LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

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-BF060416.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	1.701	7	10	13	rVB	3552825	4538152	100.00%	10.967%
2	1.770	15	16	26	rVV	141456	321781	7.09%	0.778%
3	1.907	26	28	44	rVB	2045409	3414311	75.24%	8.251%
4	2.113	44	46	63	rVB3	69442	232551	5.12%	0.562%
5	5.039	300	302	308	rBB	131912	206191	4.54%	0.498%
6	5.462	336	339	341	rBV	2050995	2315860	51.03%	5.597%
7	6.490	426	429	432	rBV	1775782	2218245	48.88%	5.361%
8	6.627	438	441	443	rBV	2324281	2241438	49.39%	5.417%
9	6.856	459	461	464	rBV	756300	801171	17.65%	1.936%
10	7.016	472	475	478	rVB	1929270	1723274	37.97%	4.165%
11	7.427	508	511	513	rBV	1372253	1519565	33.48%	3.672%
12	8.148	571	574	576	rBV	1276603	1179833	26.00%	2.851%
13	9.222	665	668	671	rBV	2254171	2328347	51.31%	5.627%
14	9.553	695	697	701	rBV	23836	52619	1.16%	0.127%
15	9.622	701	703	705	rVB	457131	434237	9.57%	1.049%
16	9.759	713	715	717	rBV	160511	130463	2.87%	0.315%
17	9.896	725	727	729	rBV2	921848	1060076	23.36%	2.562%
18	9.931	729	730	732	rVB	85743	65984	1.45%	0.159%
19	10.102	743	745	747	rBV	73218	60521	1.33%	0.146%
20	10.445	773	775	778	rVB	90967	87238	1.92%	0.211%
21	10.685	793	796	798	rBV	1310823	1195398	26.34%	2.889%
22	10.811	802	807	811	rBV	85568	116142	2.56%	0.281%
23	11.188	838	840	842	rVB	46495	54081	1.19%	0.131%
24	11.256	842	846	847	rBV3	55709	98509	2.17%	0.238%
25	11.382	855	857	858	rBV	1066466	1002905	22.10%	2.424%
26	11.451	861	863	865	rVB	178396	207776	4.58%	0.502%
27	11.611	874	877	878	rBV	123096	131644	2.90%	0.318%
28	11.885	898	901	902	rBV	172115	186307	4.11%	0.450%
29	11.908	902	903	905	rVV	262378	226103	4.98%	0.546%
30	11.954	905	907	909	rVV	89561	95046	2.09%	0.230%
31	11.988	909	910	915	rVB	232512	383873	8.46%	0.928%
32	12.091	915	919	920	rBV4	26147	64135	1.41%	0.155%
33	12.194	924	928	931	rVB3	102275	208629	4.60%	0.504%
34	12.331	937	940	941	rBV2	47925	70156	1.55%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.434	946	949	950	rBV	130257	151043	3.33%	0.365%
36	12.468	950	952	955	rVV2	77627	131390	2.90%	0.318%
37	12.514	955	956	959	rVB2	101318	101769	2.24%	0.246%
38	12.594	960	963	965	rVV	1396345	1227908	27.06%	2.967%
39	12.639	965	967	970	rBV3	36673	80944	1.78%	0.196%
40	12.742	972	976	978	rBV3	48241	103055	2.27%	0.249%
41	12.822	980	983	985	rBV	1239433	1352725	29.81%	3.269%
42	12.868	985	987	990	rVB2	52723	86108	1.90%	0.208%
43	12.937	991	993	994	rBV	58955	56215	1.24%	0.136%
44	12.971	994	996	998	rVB	1786051	1730549	38.13%	4.182%
45	13.039	998	1002	1004	rBV2	99063	131369	2.89%	0.317%
46	13.142	1008	1011	1013	rVB2	138860	245986	5.42%	0.594%
47	13.211	1015	1017	1018	rBV	87986	72590	1.60%	0.175%
48	13.245	1018	1020	1024	rVB2	135042	175580	3.87%	0.424%
49	13.337	1027	1028	1030	rVB	66245	79264	1.75%	0.192%
50	13.371	1030	1031	1033	rBV	97378	88412	1.95%	0.214%
51	13.451	1036	1038	1041	rBV4	31493	71790	1.58%	0.173%
52	13.645	1053	1055	1060	rBV	119466	185351	4.08%	0.448%
53	13.760	1062	1065	1067	rBV	117618	195108	4.30%	0.472%
54	13.794	1067	1068	1069	rVV	114907	95783	2.11%	0.231%
55	13.851	1072	1073	1079	rVB2	80785	217902	4.80%	0.527%
56	14.011	1084	1087	1093	rVV3	1061361	2212279	48.75%	5.346%
57	14.400	1119	1121	1123	rBV	120832	128503	2.83%	0.311%
58	14.434	1123	1124	1126	rBV	83807	68850	1.52%	0.166%
59	15.040	1174	1177	1182	rBV	522493	1037517	22.86%	2.507%
60	15.143	1184	1186	1188	rVB	111384	128794	2.84%	0.311%
61	15.325	1200	1202	1205	rVB	311516	408772	9.01%	0.988%
62	15.383	1205	1207	1210	rBV	342420	472952	10.42%	1.143%
63	15.451	1210	1213	1214	rBV	527094	610989	13.46%	1.477%
64	16.846	1332	1335	1339	rVB2	195993	392076	8.64%	0.948%
65	17.257	1368	1371	1376	rBV	164123	364486	8.03%	0.881%

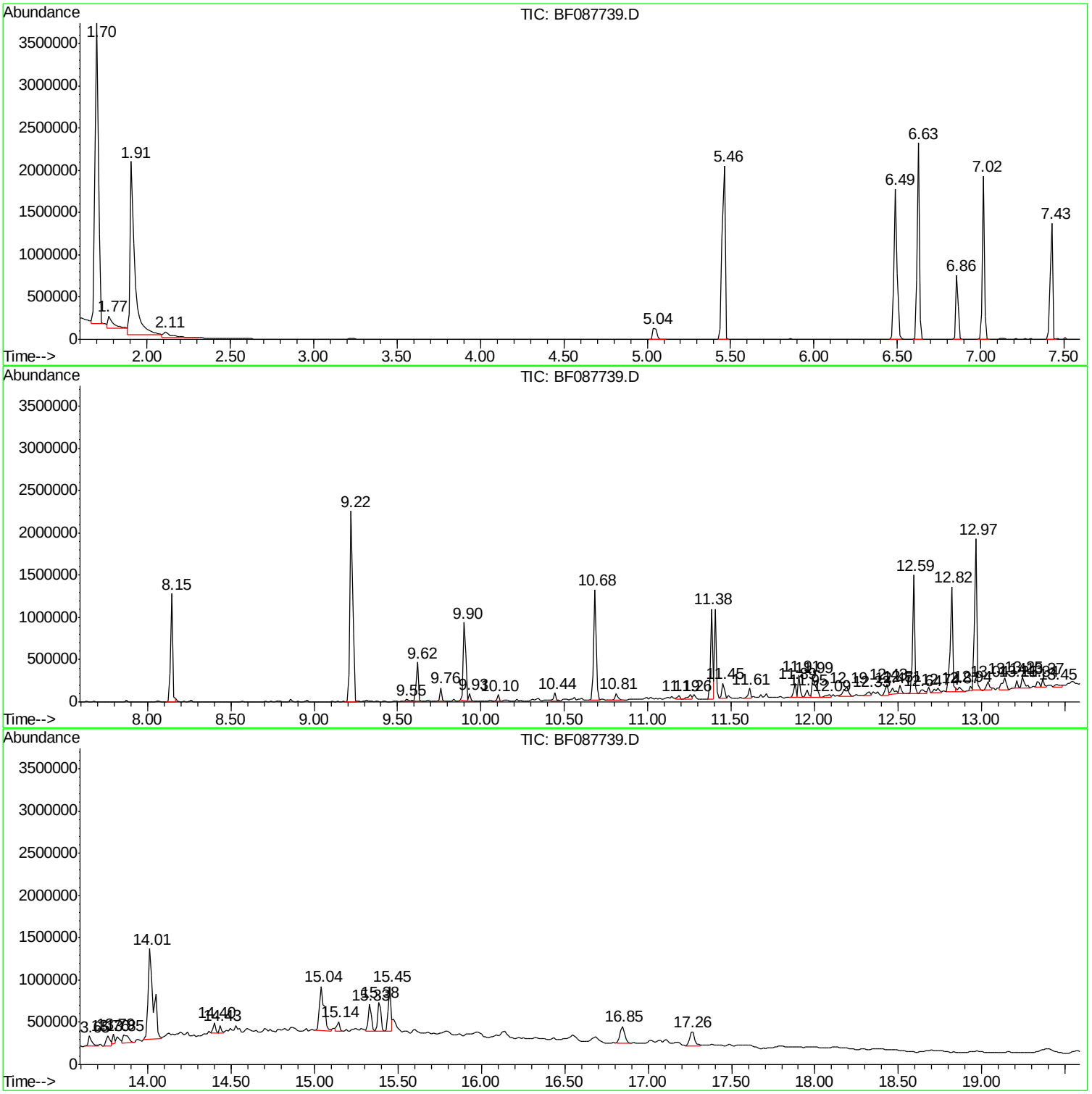
Sum of corrected areas: 41378620

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

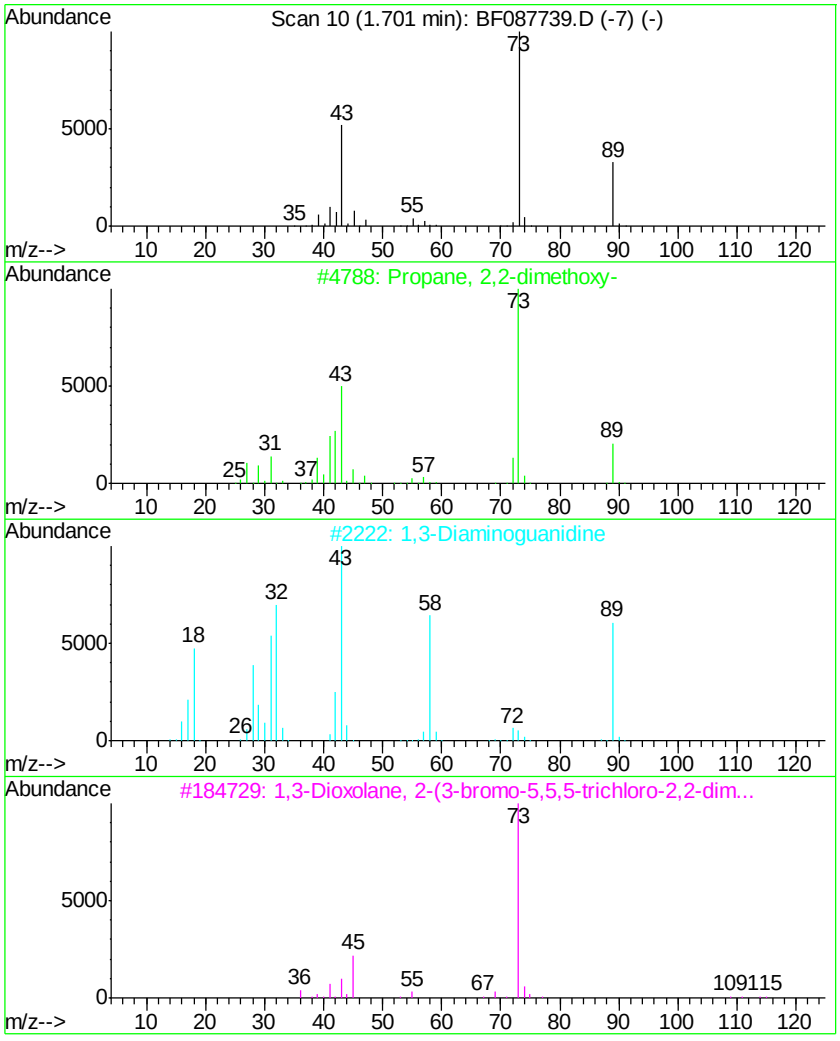
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

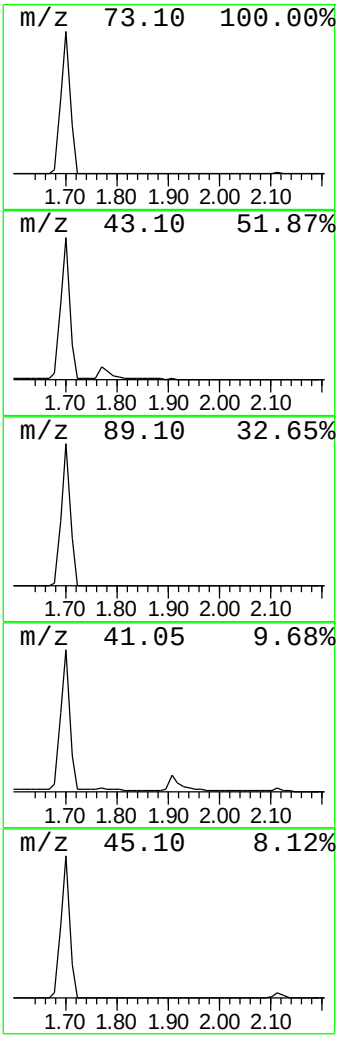
****

Peak Number 1 unknown1.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.70	113.29 ng	4538150	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

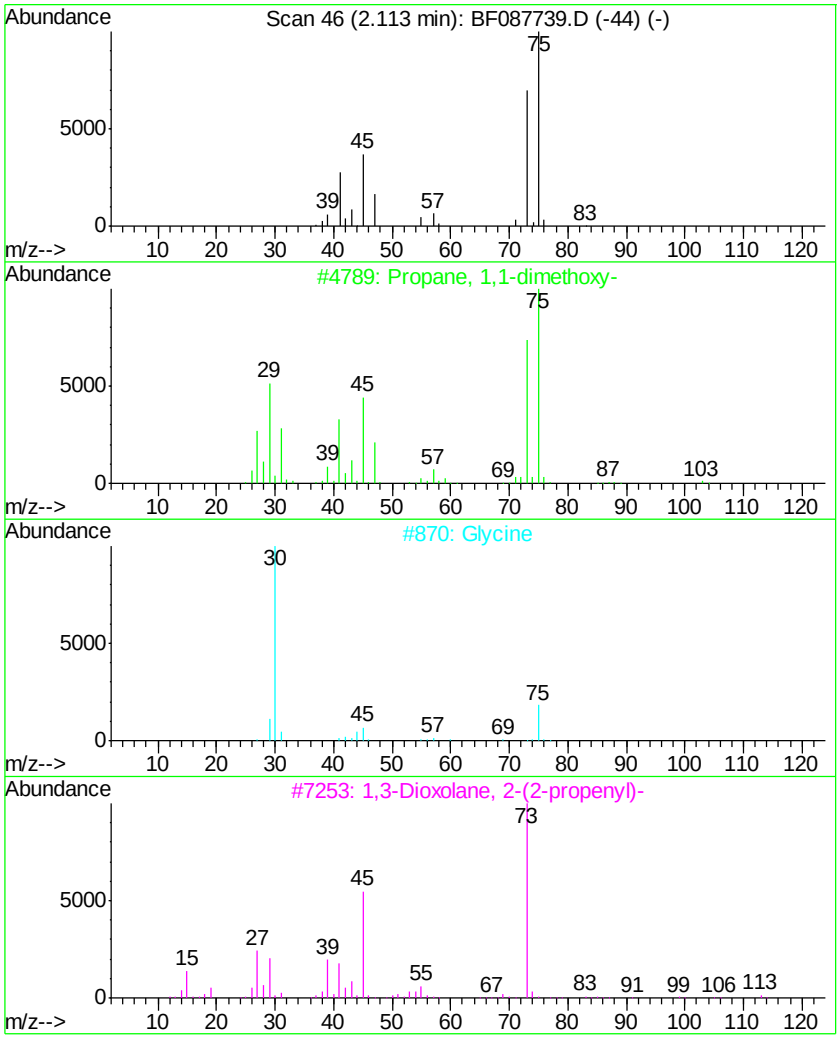
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

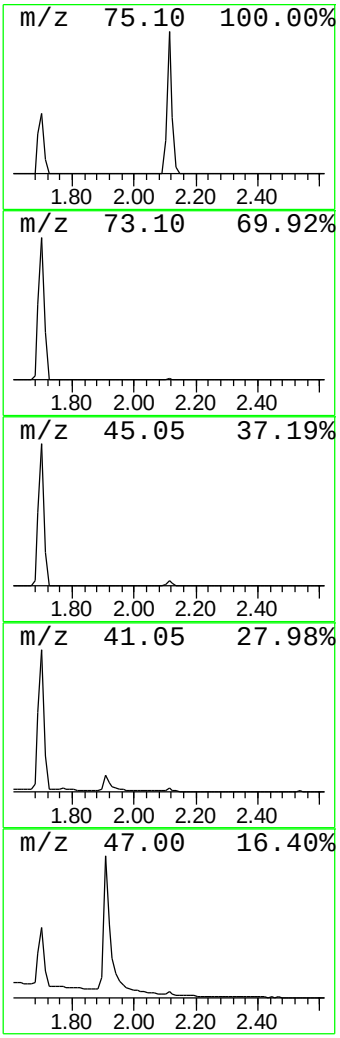
****

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	5.81 ng	232551	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Glycine	75	C2H5NO2	000056-40-6	9
3	1,3-Dioxolane, 2-(2-propenyl)-	114	C6H10O2	038653-49-5	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2-Bromomethyl-1,3-dioxolane	166	C4H7BrO2	004360-63-8	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

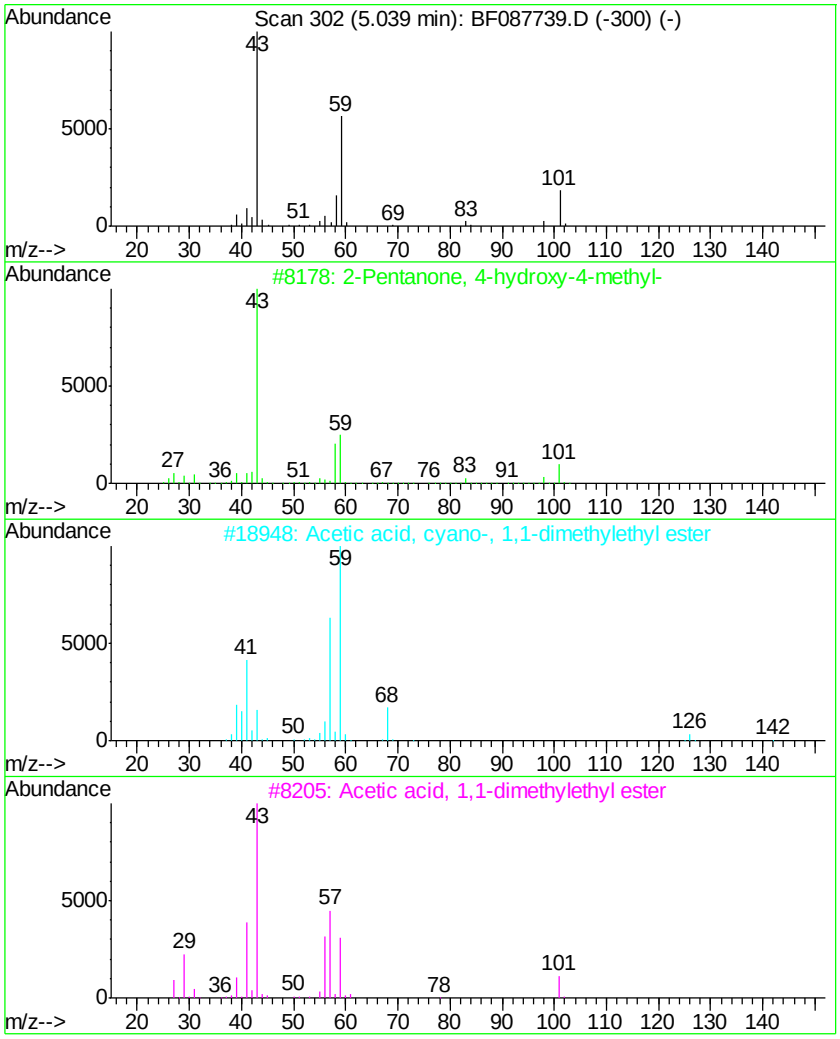
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

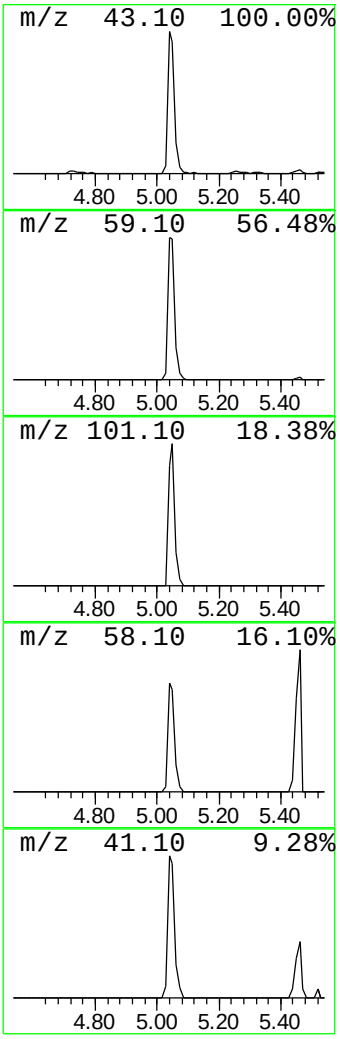
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	5.15 ng	206191	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

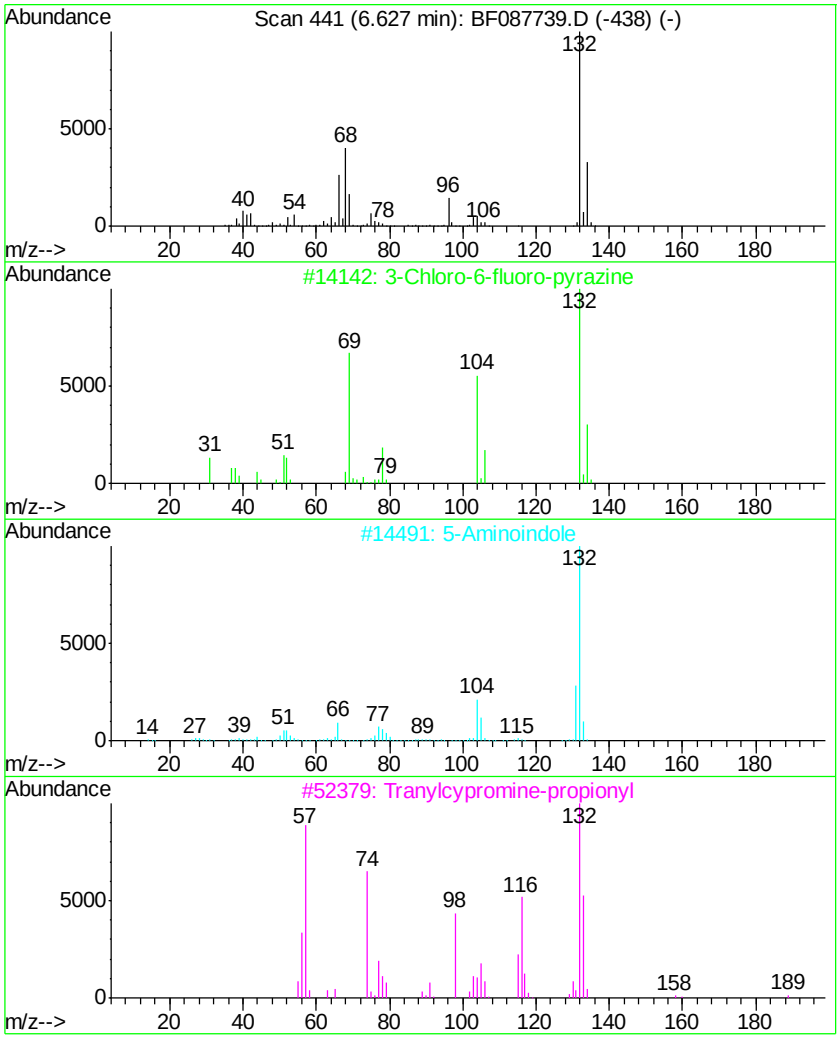
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

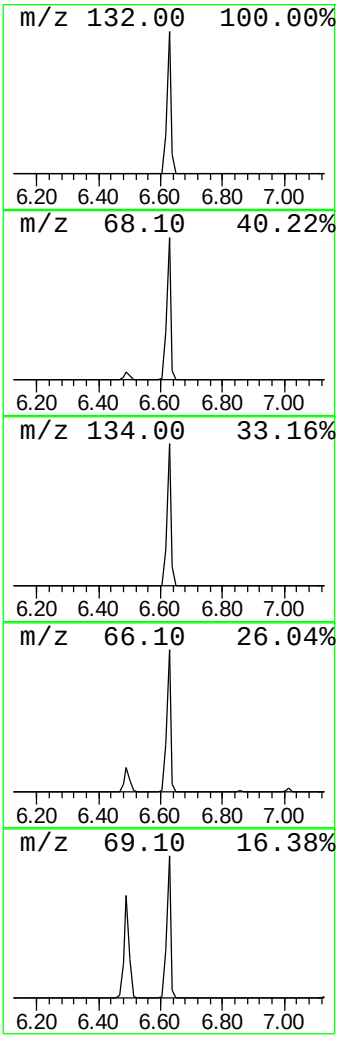
****

Peak Number 6 unknown6.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	55.95 ng	2241440	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

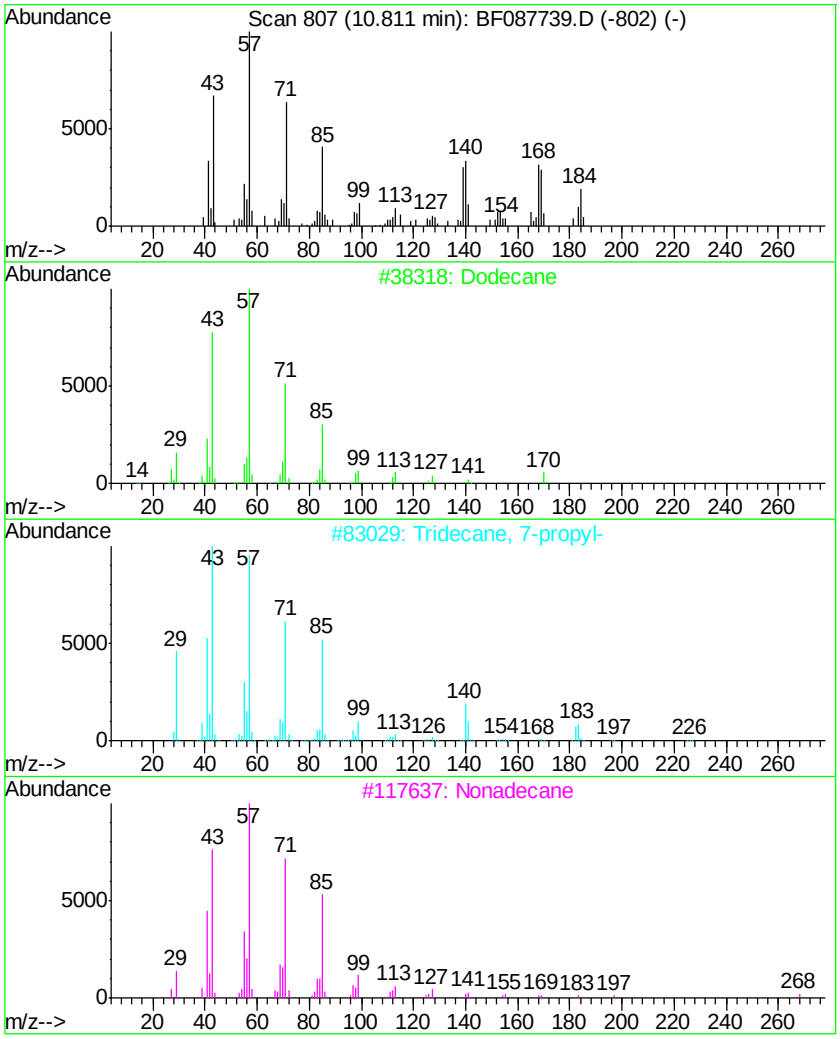
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

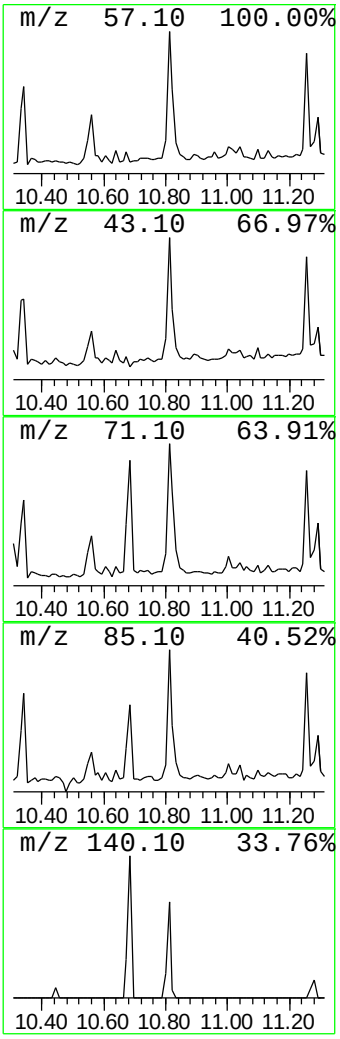
****

Peak Number 8 unknown10.81 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.32 ng	116142	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	49
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	43
3	Nonadecane	268	C19H40	000629-92-5	42
4	Hexacosane	366	C26H54	000630-01-3	38
5	Tetracosane	338	C24H50	000646-31-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

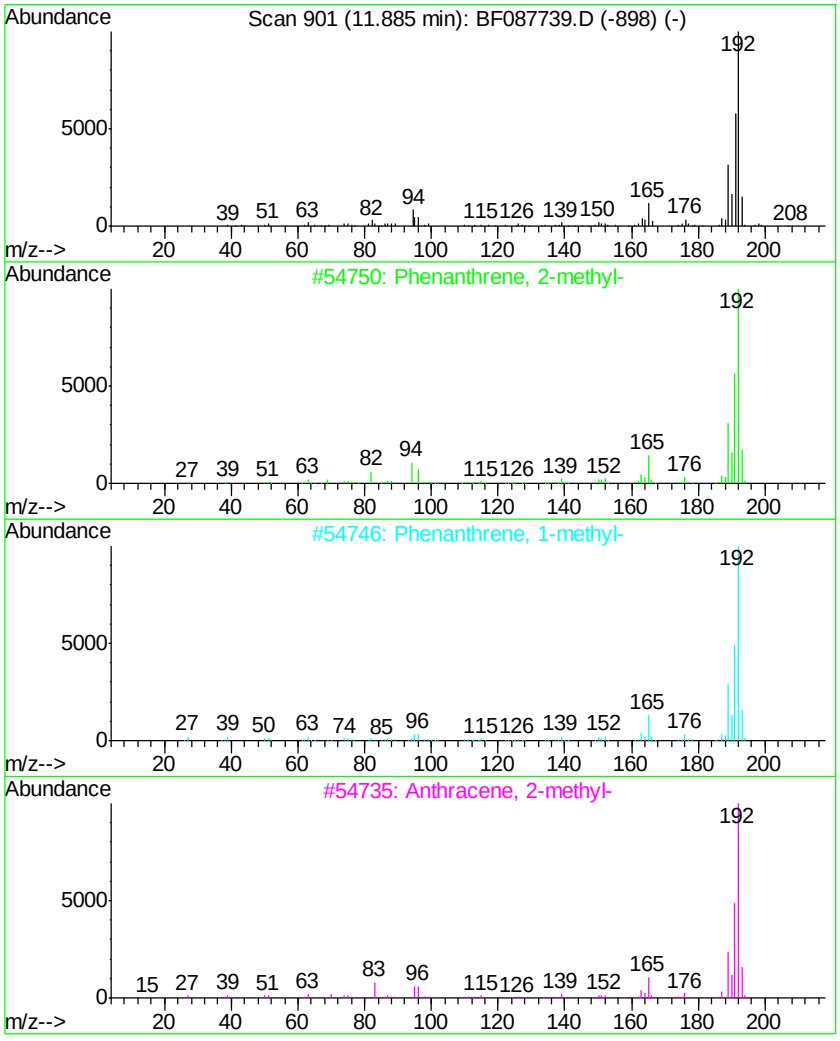
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

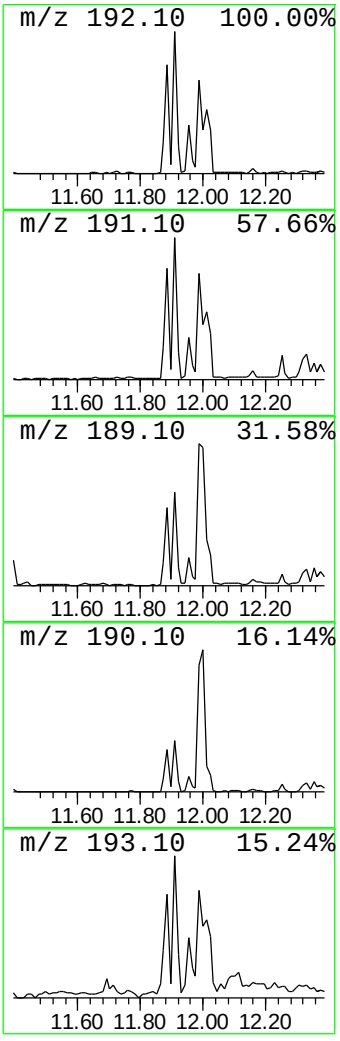
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.72 ng	186307	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

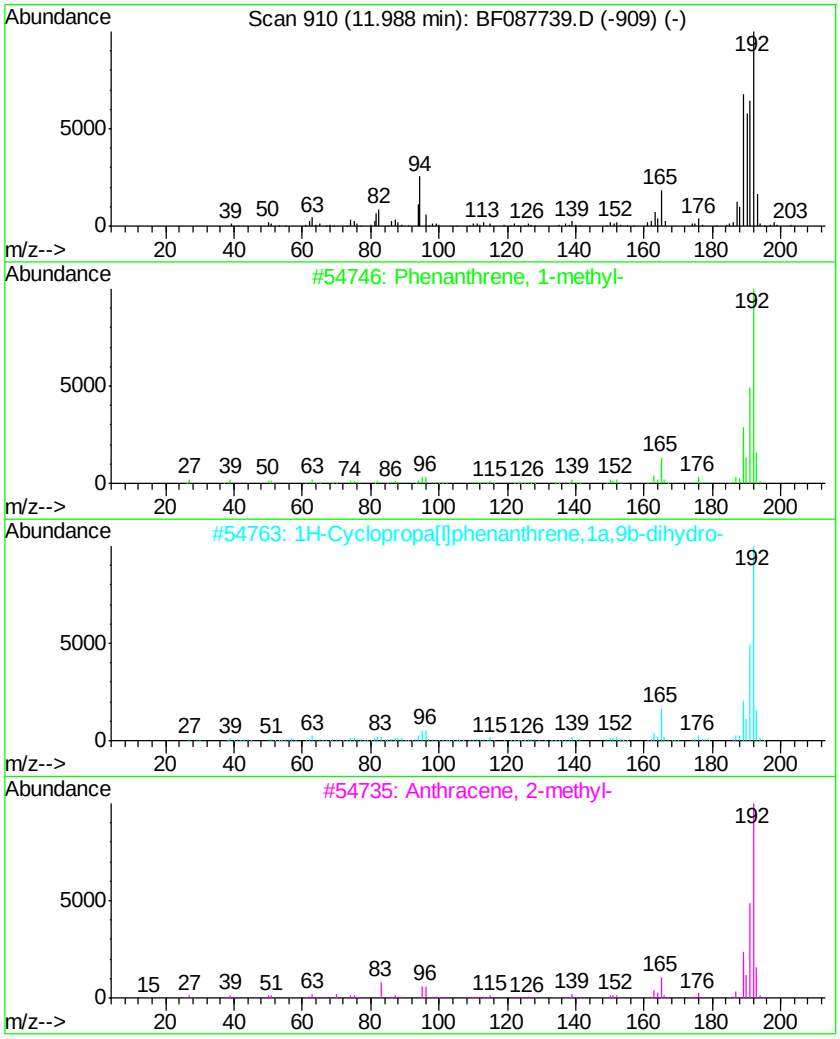
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

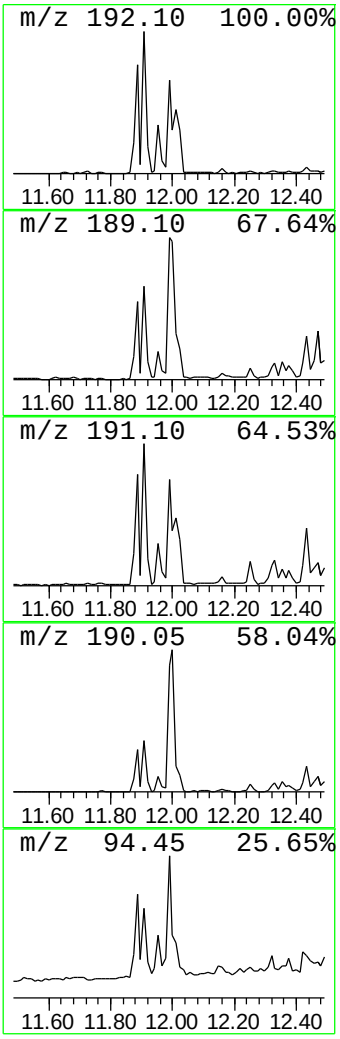
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.66 ng	383873	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

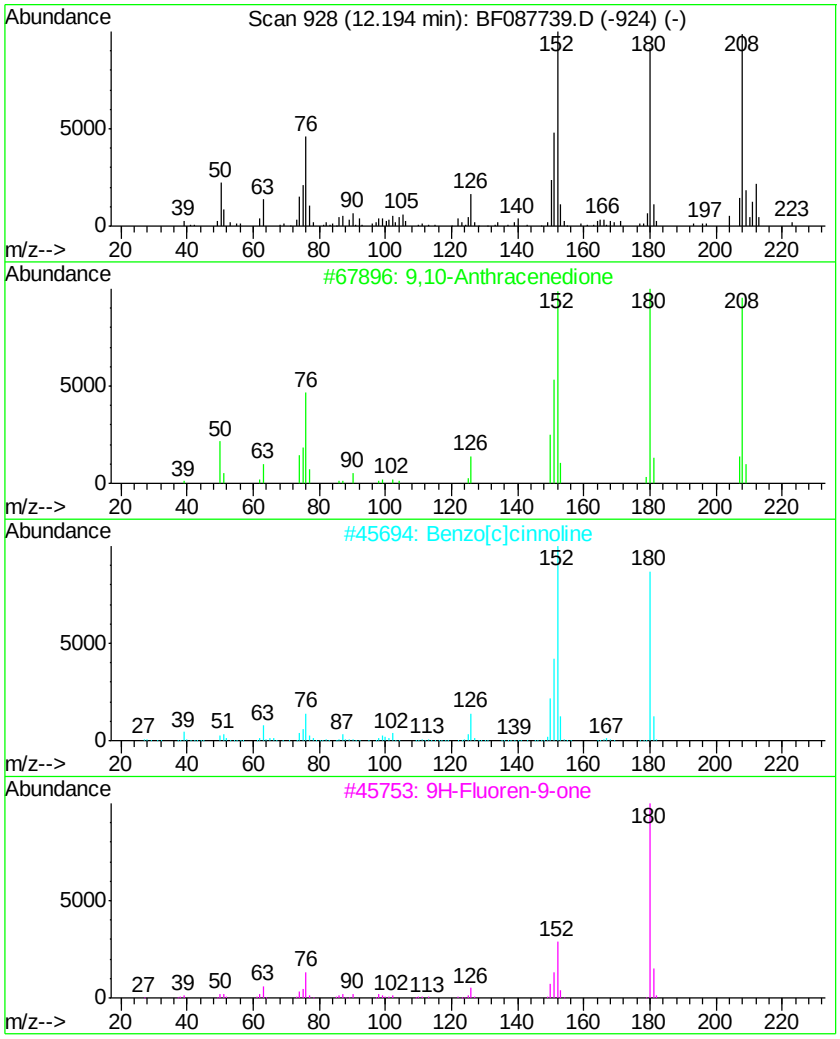
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

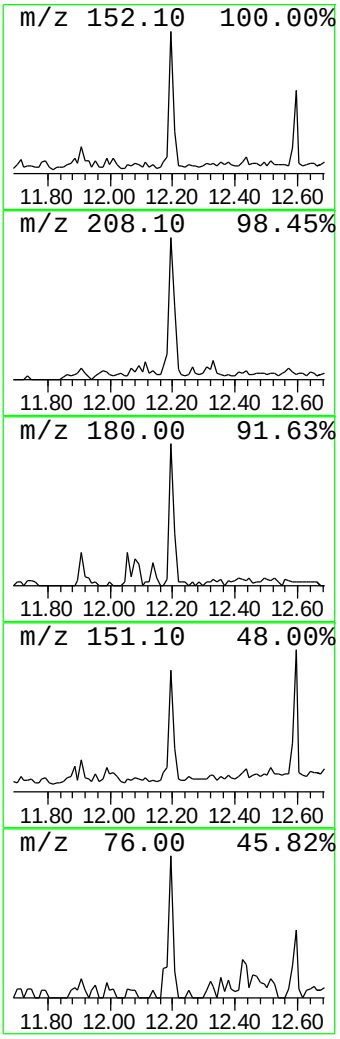
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.16 ng	208629	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

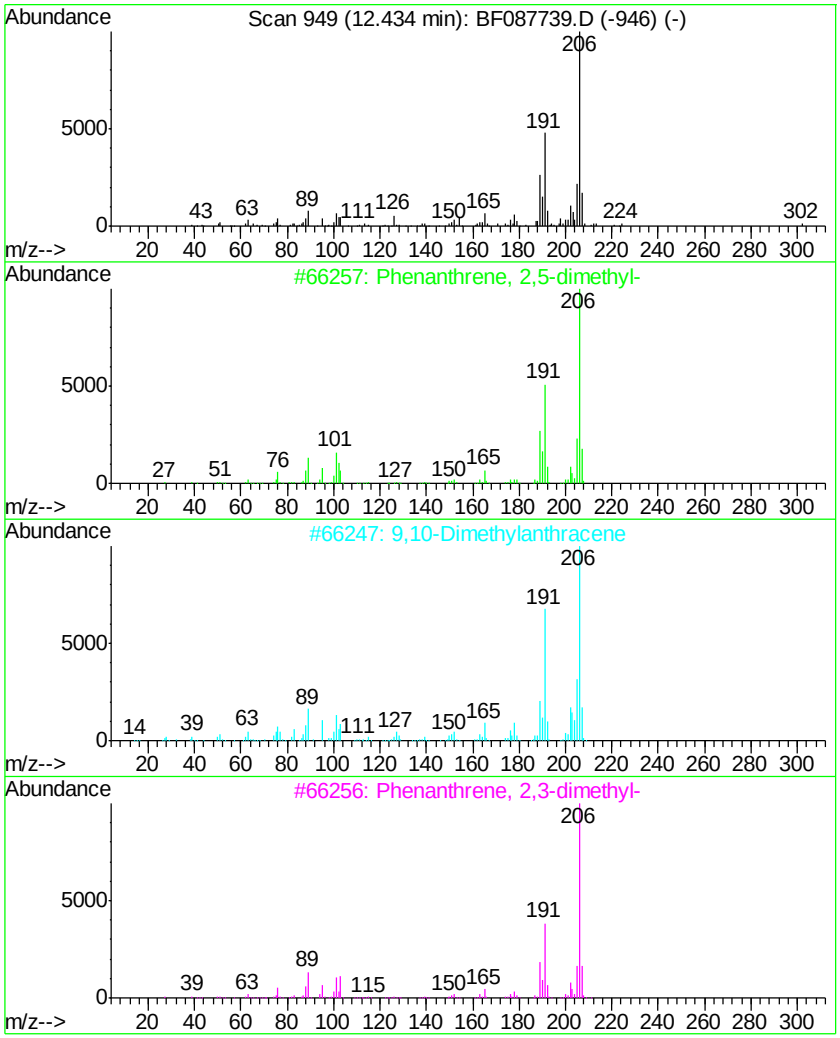
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

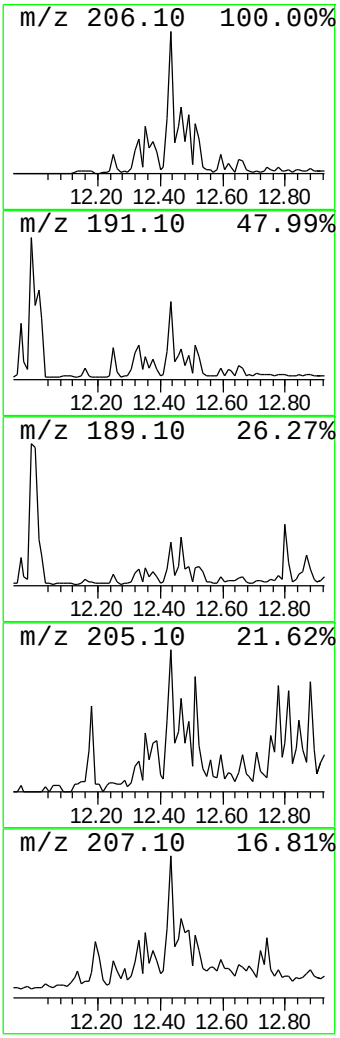
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.01 ng	151043	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

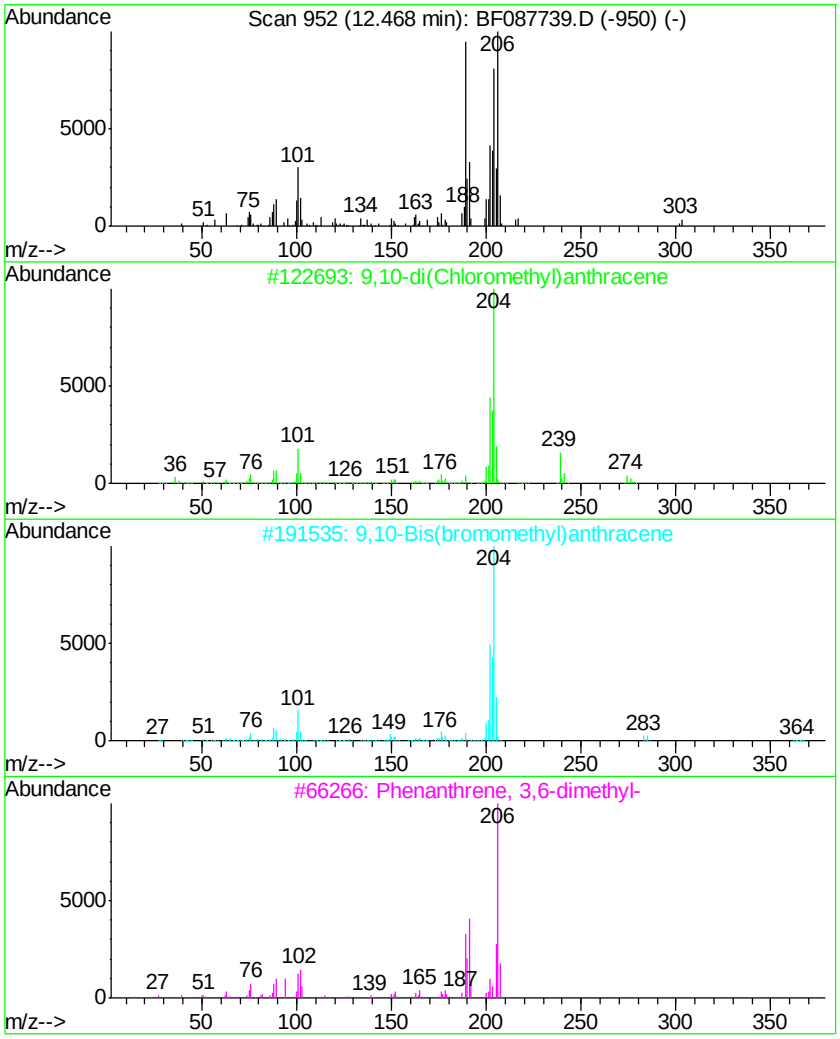
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

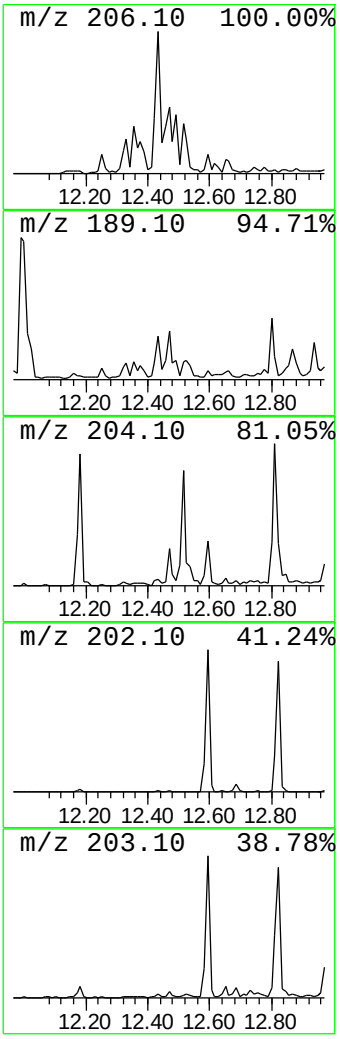
****

Peak Number 14 unknown12.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.62 ng	131390	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

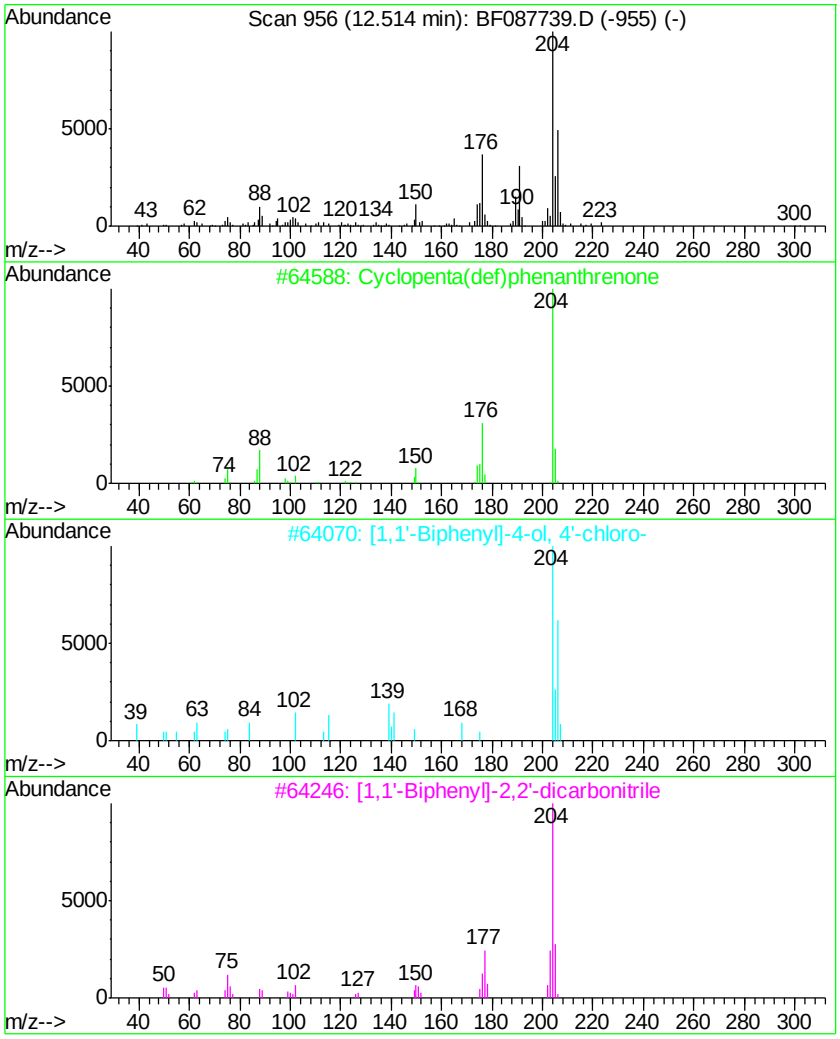
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

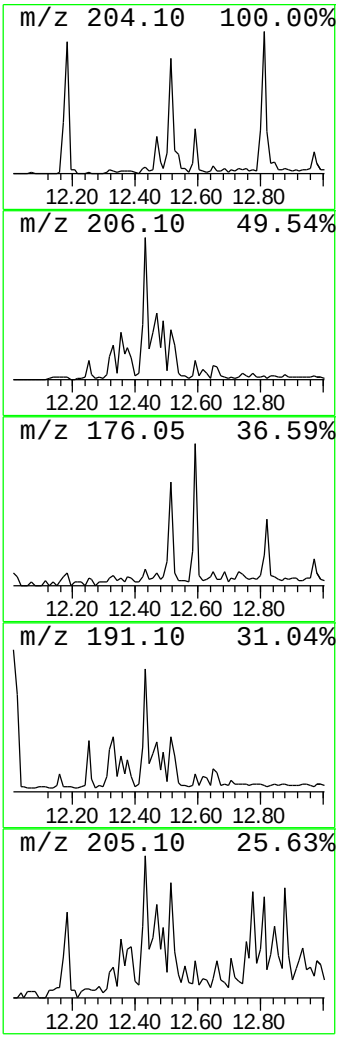
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.03 ng	101769	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

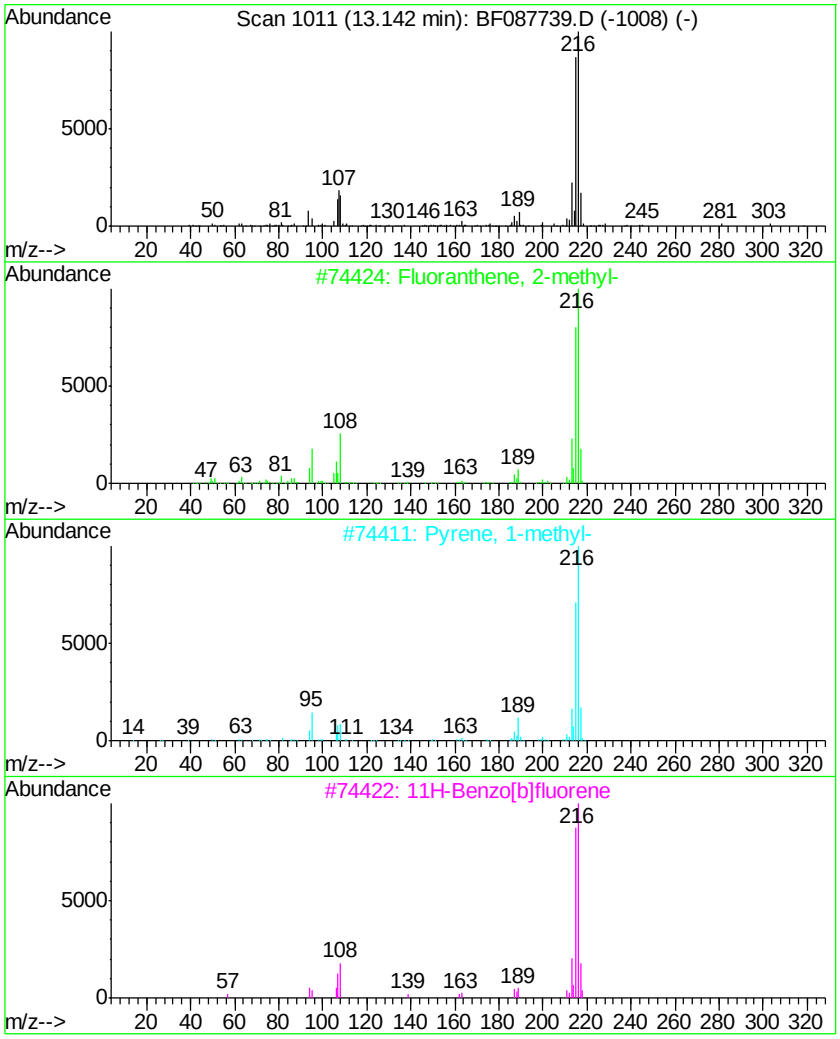
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

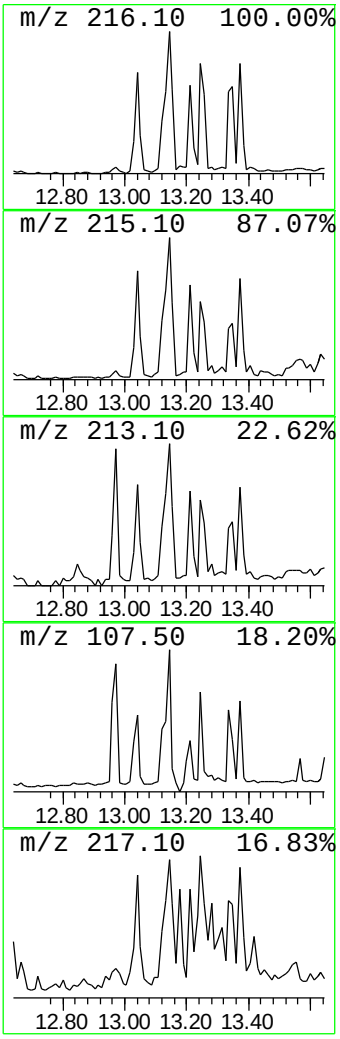
****

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	2.22 ng	245986	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

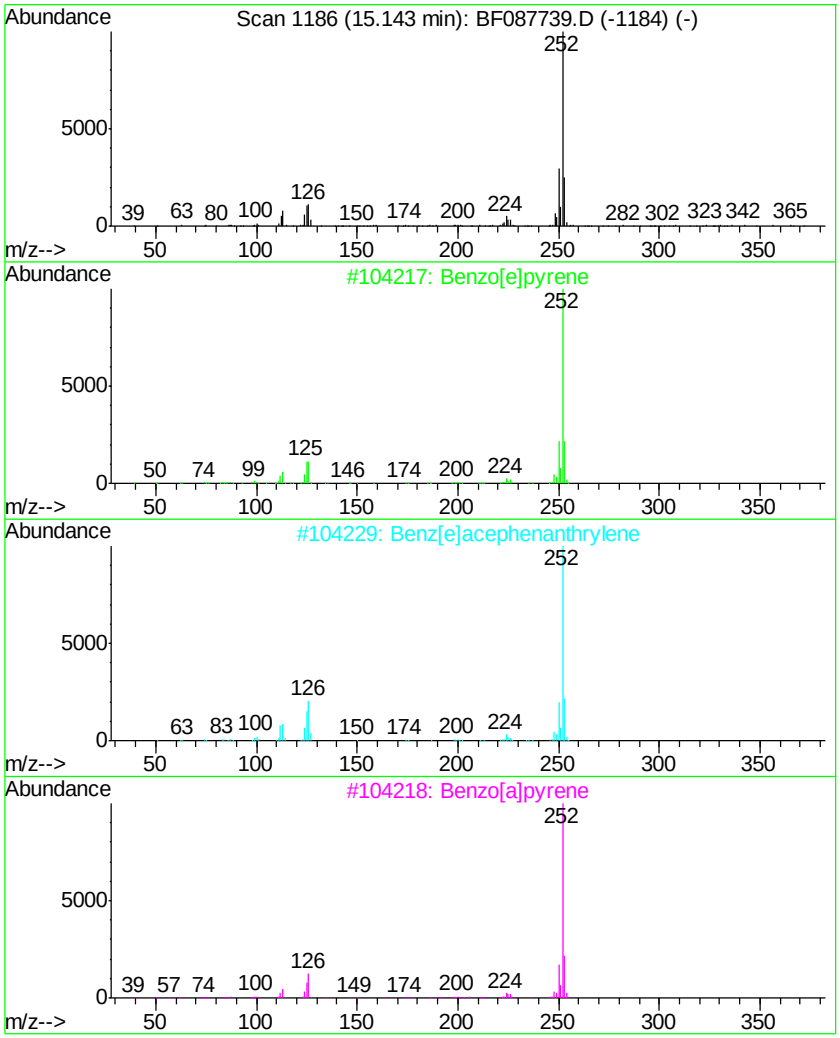
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

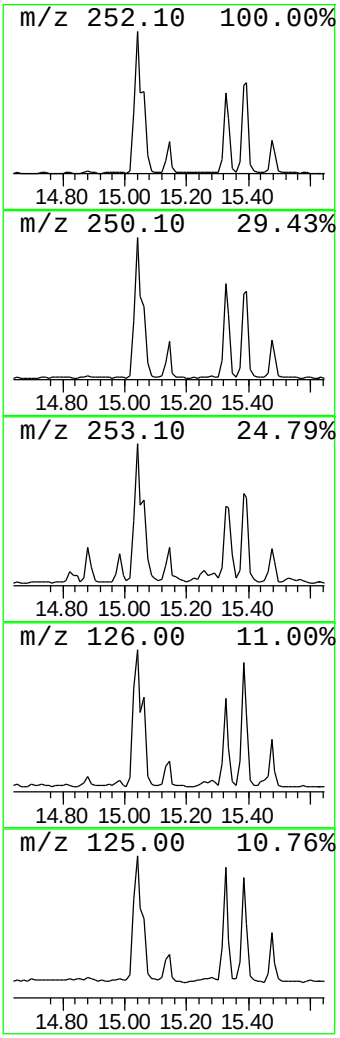
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.22 ng	128794	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087739.D
Acq On : 6 Jun 2016 6:50
Operator : UM/SJ
Sample : H3354-01
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-27-20160531

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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
unknown1.70	1.70	113.3	ng	4538150	1	6.86	801171	20.0
Propane, 1,1-dime...	2.11	5.8	ng	232551	1	6.86	801171	20.0
2-Pentanone, 4-hy...	5.04	5.2	ng	206191	1	6.86	801171	20.0
unknown6.63	6.63	56.0	ng	2241440	1	6.86	801171	20.0
unknown10.81	10.81	2.3	ng	116142	4	11.38	1002910	20.0
Phenanthrene, 2-m...	11.89	3.7	ng	186307	4	11.38	1002910	20.0
Phenanthrene, 1-m...	11.99	7.7	ng	383873	4	11.38	1002910	20.0
9,10-Anthracenedione	12.19	4.2	ng	208629	4	11.38	1002910	20.0
Phenanthrene, 2,5...	12.43	3.0	ng	151043	4	11.38	1002910	20.0
unknown12.47	12.47	2.6	ng	131390	4	11.38	1002910	20.0
Cyclopenta(def)ph...	12.51	2.0	ng	101769	4	11.38	1002910	20.0
Fluoranthene, 2-m...	13.14	2.2	ng	245986	5	14.02	2212280	20.0
Benzo[e]pyrene	15.14	4.2	ng	128794	6	15.45	610989	20.0