LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

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-BF063016.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	1.770	15	16	54	rVB	967240	2143547	100.00%	24.412%
2	4.799	279	281	284	rBB	34243	33097	1.54%	0.377%
3	5.256	319	321	324	rBV	180666	199614	9.31%	2.273%
4	6.319	412	414	417	rBV	262686	217484	10.15%	2.477%
5	6.444	423	425	427	rBB	215489	212205	9.90%	2.417%
6	6.673	443	445	447	rBB	468227	384355	17.93%	4.377%
7	6.833	457	459	461	rBB	152526	164150	7.66%	1.869%
8	7.233	492	494	497	rBB	129832	117798	5.50%	1.342%
9	7.965	555	558	560	rBV	527143	503034	23.47%	5.729%
10	9.039	649	652	654	rBB	280995	240027	11.20%	2.734%
11	9.439	685	687	689	rVB	40318	51603	2.41%	0.588%
12	9.565	696	698	701	rBB	46852	42463	1.98%	0.484%
13	9.713	708	711	712	rBV	386325	458950	21.41%	5.227%
14	10.491	777	779	781	rVB	104187	88641	4.14%	1.009%
15	10.628	787	791	794	rBB	11416	23309	1.09%	0.265%
16	11.073	828	830	835	rVB	16190	25127	1.17%	0.286%
17	11.188	837	840	844	rVV2	353113	502575	23.45%	5.724%
18	11.256	844	846	848	rVV	52084	40827	1.90%	0.465%
19	11.508	864	868	871	rVB2	14313	31103	1.45%	0.354%
20	11.679	882	883	885	rBV	55693	72910	3.40%	0.830%
21	11.714	885	886	888	rVB	78007	56315	2.63%	0.641%
22	11.759	888	890	891	rBV	25066	23060	1.08%	0.263%
23	11.794	891	893	897	rVB2	83816	130872	6.11%	1.490%
24	11.919	897	904	905	rVB2	9783	22294	1.04%	0.254%
25	12.125	919	922	924	rBV	21506	31729	1.48%	0.361%
26	12.159	924	925	929	rVB	32388	42190	1.97%	0.480%
27	12.228	929	931	933	rBV	71250	83387	3.89%	0.950%
28	12.262	933	934	937	rVB	35487	48116	2.24%	0.548%
29	12.319	937	939	943	rVB2	27875	53823	2.51%	0.613%
30	12.388	943	945	947	rBV	210059	179573	8.38%	2.045%
31	12.537	955	958	962	rBV4	9876	30719	1.43%	0.350%
32	12.617	962	965	966	rBV	204381	237062	11.06%	2.700%
33	12.674	969	970	972	rVB	20496	24924	1.16%	0.284%
34	12.765	976	978	980	rBV	167569	163288	7.62%	1.860%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

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-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.834	981	984	988	rBV3	39157	63505	2.96%	0.723%
36	12.937	990	993	995	rVB2	44062	85113	3.97%	0.969%
37	13.005	995	999	1001	rBV	27628	44791	2.09%	0.510%
38	13.039	1001	1002	1006	rVB	48370	60551	2.82%	0.690%
39	13.131	1009	1010	1012	rVB	42312	43745	2.04%	0.498%
40	13.165	1012	1013	1015	rVB	53949	42659	1.99%	0.486%
41	13.439	1034	1037	1042	rBV2	24554	54835	2.56%	0.624%
42	13.554	1045	1047	1049	rBV2	31058	51646	2.41%	0.588%
43	13.805	1066	1069	1075	rBV2	409504	566267	26.42%	6.449%
44	13.897	1075	1077	1079	rBV3	10801	21644	1.01%	0.246%
45	14.194	1098	1103	1104	rBV	50934	78492	3.66%	0.894%
46	14.228	1104	1106	1107	rVV	28036	31626	1.48%	0.360%
47	14.285	1107	1111	1112	rVV2	17611	40630	1.90%	0.463%
48	14.308	1112	1113	1117	rVV3	25570	54202	2.53%	0.617%
49	14.525	1129	1132	1134	rVB3	10571	21938	1.02%	0.250%
50	14.594	1134	1138	1140	rBV2	18940	39331	1.83%	0.448%
51	14.662	1140	1144	1147	rBV6	17740	49229	2.30%	0.561%
52	14.800	1153	1156	1159	rBV	74274	148008	6.90%	1.686%
53	14.891	1161	1164	1166	rVB	37861	39958	1.86%	0.455%
54	15.062	1176	1179	1181	rVB	47381	61090	2.85%	0.696%
55	15.108	1181	1183	1186	rVB	57535	75876	3.54%	0.864%
56	15.165	1186	1188	1190	rBV	175620	234807	10.95%	2.674%
57	15.200	1190	1191	1194	rVB2	16628	24105	1.12%	0.275%
58	15.600	1224	1226	1228	rBV	28227	41279	1.93%	0.470%
59	16.285	1283	1286	1292	rVB5	9415	28580	1.33%	0.325%
60	16.434	1297	1299	1303	rVB2	20394	35269	1.65%	0.402%
61	16.811	1329	1332	1339	rVB	18733	39369	1.84%	0.448%
62	17.131	1357	1360	1363	rBV2	10167	22147	1.03%	0.252%

Sum of corrected areas: 8780863

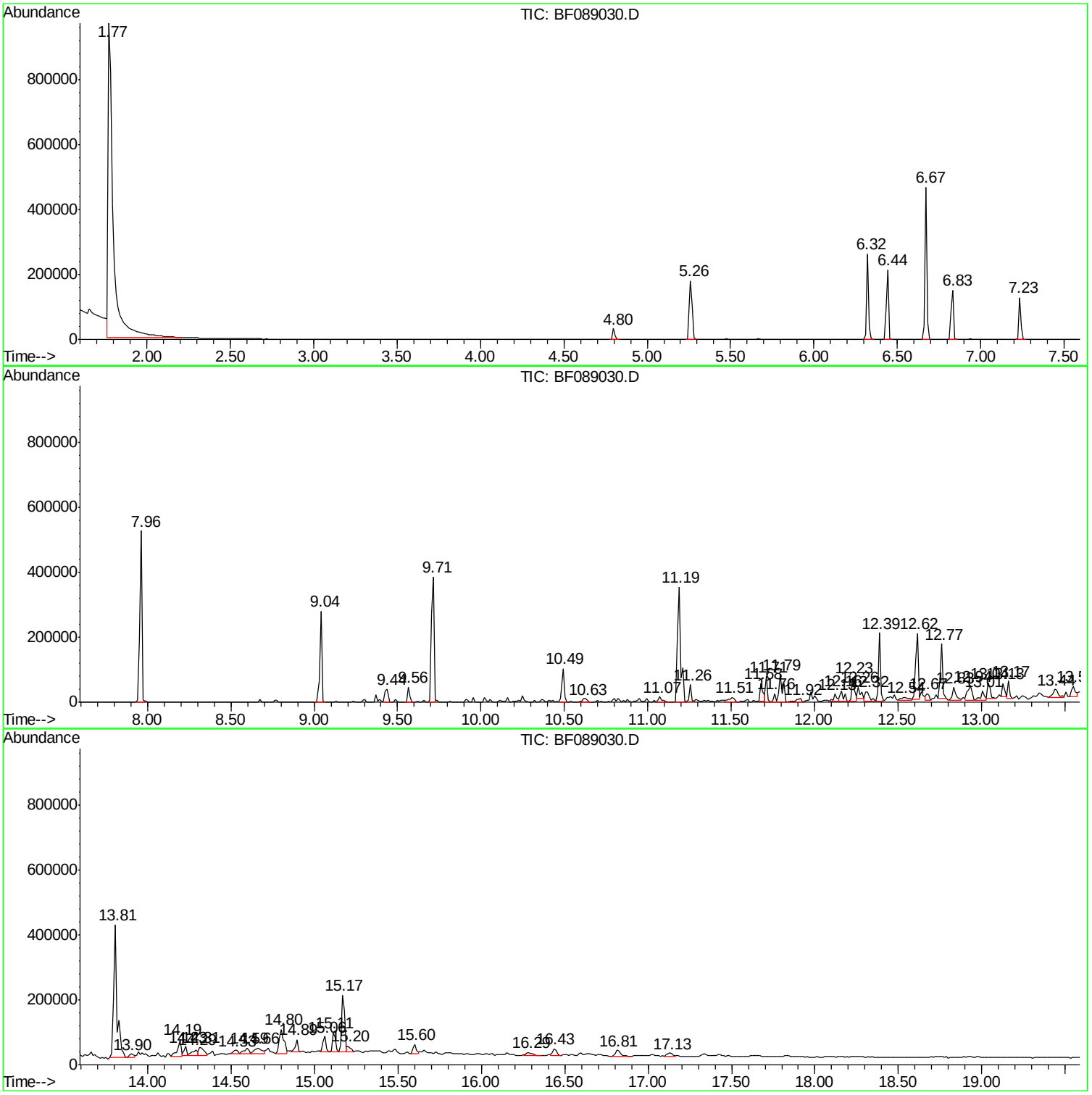
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

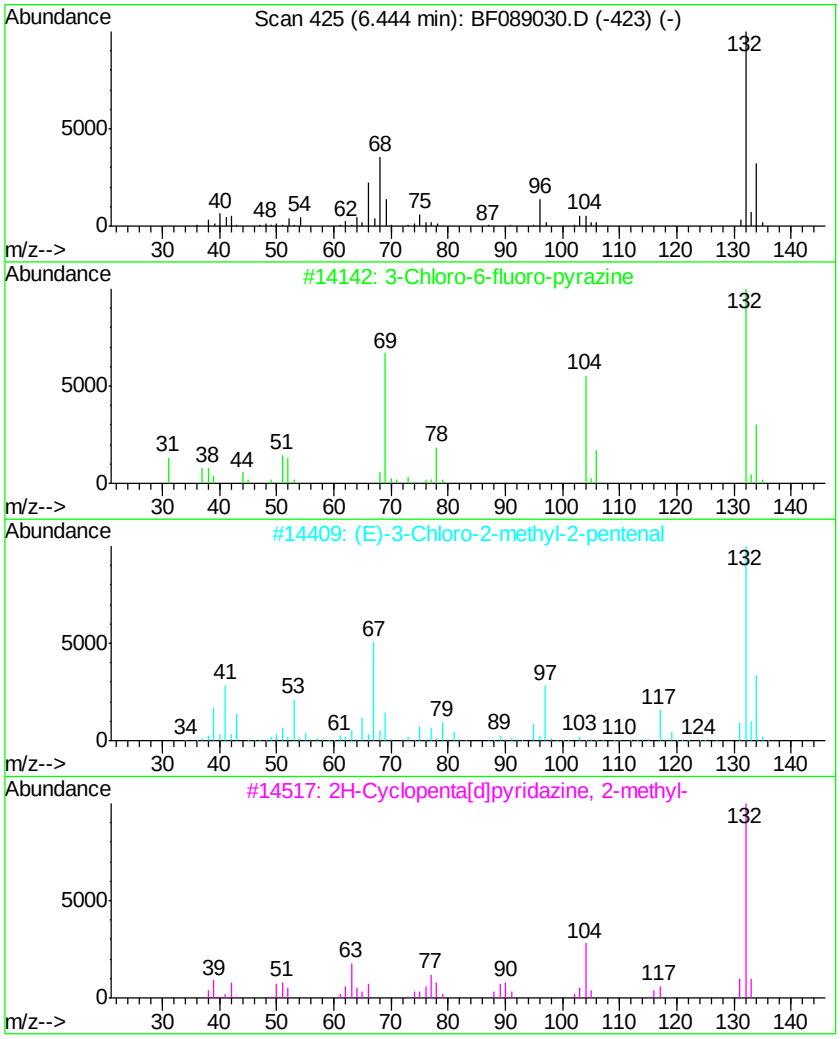
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

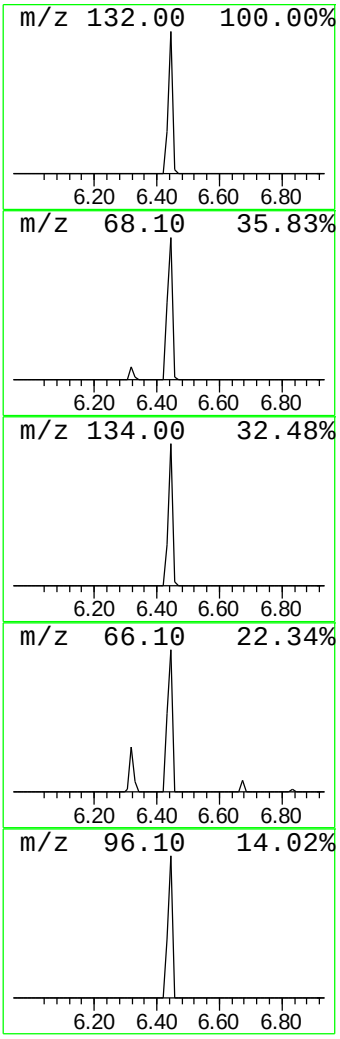
****

Peak Number 2 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	11.04 ng	212205	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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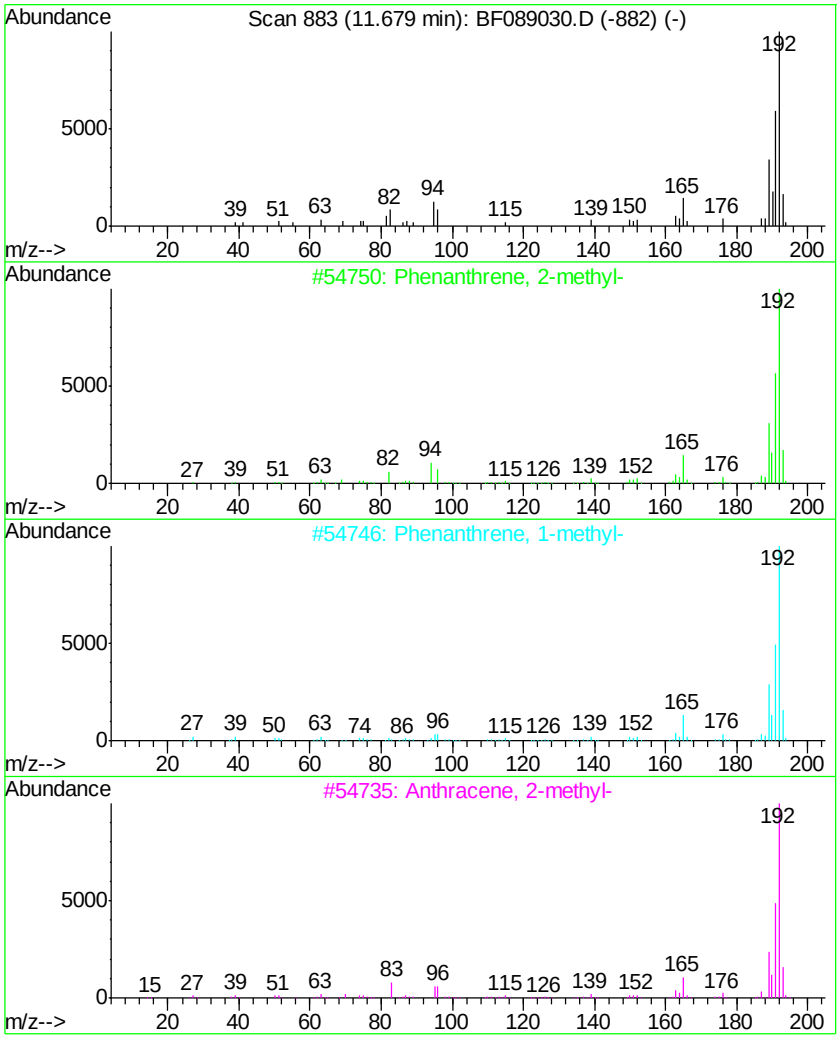
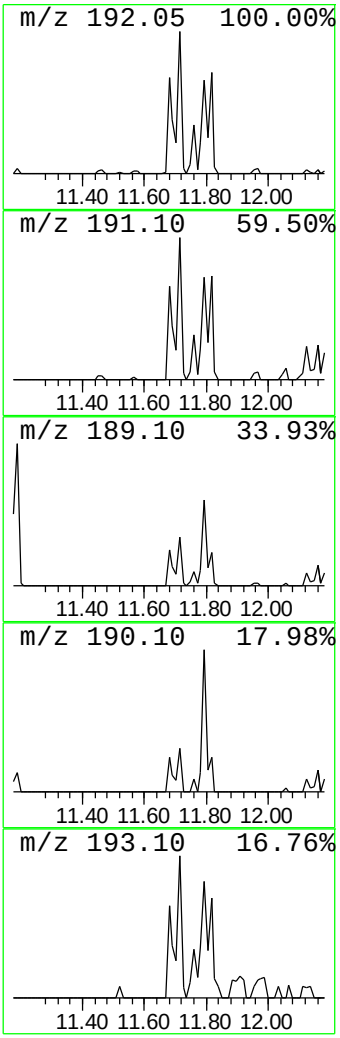
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.90 ng	72910	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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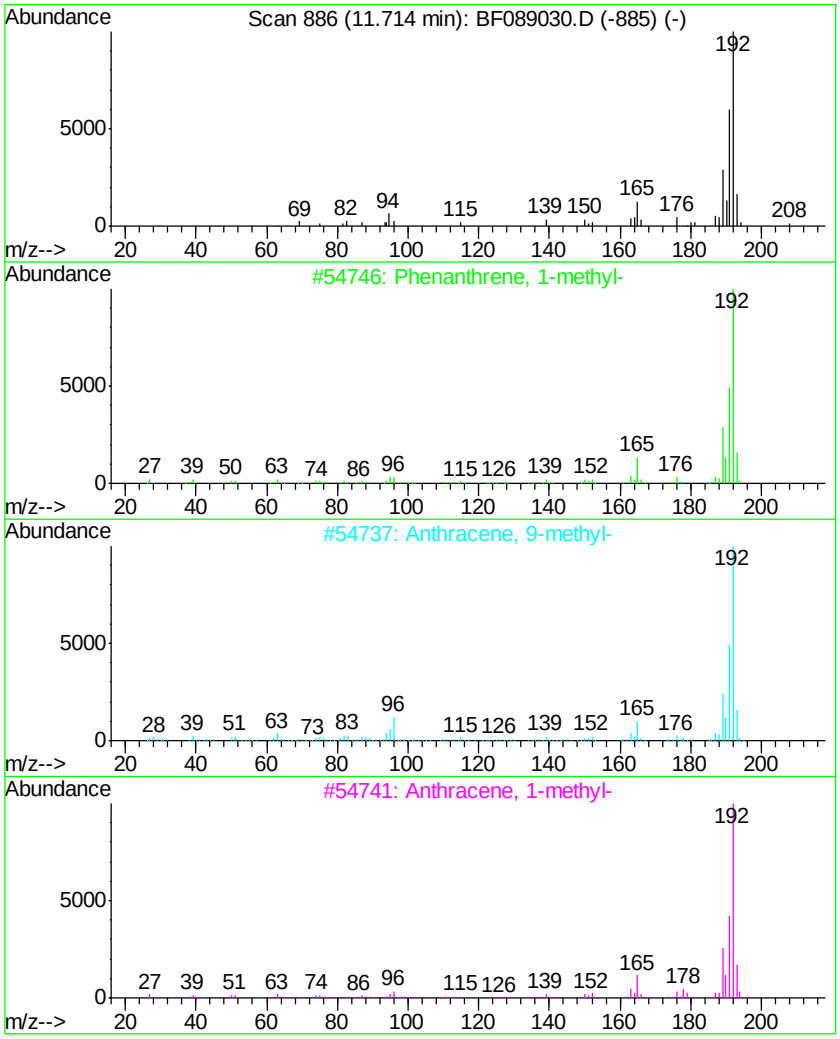
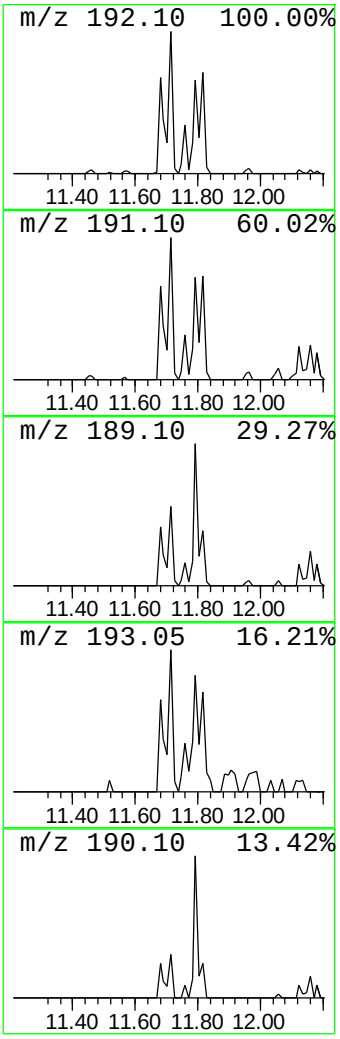
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.24 ng	56315	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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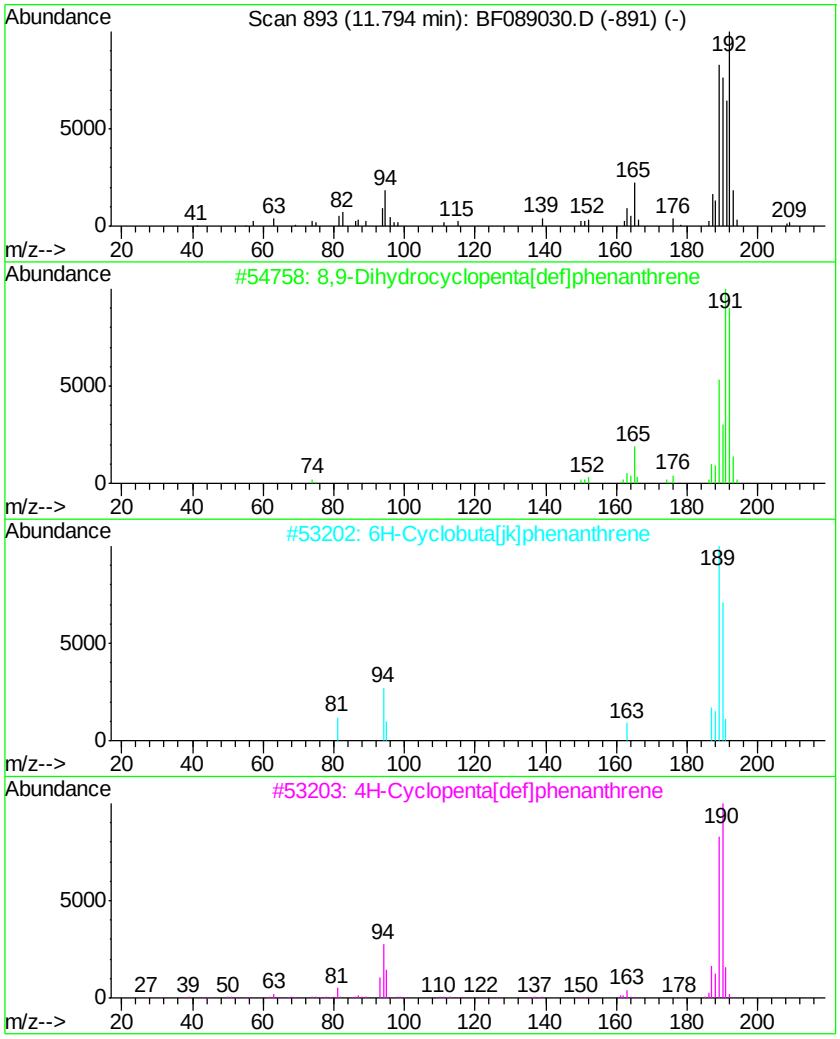
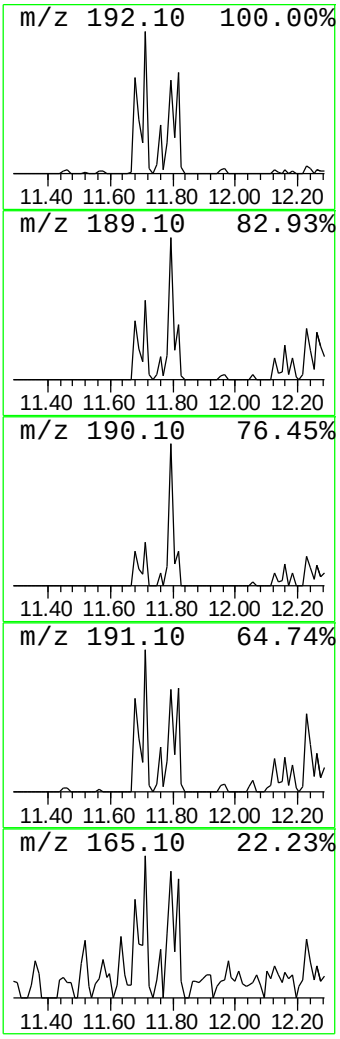
Peak Number 6 unknown11.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.21 ng	130872	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	49
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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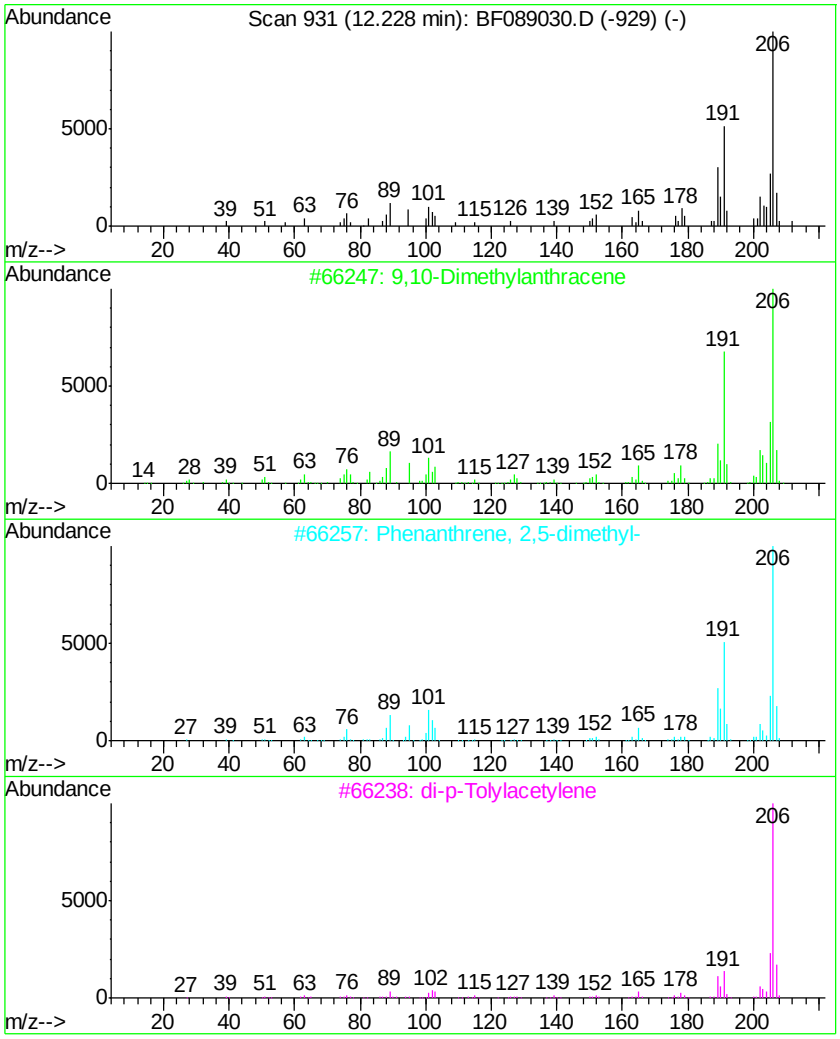
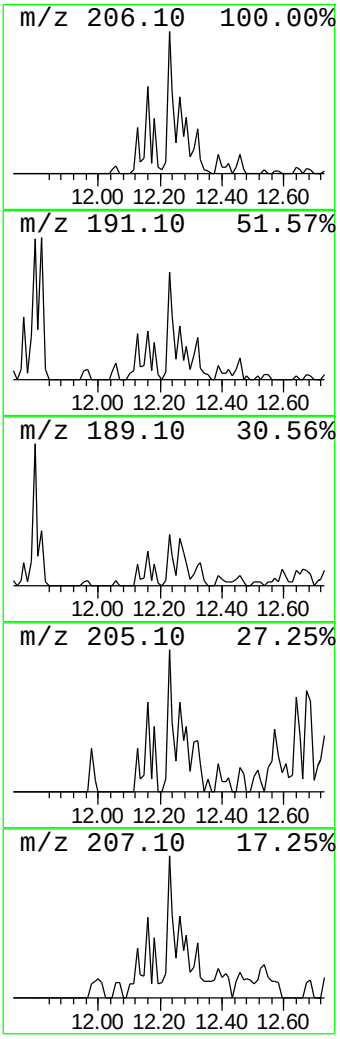
Peak Number 7 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.32 ng	83387	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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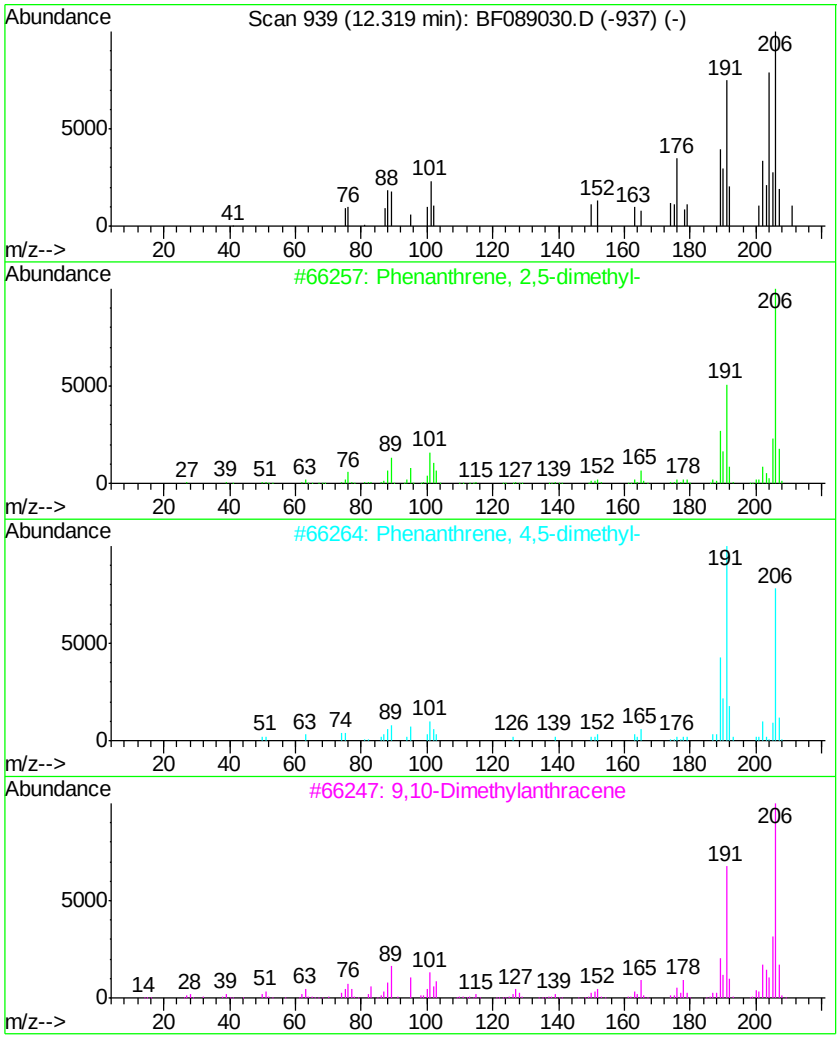
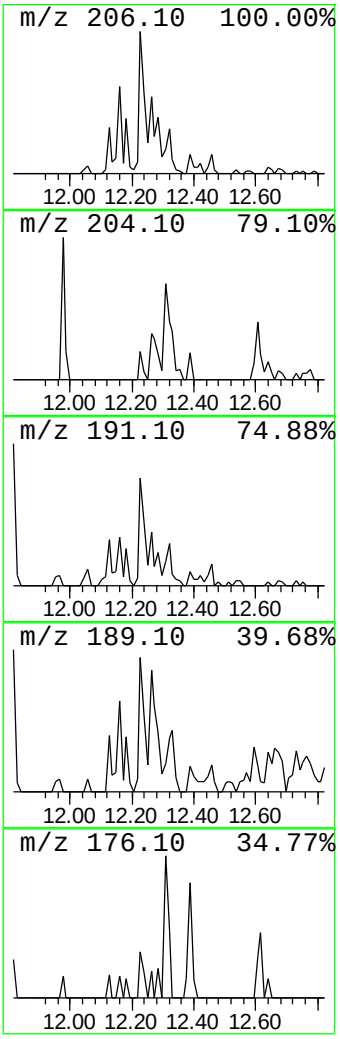
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.14 ng	53823	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

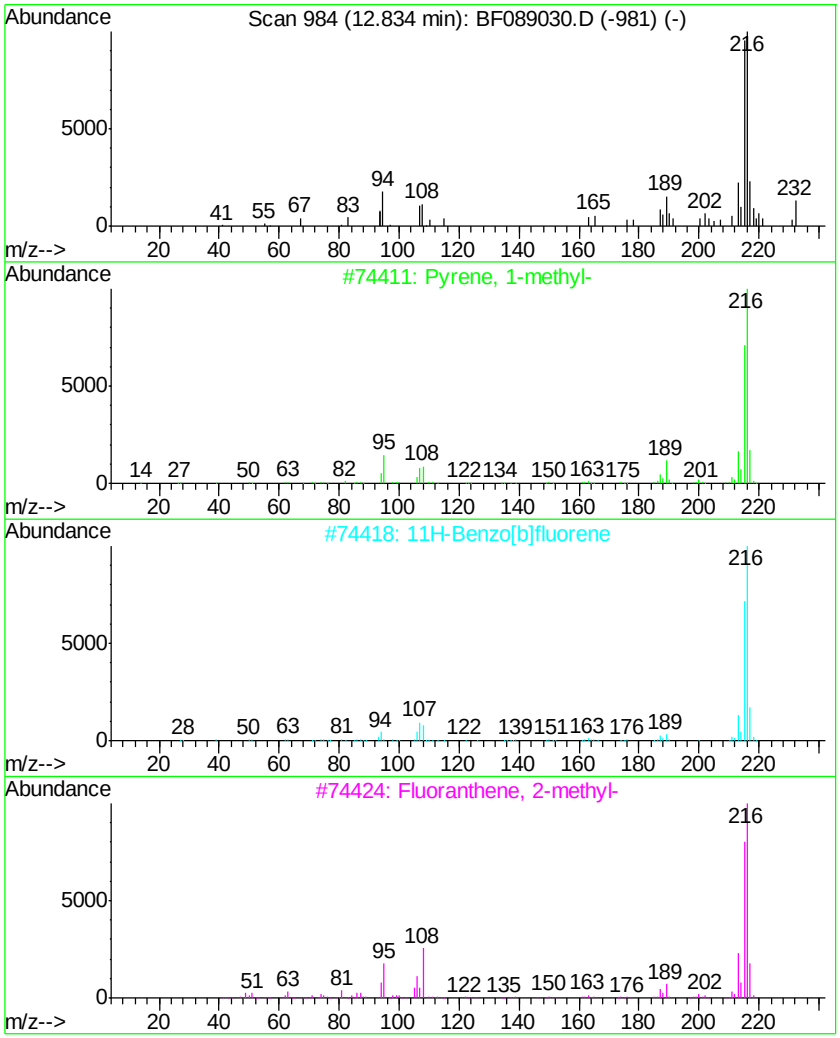
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

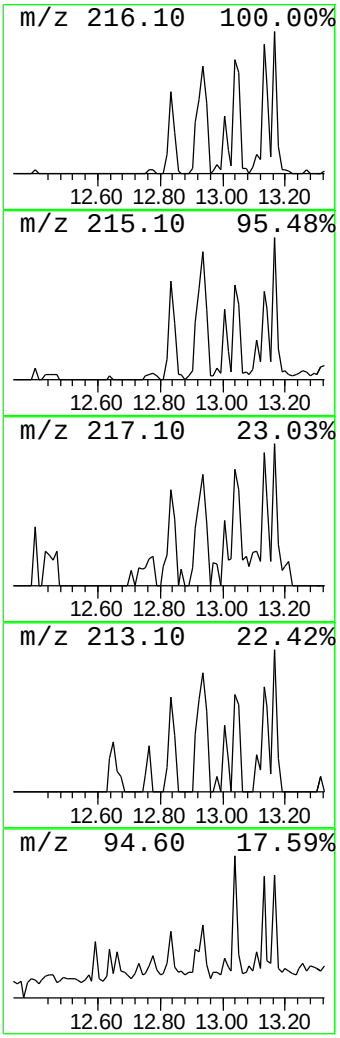
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.24 ng	63505	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

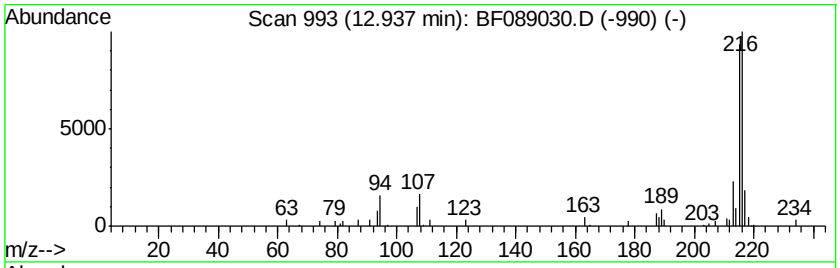
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

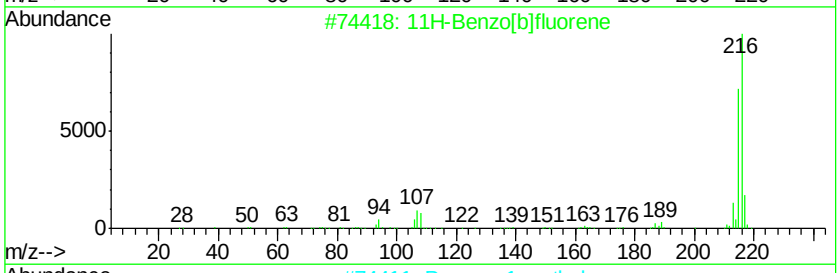
****

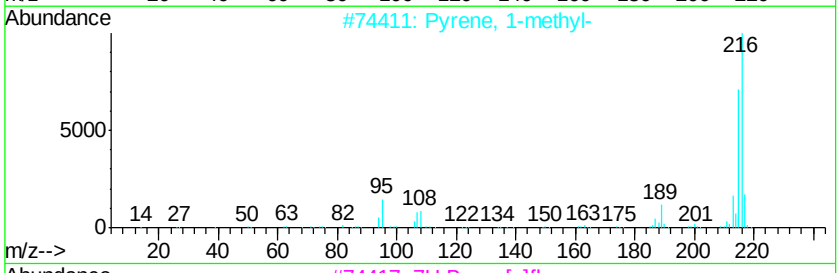
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 11

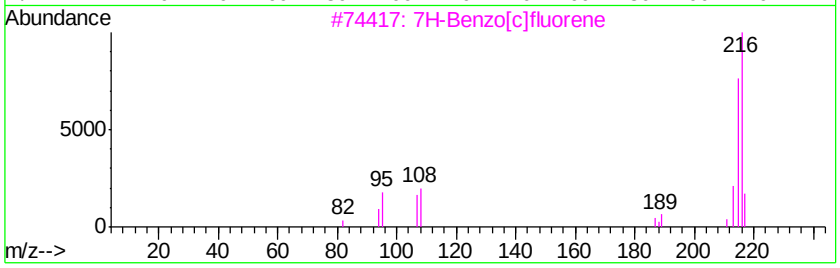
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.01 ng	85113	Chrysene-d12	13.81

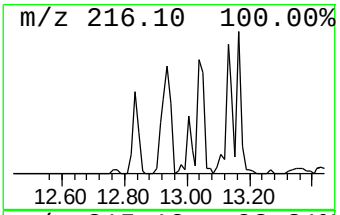
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76

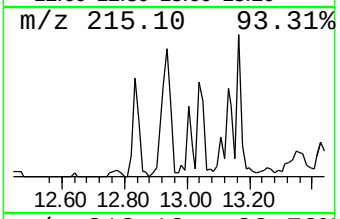


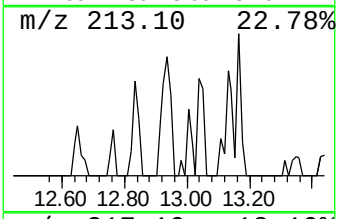


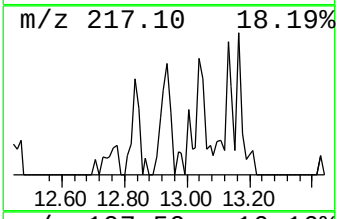


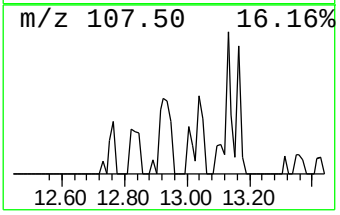












Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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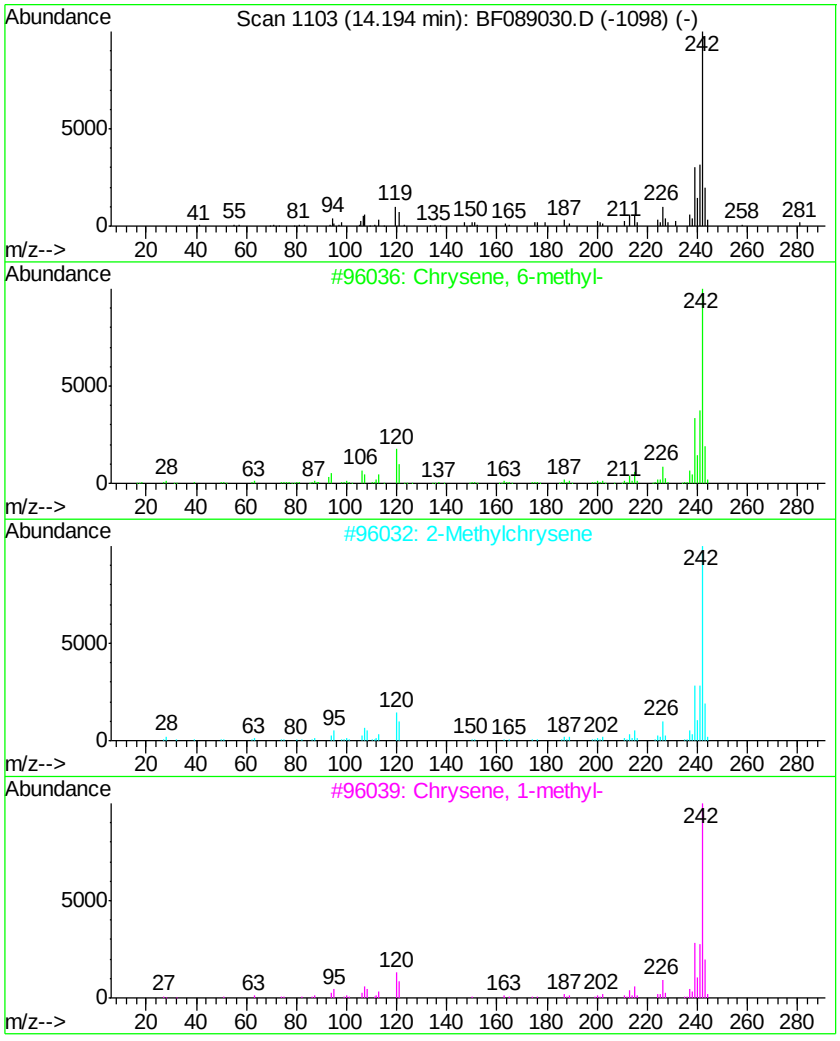
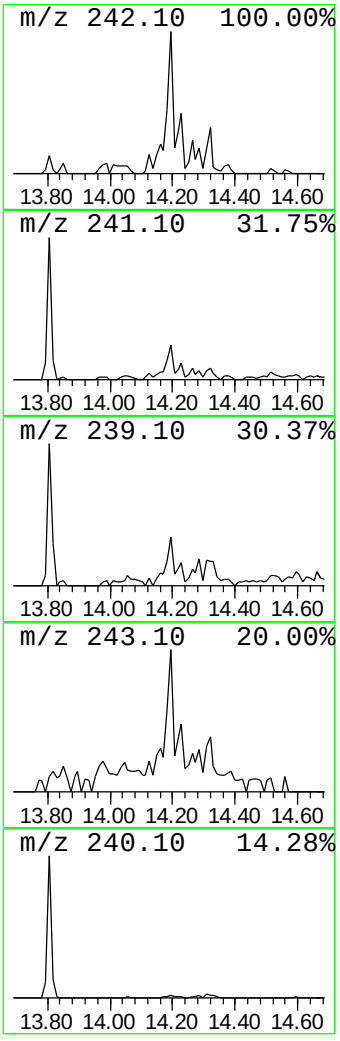
Peak Number 12 Chrysene, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.77 ng	78492	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	96
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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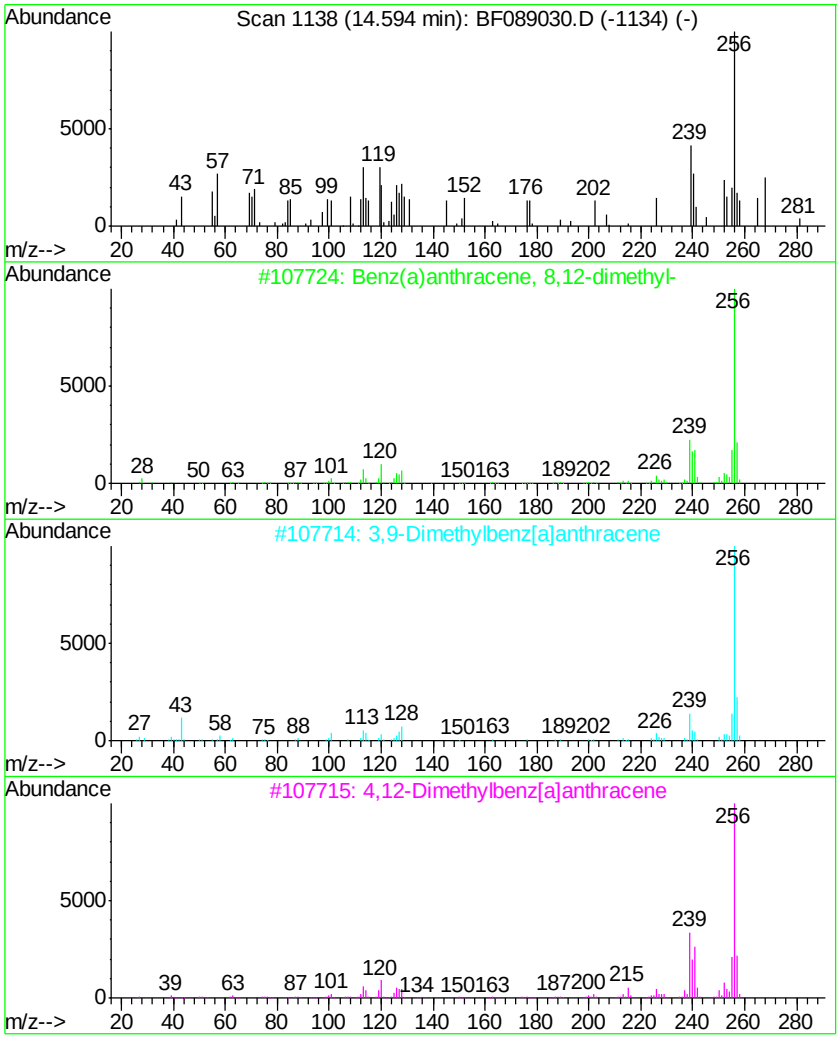
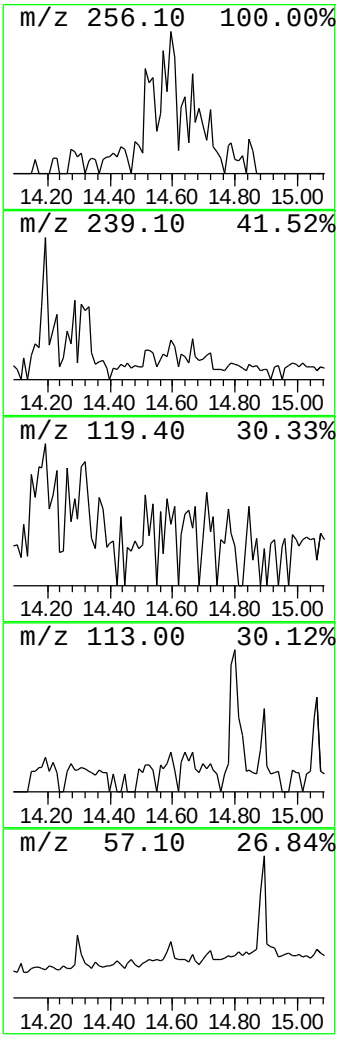
Peak Number 13 Benz(a)anthracene, 8,12-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.35 ng	39331	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	68
2	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	58
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	50
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	49
5	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	49





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Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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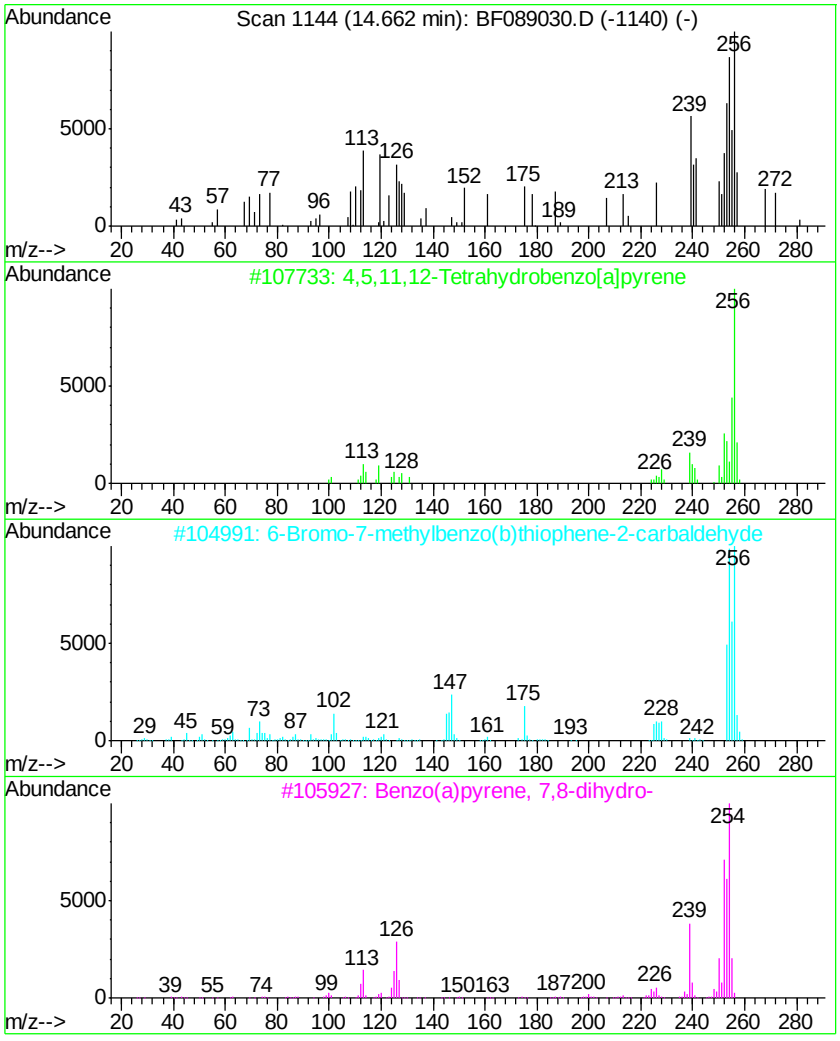
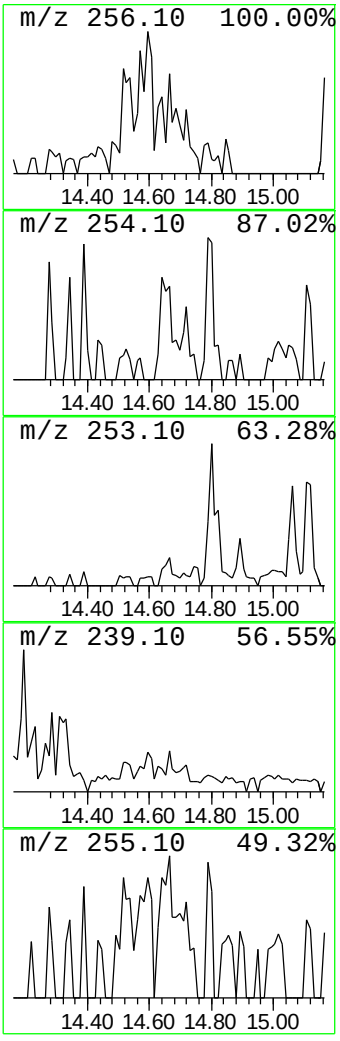
Peak Number 14 4,5,11,12-Tetrahydrobenzo[a... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.19 ng	49229	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	64
2	6-Bromo-7-methylbenzo(b)thiophen...	254	C10H7BrOS	1000244-52-8	46
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	35
4	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	35
5	4-Acetyl-10-chlorophenanthrene	254	C16H11ClO	026698-35-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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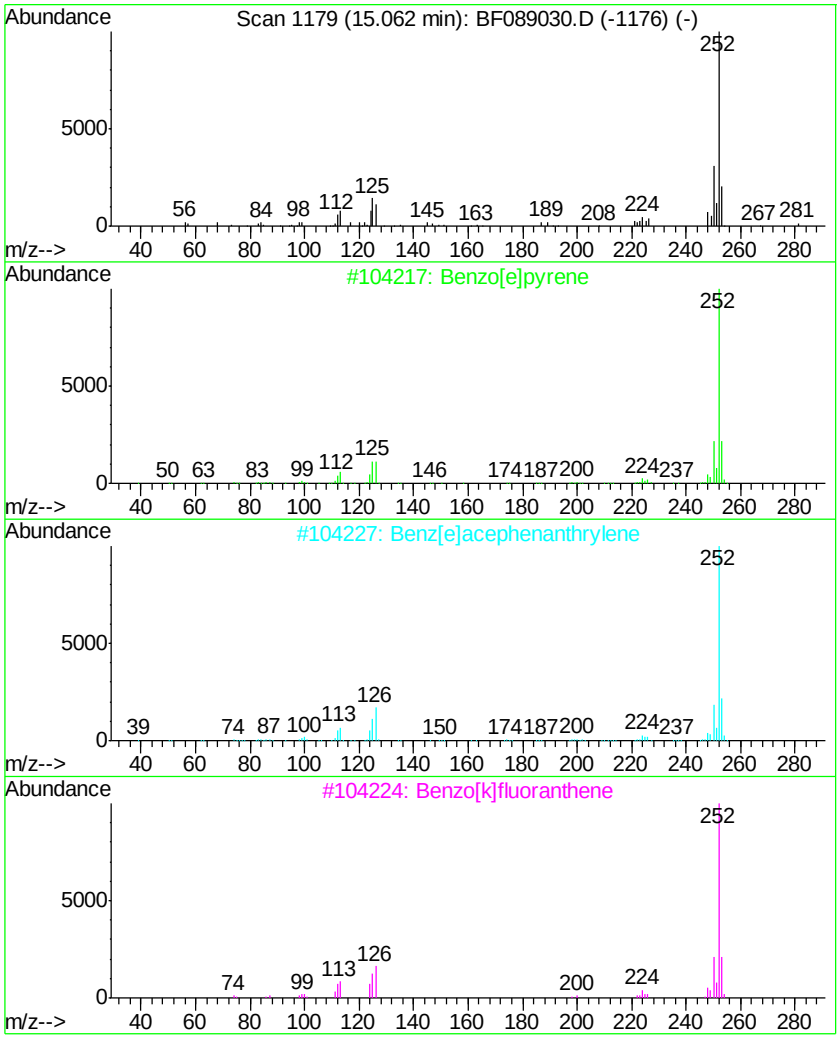
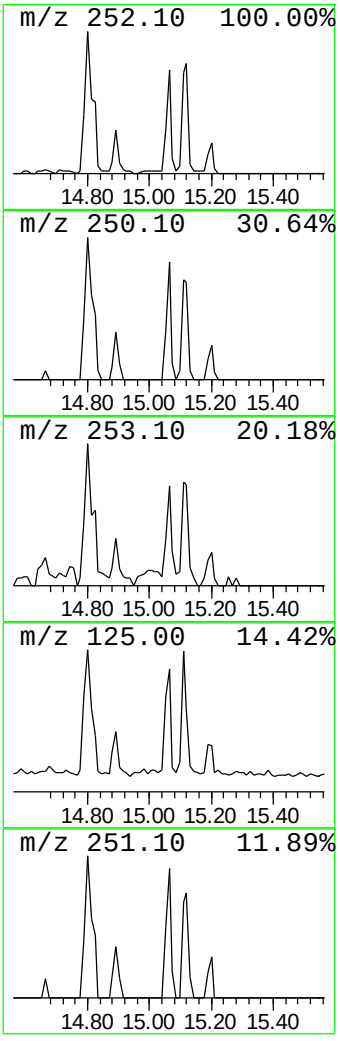
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.20 ng	61090	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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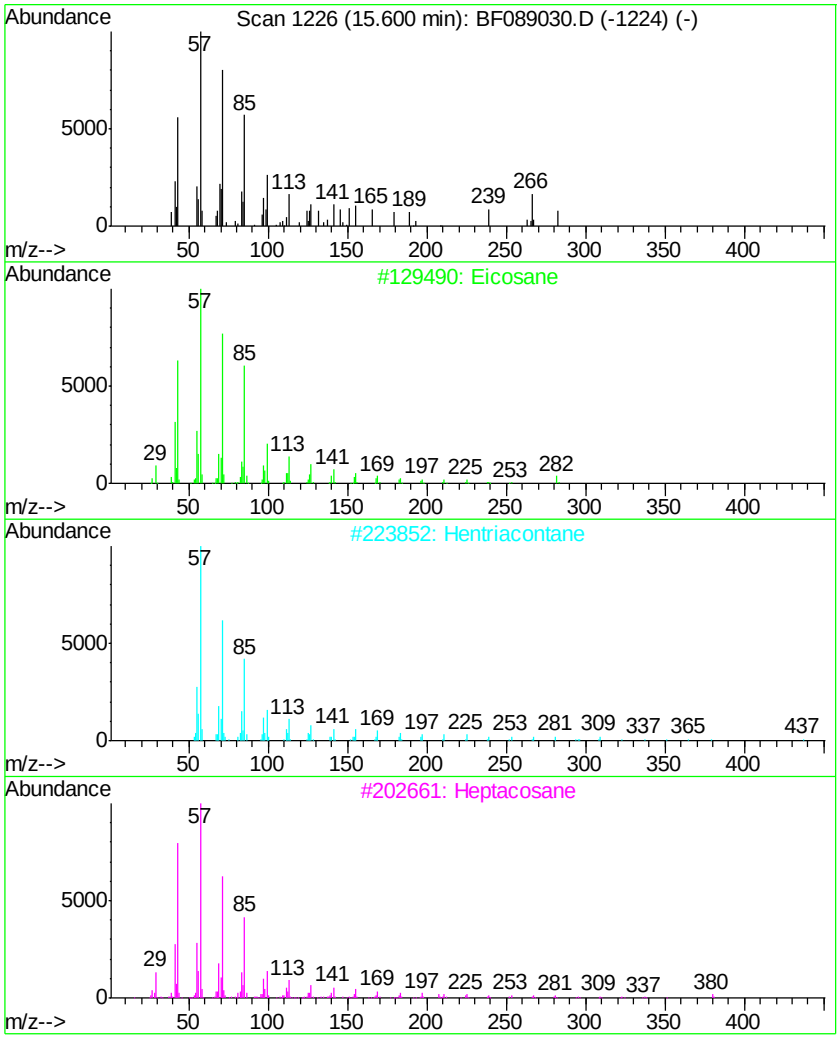
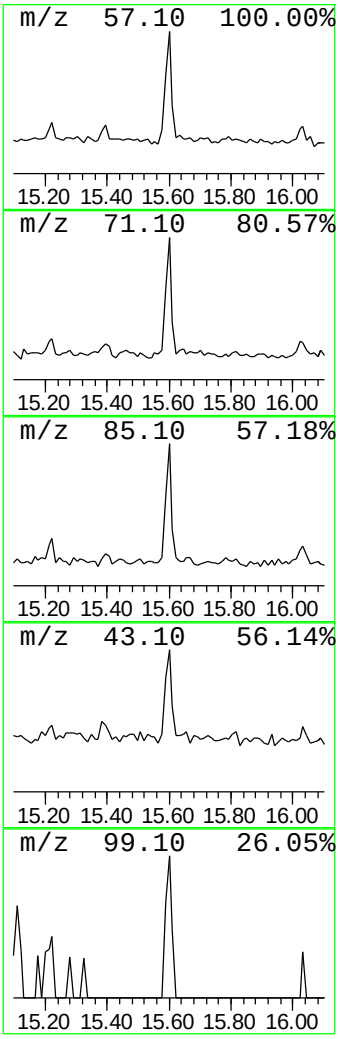
Peak Number 17 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	3.52 ng	41279	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Triacontane	422	C30H62	000638-68-6	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
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Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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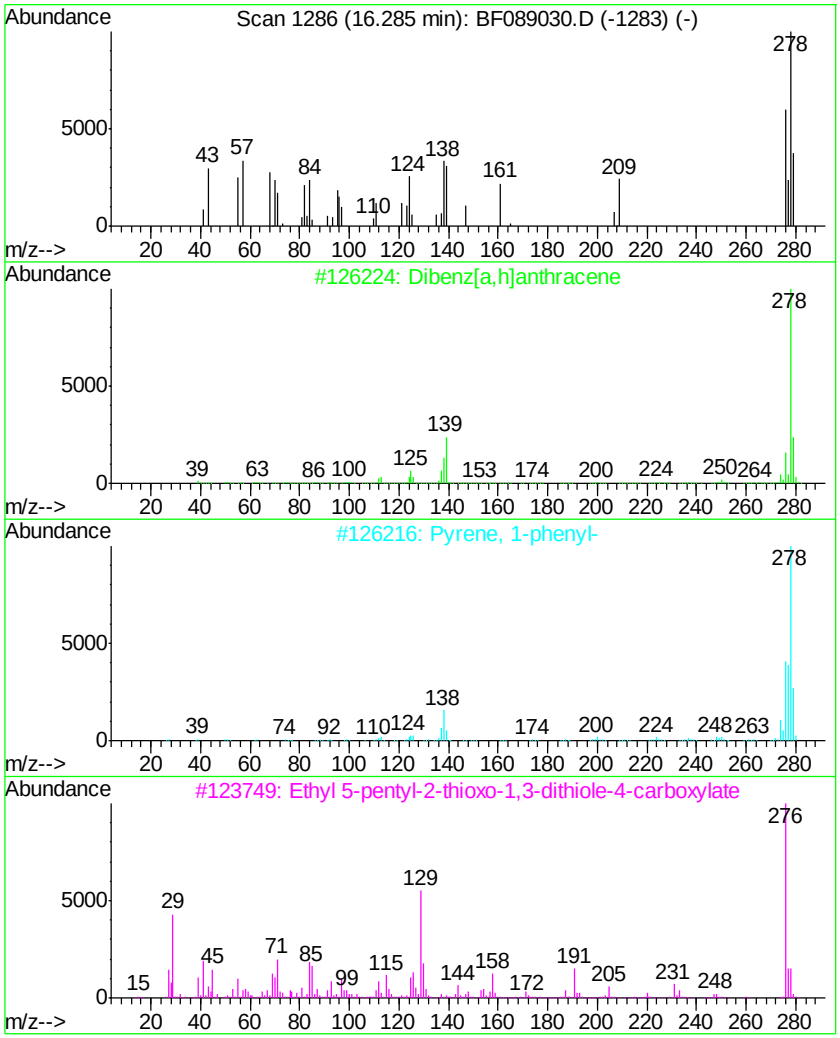
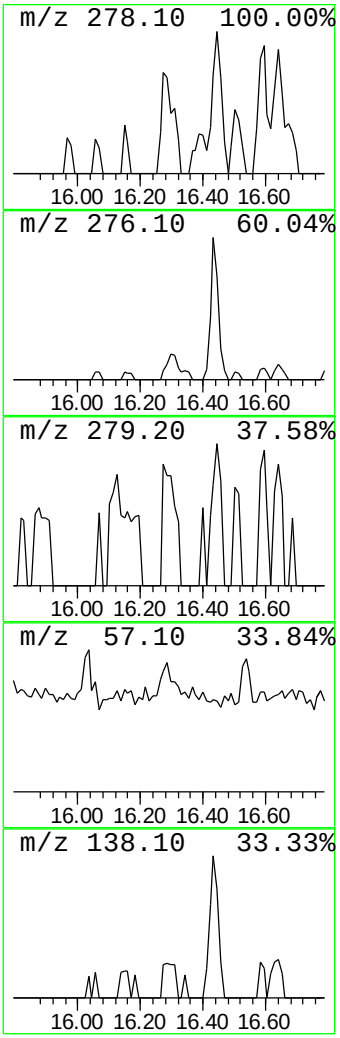
Peak Number 18 unknown16.29 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.43 ng	28580	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	32
2	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	12
3	Ethyl 5-pentyl-2-thioxo-1,3-dith...	276	C11H16O2S3	120356-16-3	9
4	2-Chloro-4-(2-furanyl)-5-methyl-...	276	C13H9ClN2OS	131022-80-5	9
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089030.D
Acq On : 15 Jul 2016 22:02
Operator : UM/SJ
Sample : H3951-11 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB04(0-2ft)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Phenanthrene, 2-m...	11.68	2.9	ng	72910	4	11.19	502575	20.0
Phenanthrene, 1-m...	11.71	2.2	ng	56315	4	11.19	502575	20.0
unknown11.79	11.79	5.2	ng	130872	4	11.19	502575	20.0
9,10-Dimethylanth...	12.23	3.3	ng	83387	4	11.19	502575	20.0
Phenanthrene, 2,5...	12.32	2.1	ng	53823	4	11.19	502575	20.0
Pyrene, 1-methyl-	12.83	2.2	ng	63505	5	13.81	566267	20.0
11H-Benzo[b]fluorene	12.94	3.0	ng	85113	5	13.81	566267	20.0
Chrysene, 6-methyl-	14.19	2.8	ng	78492	5	13.81	566267	20.0
Benz(a)anthracene...	14.59	3.4	ng	39331	6	15.17	234807	20.0
4,5,11,12-Tetrahy...	14.66	4.2	ng	49229	6	15.17	234807	20.0
Benzo[e]pyrene	15.06	5.2	ng	61090	6	15.17	234807	20.0
Eicosane	15.60	3.5	ng	41279	6	15.17	234807	20.0
unknown16.29	16.29	2.4	ng	28580	6	15.17	234807	20.0