LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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	1.655	5	6	15	rVB	40727	86950	4.77%	0.760%
2	1.770	15	16	46	rVB	838303	1821582	100.00%	15.914%
3	4.799	279	281	284	rBV	59870	65610	3.60%	0.573%
4	5.267	319	322	324	rBV	282516	391545	21.49%	3.421%
5	6.319	412	414	417	rBV	431797	386258	21.20%	3.375%
6	6.444	423	425	427	rBB	474623	429824	23.60%	3.755%
7	6.673	443	445	447	rBB	446880	369315	20.27%	3.227%
8	6.833	456	459	461	rBB	319464	319020	17.51%	2.787%
9	7.233	492	494	497	rBB	203513	221581	12.16%	1.936%
10	7.965	555	558	560	rBV	489513	481570	26.44%	4.207%
11	8.673	618	620	622	rBB	29668	22881	1.26%	0.200%
12	8.776	626	629	630	rBB	16396	20158	1.11%	0.176%
13	9.039	649	652	654	rBV	560016	445590	24.46%	3.893%
14	9.302	673	675	679	rBB	18593	28808	1.58%	0.252%
15	9.370	679	681	682	rBV	38971	33450	1.84%	0.292%
16	9.439	685	687	689	rVB	95466	97375	5.35%	0.851%
17	9.565	696	698	701	rBV	51150	57590	3.16%	0.503%
18	9.713	708	711	712	rBV	414872	425990	23.39%	3.722%
19	9.908	726	728	730	rBV	17143	21762	1.19%	0.190%
20	10.022	736	738	740	rBV	15811	19461	1.07%	0.170%
21	10.113	742	746	749	rVV2	10345	21614	1.19%	0.189%
22	10.251	757	758	761	rVV	43668	41495	2.28%	0.363%
23	10.365	765	768	771	rVV3	10611	22021	1.21%	0.192%
24	10.411	771	772	777	rVV3	11687	18873	1.04%	0.165%
25	10.491	777	779	781	rVB	204671	177104	9.72%	1.547%
26	10.628	789	791	794	rVB	14903	29552	1.62%	0.258%
27	10.799	804	806	807	rBV	15619	20062	1.10%	0.175%
28	10.948	815	819	822	rBV2	13579	24536	1.35%	0.214%
29	11.073	828	830	836	rVB	24992	34831	1.91%	0.304%
30	11.188	837	840	844	rBV2	320757	579030	31.79%	5.059%
31	11.256	844	846	848	rVB	88949	71229	3.91%	0.622%
32	11.508	865	868	870	rVB2	15650	31995	1.76%	0.280%
33	11.679	881	883	885	rBV	64492	84962	4.66%	0.742%
34	11.714	885	886	888	rVB	102032	72830	4.00%	0.636%

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Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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	11.759	888	890	891	rBV	39814	34610	1.90%	0.302%
36	11.794	891	893	897	rVB2	102190	162068	8.90%	1.416%
37	11.919	897	904	905	rVB2	11075	22495	1.23%	0.197%
38	11.976	907	909	910	rBV2	35455	28396	1.56%	0.248%
39	11.999	910	911	913	rVB	28971	27015	1.48%	0.236%
40	12.125	919	922	924	rBV2	24287	37524	2.06%	0.328%
41	12.159	924	925	929	rVB	38317	47858	2.63%	0.418%
42	12.228	929	931	933	rBV	76952	96026	5.27%	0.839%
43	12.262	933	934	937	rVB2	38455	60887	3.34%	0.532%
44	12.308	937	938	943	rVB2	30433	54498	2.99%	0.476%
45	12.388	943	945	947	rBV	411279	341200	18.73%	2.981%
46	12.456	947	951	952	rBV2	12542	23362	1.28%	0.204%
47	12.479	952	953	955	rVB	28134	23453	1.29%	0.205%
48	12.536	955	958	962	rBV5	16575	40627	2.23%	0.355%
49	12.616	962	965	966	rBV	370436	395923	21.74%	3.459%
50	12.674	968	970	972	rVB2	22941	40002	2.20%	0.349%
51	12.731	972	975	976	rBV2	27980	35464	1.95%	0.310%
52	12.765	976	978	980	rVB	336890	301306	16.54%	2.632%
53	12.834	981	984	988	rBV3	49855	82661	4.54%	0.722%
54	12.937	988	993	995	rVB2	56879	134496	7.38%	1.175%
55	13.005	998	999	1001	rVB	39236	38120	2.09%	0.333%
56	13.039	1001	1002	1004	rBV	55619	73374	4.03%	0.641%
57	13.131	1009	1010	1012	rVB	43421	52166	2.86%	0.456%
58	13.165	1012	1013	1015	rVB	60107	49943	2.74%	0.436%
59	13.348	1027	1029	1032	rVB2	16280	27393	1.50%	0.239%
60	13.451	1034	1038	1040	rBV2	30406	61979	3.40%	0.541%
61	13.554	1045	1047	1049	rBV	49170	75867	4.16%	0.663%
62	13.657	1054	1056	1057	rVB	22220	23211	1.27%	0.203%
63	13.805	1066	1069	1075	rVB2	441286	734239	40.31%	6.415%
64	13.908	1075	1078	1080	rBV2	21449	33683	1.85%	0.294%
65	13.942	1080	1081	1084	rBV2	13768	26100	1.43%	0.228%
66	14.194	1098	1103	1104	rBV	65798	85667	4.70%	0.748%
67	14.228	1104	1106	1108	rVV	34705	37851	2.08%	0.331%
68	14.285	1108	1111	1112	rVV3	24305	35125	1.93%	0.307%
69	14.320	1112	1114	1118	rVV3	24092	62001	3.40%	0.542%
70	14.388	1118	1120	1123	rVB2	18312	21730	1.19%	0.190%
71	14.594	1134	1138	1140	rVB4	20355	36449	2.00%	0.318%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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

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Peak separation: 5

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

72	14.662	1140	1144	1147	rBV3	19465	55432	3.04%	0.484%
73	14.720	1147	1149	1150	rVV	18794	19714	1.08%	0.172%
74	14.800	1153	1156	1160	rBV	143872	269211	14.78%	2.352%
75	14.891	1162	1164	1166	rVB	40722	39592	2.17%	0.346%
76	15.062	1177	1179	1182	rVB	81417	93979	5.16%	0.821%
77	15.120	1182	1184	1186	rBV	93225	123984	6.81%	1.083%
78	15.177	1186	1189	1190	rBV	144055	214936	11.80%	1.878%
79	15.600	1223	1226	1228	rBV2	10545	20375	1.12%	0.178%
80	16.308	1284	1288	1290	rVB3	7382	19341	1.06%	0.169%
81	16.434	1297	1299	1303	rVB2	37558	68625	3.77%	0.600%
82	16.823	1329	1333	1338	rVB	29458	59222	3.25%	0.517%
83	18.903	1512	1515	1520	rBV6	5691	20516	1.13%	0.179%

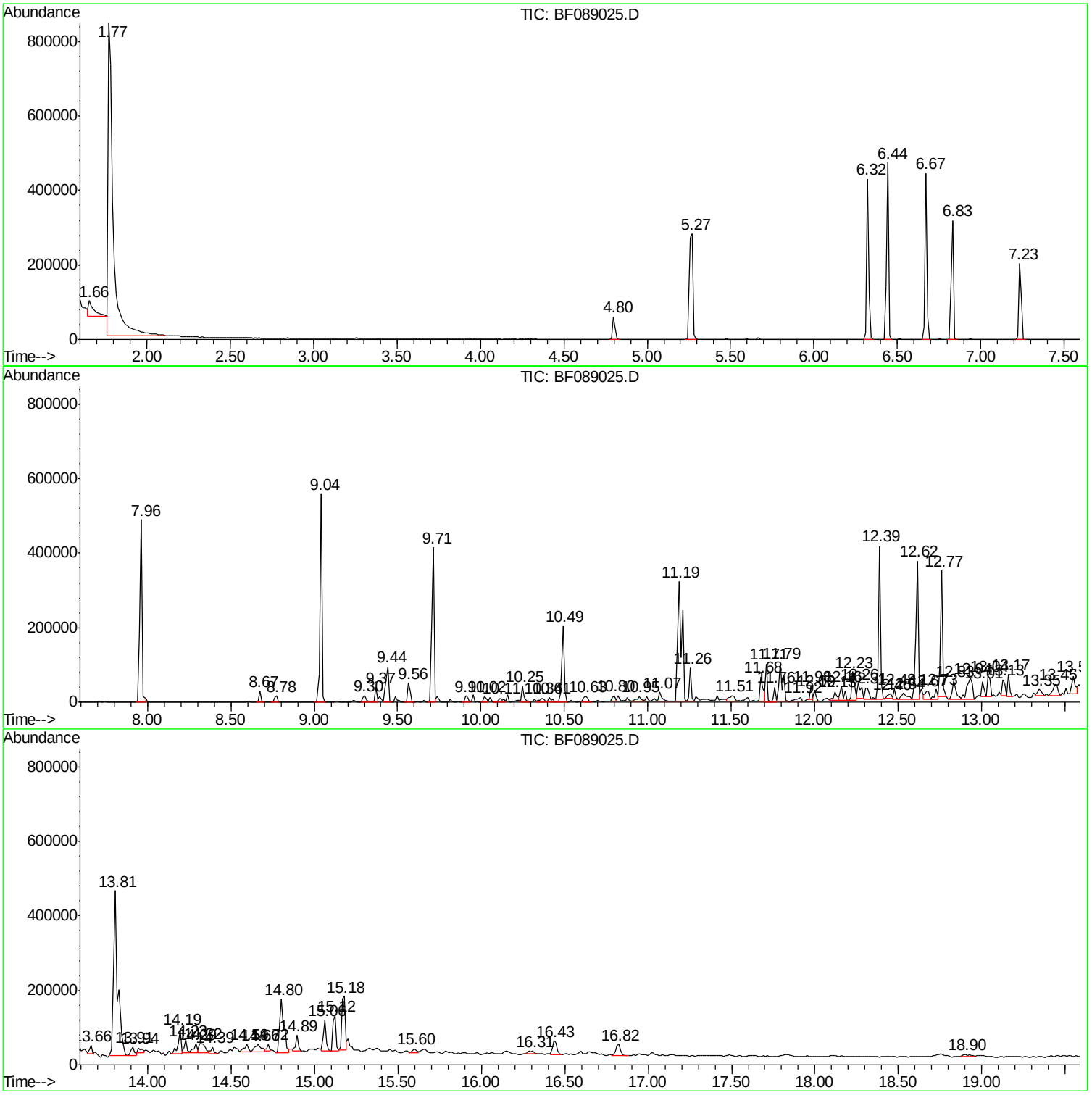
Sum of corrected areas: 11446150

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB03(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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2ft)

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

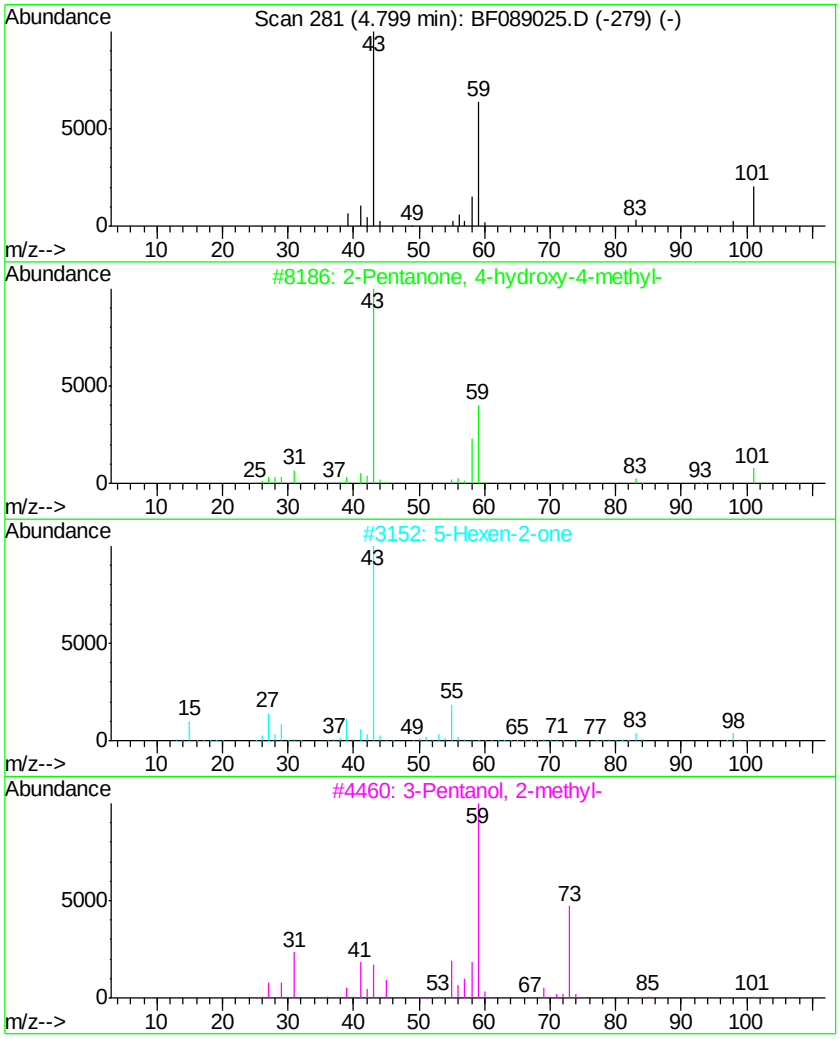
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

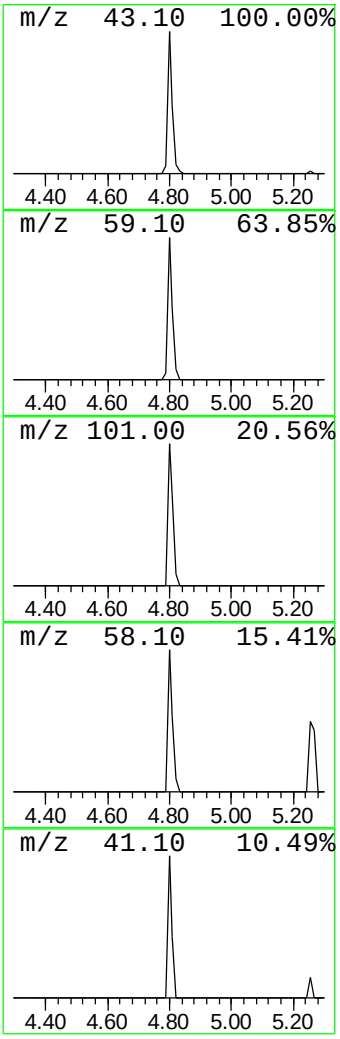
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	3.55 ng	65610	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2ft)

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

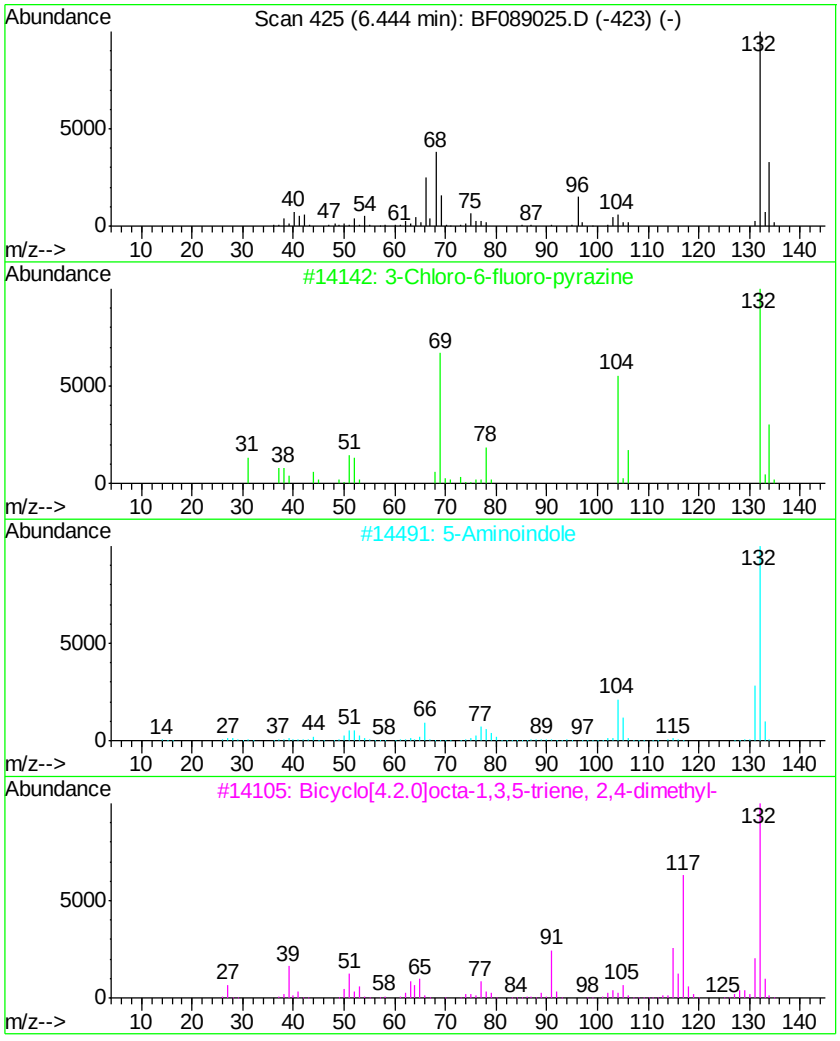
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

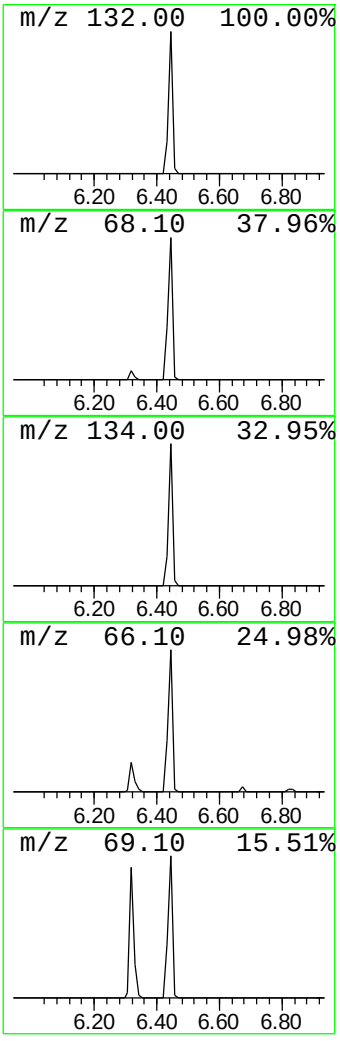
****

Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	23.28 ng	429824	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
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Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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
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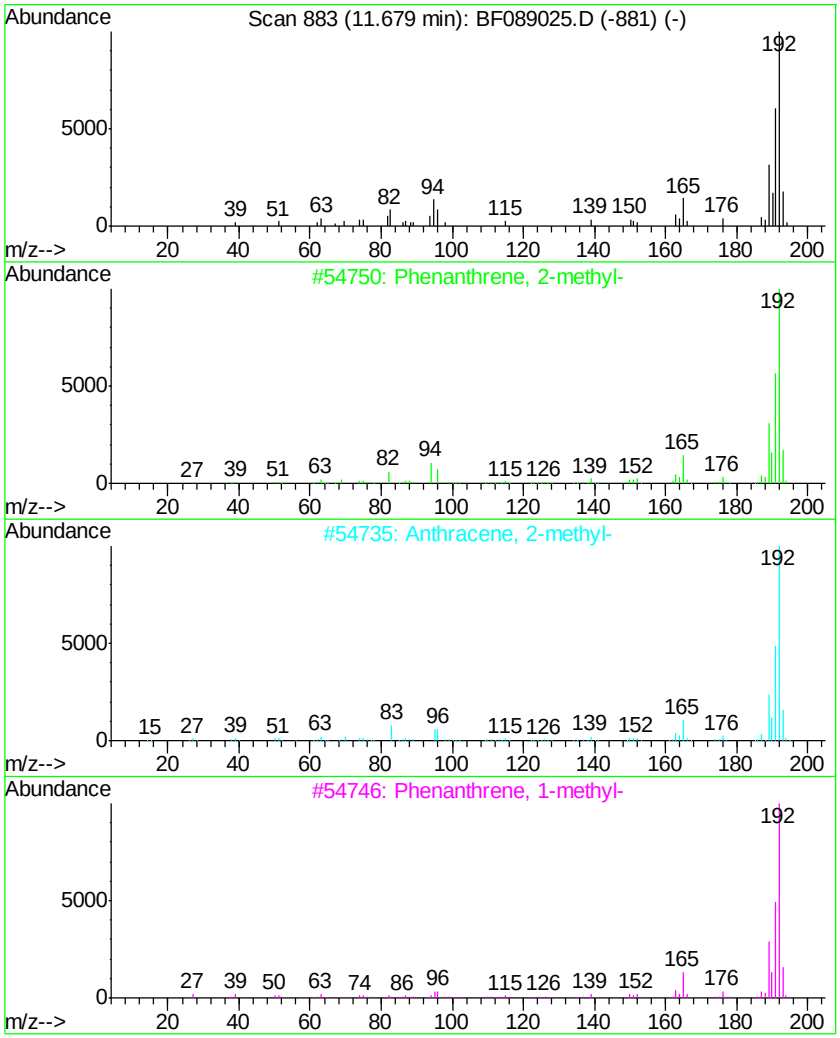
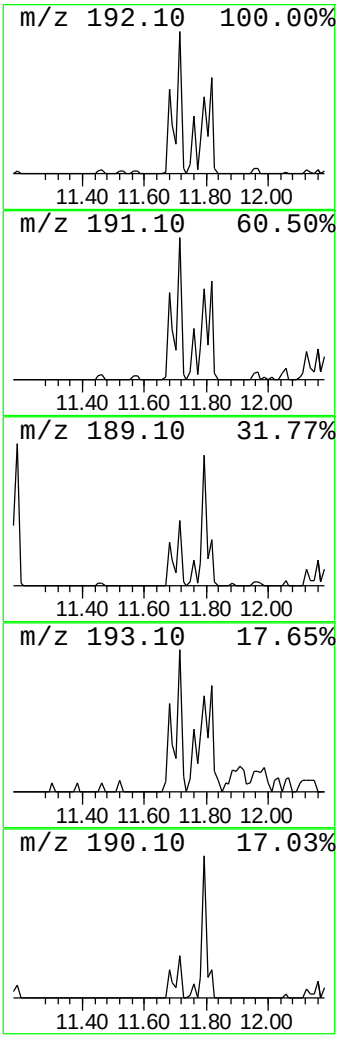
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.93 ng	84962	Phenanthrene-d10	11.19

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





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Sample : H3951-08 5X
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Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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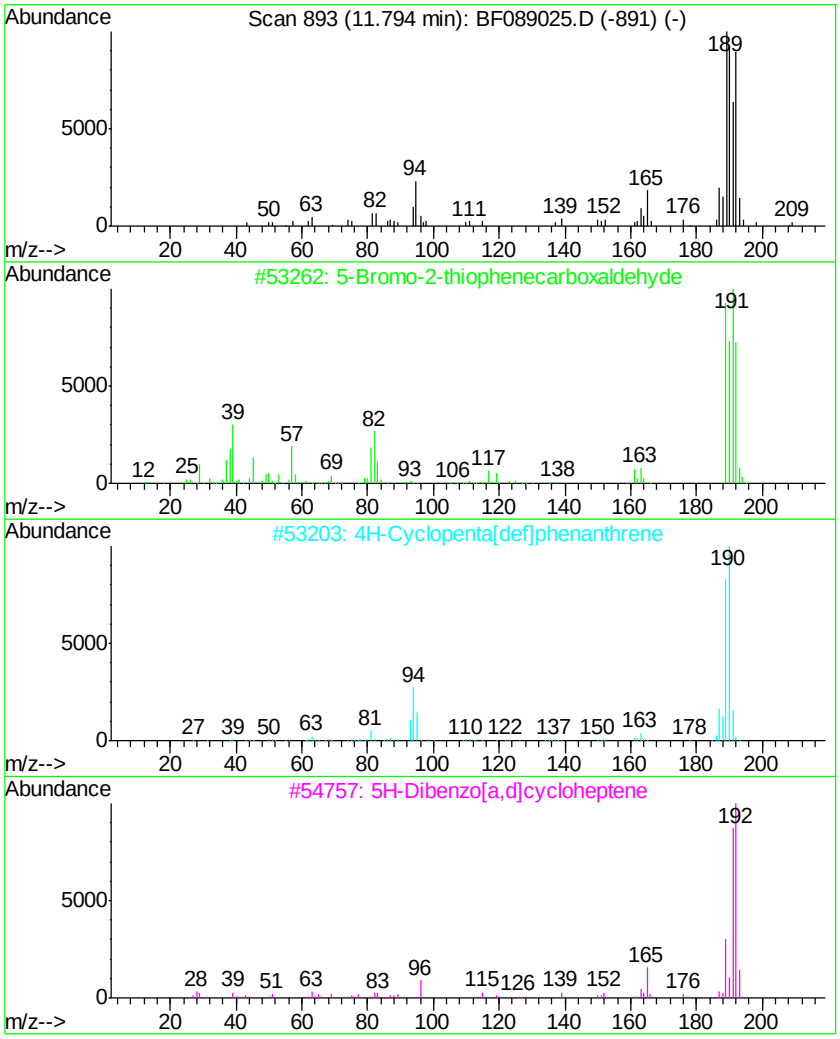
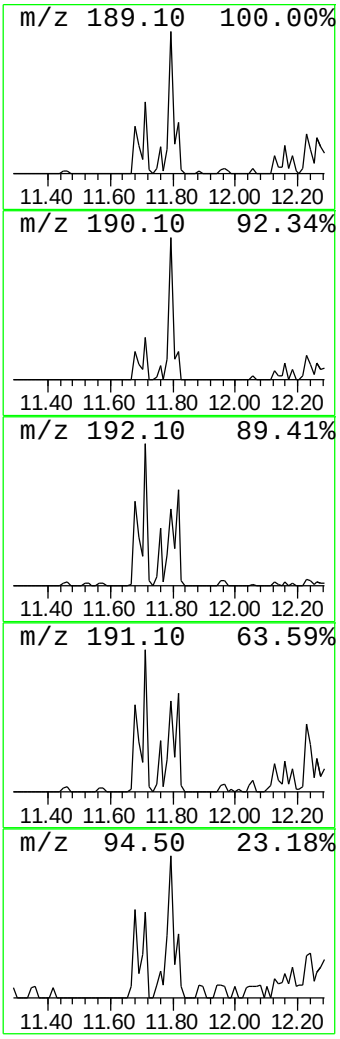
Peak Number 8 5-Bromo-2-thiophenecarboxal... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.60 ng	162068	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(0-2ft)

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

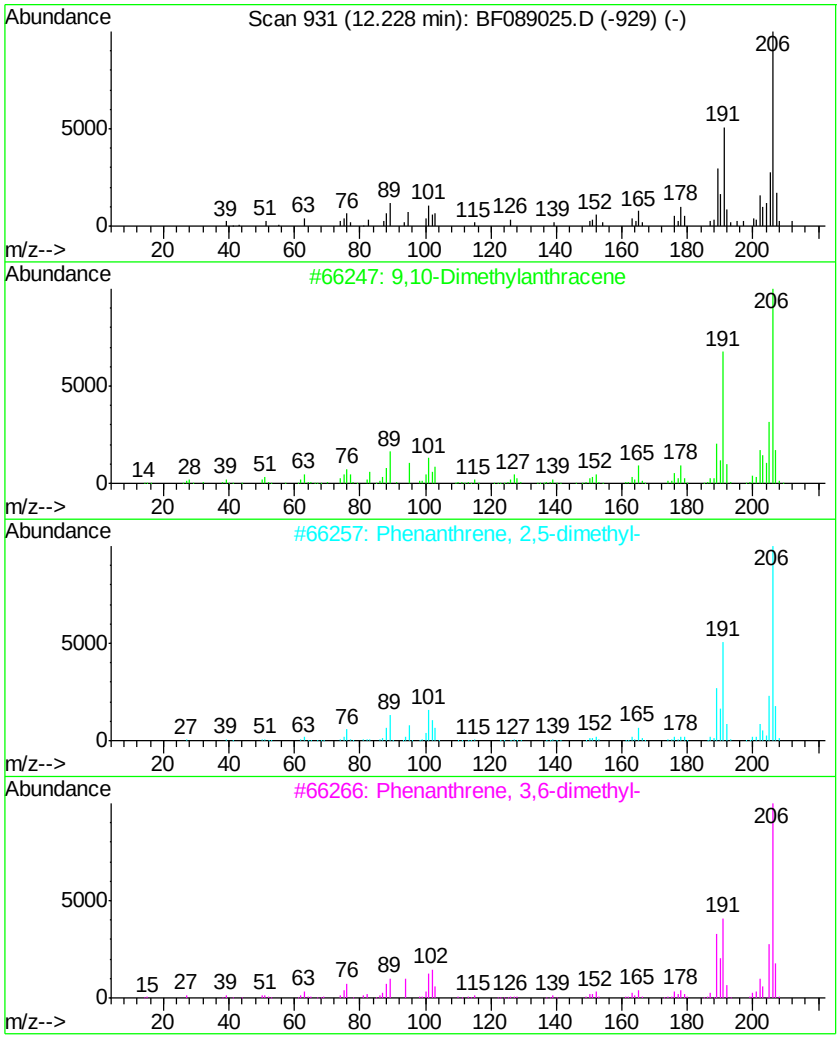
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

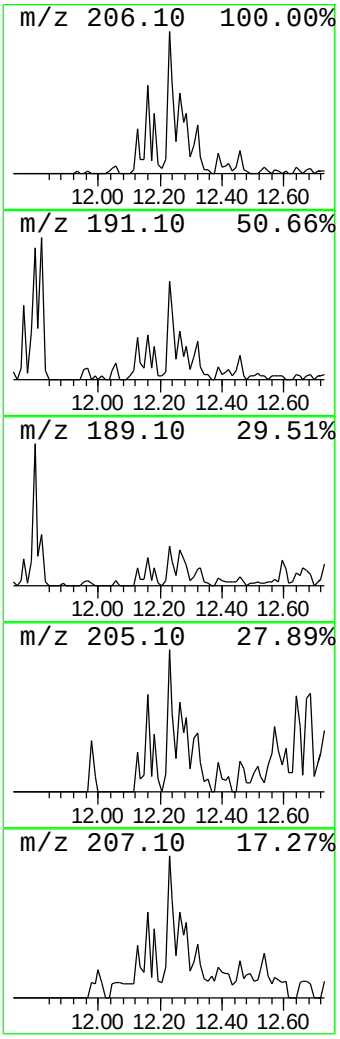
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.32 ng	96026	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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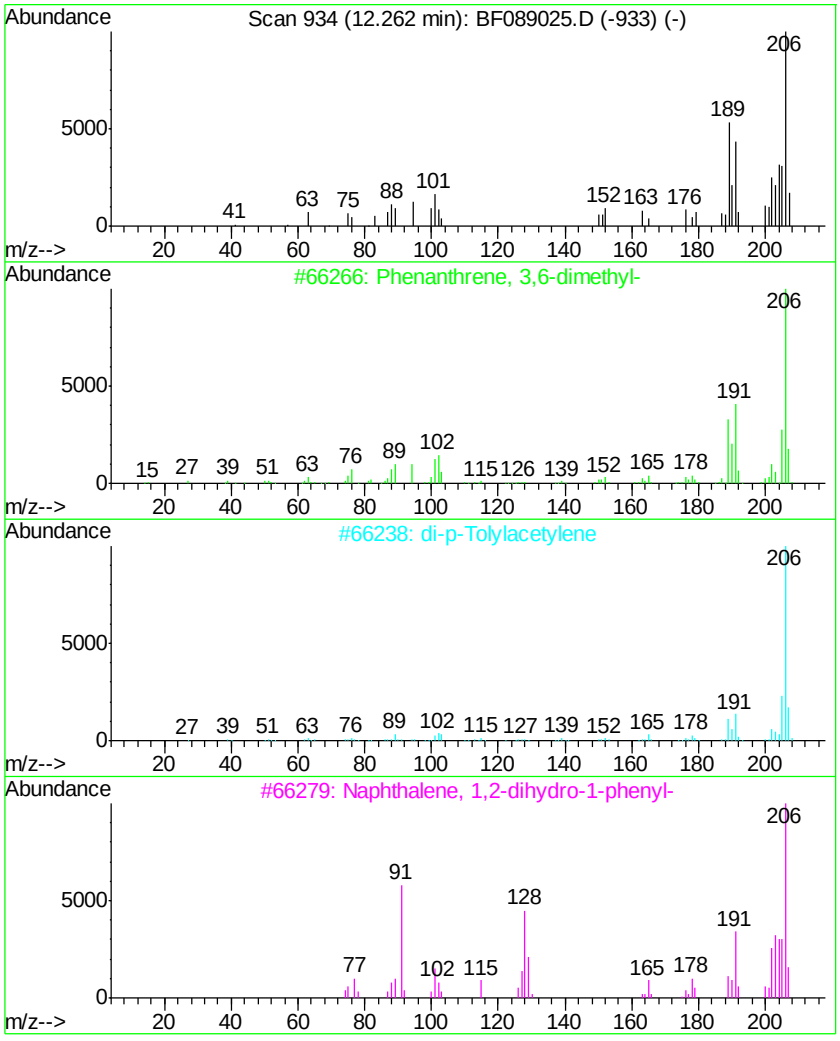
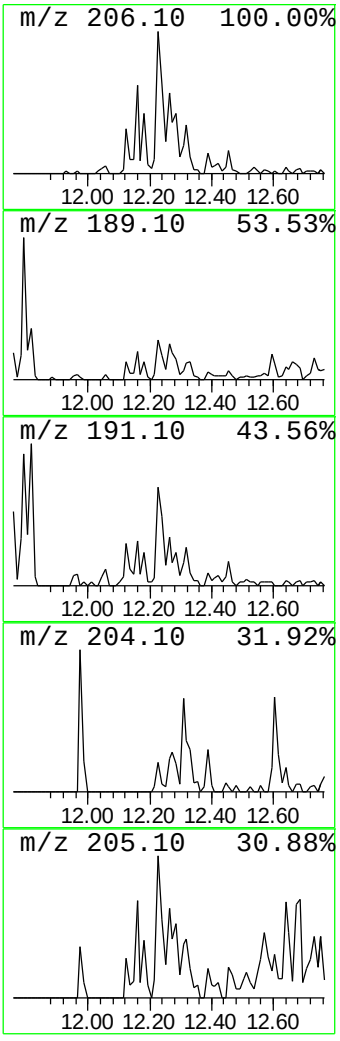
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.10 ng	60887	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
5	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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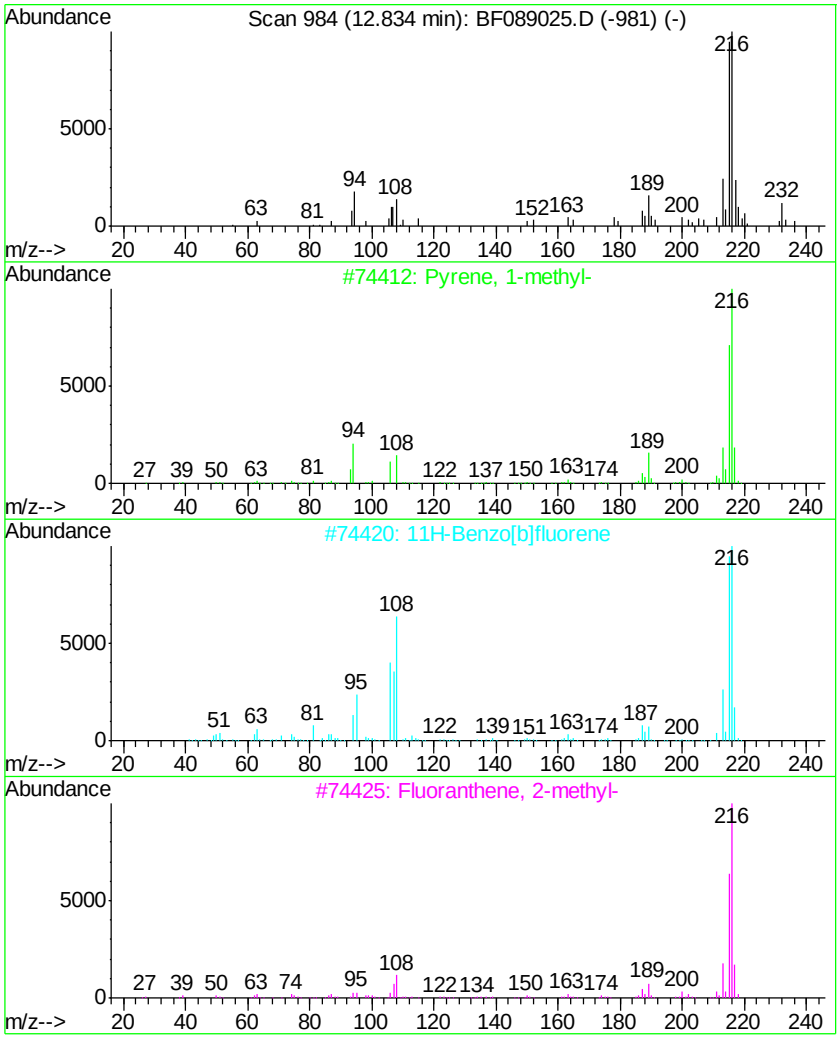
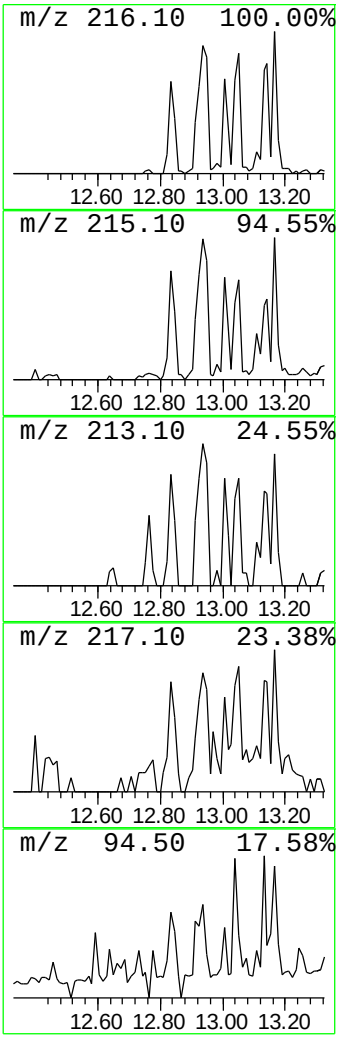
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.25 ng	82661	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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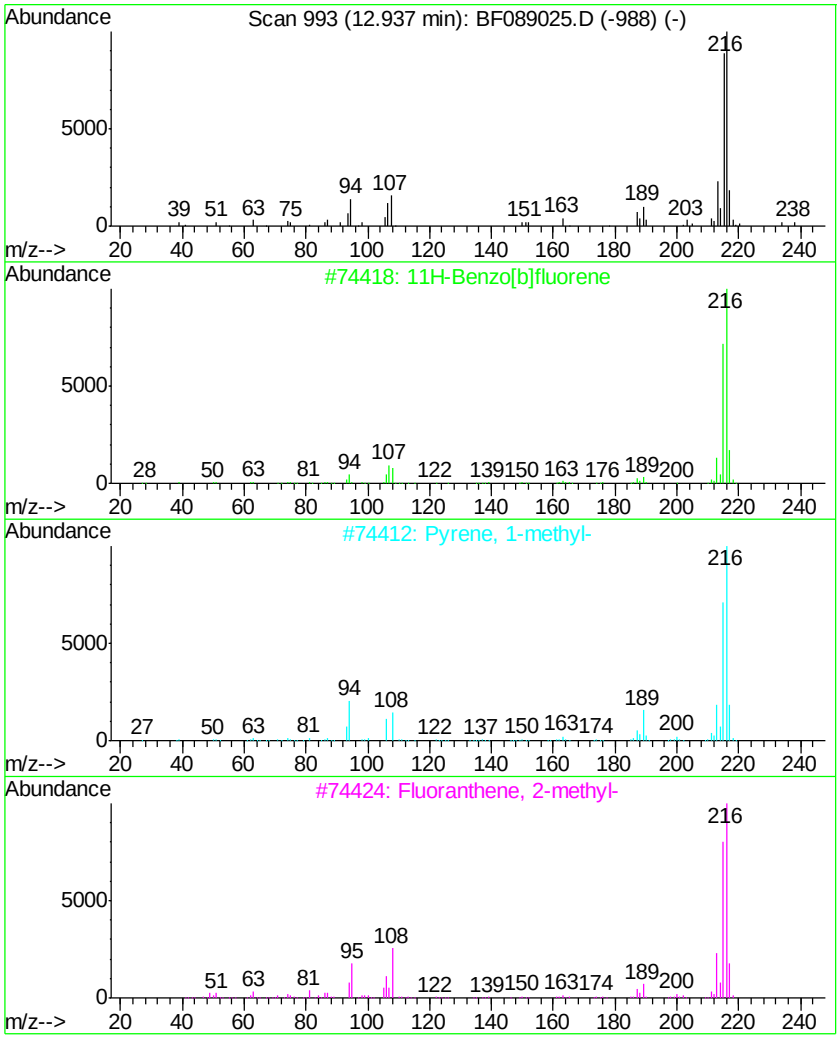
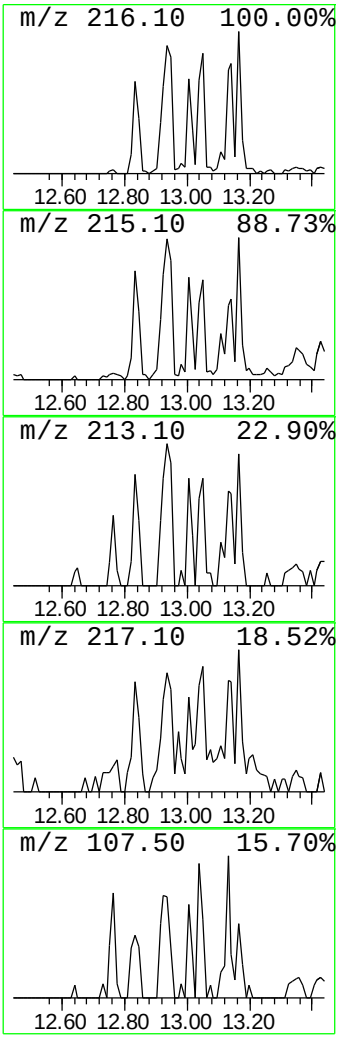
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.66 ng	134496	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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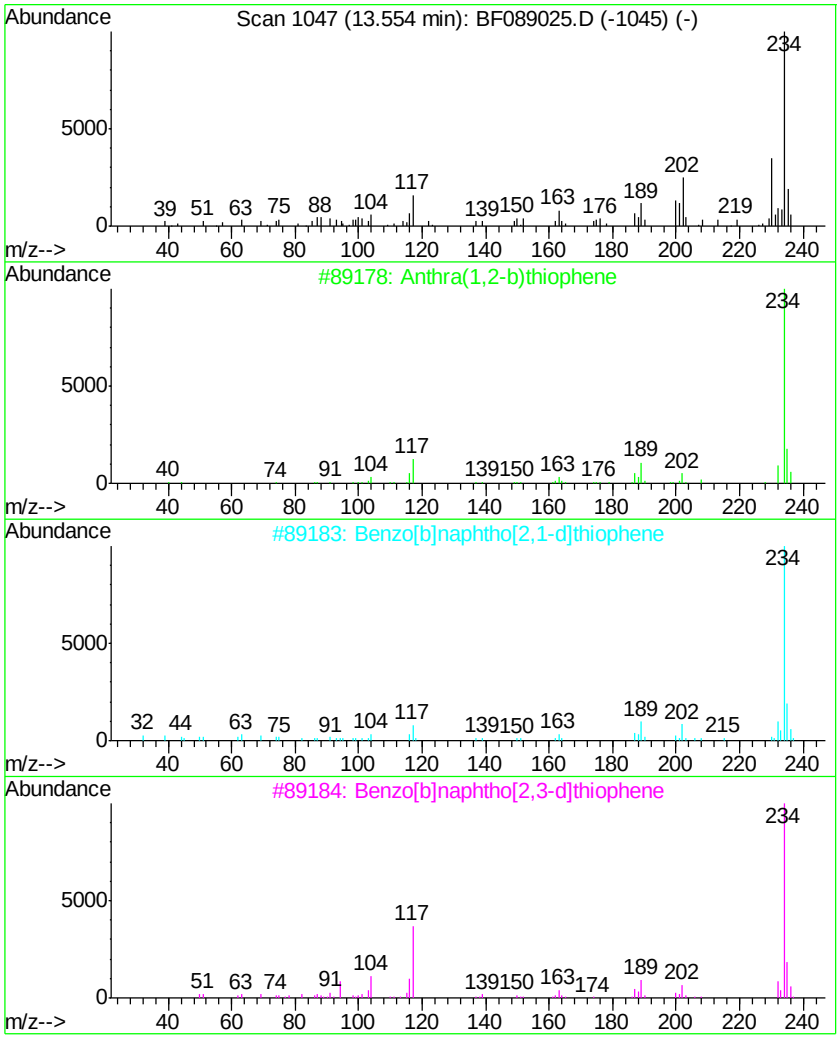
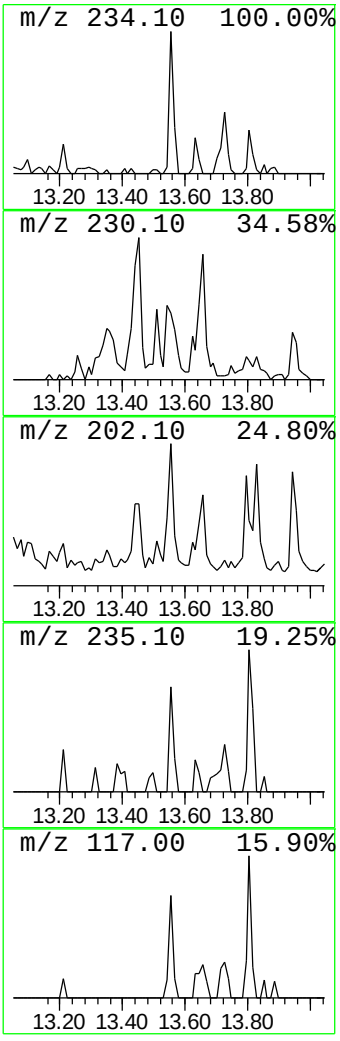
Peak Number 13 Anthra(1,2-b)thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.07 ng	75867	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	55
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53





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Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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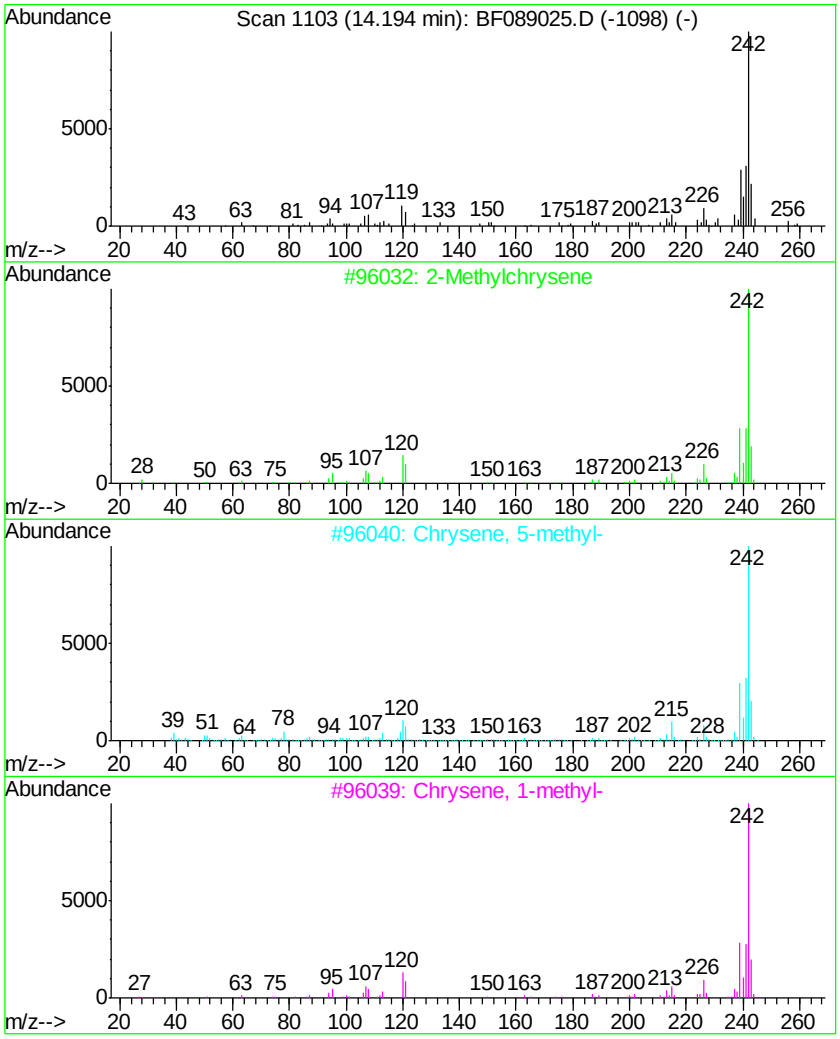
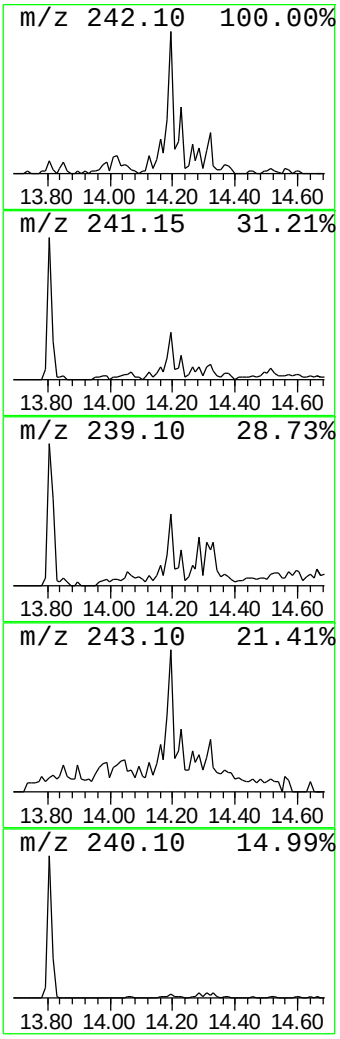
Peak Number 14 2-Methylchrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.33 ng	85667	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	94
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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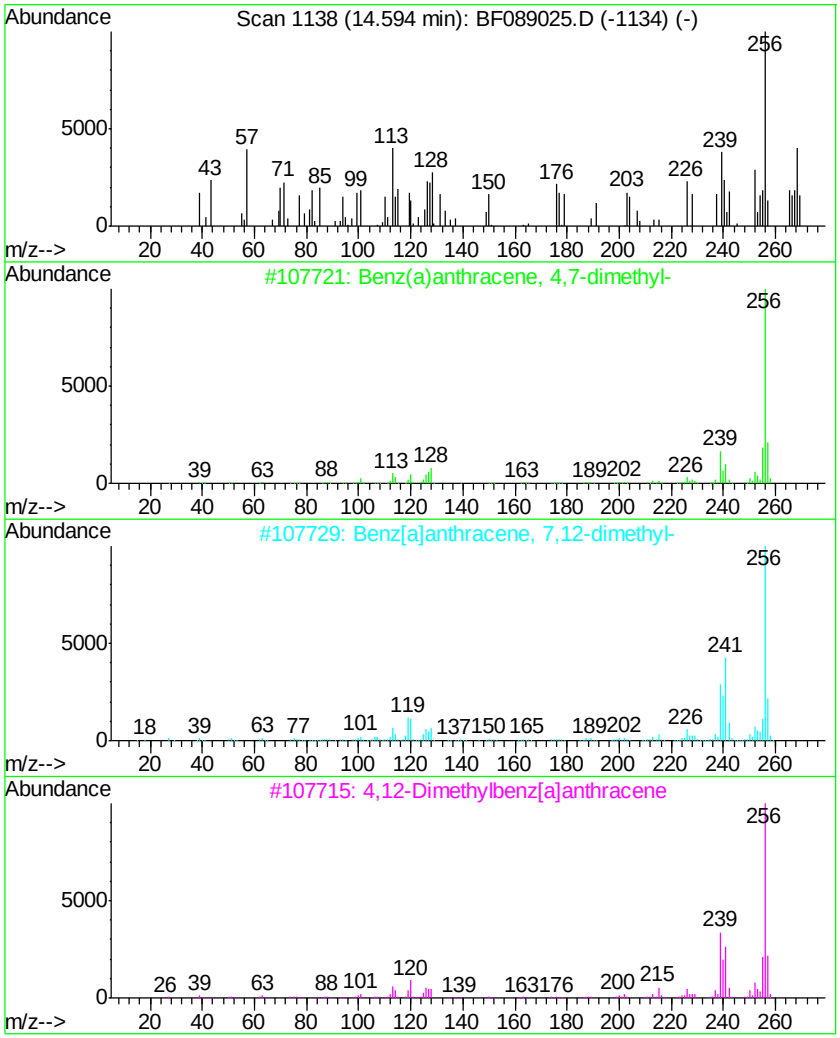
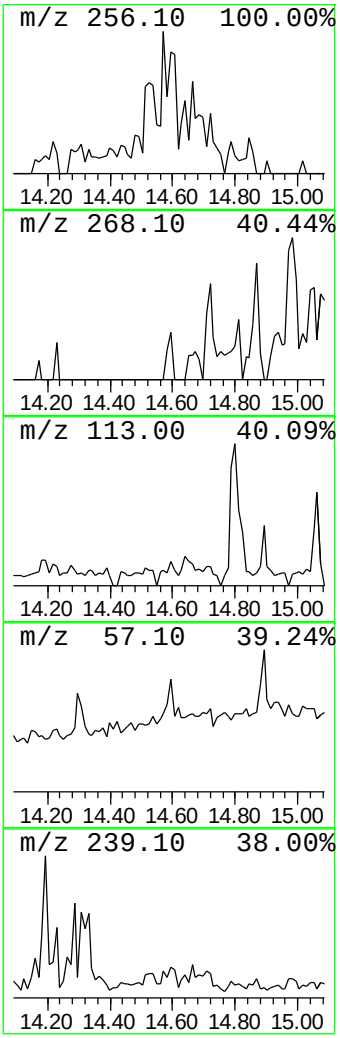
Peak Number 15 unknown14.59 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.39 ng	36449	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	45
2	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	43
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	43
4	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	38
5	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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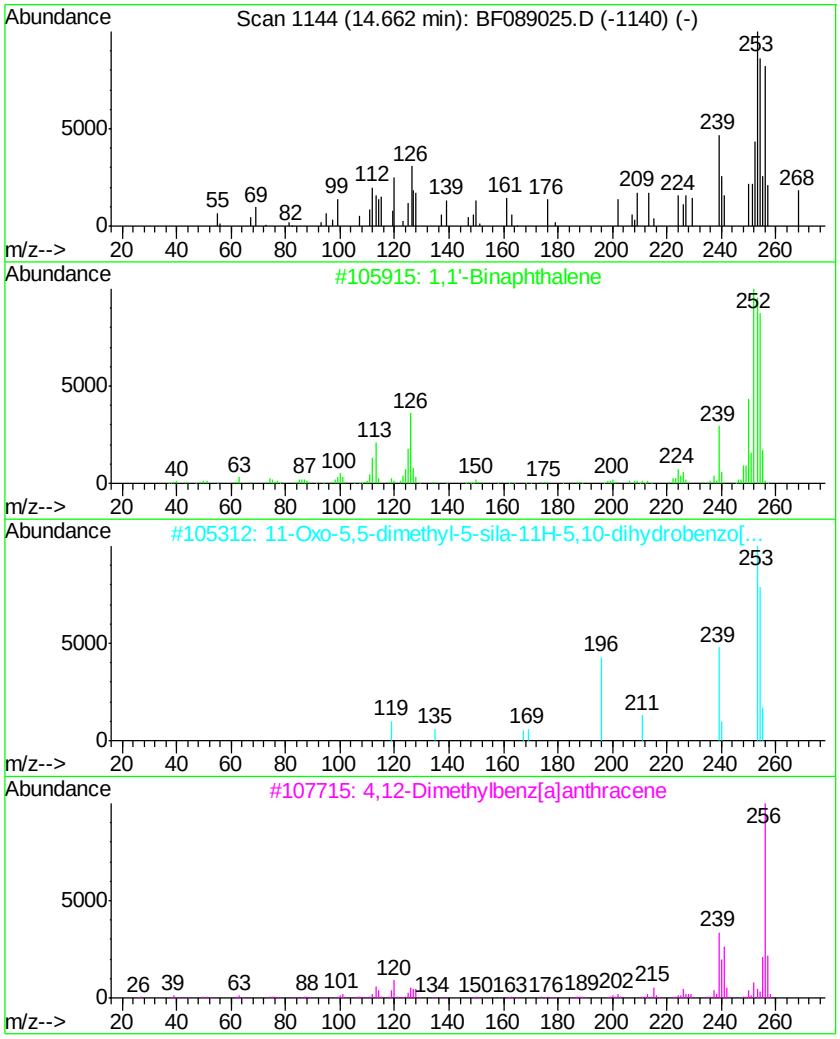
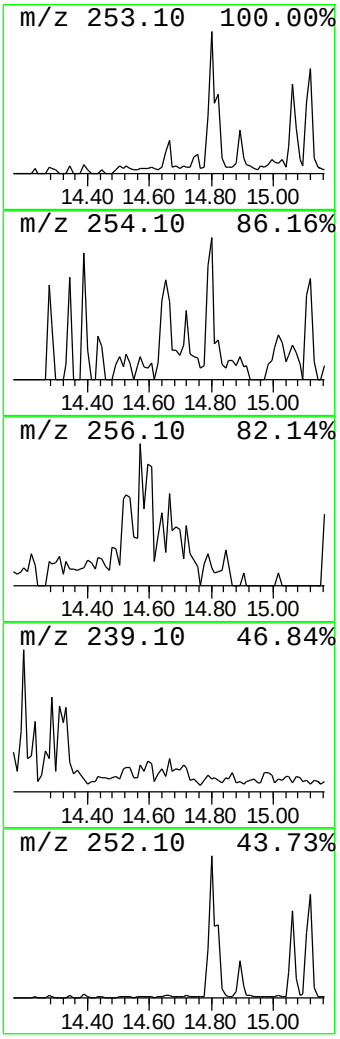
Peak Number 16 unknown14.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.16 ng	55432	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	49
2	11-Oxo-5,5-dimethyl-5-sila-11H-5...	254	C14H14N2OSi	089052-47-1	43
3	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	38
4	4-Acetyl-10-chlorophenanthrene	254	C16H11ClO	026698-35-1	38
5	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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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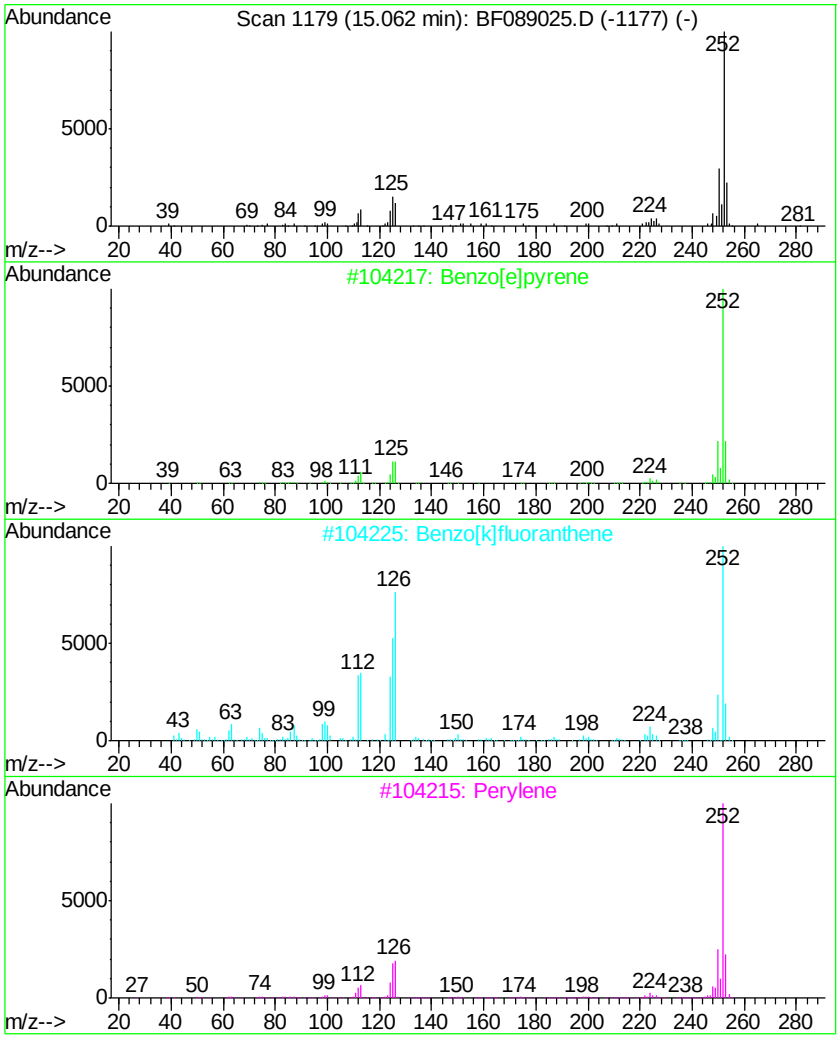
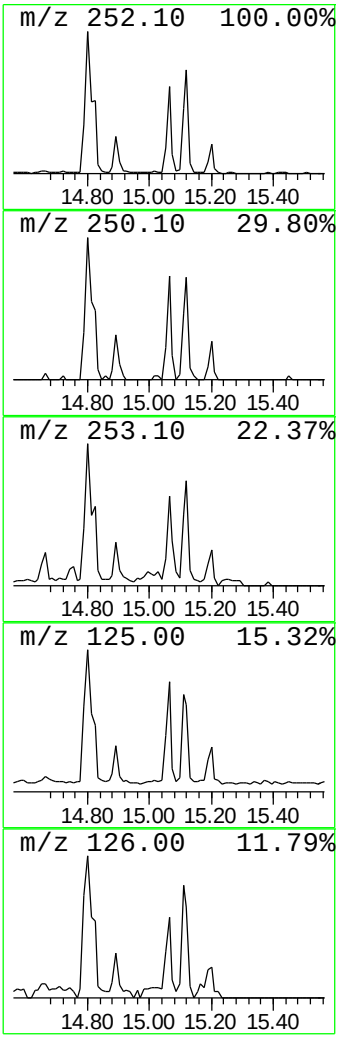
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	8.74 ng	93979	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089025.D
Acq On : 15 Jul 2016 19:28
Operator : UM/SJ
Sample : H3951-08 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB03(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
2-Pentanone, 4-hy...	4.80	3.5	ng	65610	1	6.67	369315	20.0
unknown6.44	6.44	23.3	ng	429824	1	6.67	369315	20.0
Phenanthrene, 2-m...	11.68	2.9	ng	84962	4	11.19	579030	20.0
5-Bromo-2-thiophe...	11.79	5.6	ng	162068	4	11.19	579030	20.0
9,10-Dimethylanth...	12.23	3.3	ng	96026	4	11.19	579030	20.0
Phenanthrene, 3,6...	12.26	2.1	ng	60887	4	11.19	579030	20.0
Pyrene, 1-methyl-	12.83	2.3	ng	82661	5	13.81	734239	20.0
11H-Benzo[b]fluorene	12.94	3.7	ng	134496	5	13.81	734239	20.0
Anthra(1,2-b)thio...	13.55	2.1	ng	75867	5	13.81	734239	20.0
2-Methylchrysene	14.19	2.3	ng	85667	5	13.81	734239	20.0
unknown14.59	14.59	3.4	ng	36449	6	15.18	214936	20.0
unknown14.66	14.66	5.2	ng	55432	6	15.18	214936	20.0
Benzo[e]pyrene	15.06	8.7	ng	93979	6	15.18	214936	20.0