LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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-BF121815.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	5.070	258	261	266	rBV	163534	243323	13.87%	0.677%
2	5.493	295	298	300	rBV	1183639	1389775	79.25%	3.866%
3	5.699	314	316	322	rBV	208056	212989	12.14%	0.592%
4	6.510	385	387	390	rBV	1121121	1246110	71.05%	3.466%
5	6.647	396	399	401	rBV	1524857	1555697	88.71%	4.327%
6	6.704	402	404	407	rBV	192339	289148	16.49%	0.804%
7	6.750	407	408	411	rVB	133977	113082	6.45%	0.315%
8	6.876	417	419	421	rBV	371392	346238	19.74%	0.963%
9	7.036	430	433	435	rBV	990610	1202352	68.56%	3.344%
10	7.139	439	442	446	rBV	102149	105697	6.03%	0.294%
11	7.436	465	468	470	rBV	934090	910281	51.90%	2.532%
12	7.493	471	473	476	rVV	86323	103989	5.93%	0.289%
13	7.733	491	494	496	rBV2	172822	208181	11.87%	0.579%
14	7.916	505	510	511	rBV2	68116	100586	5.74%	0.280%
15	7.962	511	514	518	rVB	87766	138394	7.89%	0.385%
16	8.156	529	531	535	rVB2	574908	599736	34.20%	1.668%
17	8.373	548	550	552	rBV	152624	132406	7.55%	0.368%
18	8.430	553	555	561	rVB	176656	161196	9.19%	0.448%
19	8.865	591	593	596	rBV2	77219	110729	6.31%	0.308%
20	9.230	623	625	628	rVB	1483481	1549008	88.33%	4.308%
21	9.368	635	637	641	rBV3	27154	82723	4.72%	0.230%
22	9.573	653	655	658	rBV	72095	105501	6.02%	0.293%
23	9.630	658	660	662	rVB	361388	397865	22.69%	1.107%
24	9.768	670	672	675	rVB	344622	351672	20.05%	0.978%
25	9.848	678	679	682	rBV2	52648	76698	4.37%	0.213%
26	9.905	682	684	686	rBV	448191	547636	31.23%	1.523%
27	10.225	710	712	713	rBV	51761	76663	4.37%	0.213%
28	10.362	721	724	726	rVV2	64365	88789	5.06%	0.247%
29	10.453	731	732	736	rVB	54684	80389	4.58%	0.224%
30	10.568	739	742	744	rBV2	76951	104541	5.96%	0.291%
31	10.693	751	753	756	rBV	941223	1011702	57.69%	2.814%
32	10.819	762	764	767	rBV	150161	194075	11.07%	0.540%
33	10.922	770	773	776	rVB3	48783	77457	4.42%	0.215%
34	11.025	778	782	784	rBV5	50081	111510	6.36%	0.310%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.162	789	794	796	rVV4	41799	124259	7.09%	0.346%
36	11.196	796	797	800	rVV2	56940	79459	4.53%	0.221%
37	11.265	800	803	804	rVV2	69023	96692	5.51%	0.269%
38	11.288	804	805	808	rVB2	57643	88368	5.04%	0.246%
39	11.391	812	814	815	rBV	497733	477314	27.22%	1.328%
40	11.471	819	821	822	rVB	204550	167309	9.54%	0.465%
41	11.688	838	840	842	rVV2	102228	132660	7.56%	0.369%
42	11.894	856	858	859	rVV	206460	205111	11.70%	0.571%
43	11.928	859	861	863	rVV	230296	274630	15.66%	0.764%
44	11.974	863	865	866	rVV	103129	112405	6.41%	0.313%
45	12.008	866	868	872	rVV	350038	567758	32.37%	1.579%
46	12.099	872	876	877	rVV3	77076	139873	7.98%	0.389%
47	12.134	877	879	880	rVV	65045	78099	4.45%	0.217%
48	12.191	882	884	885	rVV2	142795	162484	9.26%	0.452%
49	12.214	885	886	890	rVV2	105717	172876	9.86%	0.481%
50	12.339	894	897	898	rVV2	94542	170221	9.71%	0.473%
51	12.374	898	900	904	rVV	120138	241879	13.79%	0.673%
52	12.442	904	906	908	rVV	298652	433559	24.72%	1.206%
53	12.488	908	910	913	rVV	186513	394897	22.52%	1.098%
54	12.534	913	914	916	rVV2	250159	284354	16.21%	0.791%
55	12.614	918	921	923	rVV	1005341	1251621	71.37%	3.481%
56	12.671	923	926	927	rVV2	95621	196659	11.21%	0.547%
57	12.705	927	929	931	rVV	159951	205632	11.73%	0.572%
58	12.762	931	934	937	rVV3	83827	299110	17.06%	0.832%
59	12.842	937	941	943	rVV	1316734	1753747	100.00%	4.878%
60	12.899	944	946	947	rVV	107158	158004	9.01%	0.439%
61	12.979	950	953	955	rVV	1389693	1475332	84.12%	4.104%
62	13.059	957	960	963	rVV2	212407	397554	22.67%	1.106%
63	13.117	963	965	966	rVV	68532	109024	6.22%	0.303%
64	13.162	966	969	971	rVV2	242650	501245	28.58%	1.394%
65	13.231	971	975	976	rVV2	114143	195419	11.14%	0.544%
66	13.265	976	978	982	rVV	260752	369148	21.05%	1.027%
67	13.357	984	986	988	rVV	238681	283911	16.19%	0.790%
68	13.391	988	989	991	rVB	250456	209127	11.92%	0.582%
69	13.677	1011	1014	1018	rVB	157352	209672	11.96%	0.583%
70	13.779	1020	1023	1024	rBV	186989	233374	13.31%	0.649%
71	13.882	1029	1032	1034	rVV3	194479	343768	19.60%	0.956%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.951	1036	1038	1042	rVV3	49139	105819	6.03%	0.294%
73	14.031	1042	1045	1046	rVV2	766696	1249809	71.27%	3.476%
74	14.065	1046	1048	1050	rVV	515304	750425	42.79%	2.087%
75	14.122	1052	1053	1055	rVV2	75438	115952	6.61%	0.323%
76	14.179	1056	1058	1063	rVV5	174530	366521	20.90%	1.019%
77	14.259	1063	1065	1066	rVV2	66713	101031	5.76%	0.281%
78	14.294	1066	1068	1072	rVV2	81428	153380	8.75%	0.427%
79	14.385	1075	1076	1077	rVV	96651	96063	5.48%	0.267%
80	14.419	1077	1079	1081	rVV	309936	397563	22.67%	1.106%
81	14.454	1081	1082	1084	rVV	193073	203524	11.61%	0.566%
82	14.499	1084	1086	1088	rVV3	146600	276614	15.77%	0.769%
83	14.545	1088	1090	1093	rVV2	185720	316999	18.08%	0.882%
84	14.614	1094	1096	1099	rVB	82354	99666	5.68%	0.277%
85	14.911	1120	1122	1125	rBV2	61514	95868	5.47%	0.267%
86	15.060	1132	1135	1139	rBV	557480	1142904	65.17%	3.179%
87	15.128	1139	1141	1143	rVV2	165719	219441	12.51%	0.610%
88	15.162	1143	1144	1147	rVB	130981	156937	8.95%	0.437%
89	15.357	1158	1161	1164	rVB	393958	547999	31.25%	1.524%
90	15.414	1164	1166	1169	rBV	525259	691483	39.43%	1.923%
91	15.471	1169	1171	1173	rBV	217997	318514	18.16%	0.886%
92	15.917	1206	1210	1212	rBV2	159724	287234	16.38%	0.799%
93	16.568	1263	1267	1270	rBV5	34082	105515	6.02%	0.293%
94	16.911	1293	1297	1301	rBV	245985	515199	29.38%	1.433%
95	17.071	1307	1311	1314	rBV	50105	131811	7.52%	0.367%
96	17.128	1314	1316	1320	rVV2	47776	104371	5.95%	0.290%
97	17.197	1320	1322	1327	rVB3	32042	84418	4.81%	0.235%
98	17.334	1332	1334	1339	rVB	199521	424312	24.19%	1.180%
99	18.466	1427	1433	1448	rVB10	20356	166968	9.52%	0.464%
100	19.426	1511	1517	1522	rBV8	27196	103729	5.91%	0.289%

Sum of corrected areas: 35952761

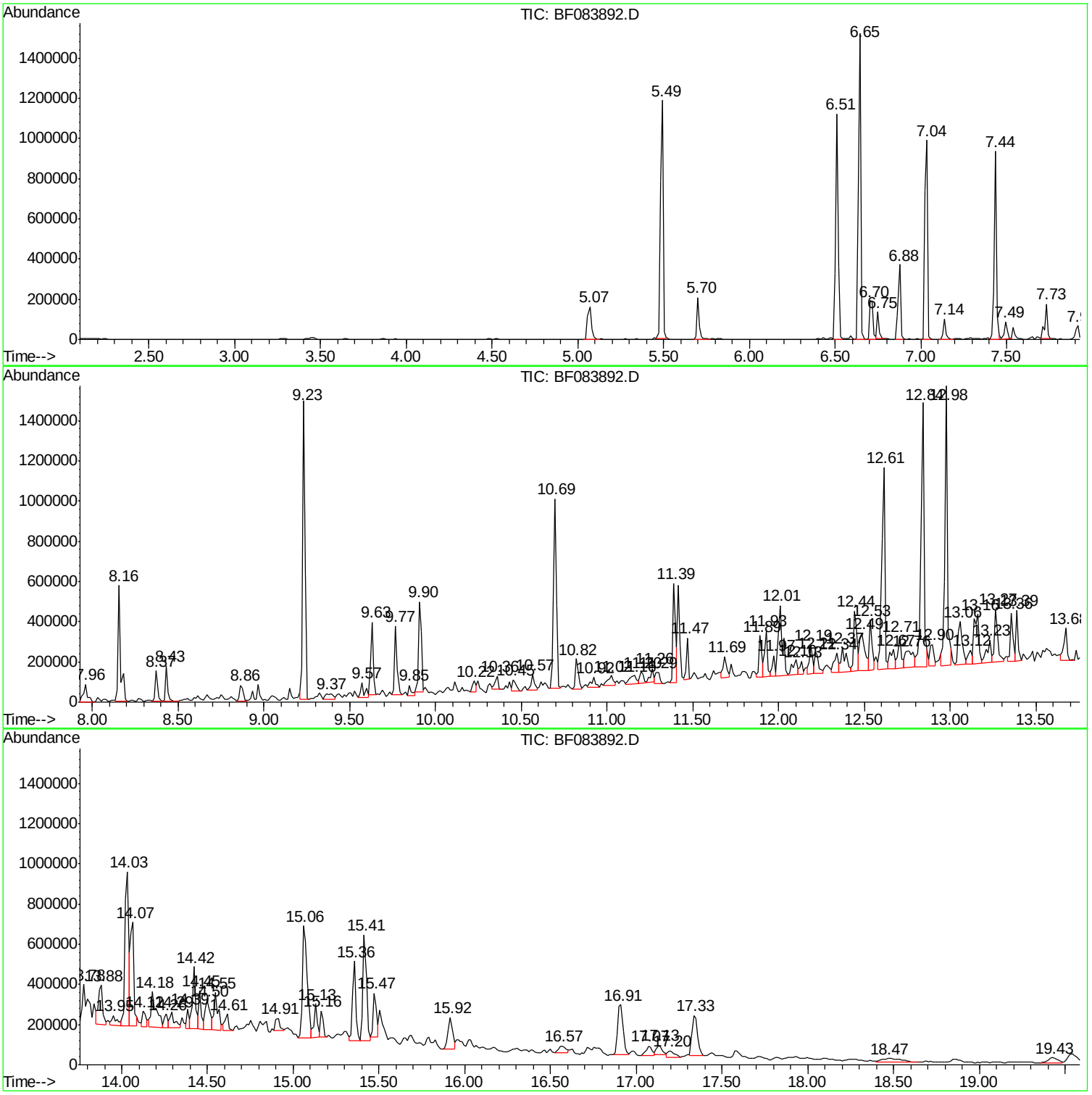
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

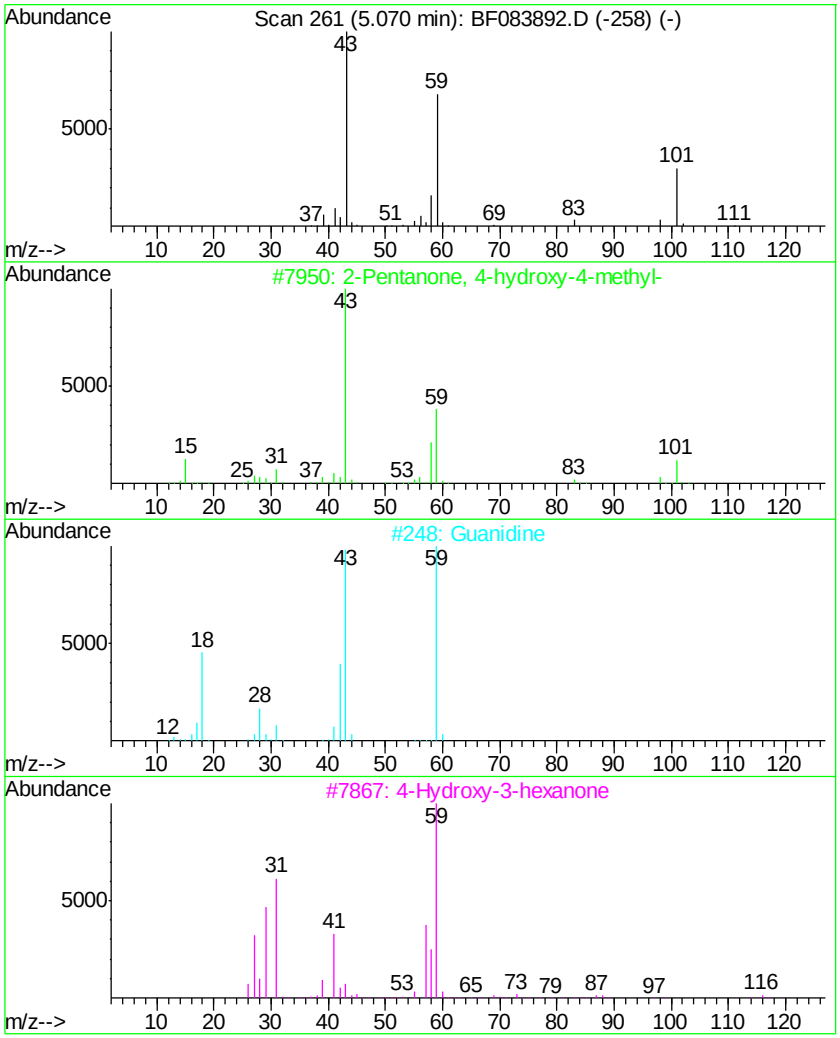
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

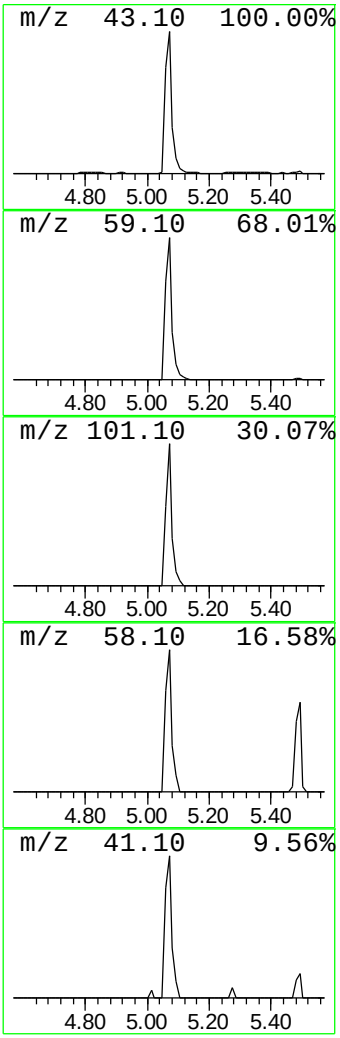
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	14.06 ng	243323	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

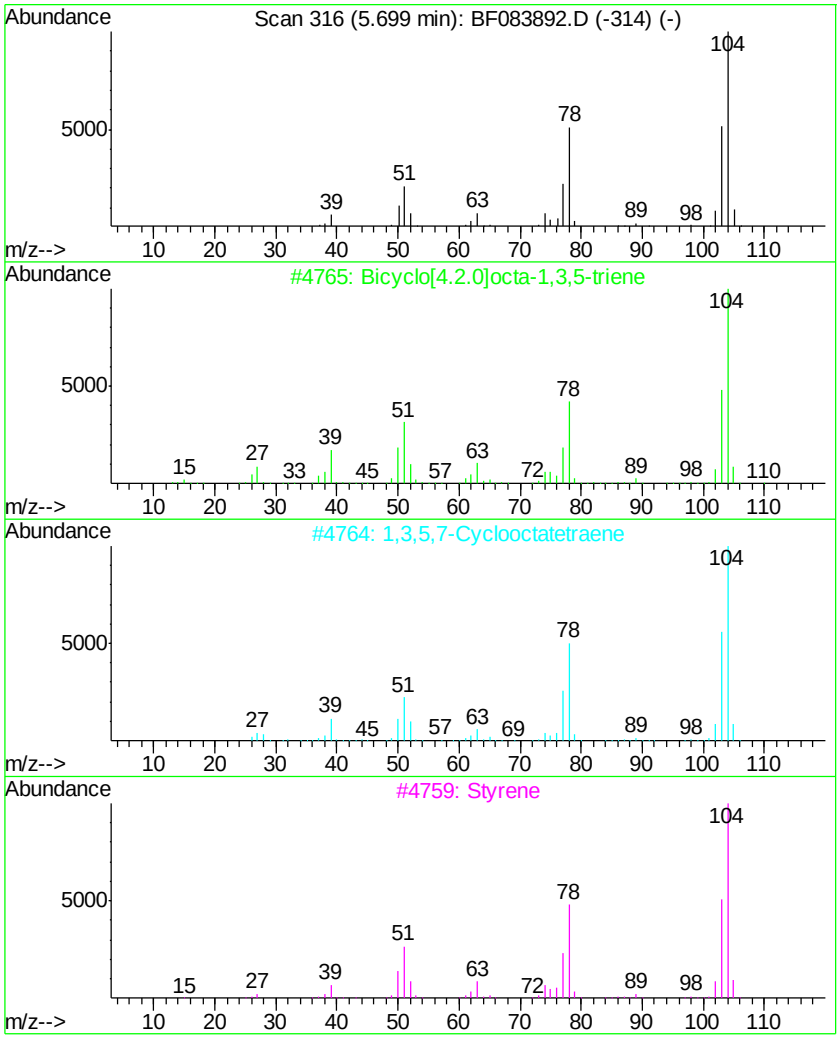
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

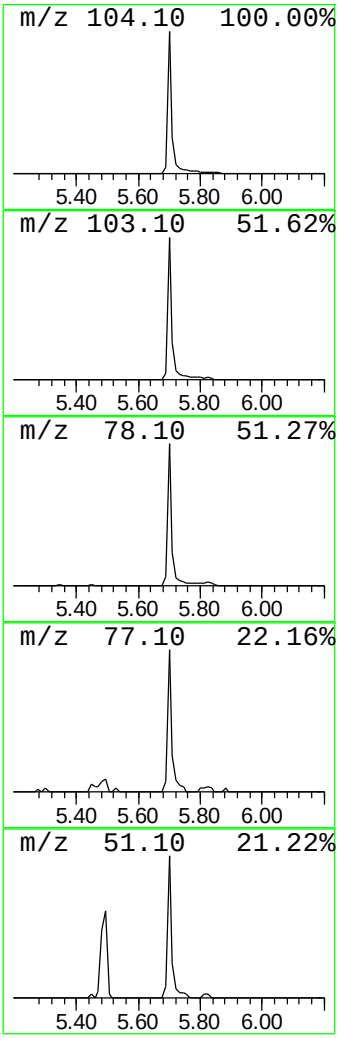
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	12.30 ng	212989	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

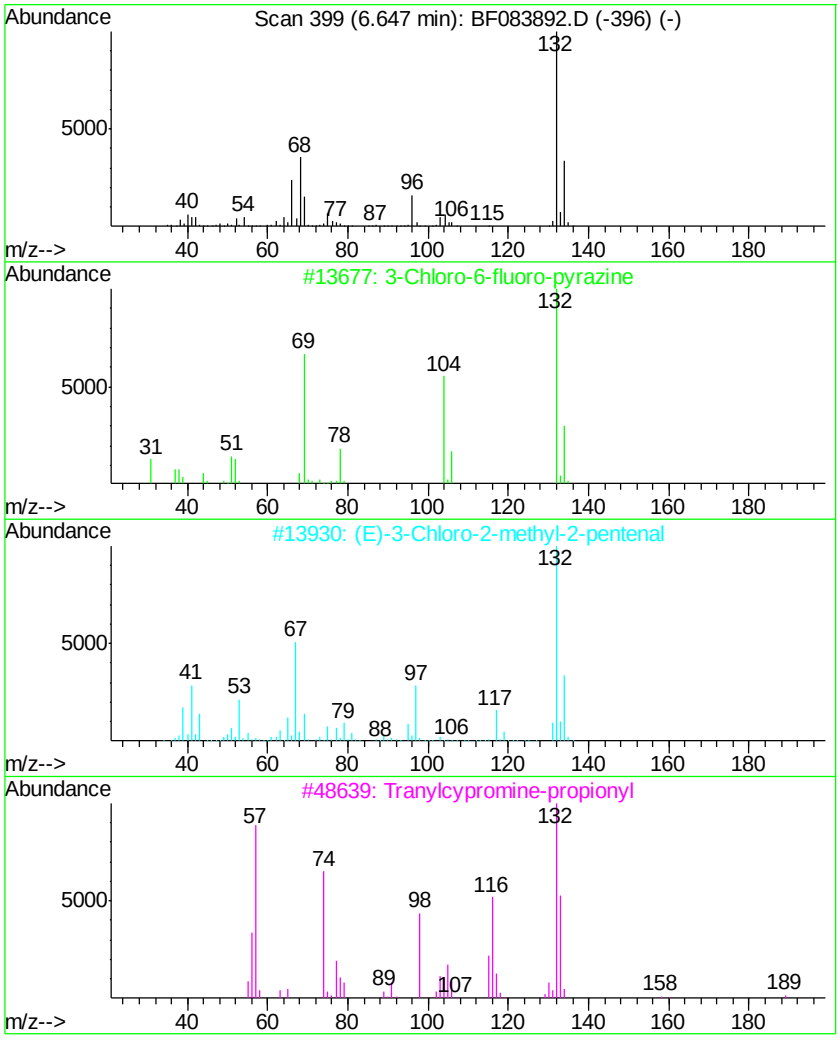
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

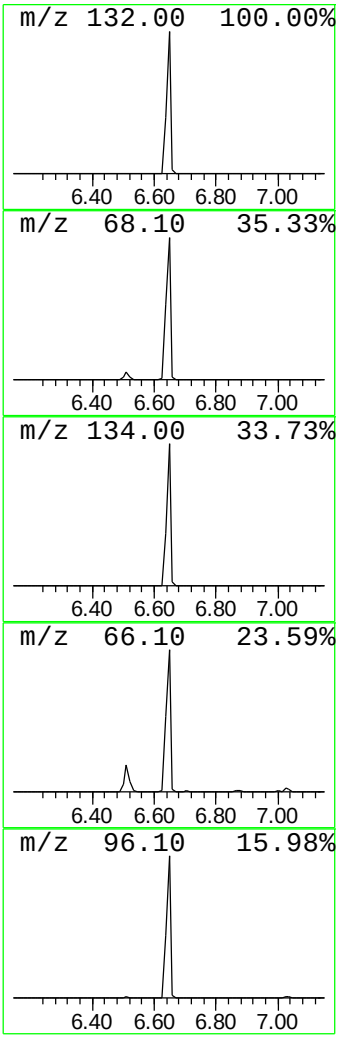
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	89.86 ng	1555700	1,4-Dichlorobenzene-d4	6.88

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	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

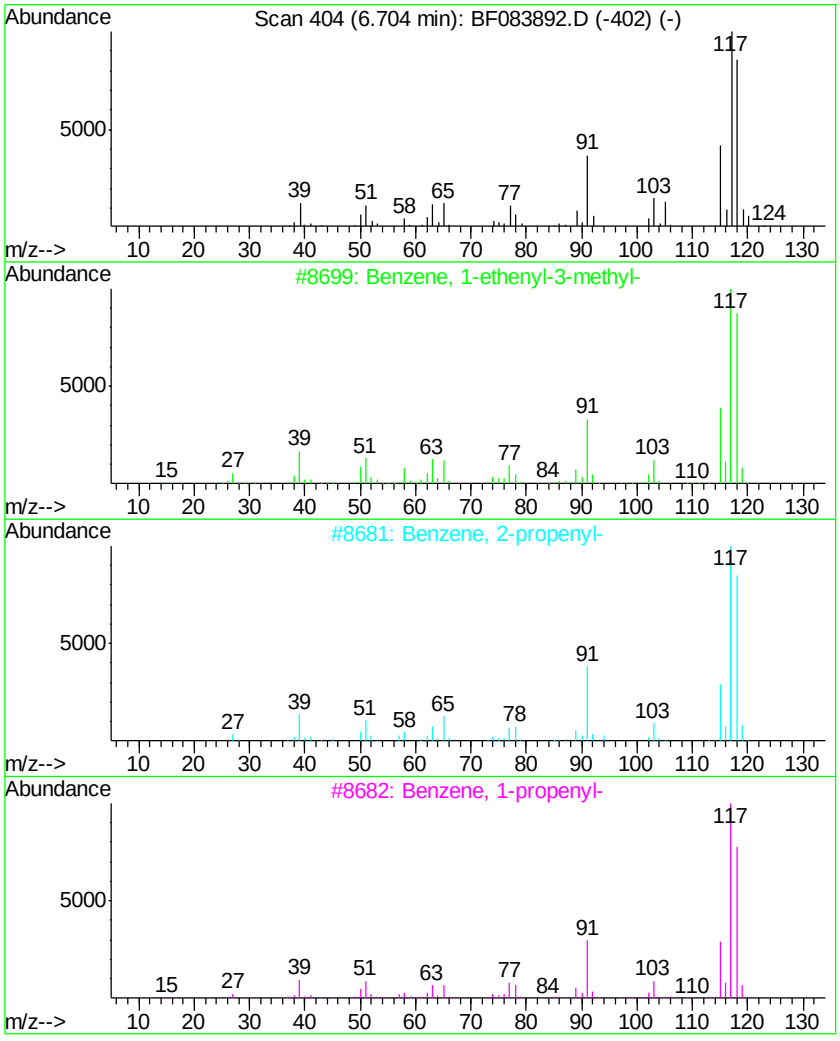
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

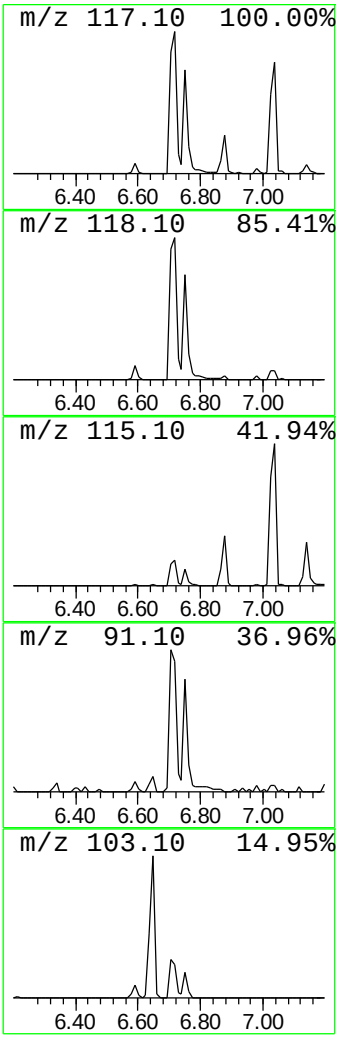
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	16.70 ng	289148	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

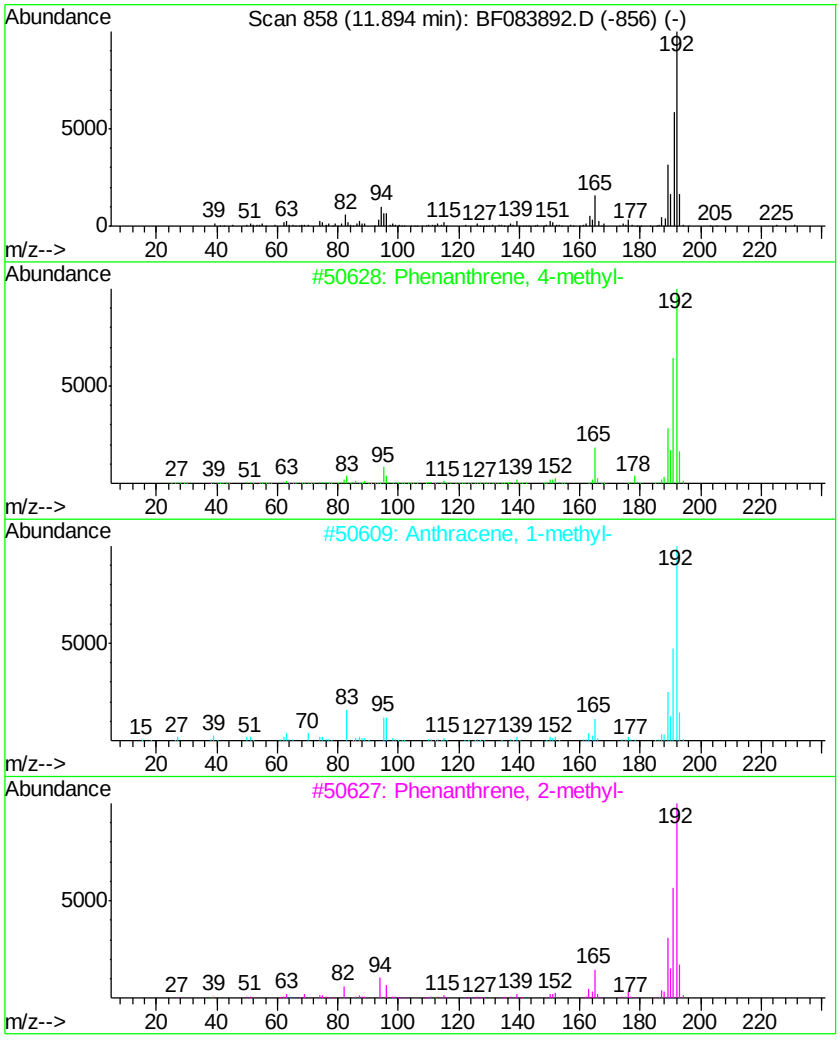
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

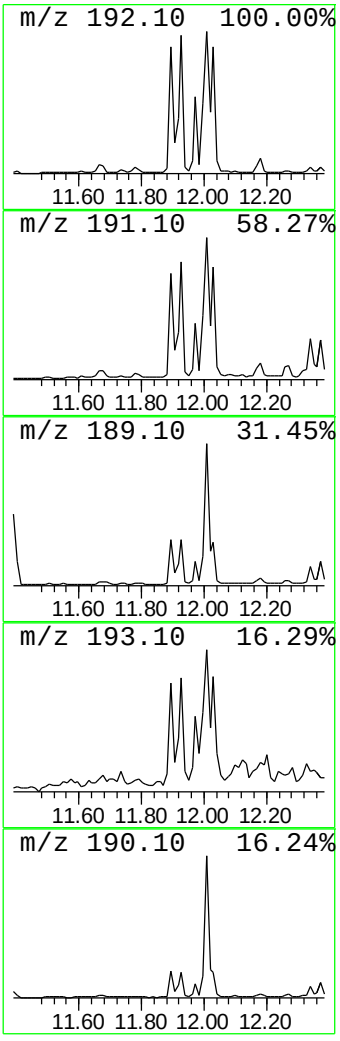
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.59 ng	205111	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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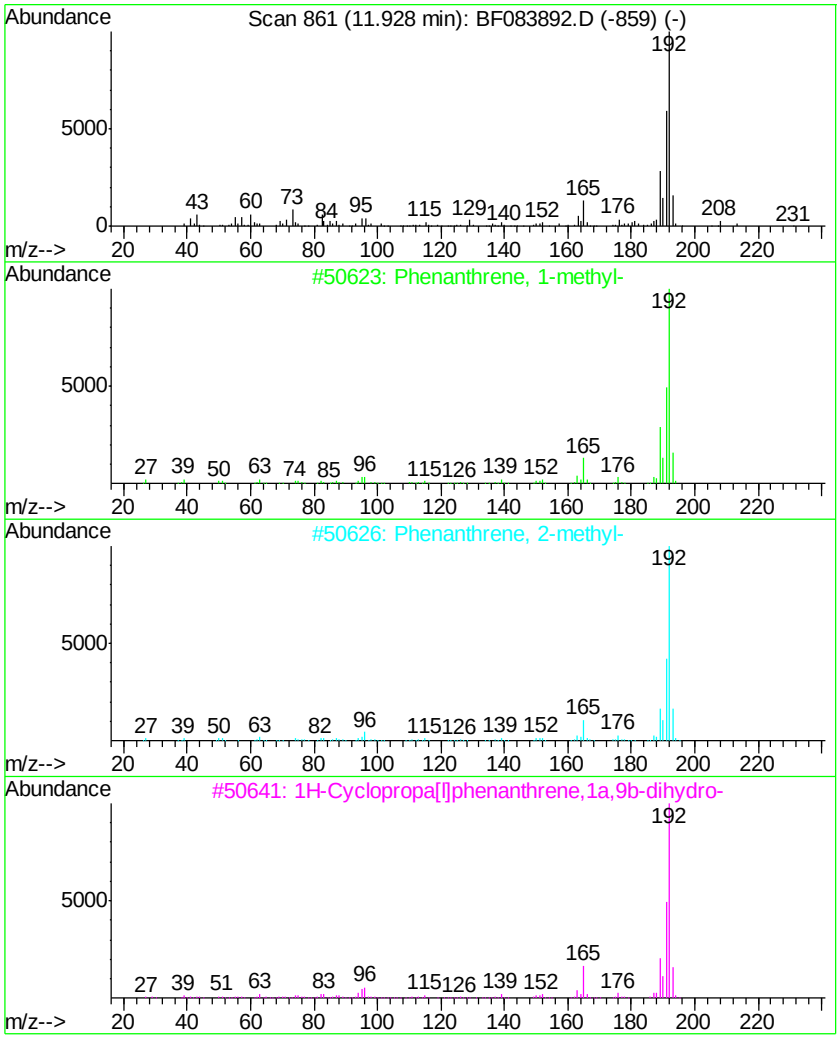
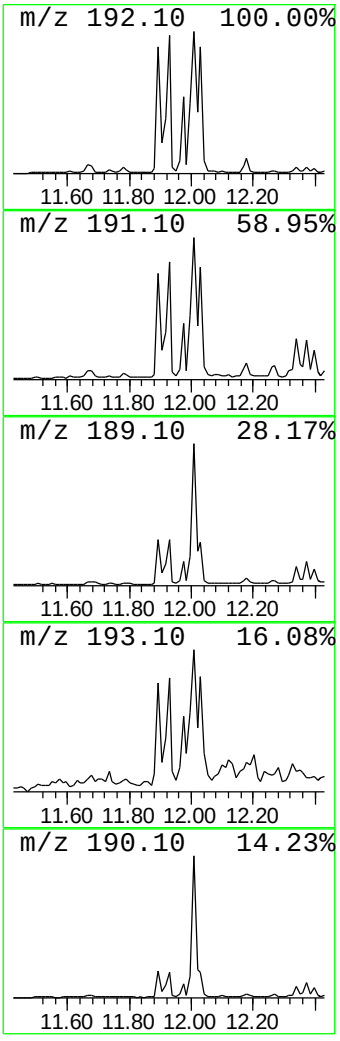
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	11.51 ng	274630	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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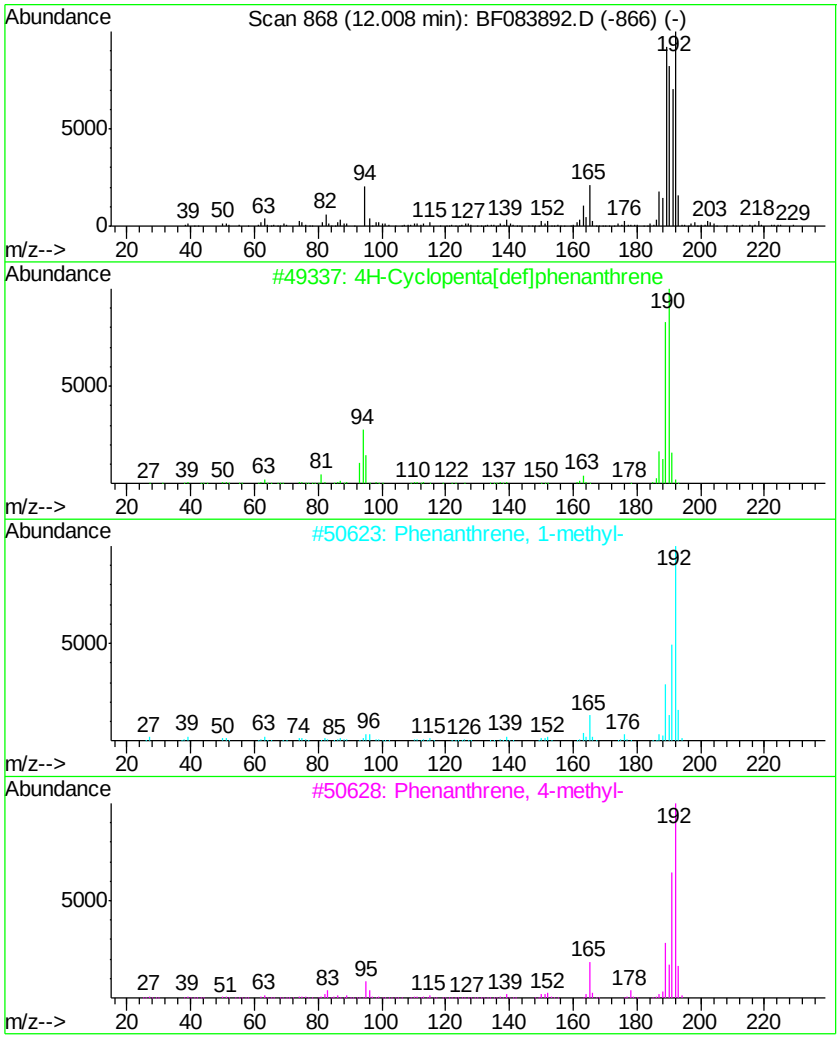
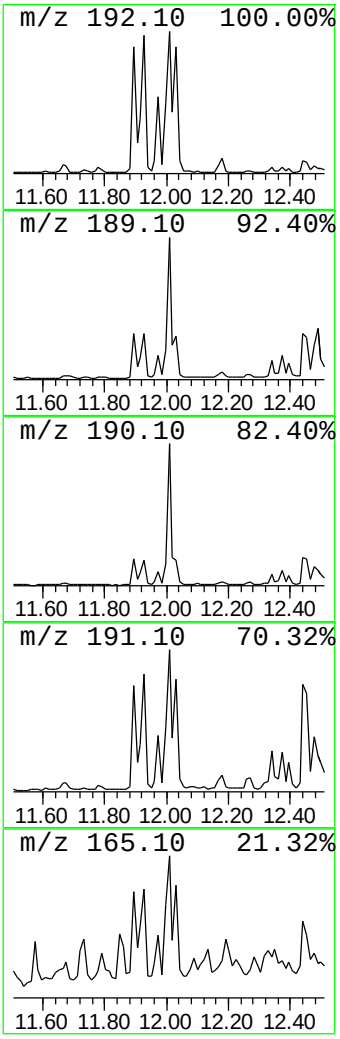
Peak Number 8 unknown12.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	23.79 ng	567758	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	41





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Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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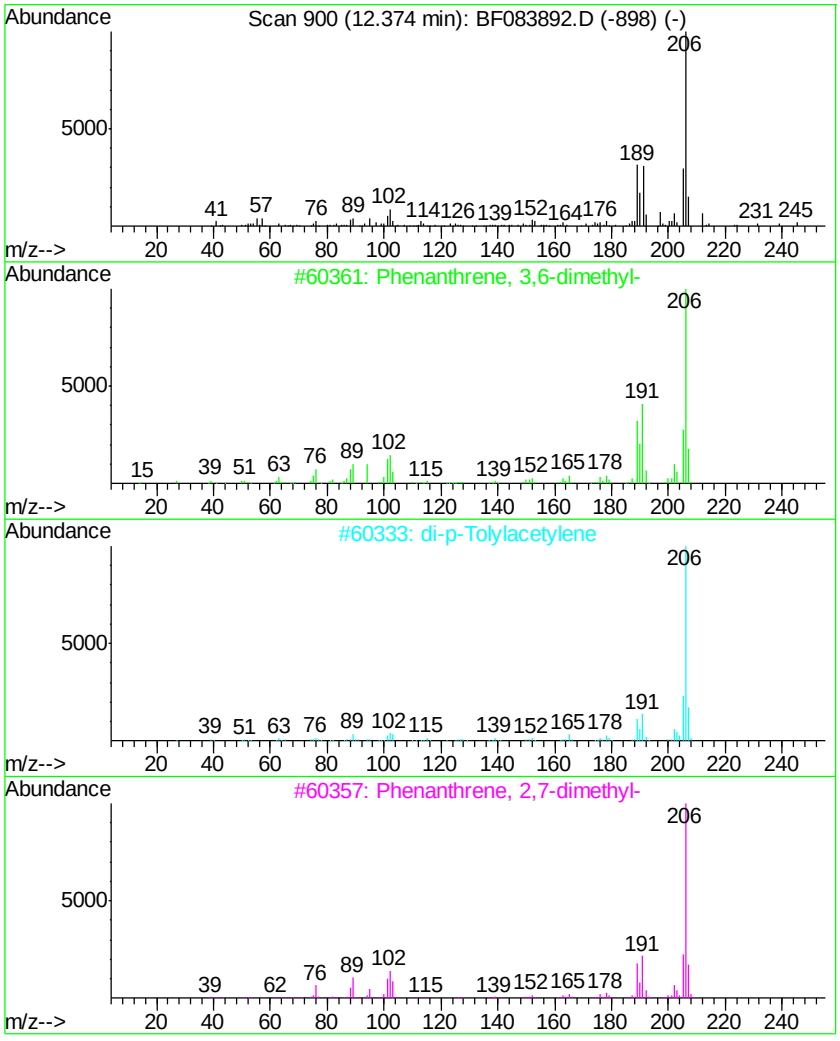
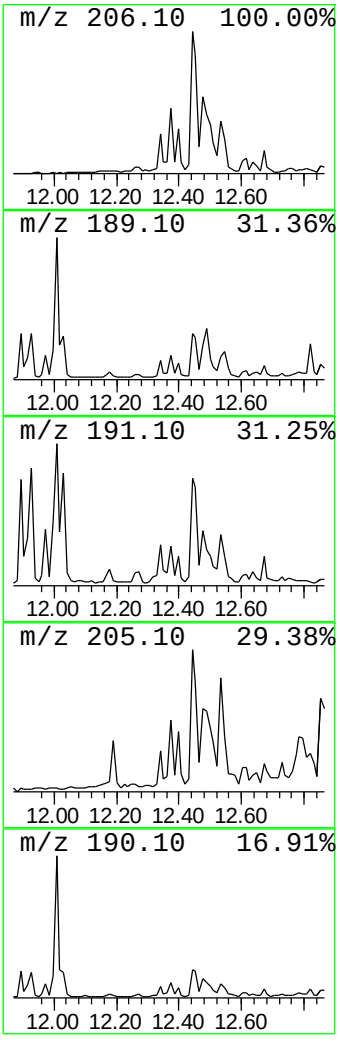
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	10.14 ng	241879	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80





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Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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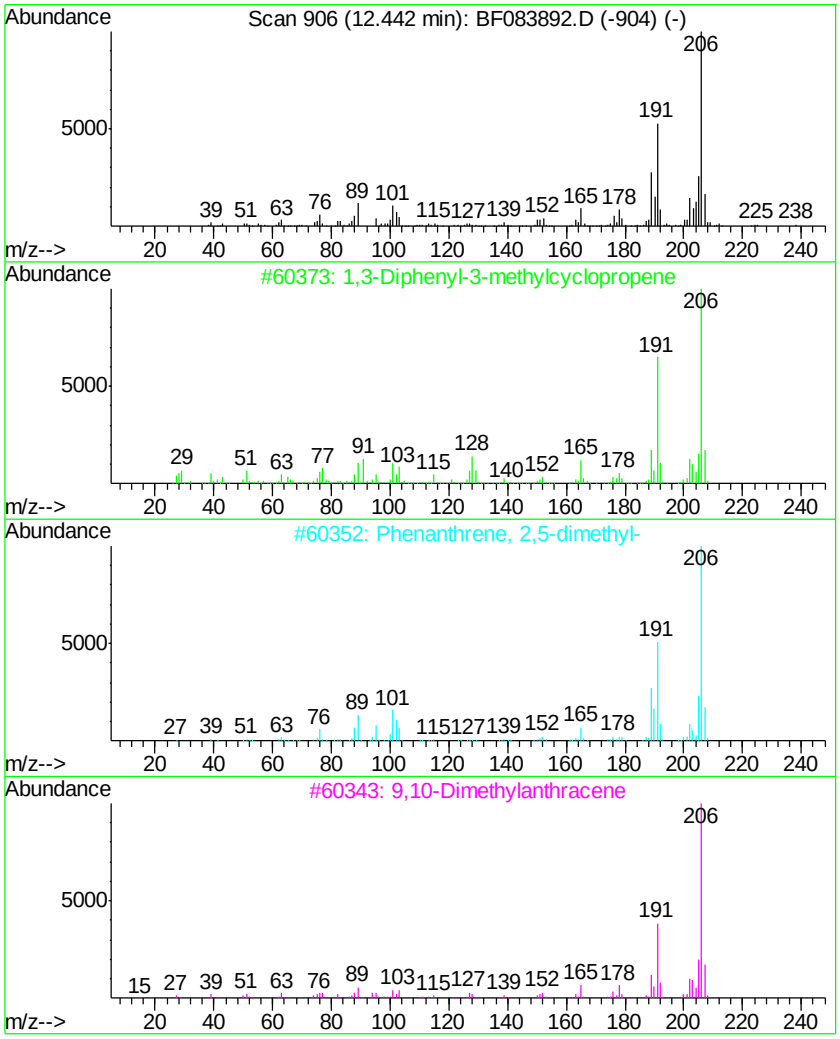
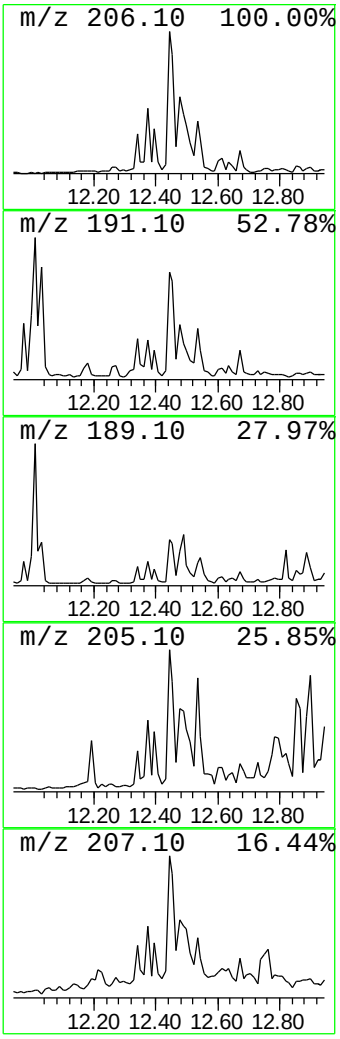
Peak Number 10 1,3-Diphenyl-3-methylcyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	18.17 ng	433559	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





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Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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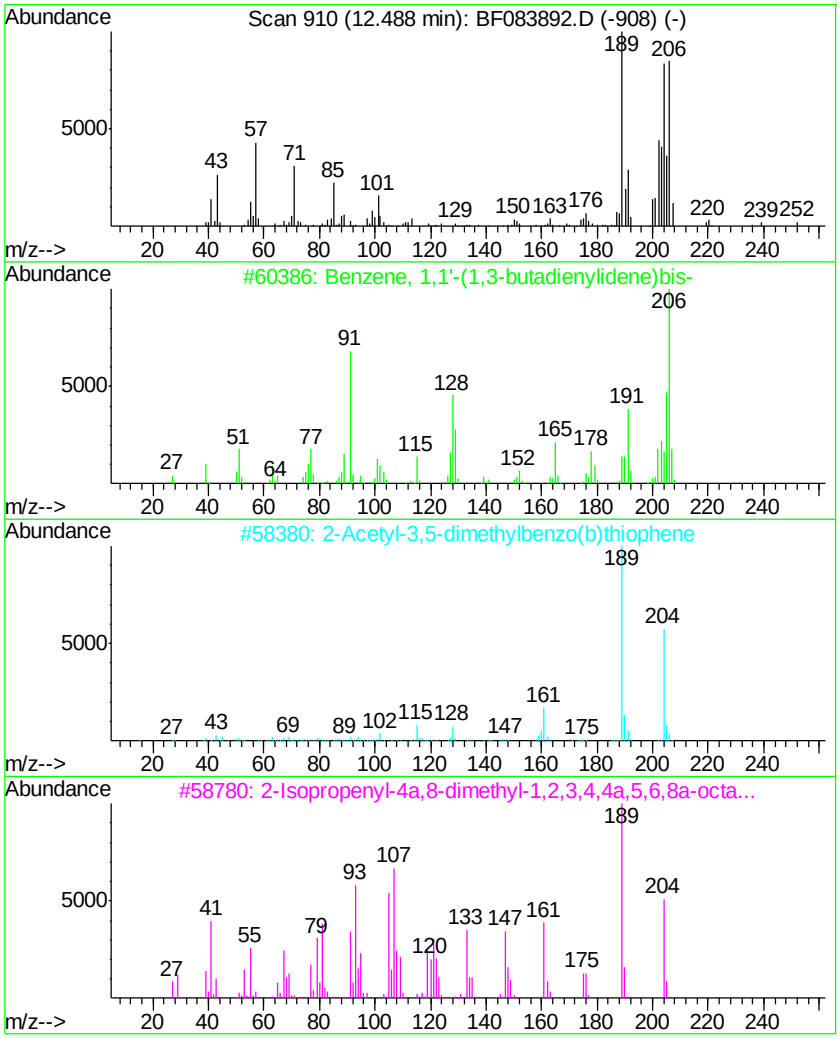
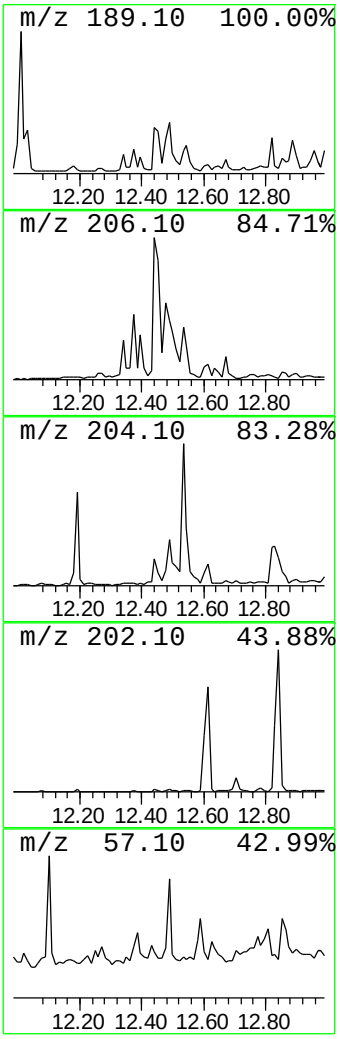
Peak Number 11 unknown12.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	16.55 ng	394897	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38
2	2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	35
3	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	27
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	25
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	22





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Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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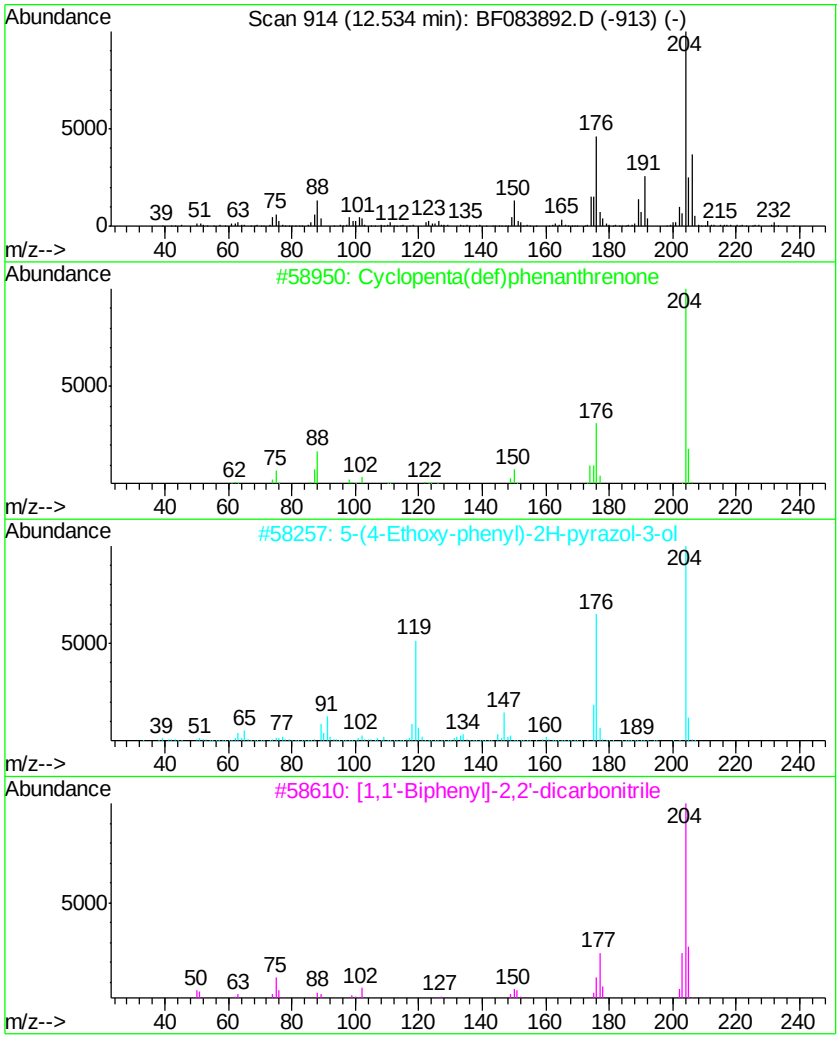
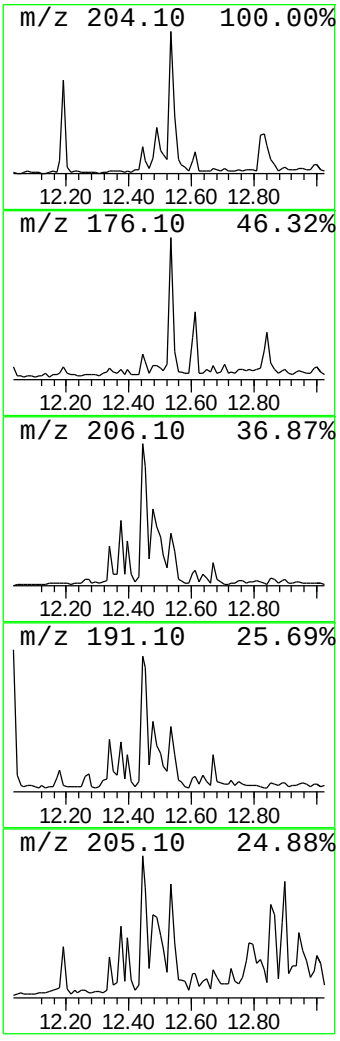
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	11.91 ng	284354	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38





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Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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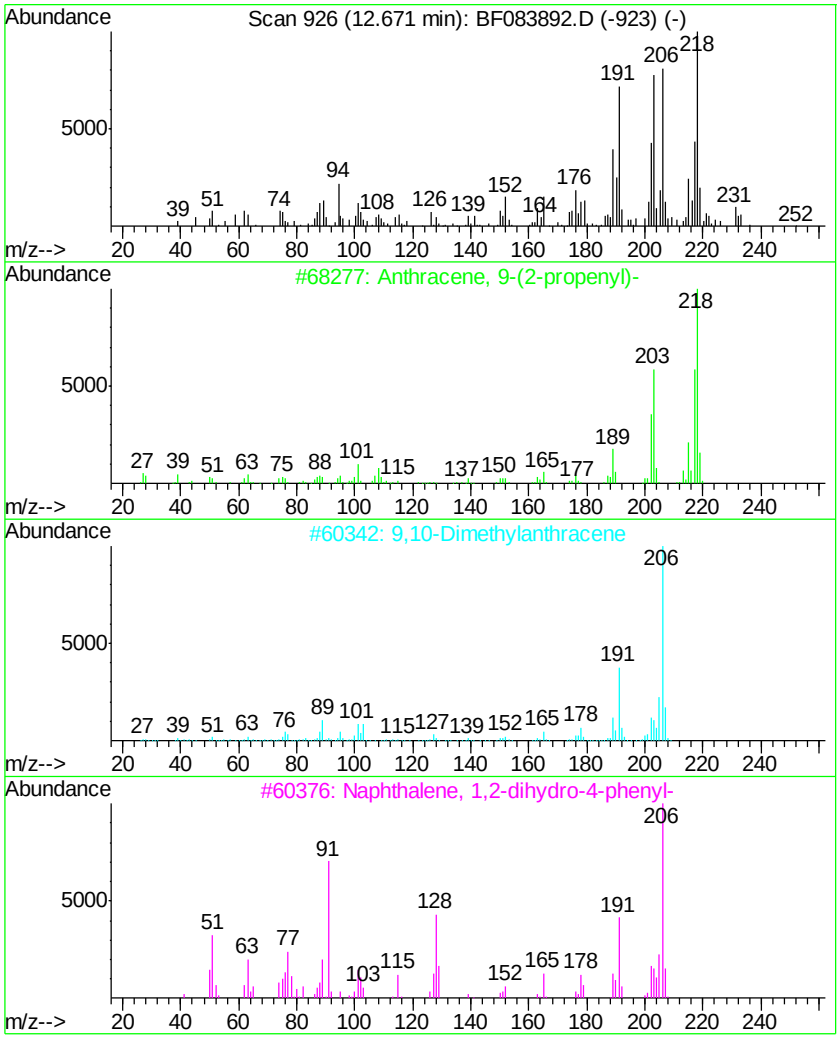
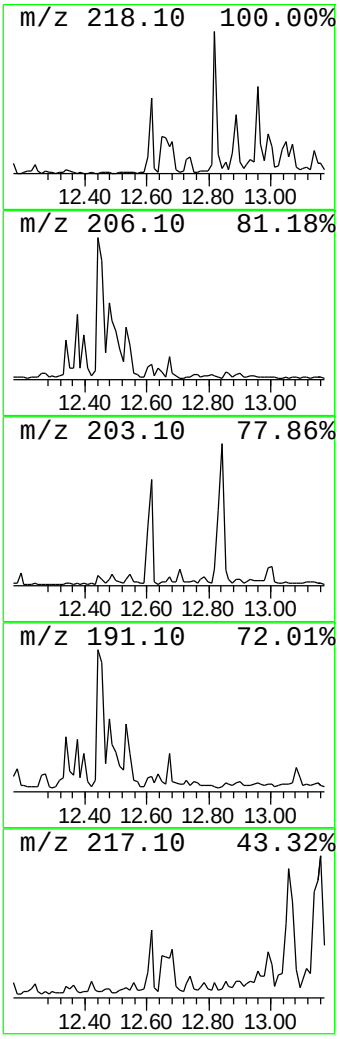
Peak Number 13 Anthracene, 9-(2-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.24 ng	196659	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	64
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	44
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	35
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	35





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Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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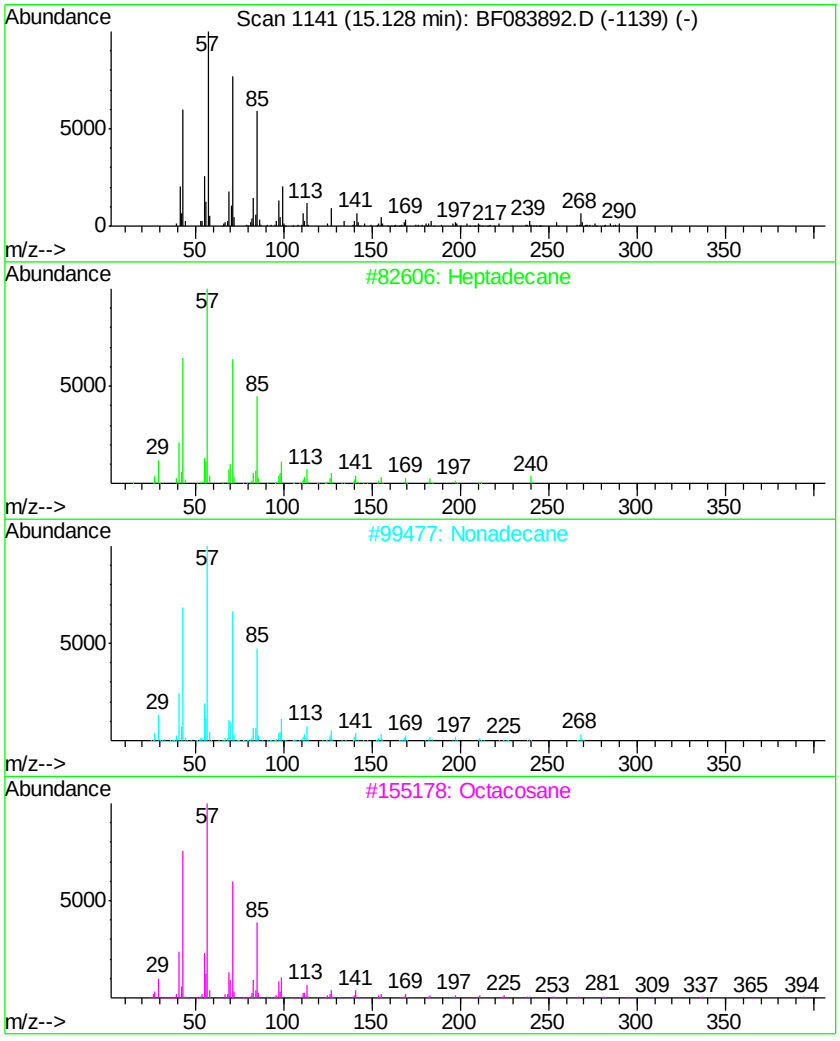
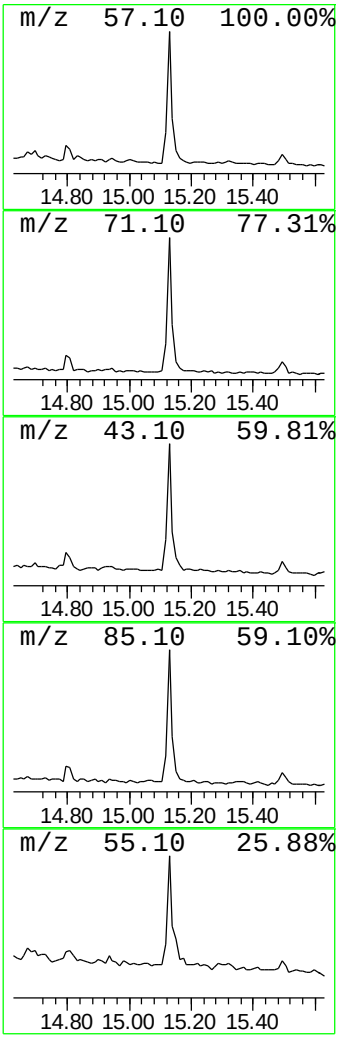
Peak Number 15 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	13.78 ng	219441	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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TIC Library : C:\DATABASE\NIST02.L
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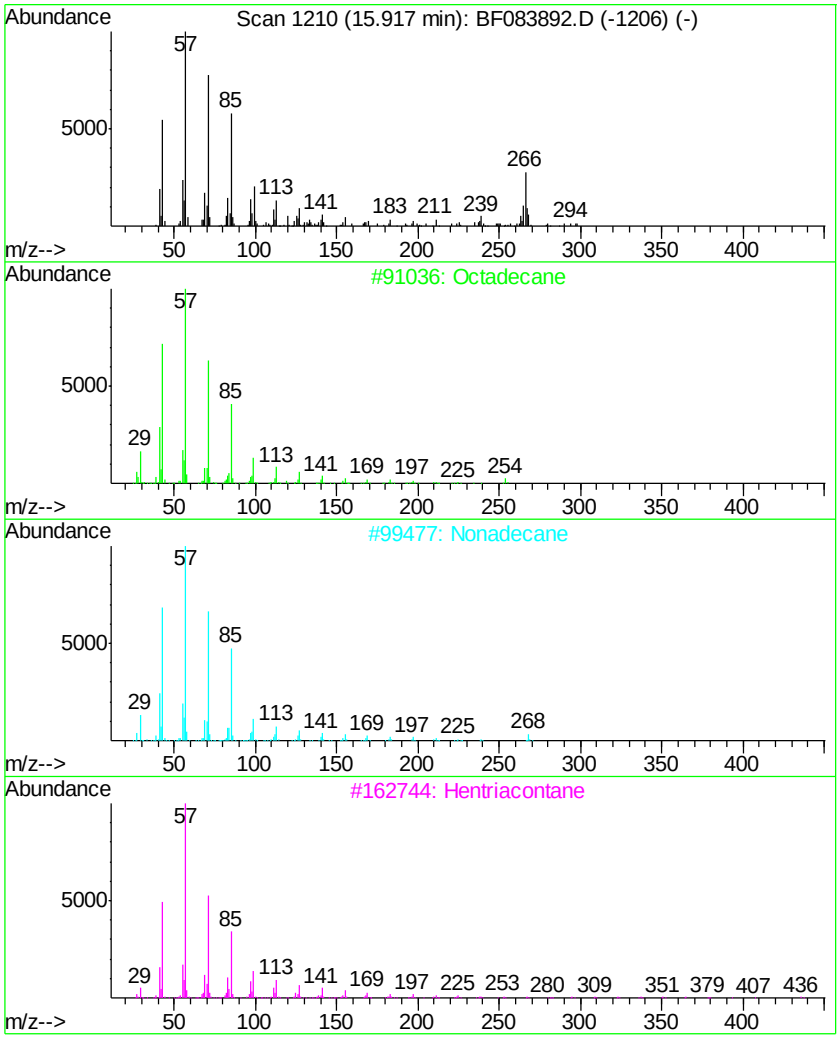
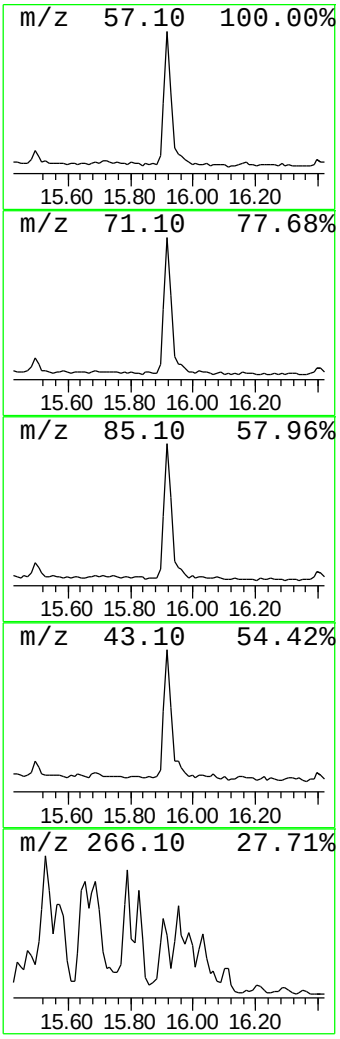
Peak Number 18 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	18.04 ng	287234	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Hentriacontane	437	C31H64	000630-04-6	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	Tetracosane	338	C24H50	000646-31-1	68





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Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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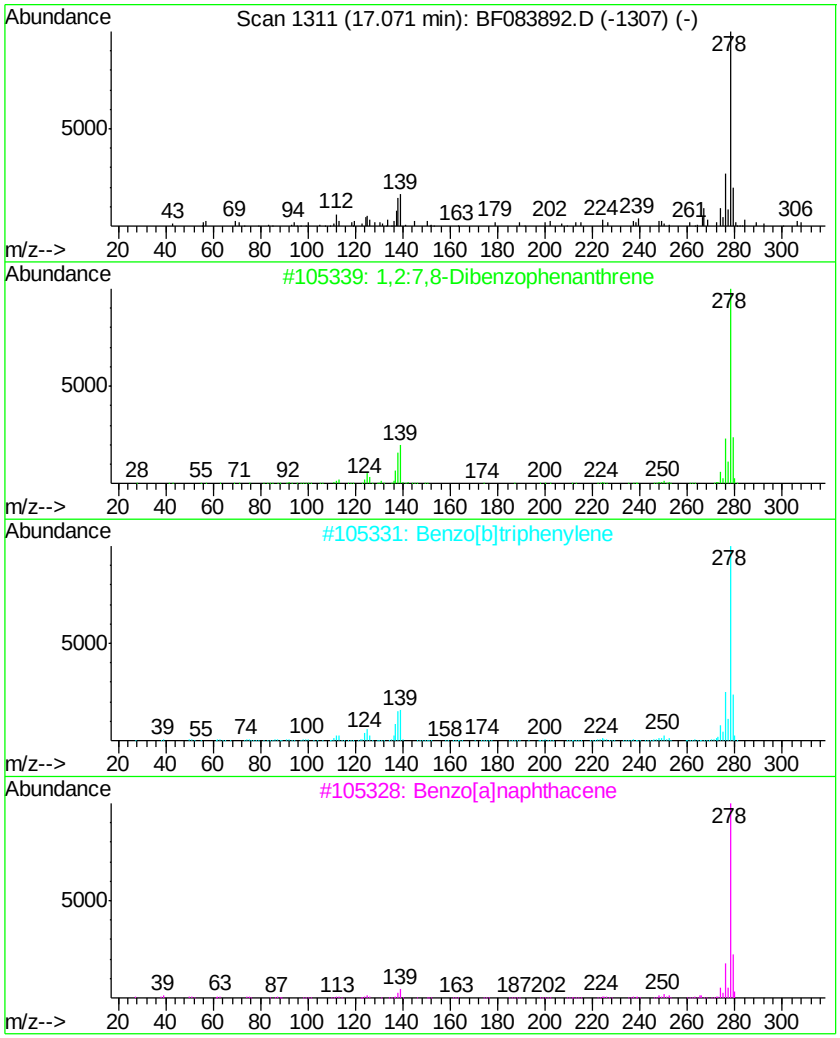
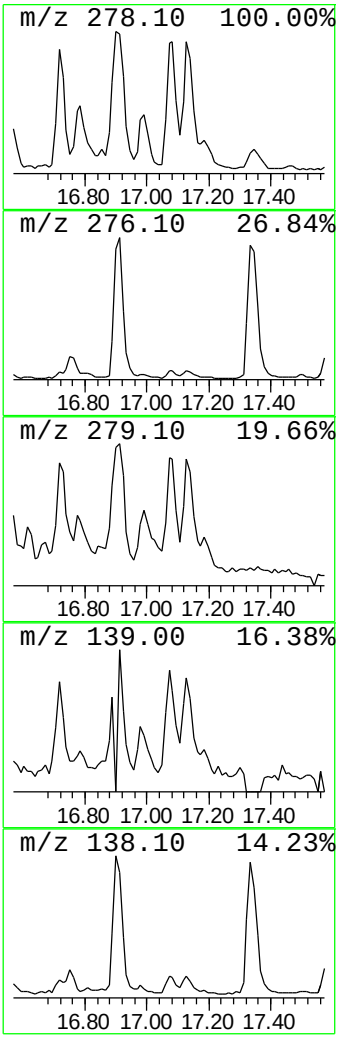
Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	8.28 ng	131811	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	81
4	Benzo[b]chrysene	278	C22H14	000214-17-5	70
5	Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

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

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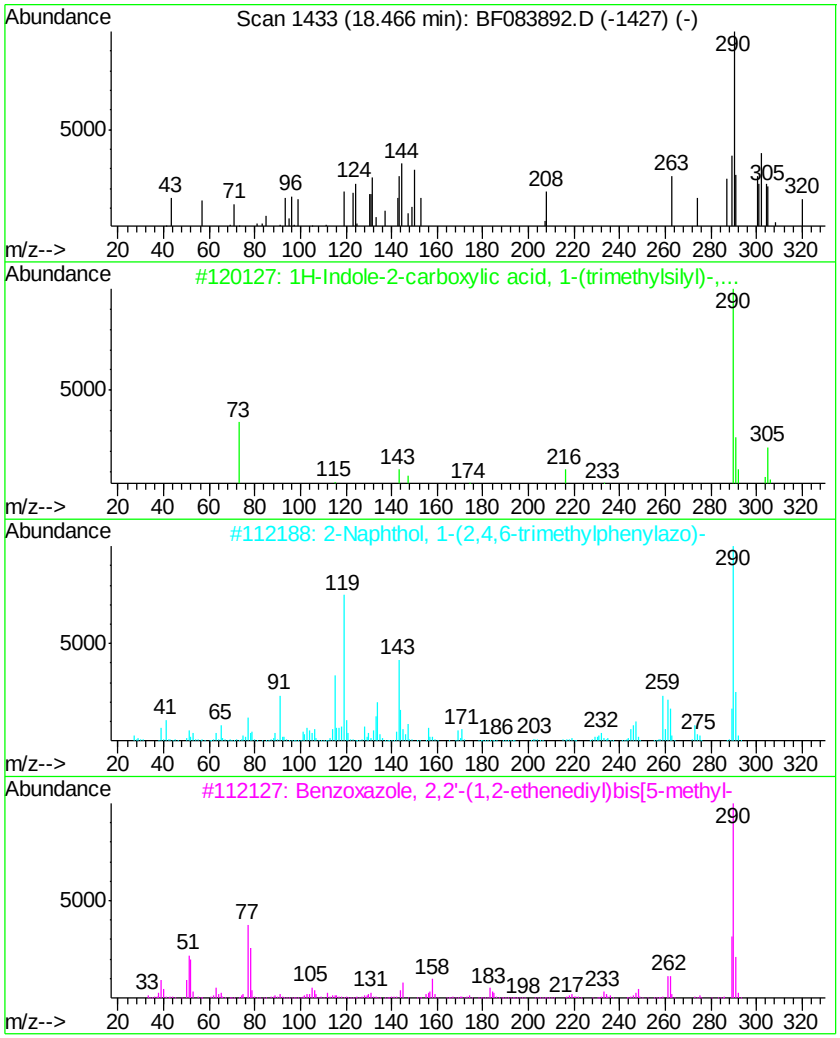
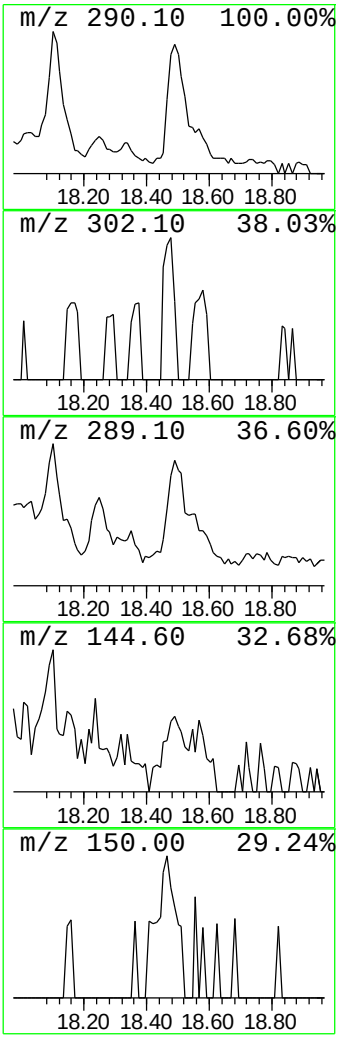
Peak Number 20 unknown18.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	10.48 ng	166968	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 1-(...	305	C15H23NO2Si2	055255-80-6	35
2	2-Naphthol, 1-(2,4,6-trimethylph...	290	C19H18N2O	088423-71-6	27
3	Benzoxazole, 2,2'-(1,2-ethenediy...	290	C18H14N2O2	001041-00-5	25
4	Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	25
5	2,4-Pentadiyn-1-one, 1,5-bis(4-m...	290	C19H14O3	029372-67-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083892.D
Acq On : 18 Dec 2015 2:56
Operator : UM/SJ
Sample : G4680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K212-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	14.1	ng	243323	1	6.88	346238	20.0
Bicyclo[4.2.0]oct...	5.70	12.3	ng	212989	1	6.88	346238	20.0
unknown6.65	6.65	89.9	ng	1555700	1	6.88	346238	20.0
Benzene, 1-etheny...	6.70	16.7	ng	289148	1	6.88	346238	20.0
Phenanthrene, 4-m...	11.89	8.6	ng	205111	4	11.39	477314	20.0
Phenanthrene, 1-m...	11.93	11.5	ng	274630	4	11.39	477314	20.0
unknown12.01	12.01	23.8	ng	567758	4	11.39	477314	20.0
Phenanthrene, 3,6...	12.37	10.1	ng	241879	4	11.39	477314	20.0
1,3-Diphenyl-3-me...	12.44	18.2	ng	433559	4	11.39	477314	20.0
unknown12.49	12.49	16.6	ng	394897	4	11.39	477314	20.0
Cyclopenta(def)ph...	12.53	11.9	ng	284354	4	11.39	477314	20.0
Anthracene, 9-(2-...	12.67	8.2	ng	196659	4	11.39	477314	20.0
Heptadecane	15.13	13.8	ng	219441	6	15.47	318514	20.0
Octadecane	15.92	18.0	ng	287234	6	15.47	318514	20.0
1,2:7,8-Dibenzoph...	17.07	8.3	ng	131811	6	15.47	318514	20.0
unknown18.47	18.47	10.5	ng	166968	6	15.47	318514	20.0