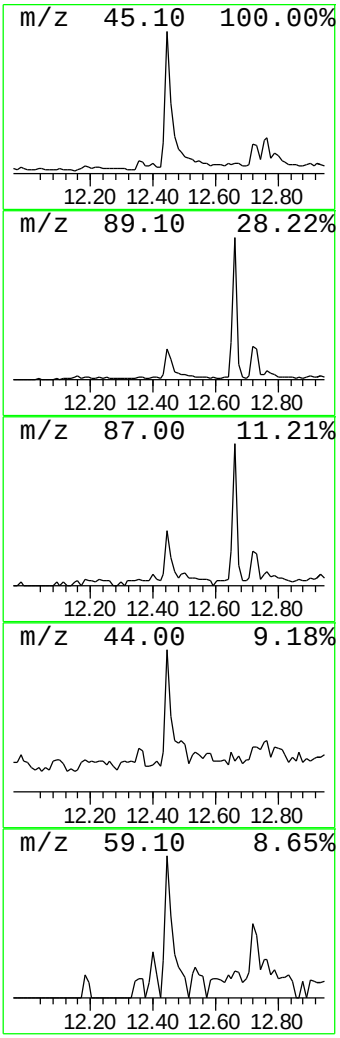
****

Peak Number 9 Pentaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.46 ng	136728	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	90
2	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	72
3	Triethylene glycol	150	C6H14O4	000112-27-6	64
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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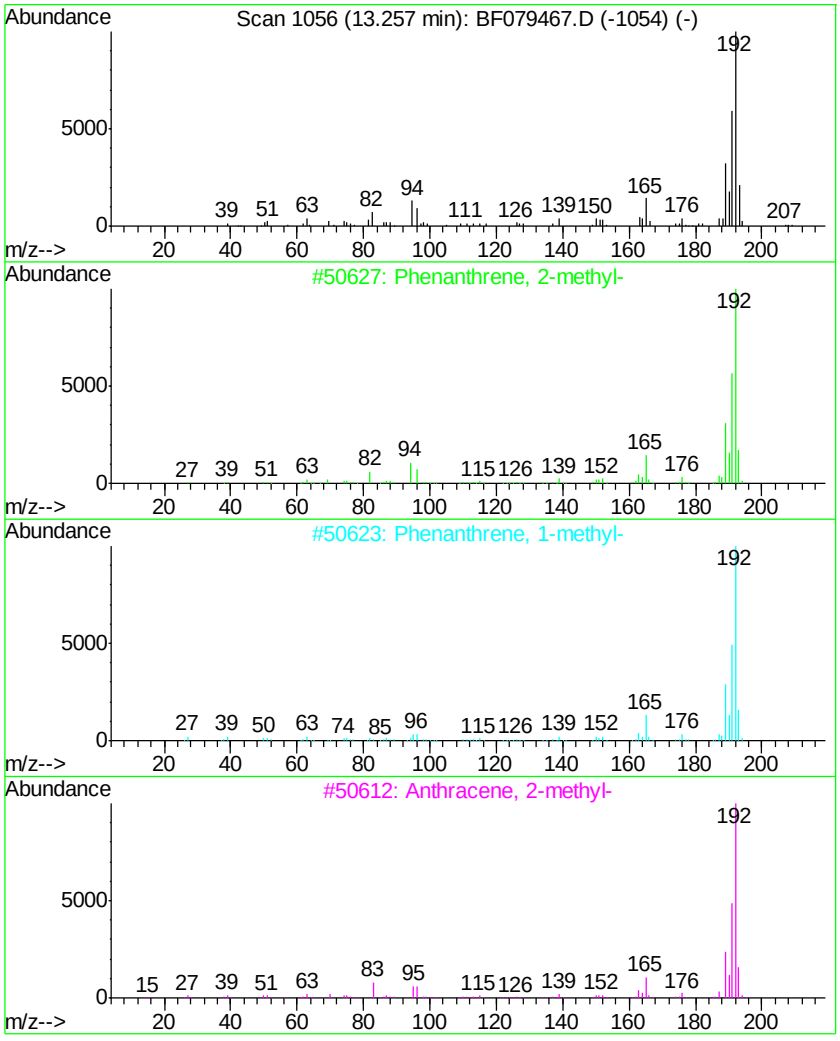
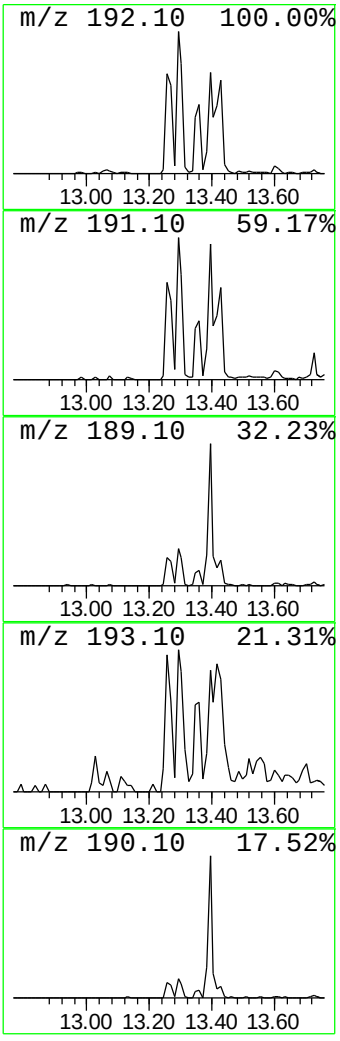
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.81 ng	150874	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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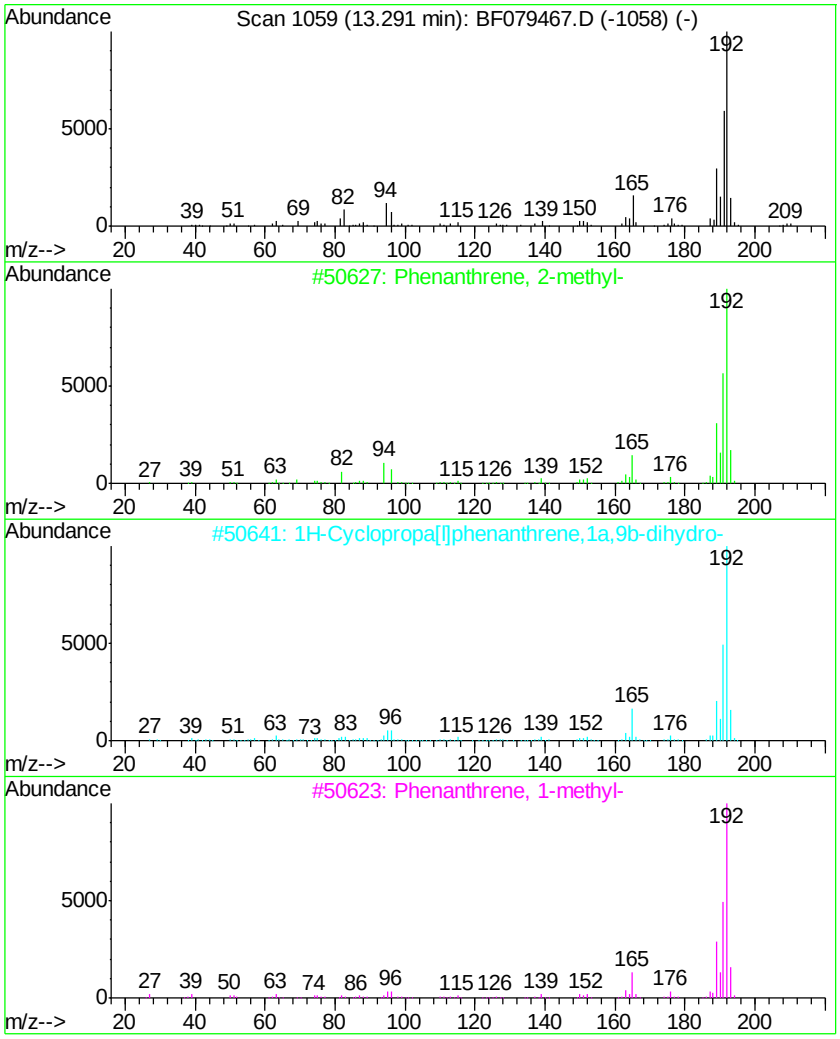
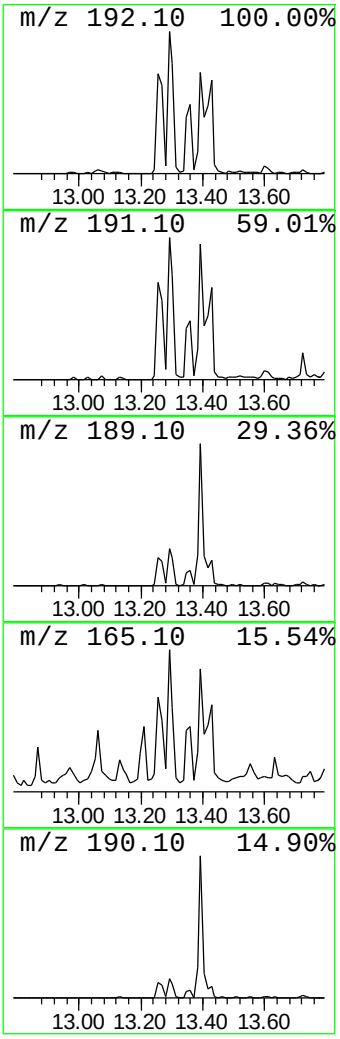
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.15 ng	203905	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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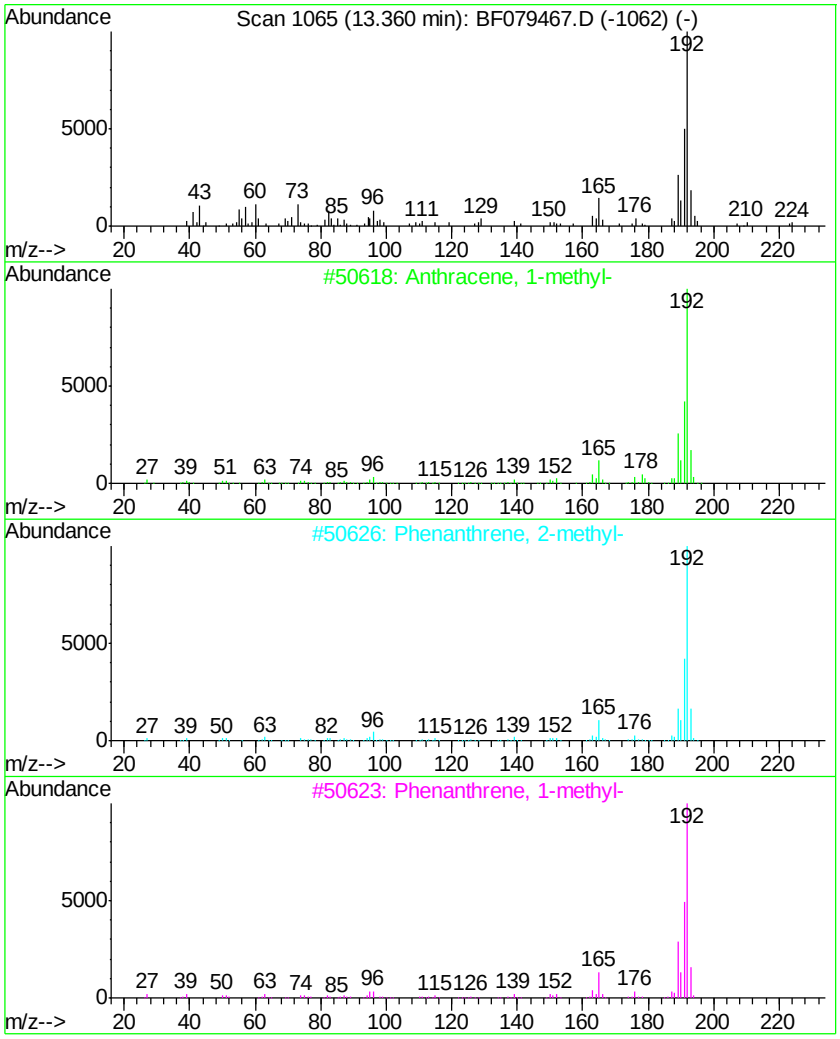
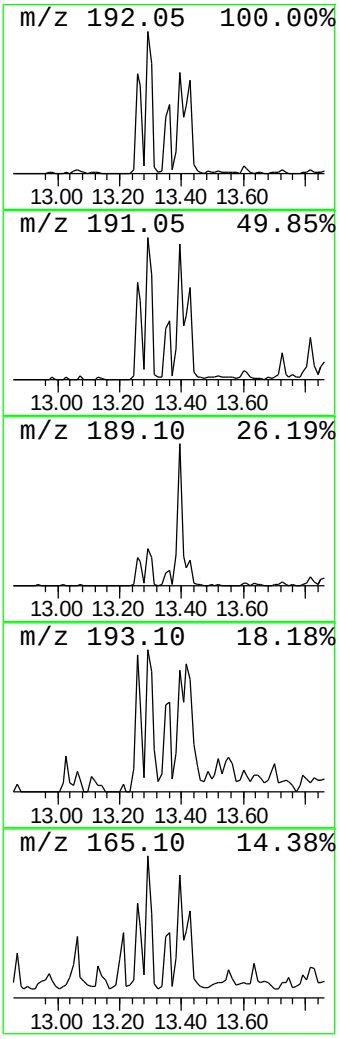
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.46 ng	176640	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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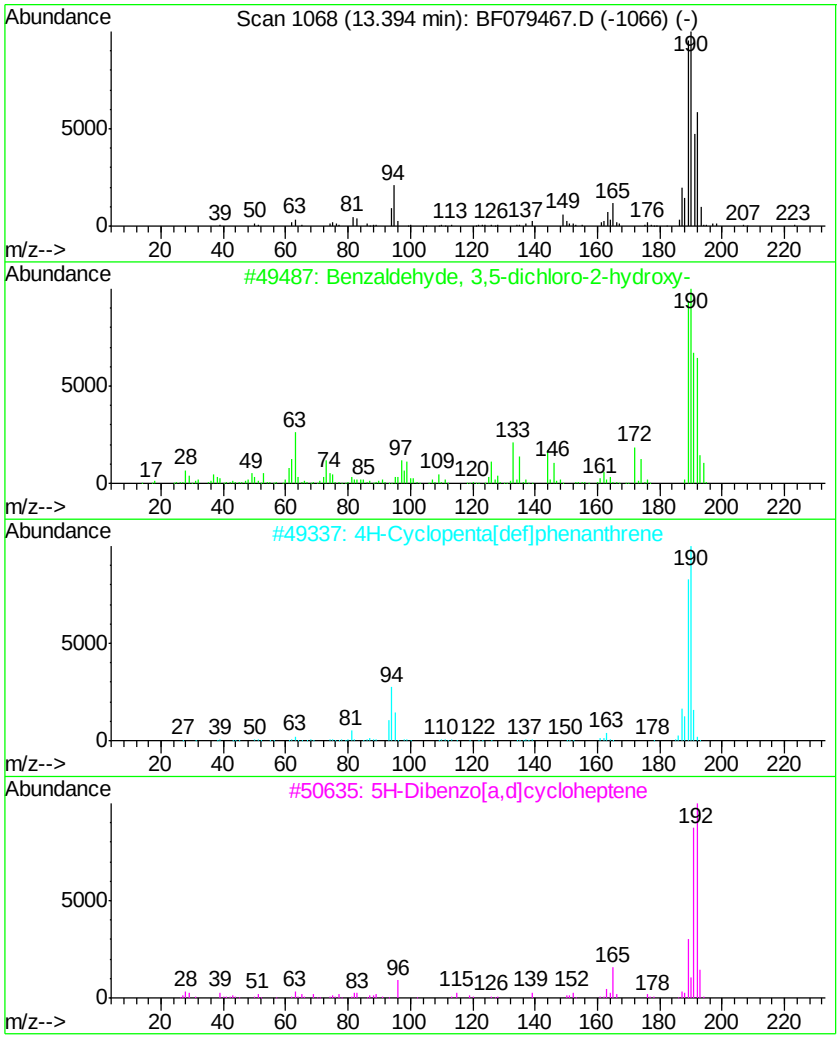
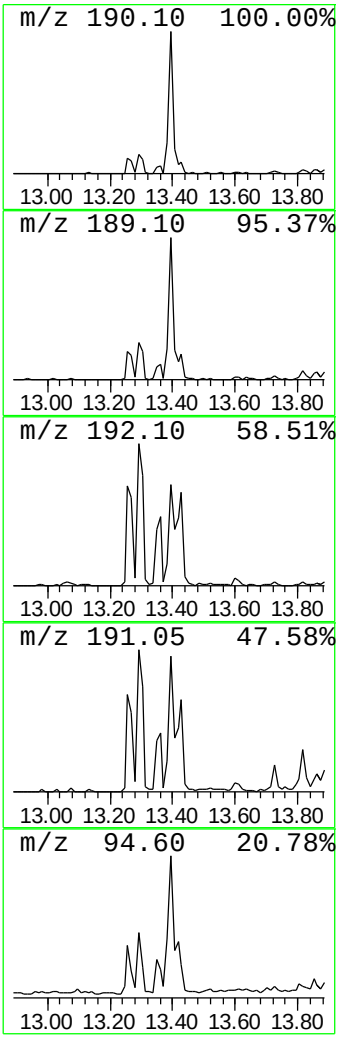
Peak Number 13 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.24 ng	325877	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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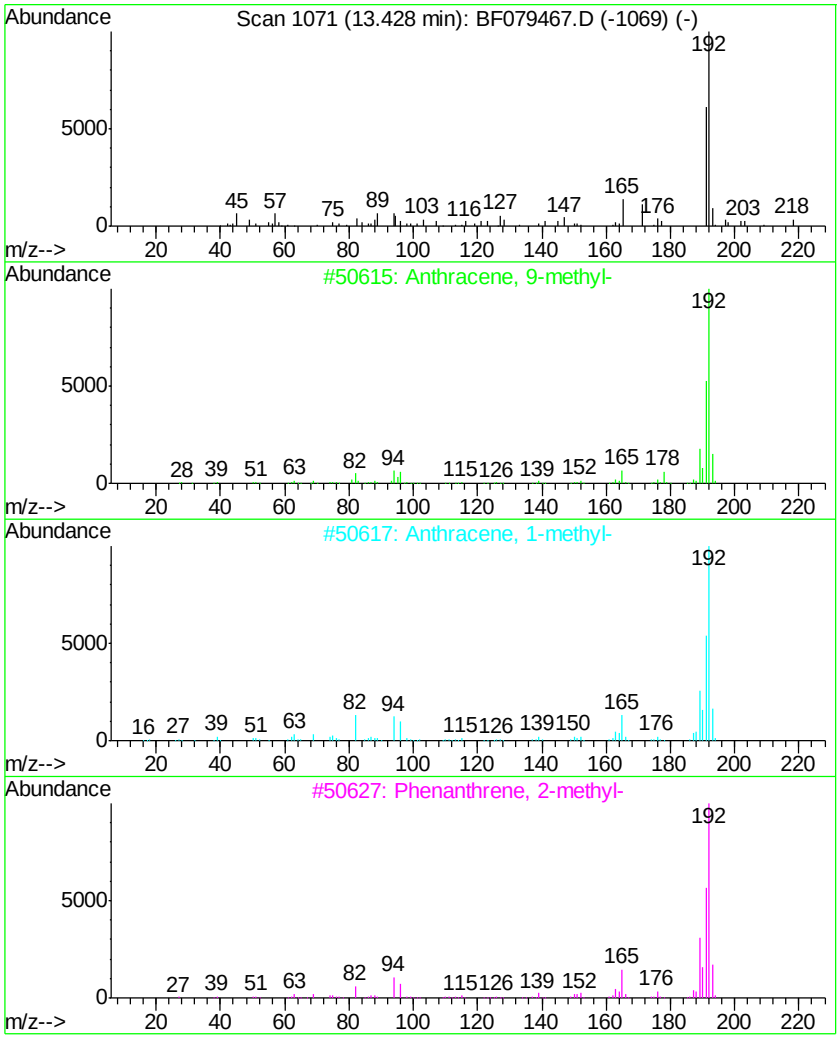
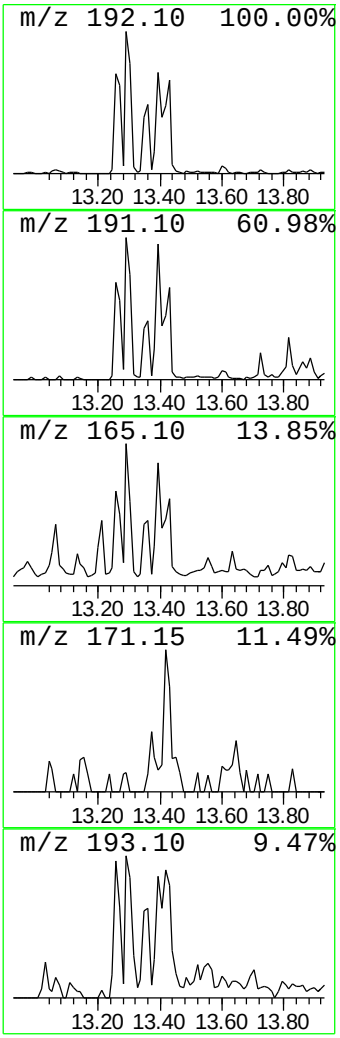
Peak Number 14 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.65 ng	184088	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	53





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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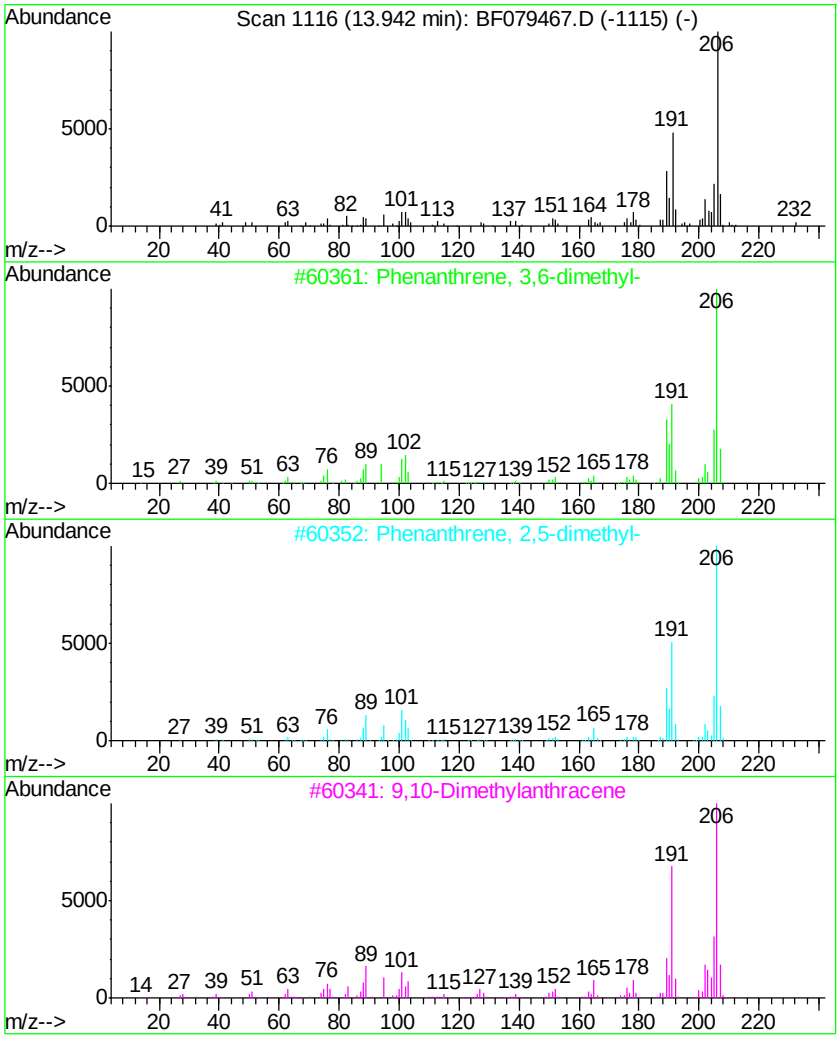
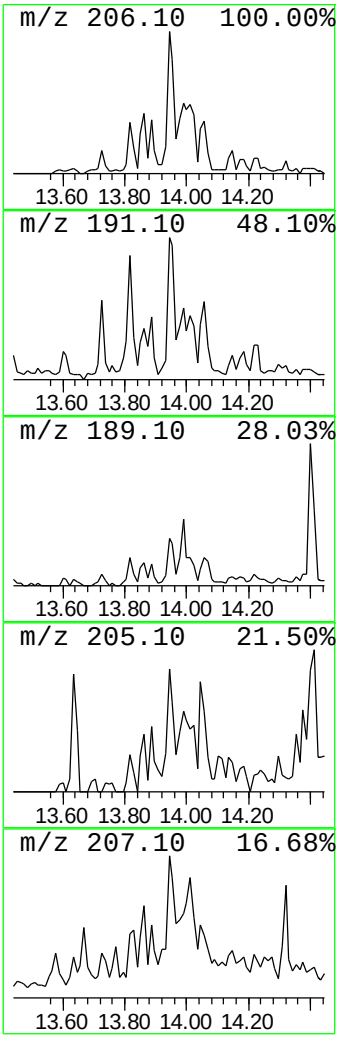
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.27 ng	129459	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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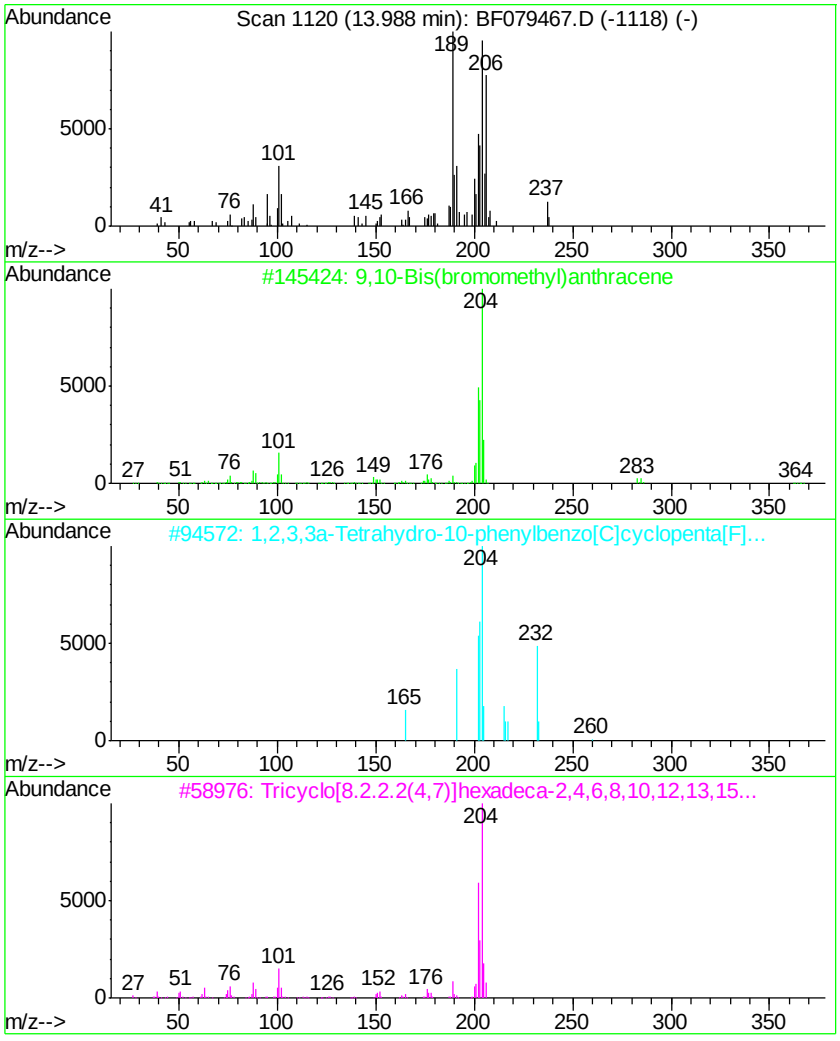
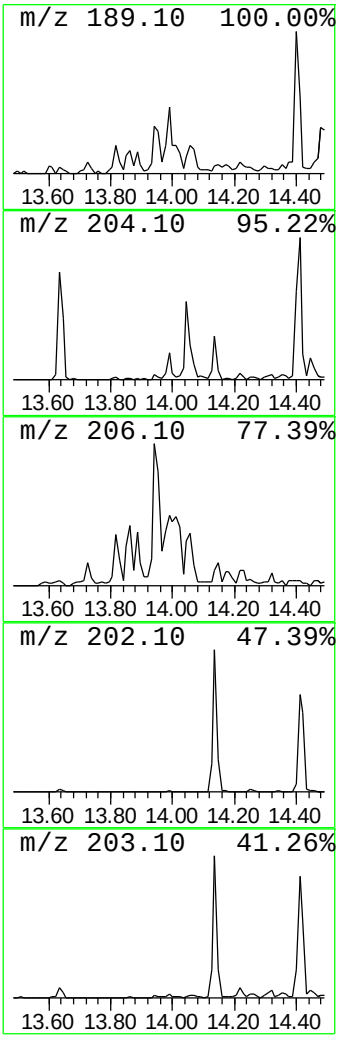
Peak Number 16 unknown13.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	4.12 ng	162993	Phenanthrene-d10	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	35
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
4	2,1,3-Benzoxazole, 5,6-dichloro-...	204	C6H2Cl2N2O2	004701-01-3	30
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27





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Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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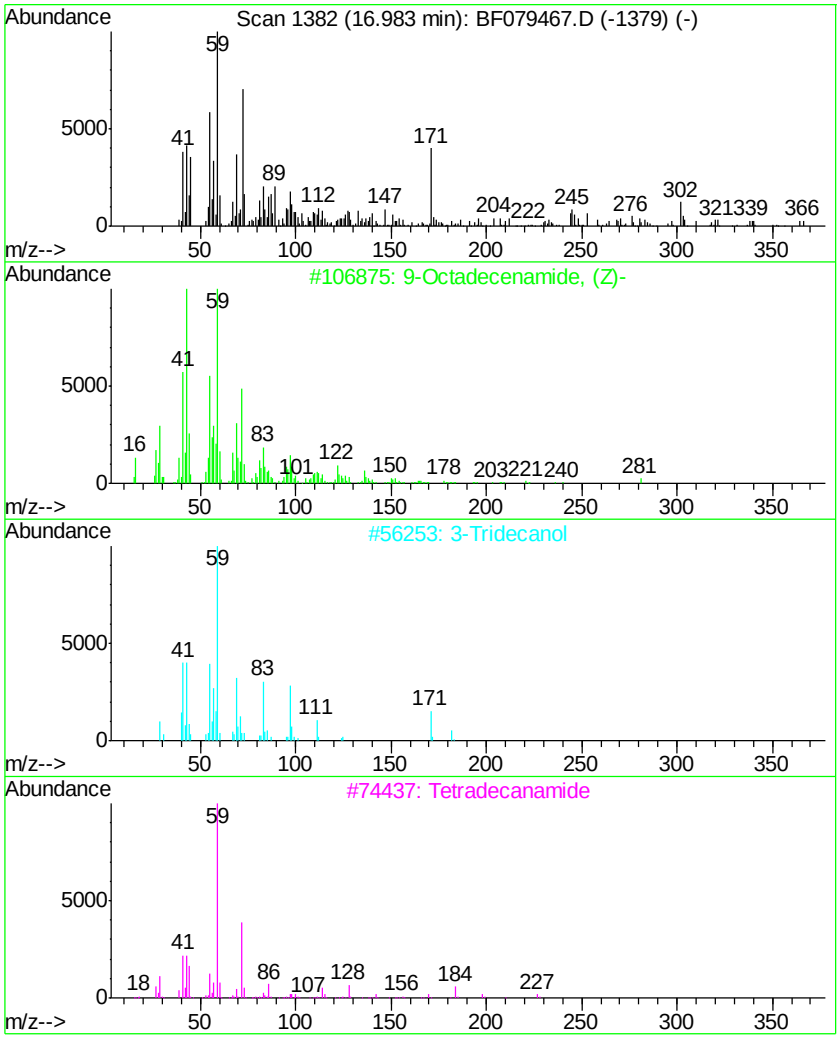
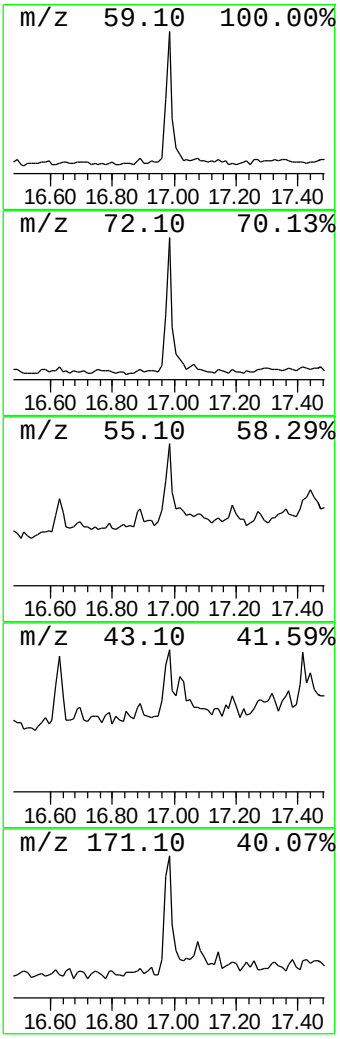
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	7.23 ng	247062	Perylene-d12	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
2	3-Tridecanol	200	C13H28O	010289-68-6	43
3	Tetradecanamide	227	C14H29NO	000638-58-4	43
4	Decanamide-	171	C10H21NO	002319-29-1	35
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	27





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Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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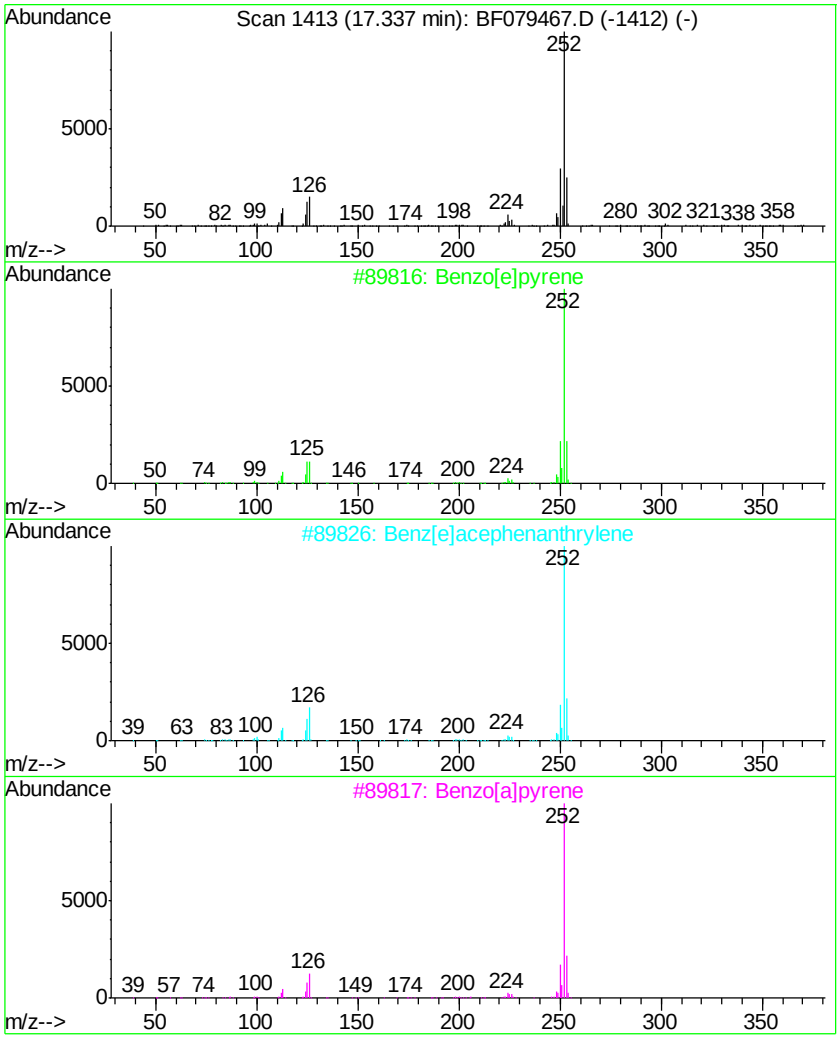
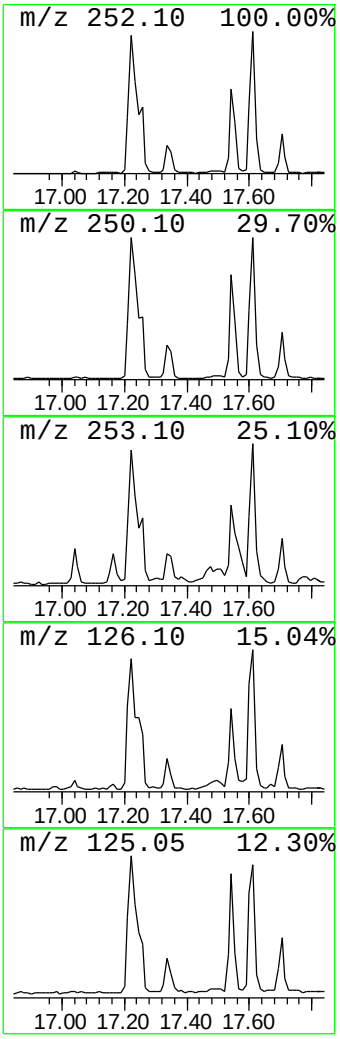
Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	5.76 ng	196877	Perylene-d12	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	87





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Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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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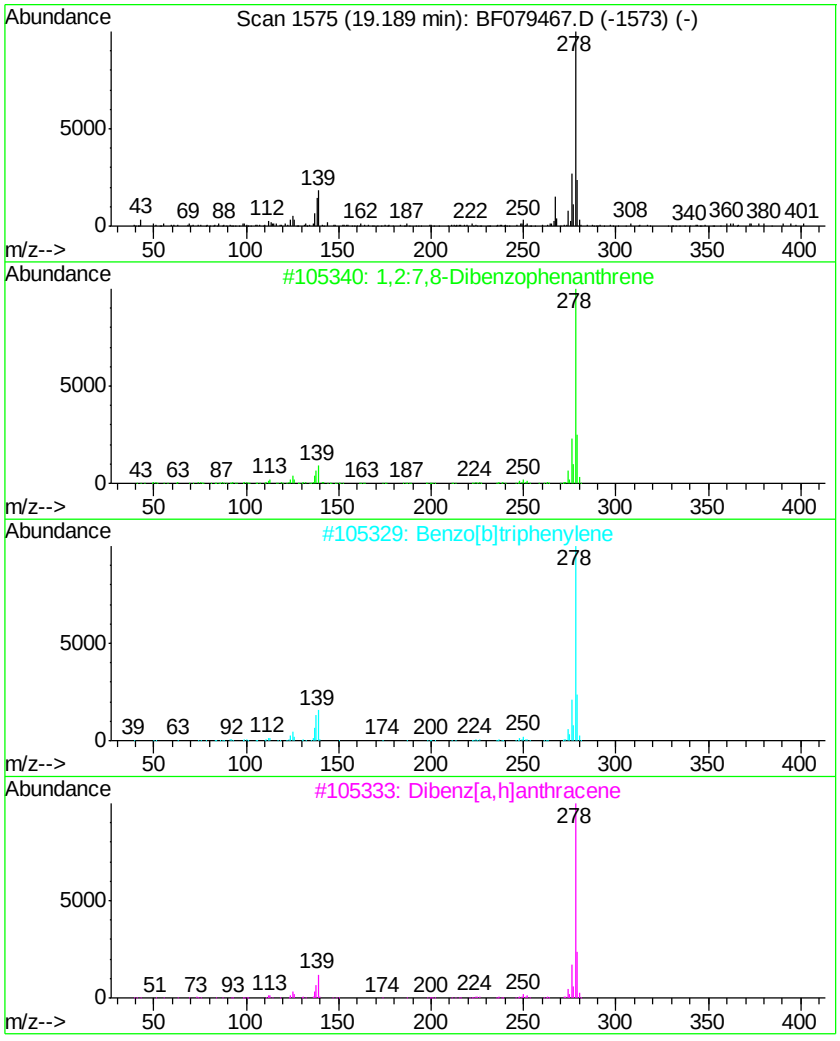
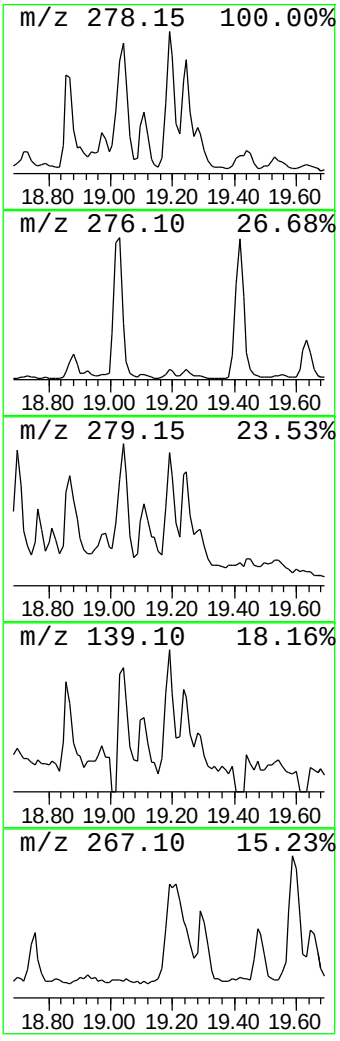
Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	5.29 ng	180906	Perylene-d12	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	96
5	Benzo[b]chrysene	278	C22H14	000214-17-5	93





Tentatively Identified Compound (LSC) summary

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Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.48	8.2	ng	175074	1	7.05	427132	20.0
2-Pentanone, 4-hy...	4.79	3.3	ng	69877	1	7.05	427132	20.0
unknown6.76	6.76	45.2	ng	964499	1	7.05	427132	20.0
Octanoic Acid	8.38	6.2	ng	193564	2	8.63	627428	20.0
Pentaethylene glycol	12.45	3.5	ng	136728	4	12.63	791417	20.0
Phenanthrene, 2-m...	13.26	3.8	ng	150874	4	12.63	791417	20.0
1H-Cyclopropa[l]p...	13.29	5.2	ng	203905	4	12.63	791417	20.0
Anthracene, 1-met...	13.36	4.5	ng	176640	4	12.63	791417	20.0
Benzaldehyde, 3,5...	13.39	8.2	ng	325877	4	12.63	791417	20.0
Anthracene, 9-met...	13.43	4.7	ng	184088	4	12.63	791417	20.0
Phenanthrene, 3,6...	13.94	3.3	ng	129459	4	12.63	791417	20.0
unknown13.99	13.99	4.1	ng	162993	4	12.63	791417	20.0
9-Octadecenamide,...	16.98	7.2	ng	247062	6	17.67	683471	20.0
Benzo[e]pyrene	17.34	5.8	ng	196877	6	17.67	683471	20.0
1,2:7,8-Dibenzoph...	19.19	5.3	ng	180906	6	17.67	683471	20.0