LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

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-BF060716.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	1.713	10	11	59	rVB	1110557	2714094	100.00%	12.650%
2	4.696	271	272	283	rBV	33770	71088	2.62%	0.331%
3	5.164	312	313	330	rBV5	559184	908684	33.48%	4.235%
4	6.250	405	408	415	rBV	704787	893525	32.92%	4.165%
5	6.353	415	417	435	rVB	944505	1055174	38.88%	4.918%
6	6.582	435	437	449	rBV	356639	408977	15.07%	1.906%
7	6.730	449	450	453	rBV	427359	649967	23.95%	3.029%
8	7.153	485	487	505	rBV	453987	616178	22.70%	2.872%
9	7.873	548	550	562	rBV	456237	603138	22.22%	2.811%
10	8.948	642	644	646	rBV	904123	818637	30.16%	3.816%
11	9.348	677	679	682	rVV	151339	131870	4.86%	0.615%
12	9.473	688	690	693	rBV	61598	72517	2.67%	0.338%
13	9.610	700	702	704	rBV	518113	596234	21.97%	2.779%
14	9.645	704	705	709	rVB	64772	63810	2.35%	0.297%
15	9.828	718	721	722	rVV	23000	35802	1.32%	0.167%
16	10.159	748	750	753	rVV	56921	66490	2.45%	0.310%
17	10.228	753	756	759	rVV3	13951	38846	1.43%	0.181%
18	10.273	759	760	763	rVV2	18780	28145	1.04%	0.131%
19	10.399	769	771	778	rVV	441481	547576	20.18%	2.552%
20	10.525	780	782	785	rVB	22257	38167	1.41%	0.178%
21	10.708	795	798	799	rBV2	22426	30286	1.12%	0.141%
22	10.856	806	811	814	rBV2	21431	43618	1.61%	0.203%
23	10.993	820	823	826	rVB2	24111	49090	1.81%	0.229%
24	11.096	829	832	833	rBV	400102	684115	25.21%	3.189%
25	11.119	833	834	836	rVB	471330	352635	12.99%	1.644%
26	11.165	837	838	840	rVB	113065	108828	4.01%	0.507%
27	11.336	850	853	856	rBV3	51313	85429	3.15%	0.398%
28	11.416	859	860	865	rVB4	18890	29074	1.07%	0.136%
29	11.588	873	875	877	rBV	113447	154129	5.68%	0.718%
30	11.622	877	878	880	rVB	142433	116482	4.29%	0.543%
31	11.668	880	882	883	rBV	49419	46084	1.70%	0.215%
32	11.702	883	885	890	rVB2	166172	295880	10.90%	1.379%
33	11.828	890	896	898	rBV5	17106	48338	1.78%	0.225%
34	11.885	898	901	903	rBV	75922	91009	3.35%	0.424%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.919	903	904	906	rVB	63284	60620	2.23%	0.283%
36	12.034	911	914	915	rBV2	37031	44873	1.65%	0.209%
37	12.136	921	923	925	rBV	119692	142888	5.26%	0.666%
38	12.171	925	926	929	rVB2	45546	72554	2.67%	0.338%
39	12.228	929	931	935	rVB	83353	120923	4.46%	0.564%
40	12.296	935	937	940	rBV	924504	952545	35.10%	4.440%
41	12.388	944	945	948	rVB	26260	34282	1.26%	0.160%
42	12.445	948	950	952	rBV	61877	68576	2.53%	0.320%
43	12.525	954	957	960	rBV	790994	992928	36.58%	4.628%
44	12.582	960	962	964	rVB2	54080	76590	2.82%	0.357%
45	12.674	966	970	974	rVB2	418535	560205	20.64%	2.611%
46	12.742	974	976	979	rBV2	89244	149817	5.52%	0.698%
47	12.857	982	986	988	rBV3	107655	226881	8.36%	1.057%
48	12.914	989	991	993	rBV	64446	82937	3.06%	0.387%
49	12.959	993	995	998	rVB	101669	159601	5.88%	0.744%
50	13.051	1001	1003	1004	rVB	46401	63539	2.34%	0.296%
51	13.074	1004	1005	1010	rVB2	76458	113894	4.20%	0.531%
52	13.142	1010	1011	1015	rVB2	20334	47315	1.74%	0.221%
53	13.257	1015	1021	1026	rBV5	39637	169191	6.23%	0.789%
54	13.371	1029	1031	1034	rVB	77996	110681	4.08%	0.516%
55	13.474	1037	1040	1043	rBV2	98029	243015	8.95%	1.133%
56	13.577	1047	1049	1053	rVB2	107117	127363	4.69%	0.594%
57	13.714	1058	1061	1063	rBV2	681552	1204592	44.38%	5.614%
58	13.817	1068	1070	1072	rVB2	39692	49784	1.83%	0.232%
59	13.874	1073	1075	1078	rVB2	33708	56672	2.09%	0.264%
60	14.102	1091	1095	1097	rBV	108605	199511	7.35%	0.930%
61	14.137	1097	1098	1099	rVV	44026	34994	1.29%	0.163%
62	14.228	1105	1106	1109	rVB2	41702	61976	2.28%	0.289%
63	14.297	1110	1112	1115	rVB2	31433	46717	1.72%	0.218%
64	14.422	1121	1123	1127	rVB3	33874	70848	2.61%	0.330%
65	14.502	1127	1130	1133	rBV3	23201	68520	2.52%	0.319%
66	14.582	1133	1137	1138	rBV3	54448	110726	4.08%	0.516%
67	14.720	1146	1149	1153	rBV	315477	682886	25.16%	3.183%
68	14.777	1153	1154	1155	rVV	34752	31075	1.14%	0.145%
69	14.811	1155	1157	1159	rVV	60218	81036	2.99%	0.378%
70	14.880	1162	1163	1165	rBV2	18297	32479	1.20%	0.151%
71	14.925	1165	1167	1169	rVV2	31694	47760	1.76%	0.223%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.971	1169	1171	1174	rVV	176635	225750	8.32%	1.052%
73	15.028	1174	1176	1178	rVV	207611	272562	10.04%	1.270%
74	15.074	1178	1180	1186	rVB2	325086	498998	18.39%	2.326%
75	15.268	1195	1197	1200	rVB2	22345	32167	1.19%	0.150%
76	15.337	1200	1203	1206	rBV2	28053	53132	1.96%	0.248%
77	16.160	1273	1275	1280	rVB3	14955	43327	1.60%	0.202%
78	16.331	1287	1290	1293	rBV	90849	187944	6.92%	0.876%
79	16.468	1299	1302	1304	rBV3	18577	36082	1.33%	0.168%
80	16.697	1319	1322	1331	rVB	54793	138855	5.12%	0.647%
81	16.914	1339	1341	1348	rVB	16328	35016	1.29%	0.163%
82	18.606	1485	1489	1494	rBV3	10152	36888	1.36%	0.172%

Sum of corrected areas: 21455431

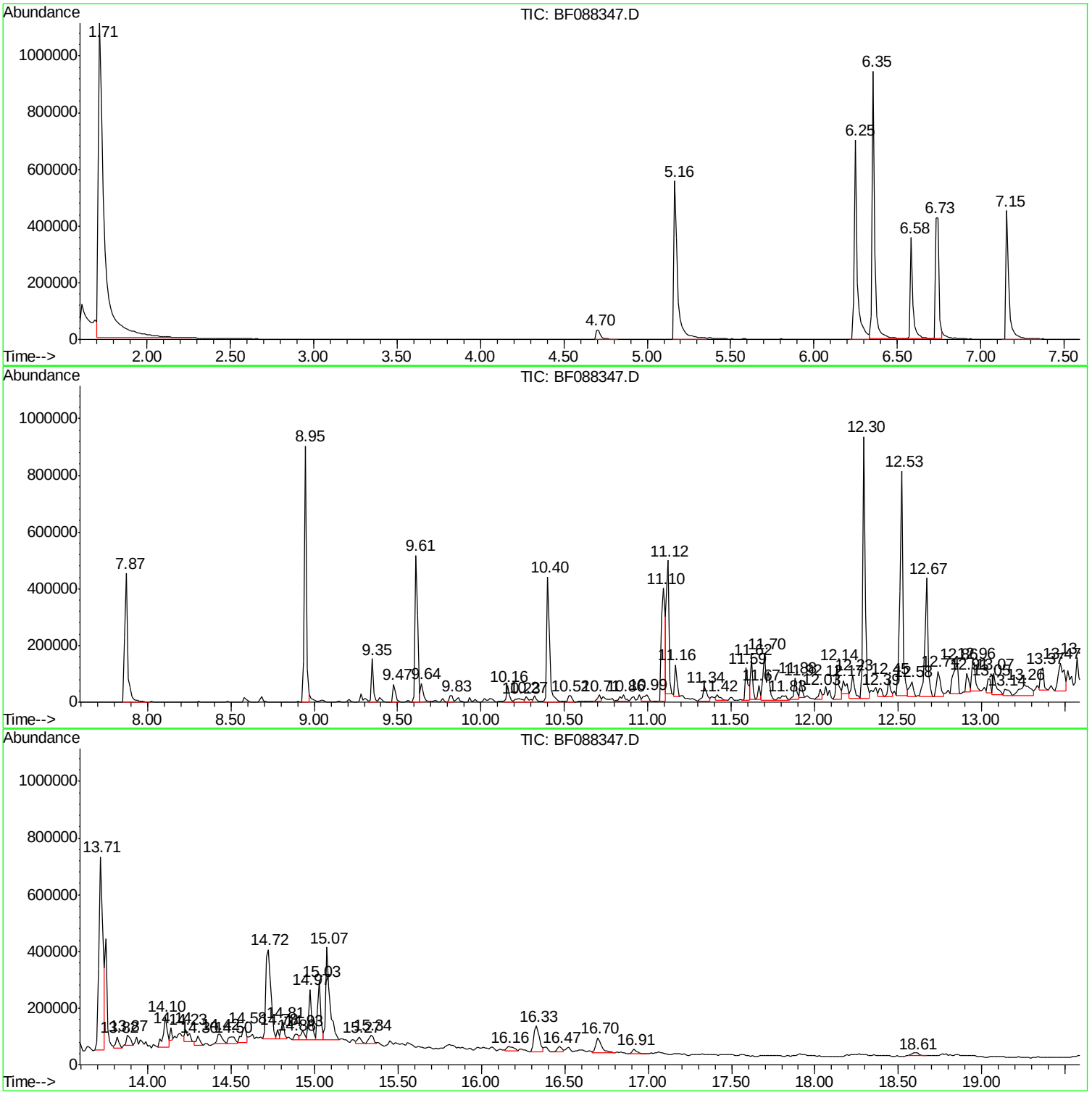
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

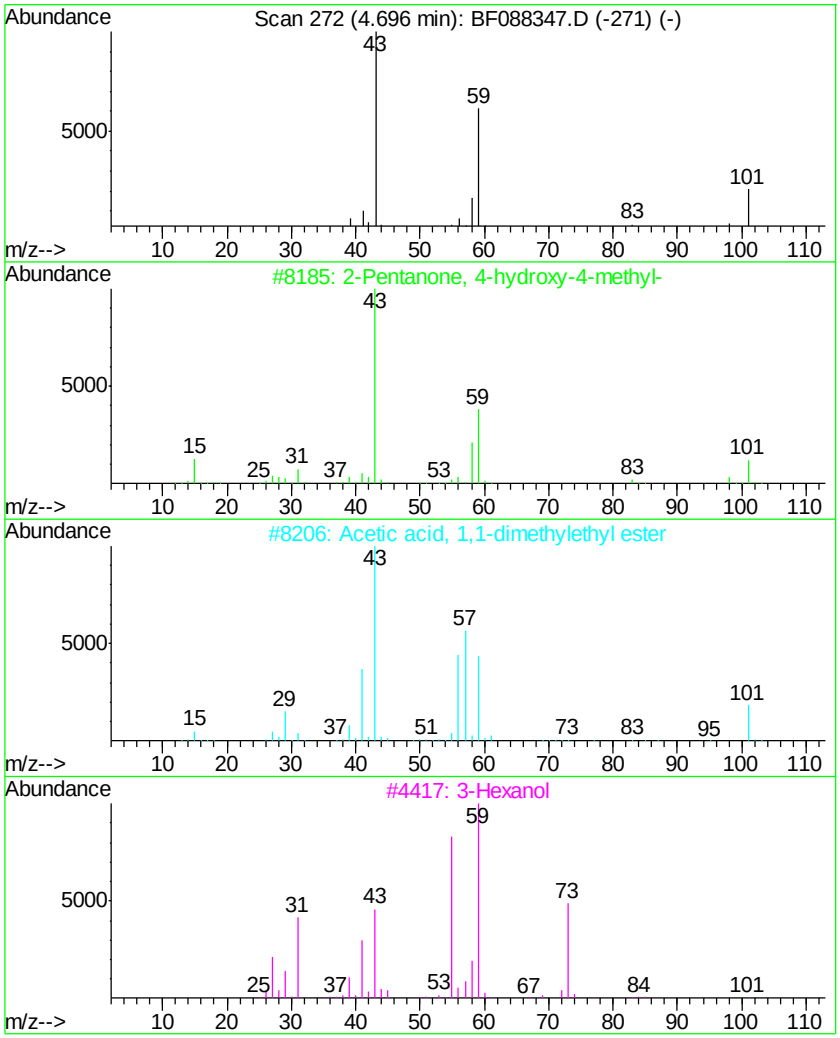
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

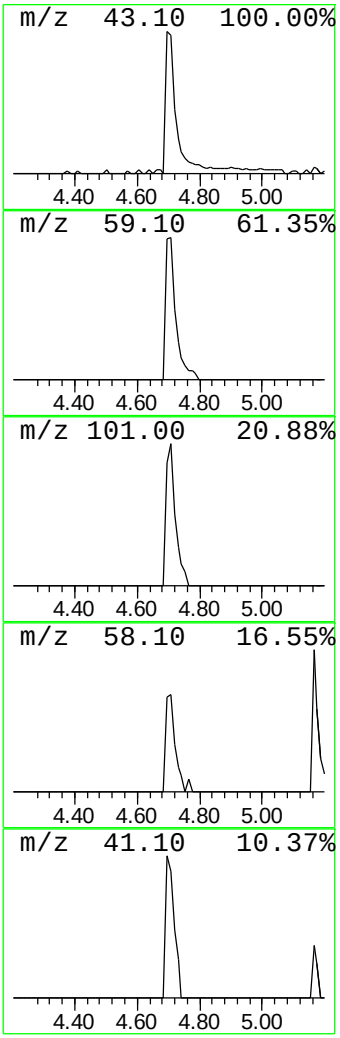
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	3.48 ng	71088	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

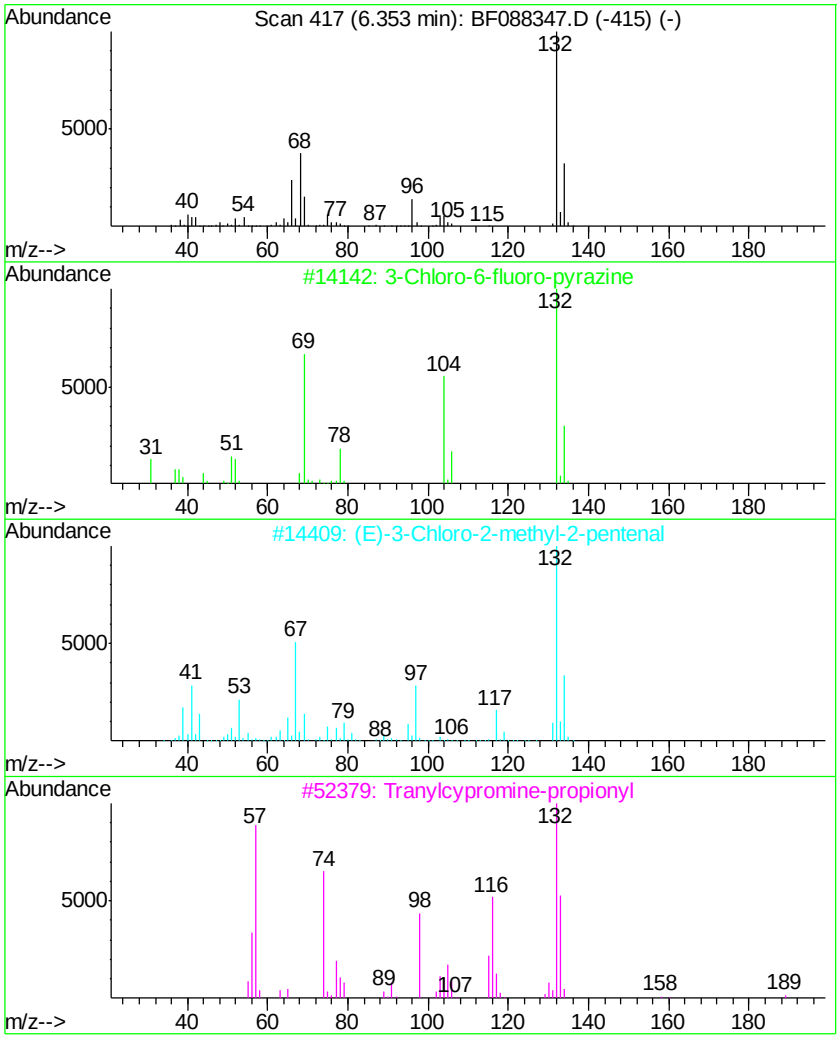
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

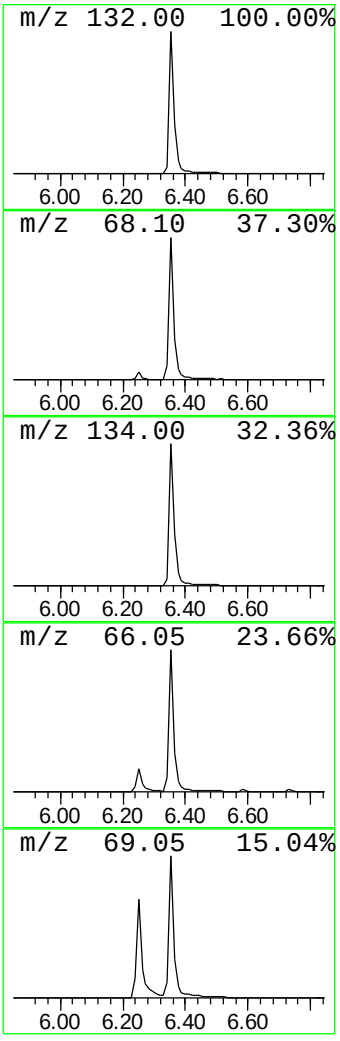
****

Peak Number 3 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	51.60 ng	1055170	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

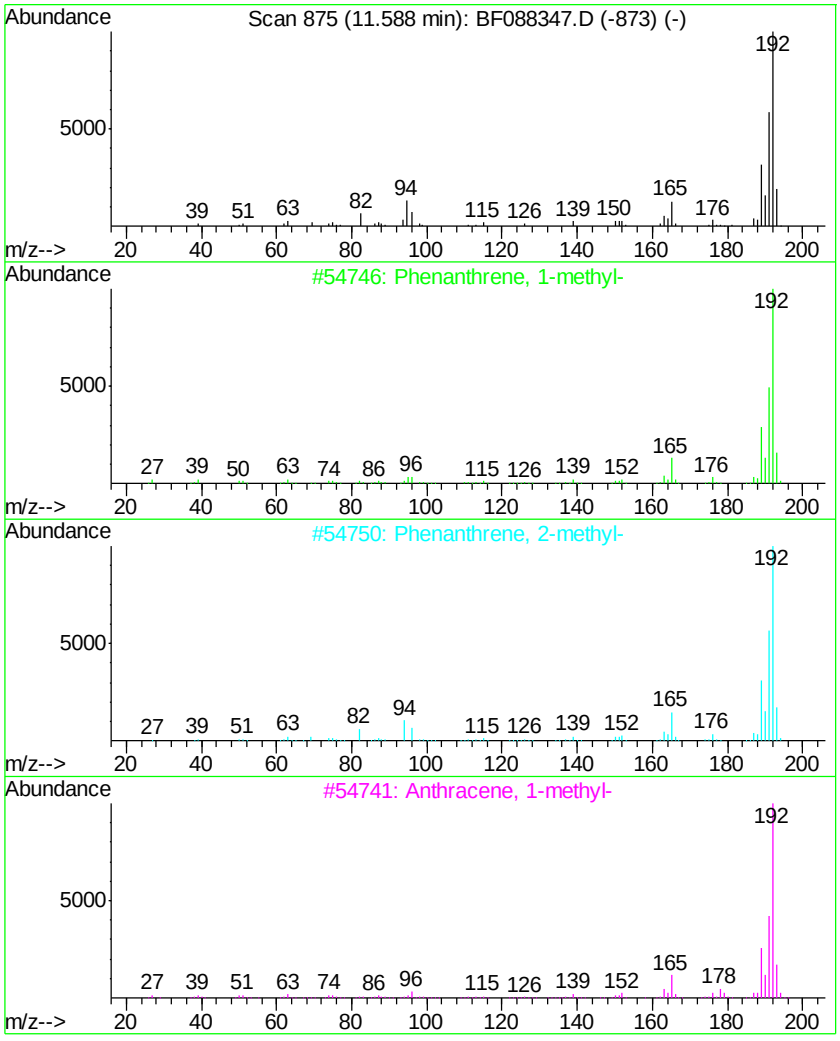
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

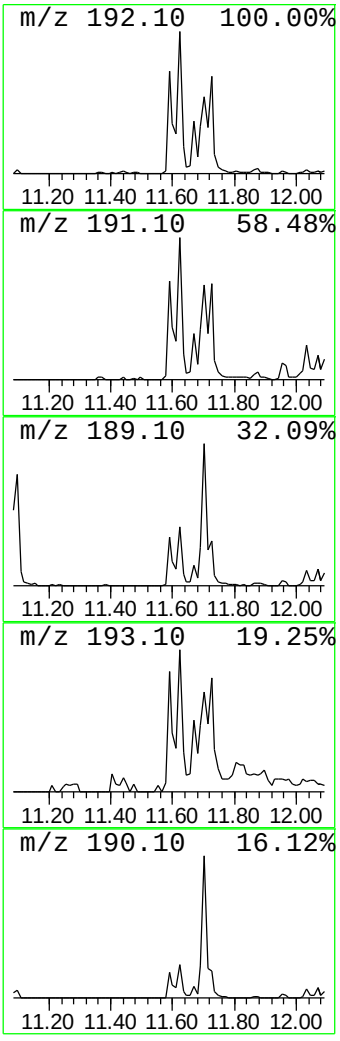
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	4.51 ng	154129	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

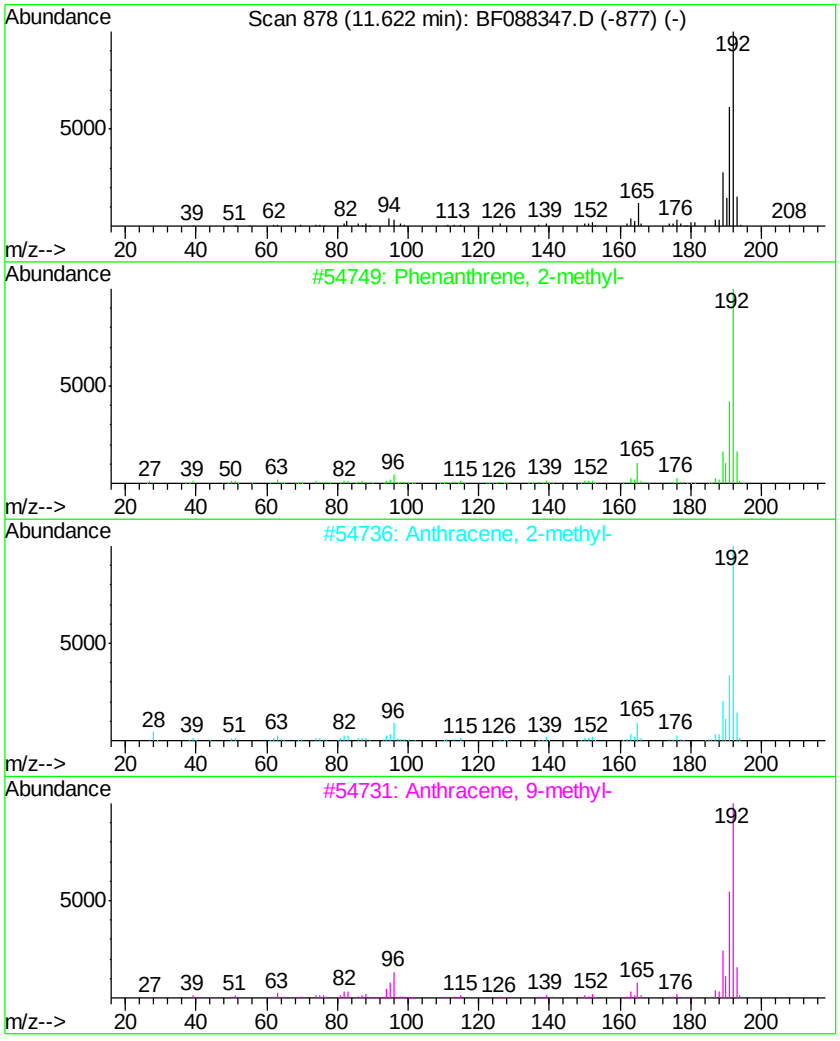
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

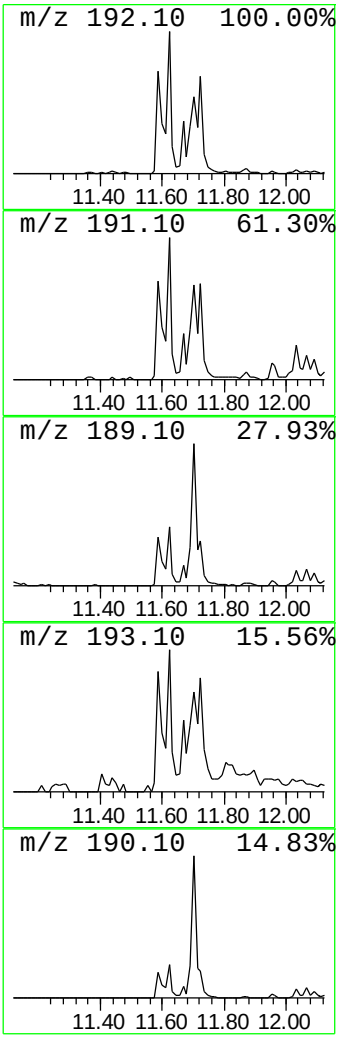
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.41 ng	116482	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

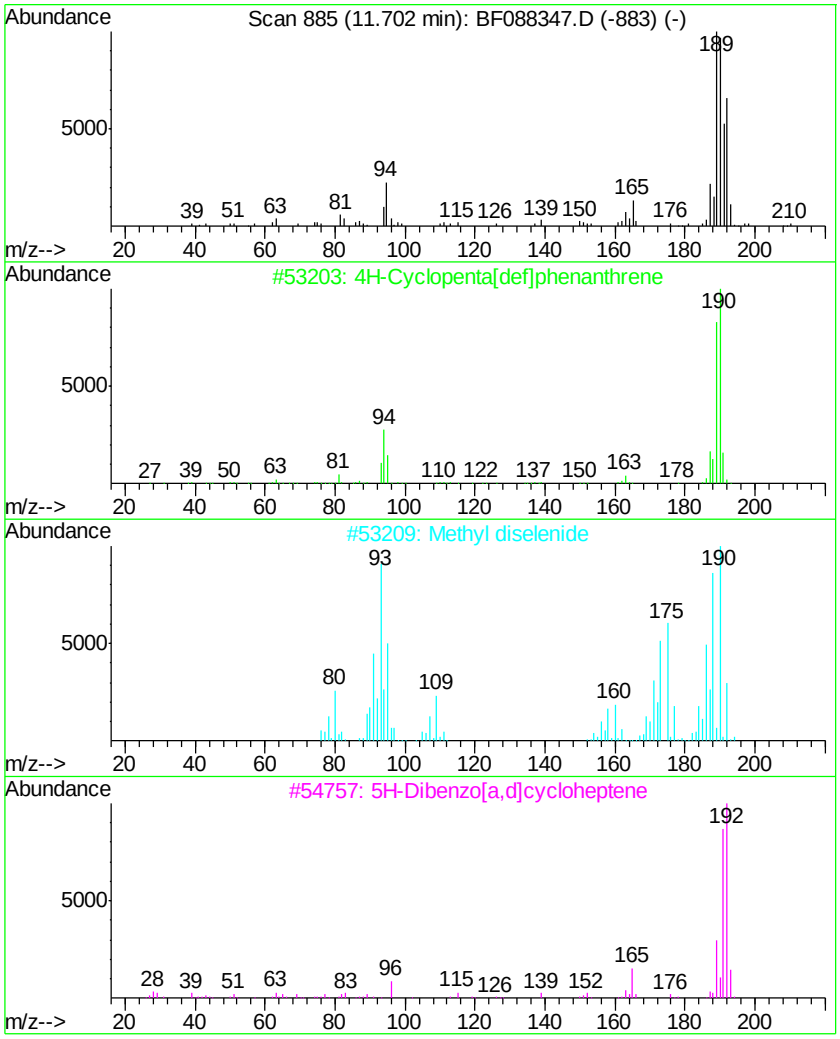
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

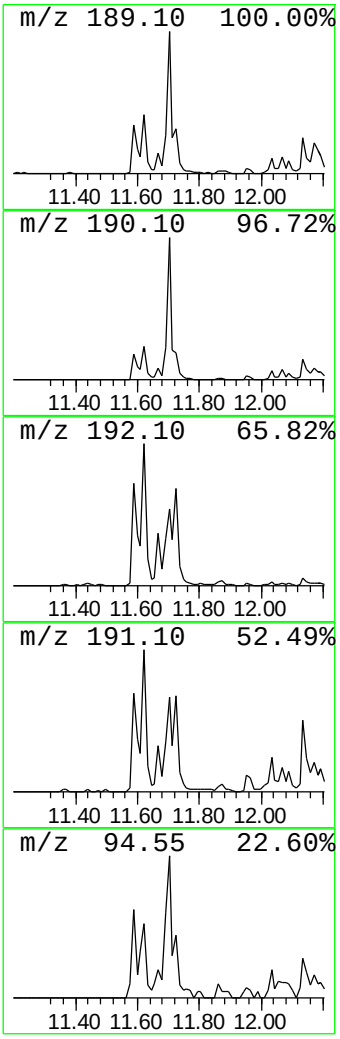
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.65 ng	295880	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

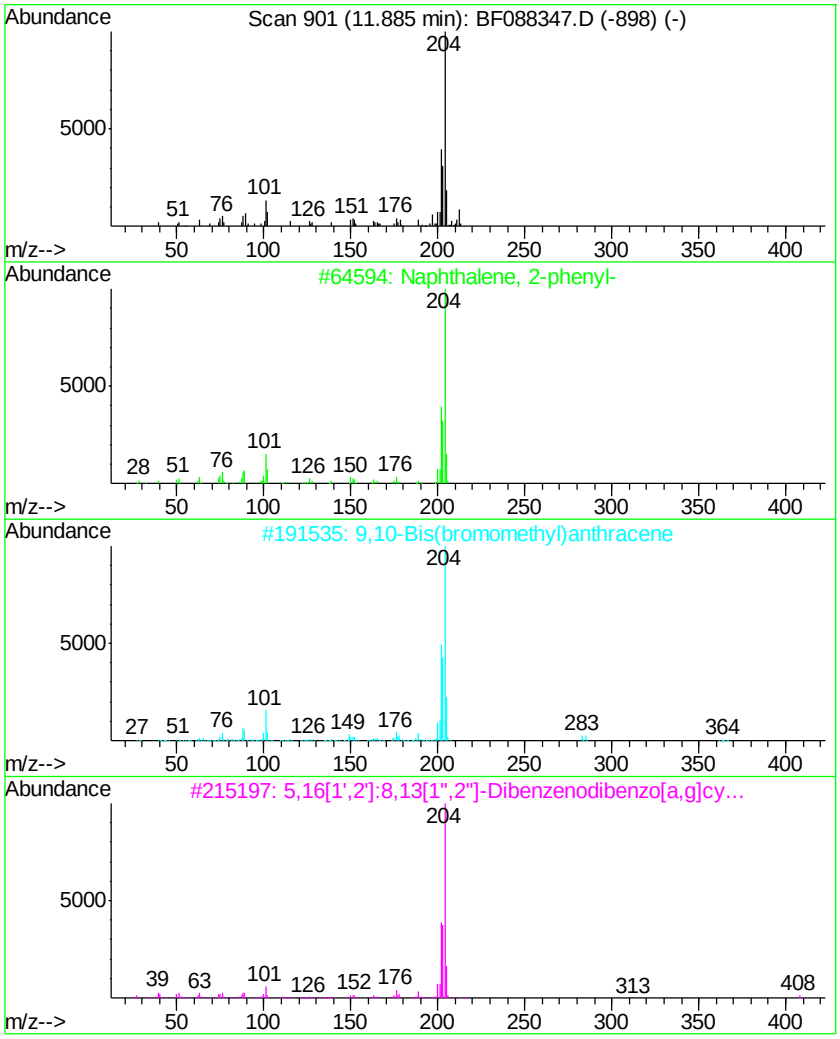
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

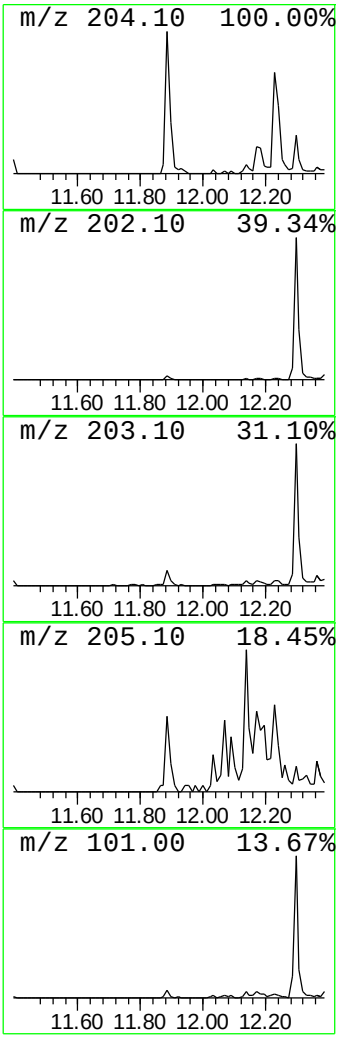
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.66 ng	91009	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

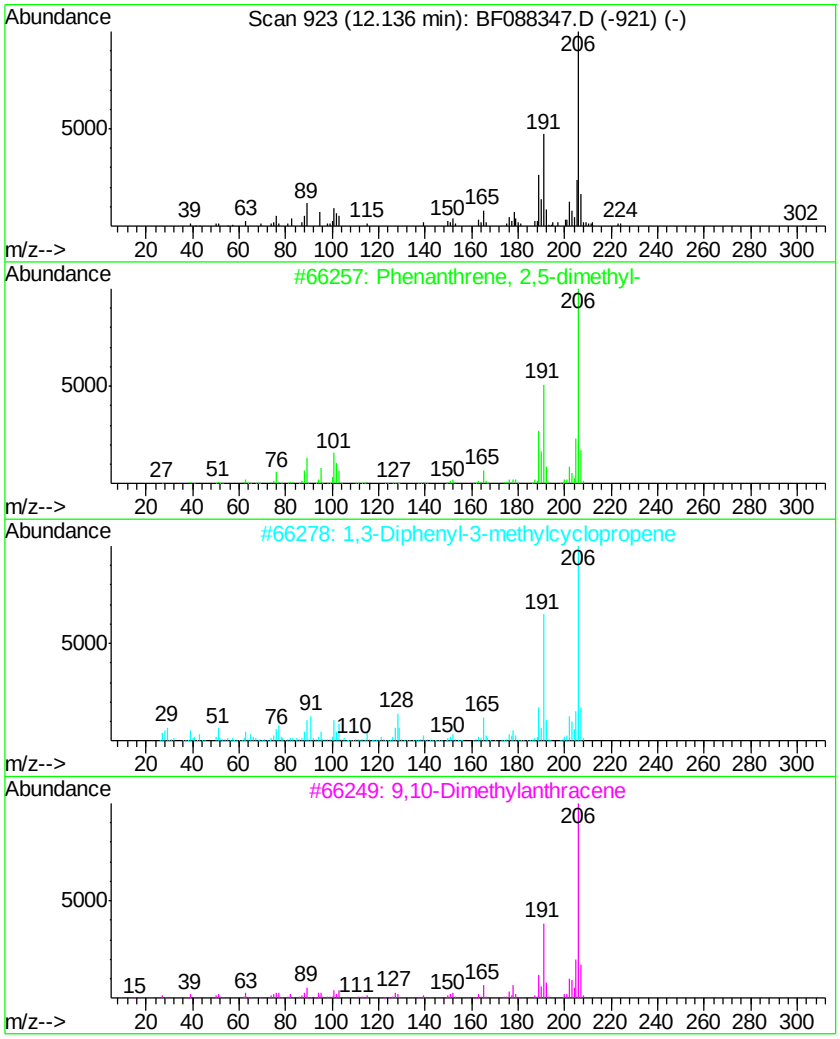
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

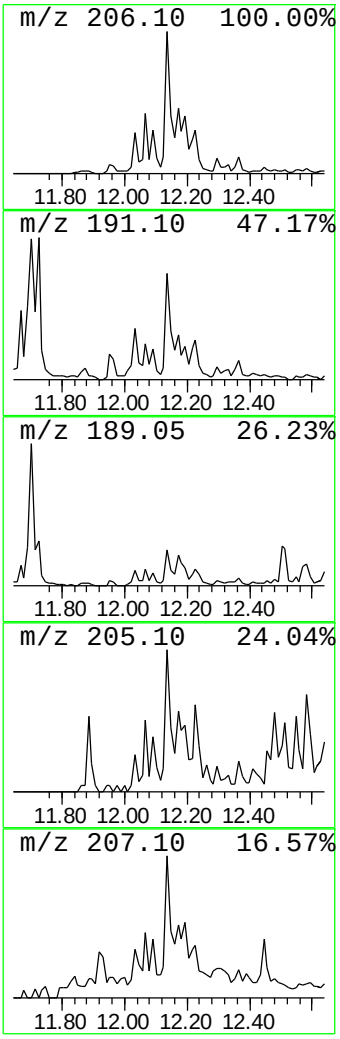
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.18 ng	142888	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

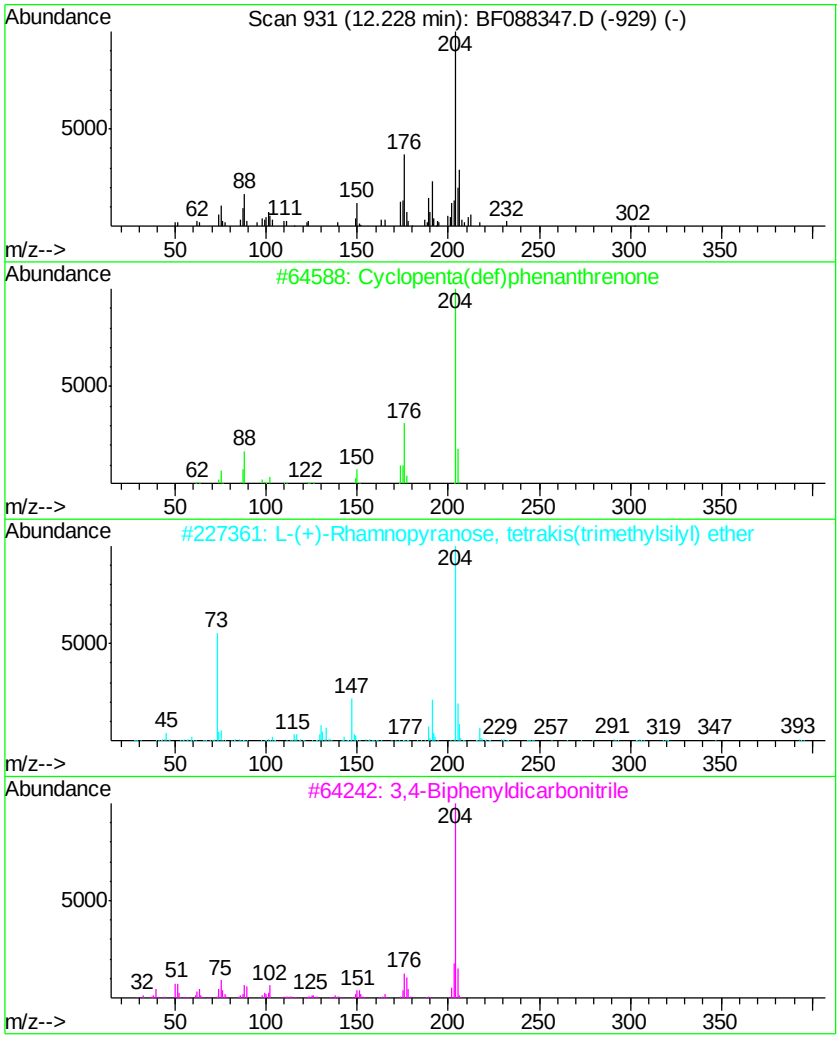
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

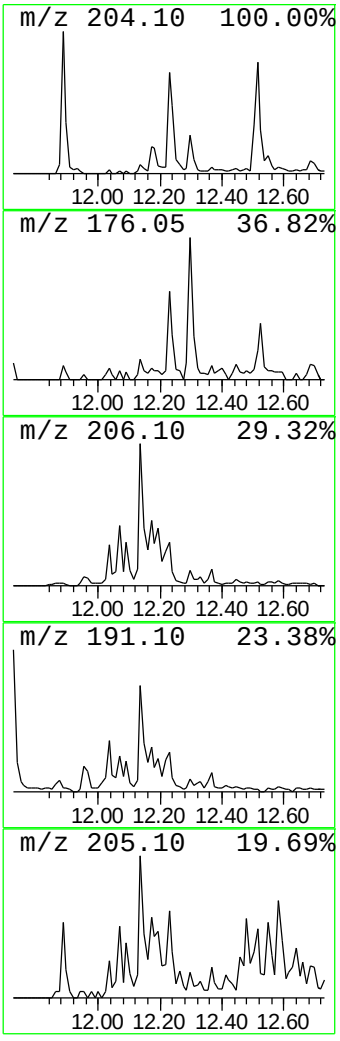
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	3.54 ng	120923	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

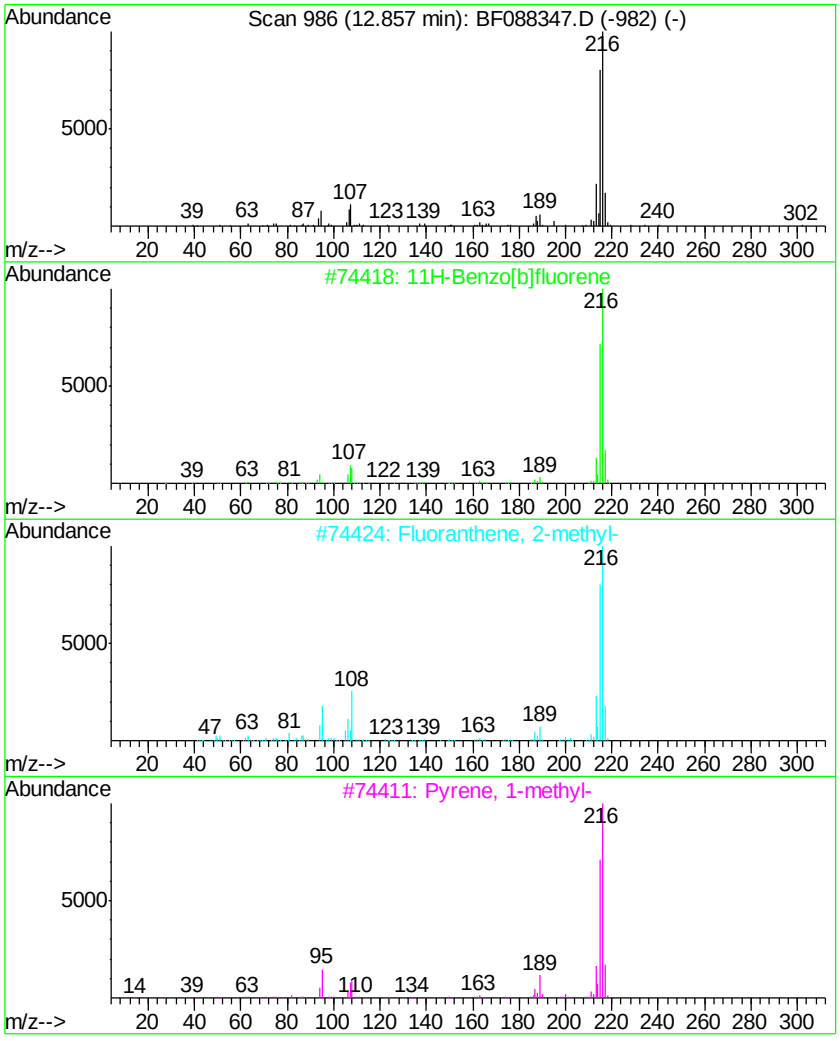
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

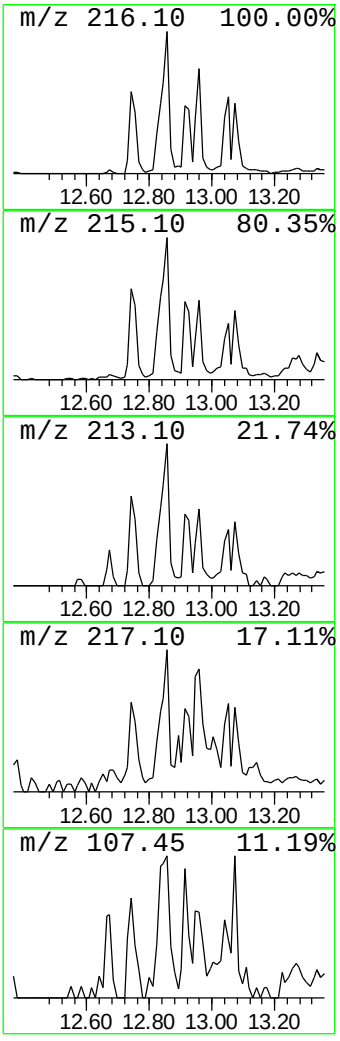
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	3.77 ng	226881	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

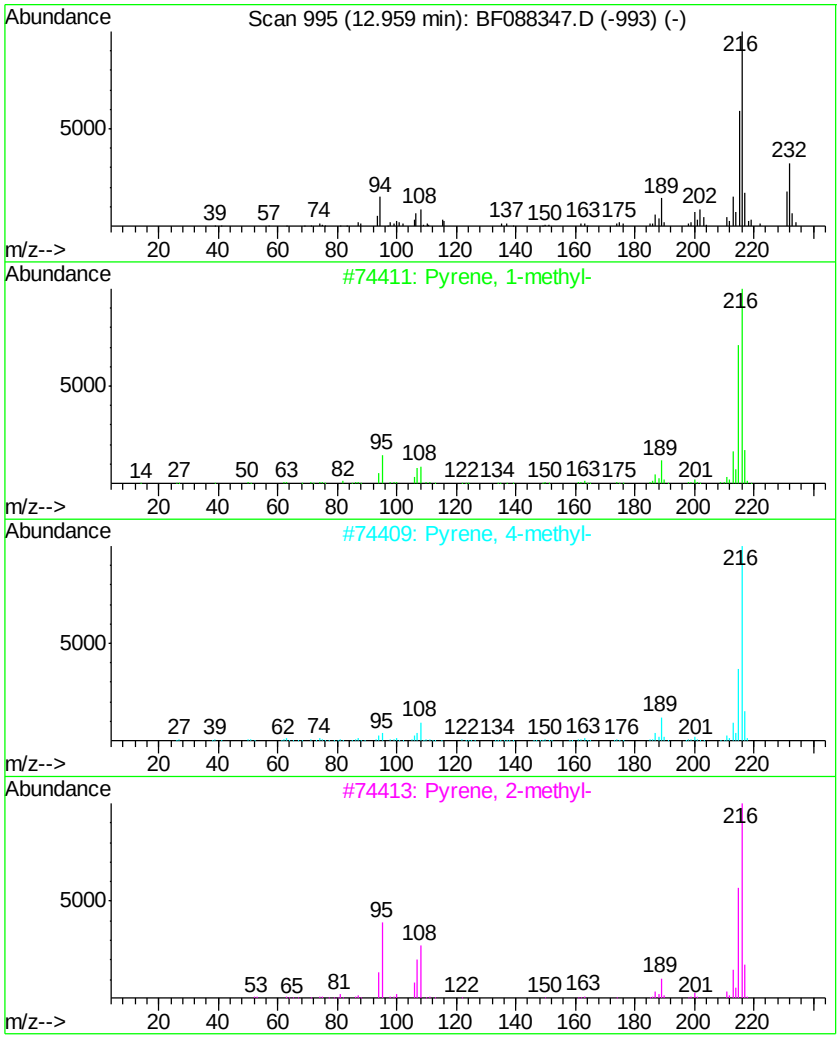
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

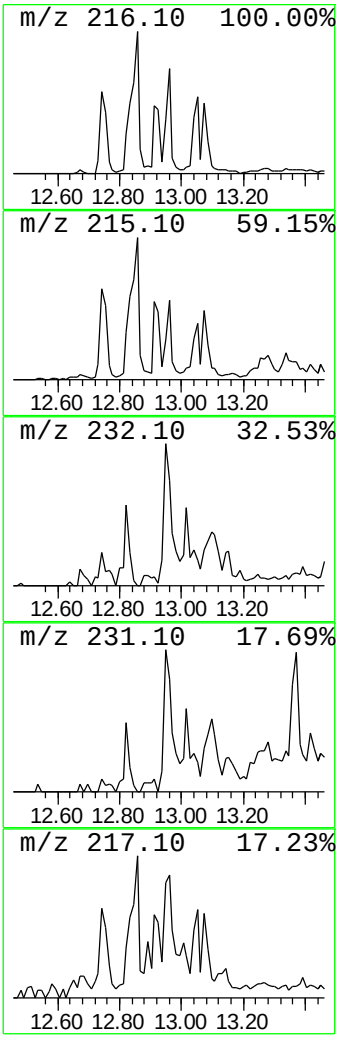
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.65 ng	159601	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

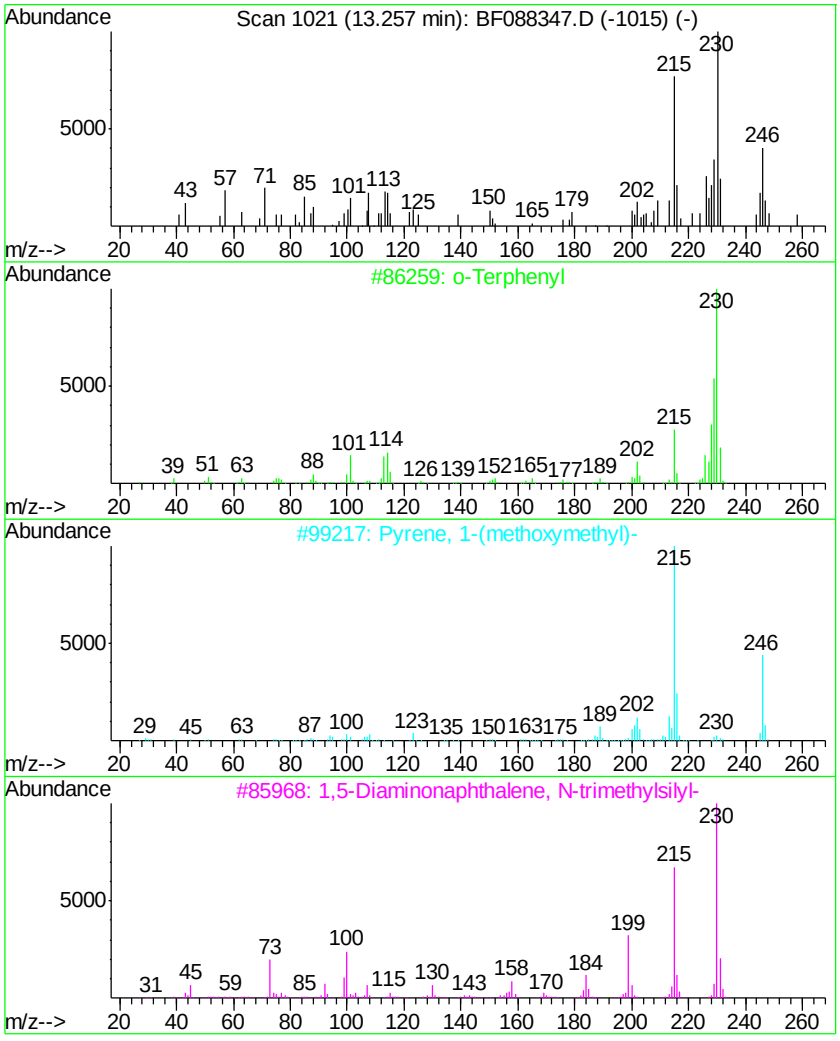
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

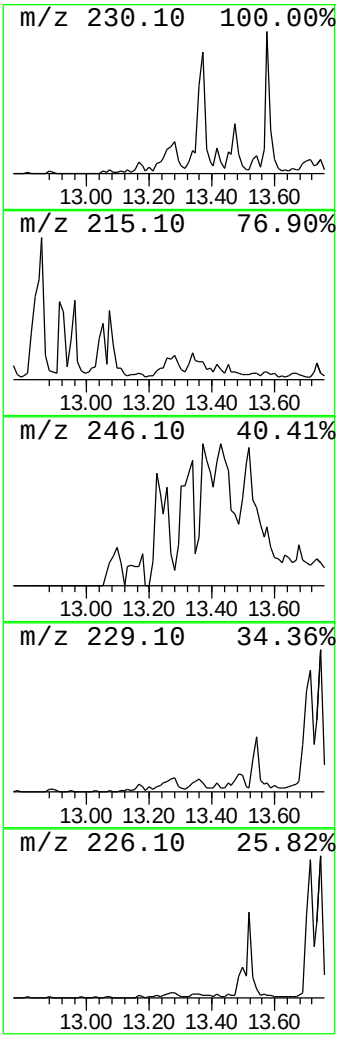
****

Peak Number 13 o-Terphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.81 ng	169191	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	55
2	Pyrene, 1-(methoxymethyl)-	246	C18H14O	091385-15-8	50
3	1,5-Diaminonaphthalene, N-trimet...	230	C13H18N2Si	1000364-96-3	49
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	46
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

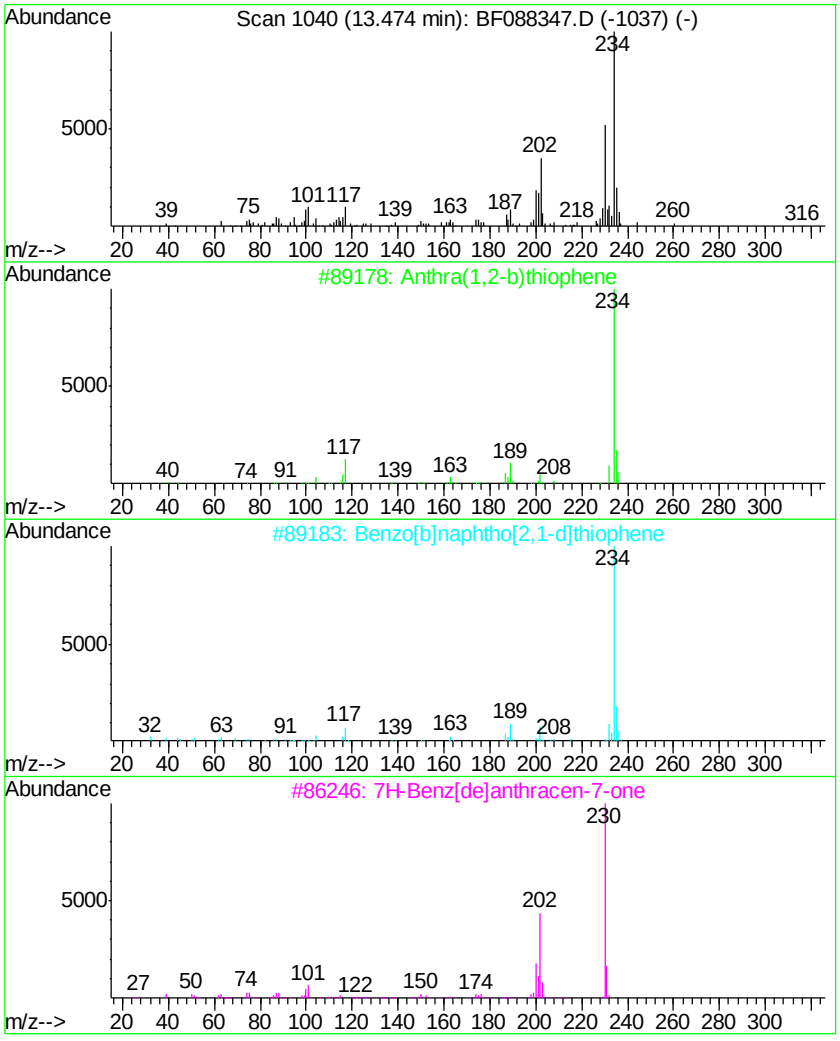
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

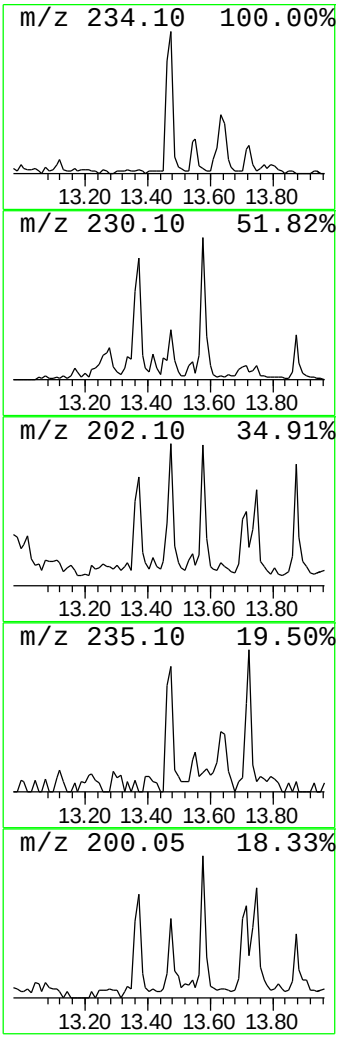
****

Peak Number 14 Anthra(1,2-b)thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.03 ng	243015	Chrysene-d12	13.73

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	92
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

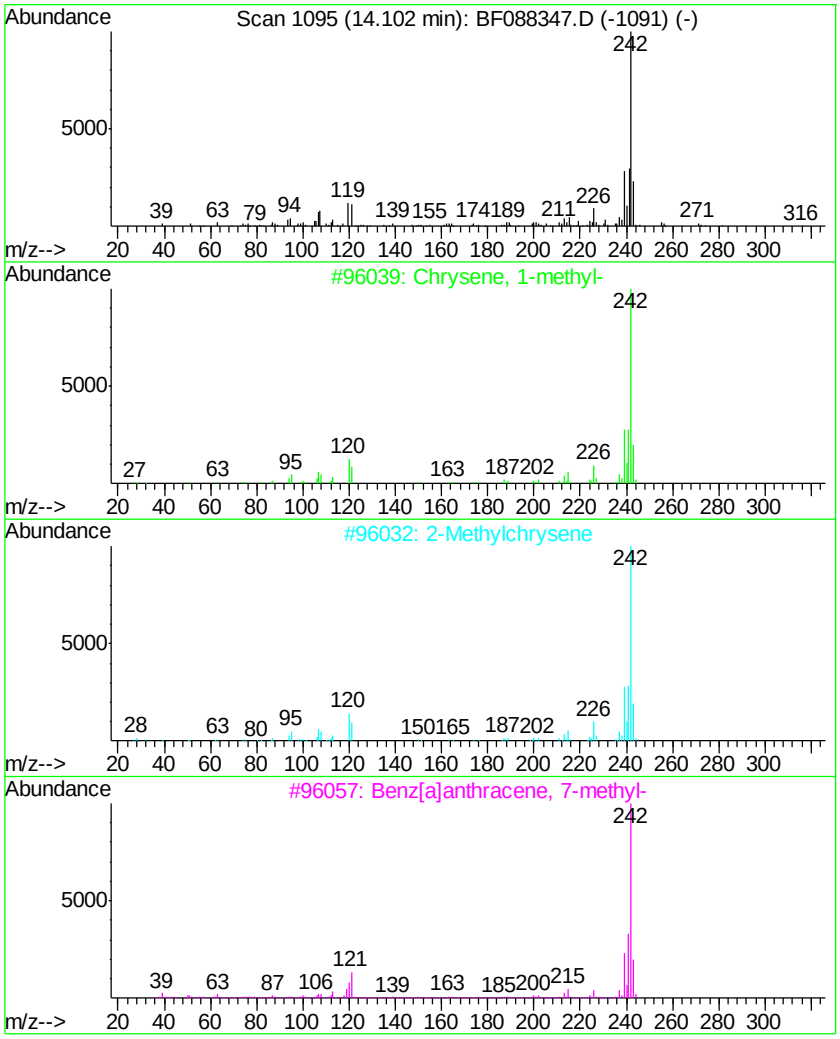
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

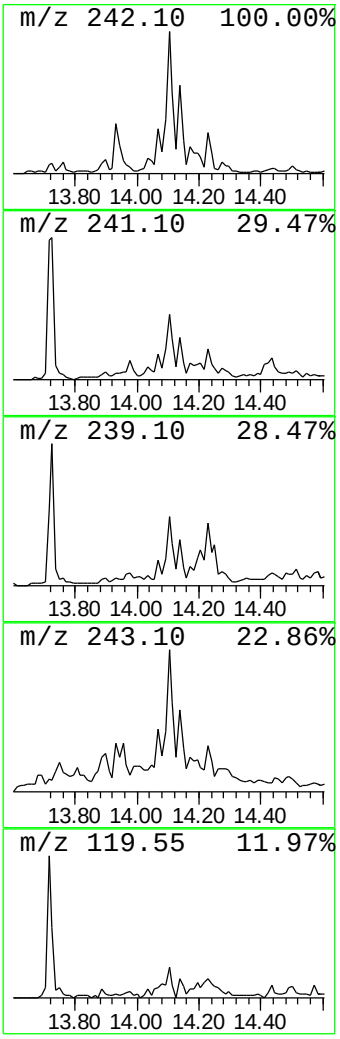
****

Peak Number 15 Chrysene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.31 ng	199511	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

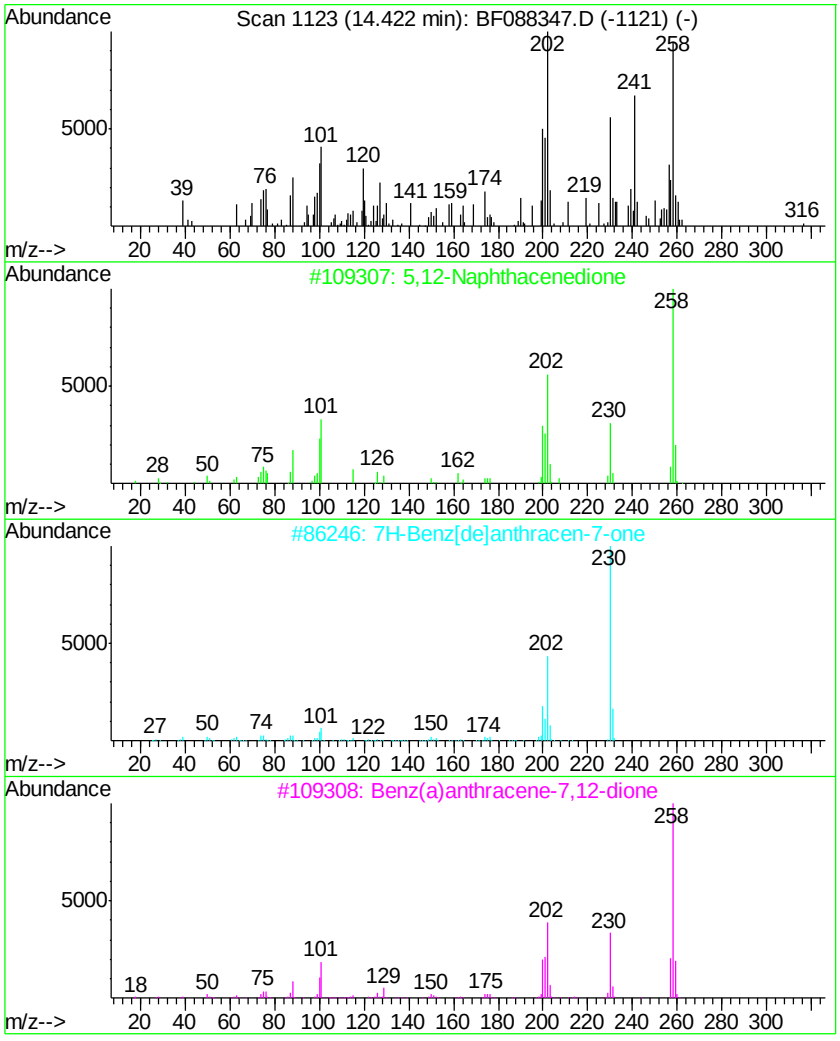
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

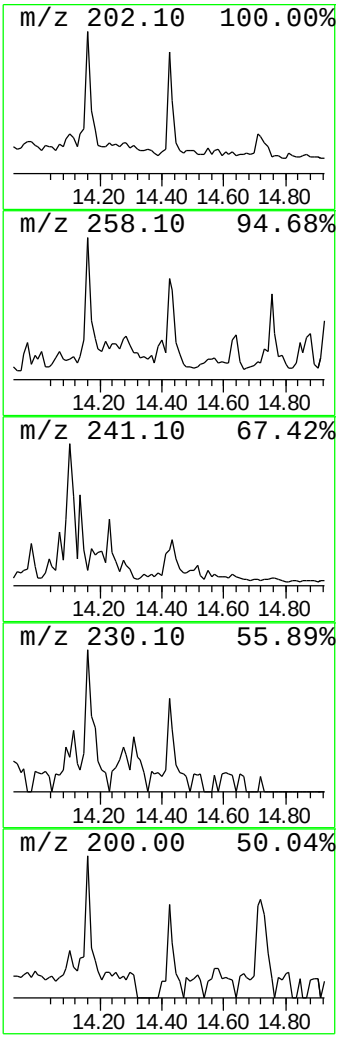
****

Peak Number 16 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.84 ng	70848	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	60
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	49
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	41





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

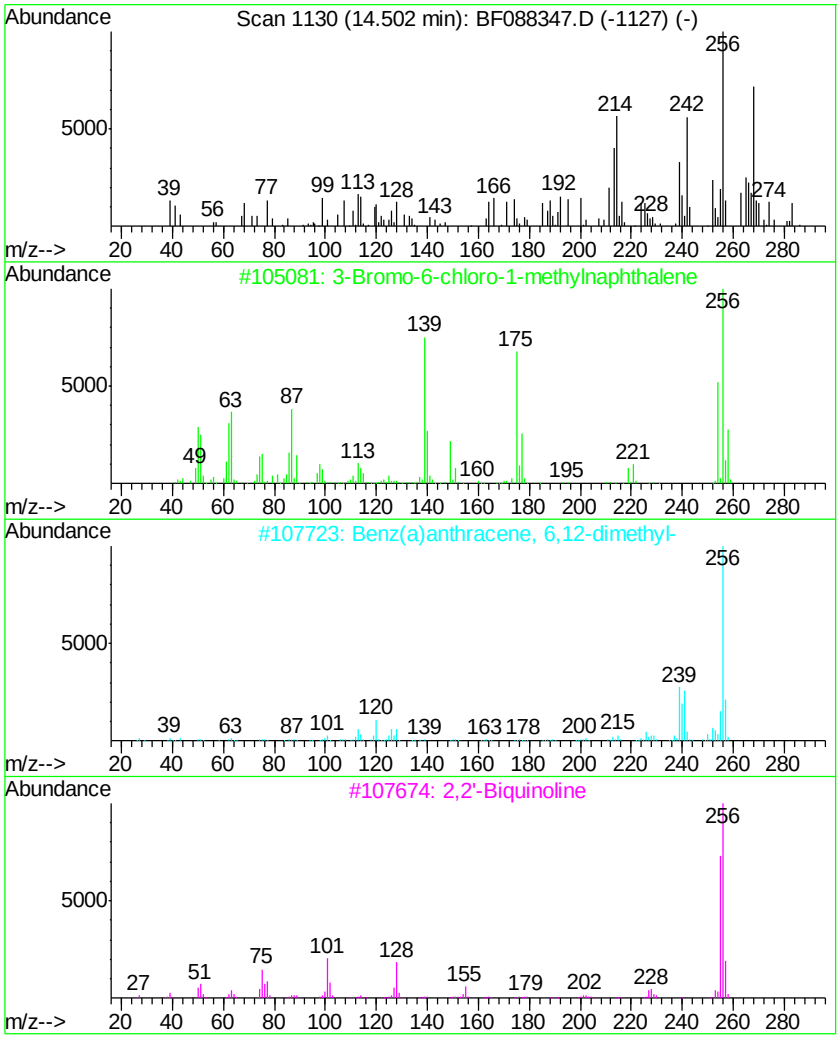
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

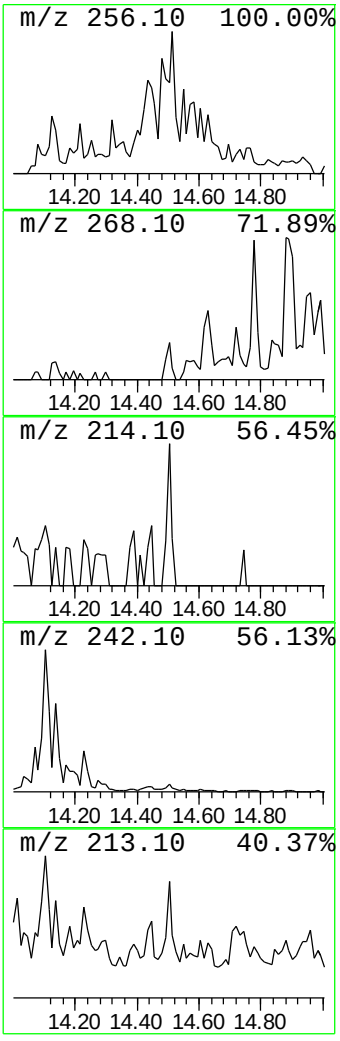
****

Peak Number 17 unknown14.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.75 ng	68520	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-1-methylnaphtha...	254	C11H8BrCl	055058-83-8	25
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	15
3	2,2'-Biquinoline	256	C18H12N2	000119-91-5	11
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	11
5	1-Ethyl-3-(hexahydroazepin-2-yli...	256	C16H20N2O	1000260-86-4	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

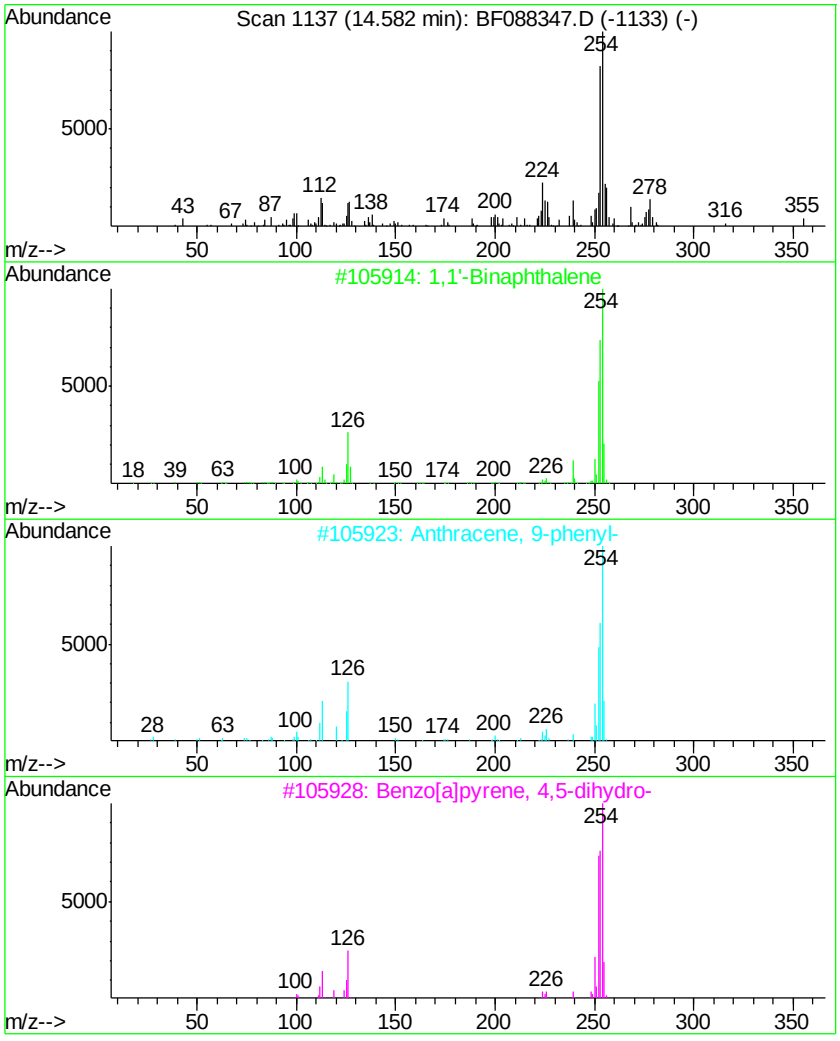
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

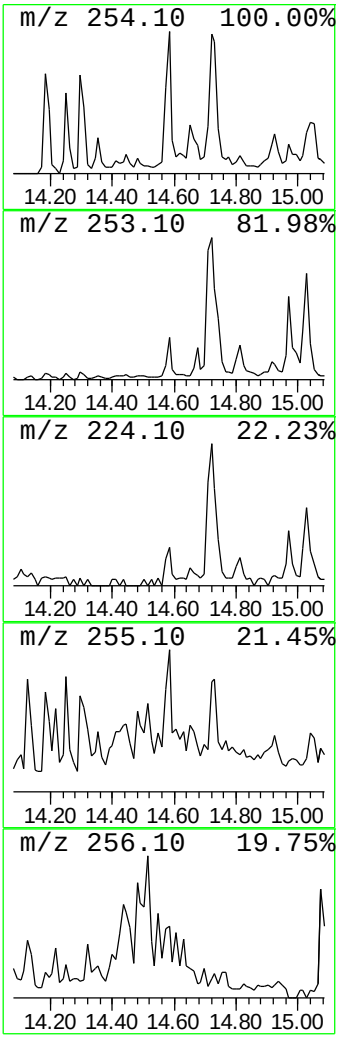
****

Peak Number 18 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	4.44 ng	110726	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
3	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
4	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	62
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

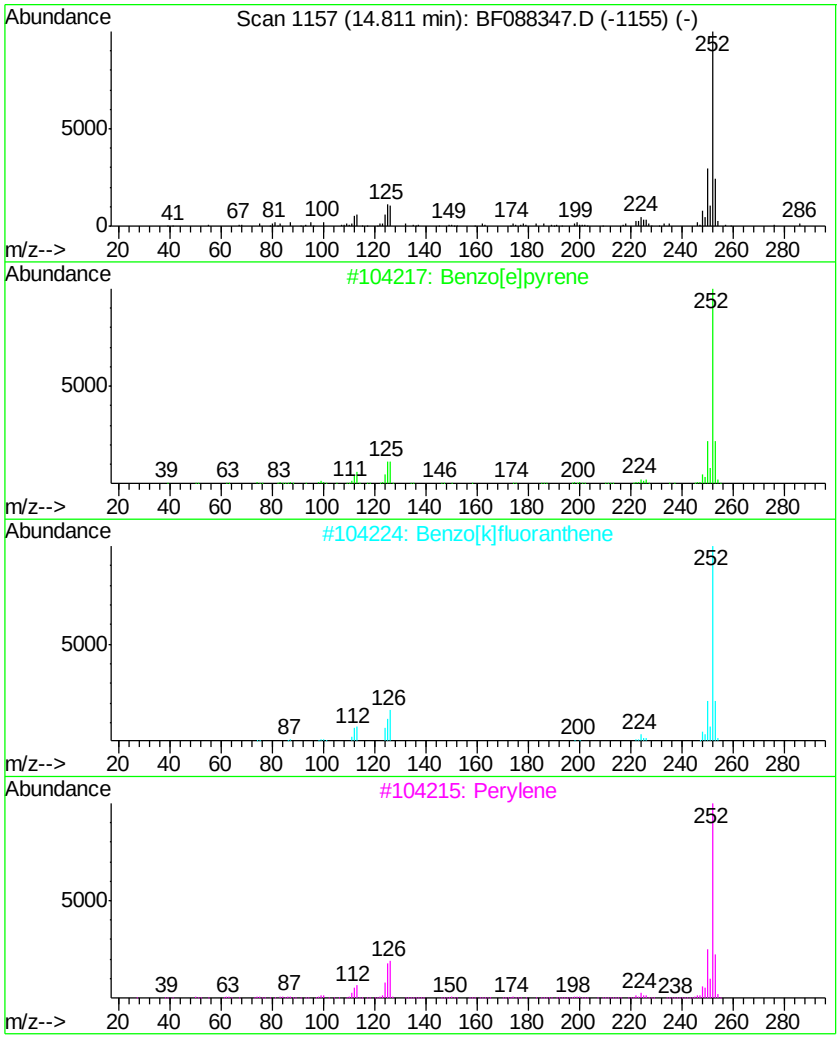
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

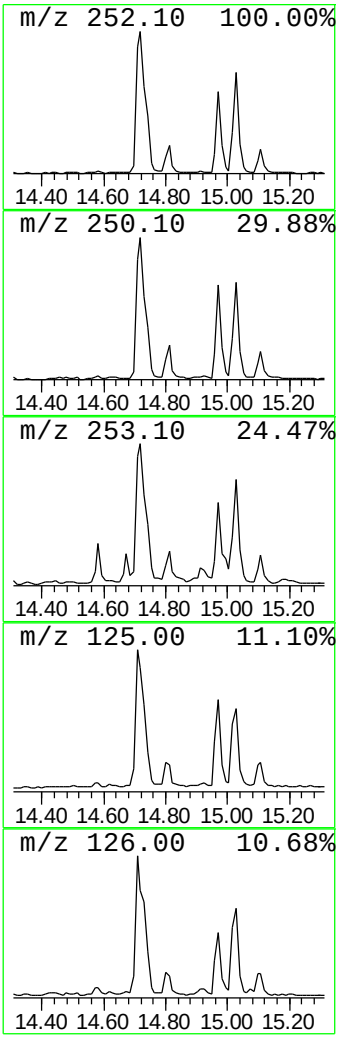
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.25 ng	81036	Perylene-d12	15.07

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





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

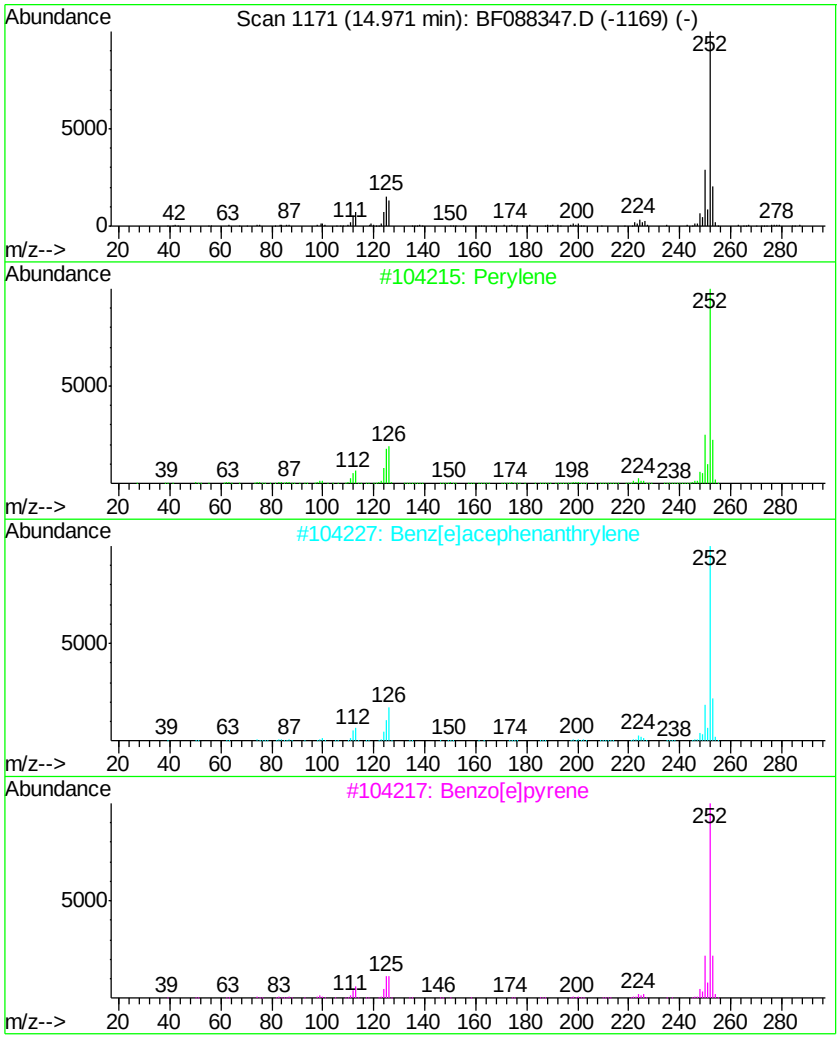
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

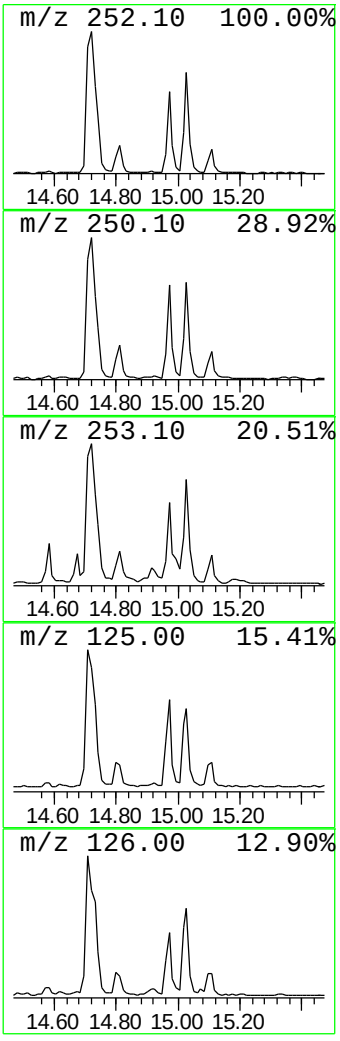
****

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	9.05 ng	225750	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088347.D
Acq On : 24 Jun 2016 22:46
Operator : UM/SJ
Sample : H3599-11 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1422(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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...	4.70	3.5	ng	71088	1	6.58	408977	20.0
unknown6.35	6.35	51.6	ng	1055170	1	6.58	408977	20.0
Phenanthrene, 1-m...	11.59	4.5	ng	154129	4	11.10	684115	20.0
Phenanthrene, 2-m...	11.62	3.4	ng	116482	4	11.10	684115	20.0
4H-Cyclopenta[def...	11.70	8.7	ng	295880	4	11.10	684115	20.0
Naphthalene, 2-ph...	11.89	2.7	ng	91009	4	11.10	684115	20.0
Phenanthrene, 2,5...	12.14	4.2	ng	142888	4	11.10	684115	20.0
Cyclopenta(def)ph...	12.23	3.5	ng	120923	4	11.10	684115	20.0
11H-Benzo[b]fluorene	12.86	3.8	ng	226881	5	13.73	1204590	20.0
Pyrene, 1-methyl-	12.96	2.6	ng	159601	5	13.73	1204590	20.0
o-Terphenyl	13.26	2.8	ng	169191	5	13.73	1204590	20.0
Anthra(1,2-b)thio...	13.47	4.0	ng	243015	5	13.73	1204590	20.0
Chrysene, 1-methyl-	14.10	3.3	ng	199511	5	13.73	1204590	20.0
5,12-Naphthacened...	14.42	2.8	ng	70848	6	15.07	498998	20.0
unknown14.50	14.50	2.8	ng	68520	6	15.07	498998	20.0
1,1'-Binaphthalene	14.58	4.4	ng	110726	6	15.07	498998	20.0
Benzo[e]pyrene	14.81	3.3	ng	81036	6	15.07	498998	20.0
Perylene	14.97	9.1	ng	225750	6	15.07	498998	20.0