LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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	2.361	16	24	28	rBV	44387	70262	2.50%	0.151%
2	4.521	210	213	216	rBV	82349	95266	3.39%	0.205%
3	5.047	255	259	267	rVB	489138	878537	31.30%	1.890%
4	5.470	294	296	299	rBV	1838621	2595093	92.45%	5.583%
5	5.859	328	330	332	rBV	51115	50248	1.79%	0.108%
6	6.499	383	386	389	rBV	1740016	2635951	93.91%	5.671%
7	6.625	394	397	400	rVV	2459076	2465548	87.84%	5.305%
8	6.853	414	417	419	rBV	433698	522586	18.62%	1.124%
9	7.013	428	431	433	rBV	1672861	2246268	80.02%	4.833%
10	7.413	463	466	469	rBV	1377036	1614052	57.50%	3.473%
11	7.539	474	477	482	rVB	37146	60320	2.15%	0.130%
12	8.133	526	529	530	rBV	831495	730715	26.03%	1.572%
13	8.156	530	531	533	rVB	137399	99528	3.55%	0.214%
14	8.842	589	591	594	rVB	83940	73263	2.61%	0.158%
15	8.945	598	600	602	rVV	65194	55639	1.98%	0.120%
16	9.208	620	623	626	rBV	2543454	2806968	100.00%	6.039%
17	9.311	629	632	634	rVV2	30761	52278	1.86%	0.112%
18	9.471	644	646	648	rVB	35205	44311	1.58%	0.095%
19	9.539	651	652	654	rVV	50245	74955	2.67%	0.161%
20	9.608	656	658	660	rVV	482265	621892	22.16%	1.338%
21	9.665	660	663	665	rVV2	29825	51710	1.84%	0.111%
22	9.745	668	670	672	rVV	75948	63200	2.25%	0.136%
23	9.825	672	677	679	rVB	71920	74042	2.64%	0.159%
24	9.882	680	682	684	rVV	765042	777513	27.70%	1.673%
25	9.916	684	685	687	rVB	310401	237893	8.48%	0.512%
26	10.042	694	696	698	rBV3	38326	51244	1.83%	0.110%
27	10.088	698	700	702	rVV	196223	179600	6.40%	0.386%
28	10.133	702	704	707	rVB2	20953	42532	1.52%	0.092%
29	10.202	707	710	711	rBV2	28913	34602	1.23%	0.074%
30	10.293	716	718	719	rBV	47591	61004	2.17%	0.131%
31	10.316	719	720	722	rVV	73573	86922	3.10%	0.187%
32	10.385	722	726	728	rVV3	17595	31428	1.12%	0.068%
33	10.431	728	730	733	rVB	221094	210717	7.51%	0.453%
34	10.499	733	736	737	rBV	44469	88219	3.14%	0.190%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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	10.545	739	740	743	rVV2	58728	86257	3.07%	0.186%
36	10.591	743	744	746	rVB	70183	55111	1.96%	0.119%
37	10.671	748	751	754	rVV2	1338553	1888623	67.28%	4.063%
38	10.796	759	762	765	rVV	147654	188790	6.73%	0.406%
39	10.979	774	778	779	rBV2	59450	110183	3.93%	0.237%
40	11.059	782	785	786	rVB3	23576	37538	1.34%	0.081%
41	11.128	786	791	793	rBV4	53917	121834	4.34%	0.262%
42	11.174	793	795	797	rVB	212793	187230	6.67%	0.403%
43	11.242	797	801	802	rBV2	101970	196421	7.00%	0.423%
44	11.265	802	803	806	rVB	143231	133880	4.77%	0.288%
45	11.368	809	812	813	rBV	723276	773339	27.55%	1.664%
46	11.391	813	814	816	rVB	1509866	1705285	60.75%	3.669%
47	11.448	816	819	820	rVB	353459	460872	16.42%	0.992%
48	11.482	820	822	823	rVB	41599	46871	1.67%	0.101%
49	11.551	826	828	829	rVB	33920	33478	1.19%	0.072%
50	11.596	829	832	834	rBV2	238326	257674	9.18%	0.554%
51	11.665	836	838	839	rBV	95976	84260	3.00%	0.181%
52	11.699	839	841	844	rVB3	80756	86475	3.08%	0.186%
53	11.779	844	848	850	rBV2	34641	60041	2.14%	0.129%
54	11.825	850	852	853	rBV	38815	39090	1.39%	0.084%
55	11.871	853	856	857	rBV	323084	298626	10.64%	0.642%
56	11.894	857	858	860	rVB	353798	352544	12.56%	0.758%
57	11.939	860	862	864	rBV2	89456	126136	4.49%	0.271%
58	11.985	864	866	870	rVB	336398	637071	22.70%	1.371%
59	12.076	870	874	875	rBV3	74970	125348	4.47%	0.270%
60	12.168	879	882	883	rBV	136825	199053	7.09%	0.428%
61	12.191	883	884	886	rVB	273529	212547	7.57%	0.457%
62	12.237	886	888	889	rBV	36071	28860	1.03%	0.062%
63	12.317	892	895	896	rBV2	87112	120571	4.30%	0.259%
64	12.351	896	898	899	rBV	39640	70985	2.53%	0.153%
65	12.419	901	904	905	rBV	189875	202166	7.20%	0.435%
66	12.454	905	907	910	rVB4	90416	179832	6.41%	0.387%
67	12.511	910	912	914	rBV	168947	221475	7.89%	0.476%
68	12.591	916	919	921	rBV	1657746	2299856	81.93%	4.948%
69	12.648	921	924	925	rVB2	61608	95209	3.39%	0.205%
70	12.728	928	931	933	rBV2	100492	173918	6.20%	0.374%
71	12.808	935	938	941	rVB	1347197	2344101	83.51%	5.043%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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	12.854	941	942	945	rVB2	95981	136359	4.86%	0.293%
73	12.957	948	951	953	rVV	2139681	2409406	85.84%	5.184%
74	13.025	954	957	961	rBV3	149445	345785	12.32%	0.744%
75	13.139	963	967	968	rVB	253654	403808	14.39%	0.869%
76	13.197	968	972	974	rBV2	119606	232921	8.30%	0.501%
77	13.242	974	976	980	rBV2	224338	336385	11.98%	0.724%
78	13.334	982	984	985	rBV	130404	121295	4.32%	0.261%
79	13.368	985	987	988	rBV	101446	111835	3.98%	0.241%
80	13.642	1010	1011	1015	rVB	197101	222856	7.94%	0.479%
81	13.757	1018	1021	1022	rBV	211900	271732	9.68%	0.585%
82	13.814	1024	1026	1028	rVV2	107253	240936	8.58%	0.518%
83	13.848	1028	1029	1033	rVB	214811	305508	10.88%	0.657%
84	13.997	1039	1042	1044	rBV2	1003586	1782077	63.49%	3.834%
85	14.111	1050	1052	1053	rBV	154512	133167	4.74%	0.287%
86	14.397	1075	1077	1078	rVB	136713	132247	4.71%	0.285%
87	14.431	1078	1080	1082	rVB2	58477	70086	2.50%	0.151%
88	15.037	1130	1133	1138	rBV	841991	1751763	62.41%	3.769%
89	15.140	1140	1142	1143	rBV	132305	138481	4.93%	0.298%
90	15.323	1156	1158	1161	rVB	438347	594953	21.20%	1.280%
91	15.391	1161	1164	1166	rBV	583229	767234	27.33%	1.651%
92	15.448	1166	1169	1170	rBV	325983	419754	14.95%	0.903%
93	16.866	1289	1293	1296	rBV	313469	589123	20.99%	1.267%
94	17.026	1304	1307	1309	rBV	61152	128426	4.58%	0.276%
95	17.288	1327	1330	1336	rVB	225112	489049	17.42%	1.052%
96	17.528	1349	1351	1359	rVB2	54583	152259	5.42%	0.328%
97	19.460	1517	1520	1527	rVB2	49691	166365	5.93%	0.358%

Sum of corrected areas: 46479666

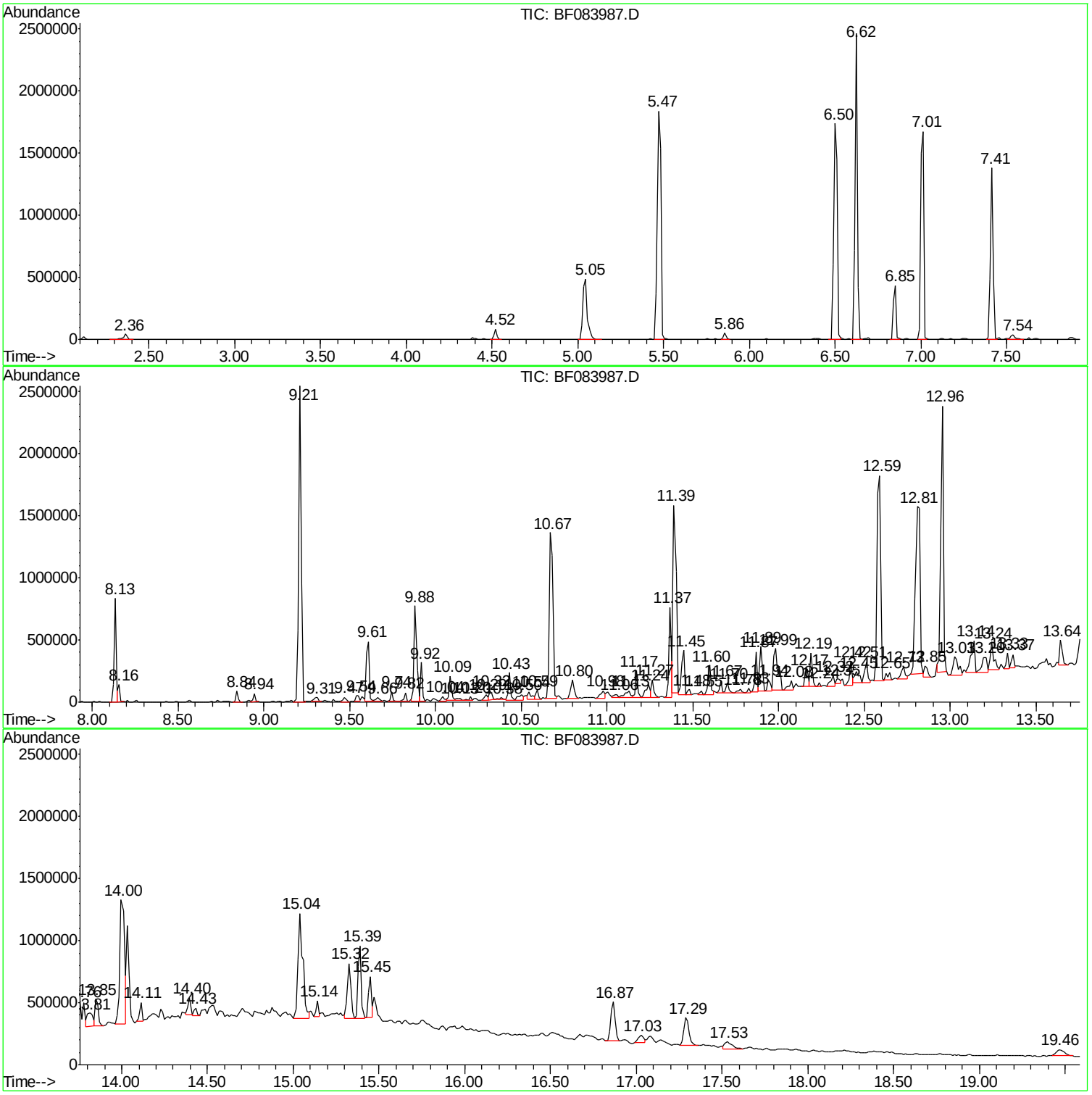
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

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

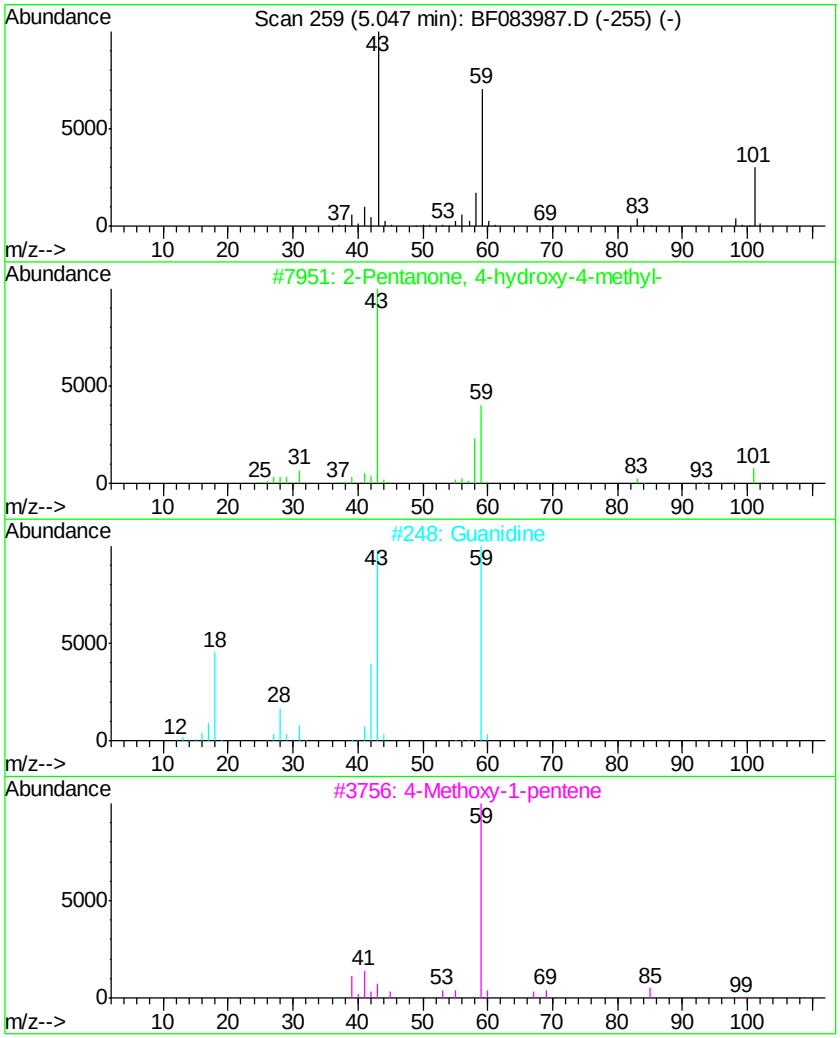
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

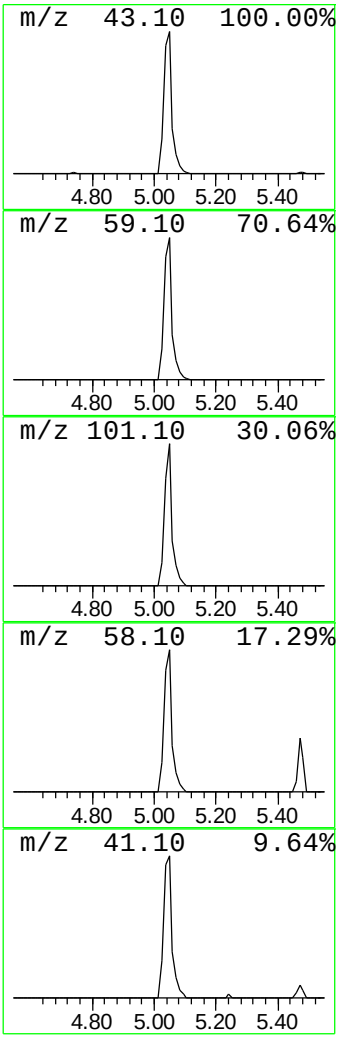
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	33.62 ng	878537	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	43
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

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

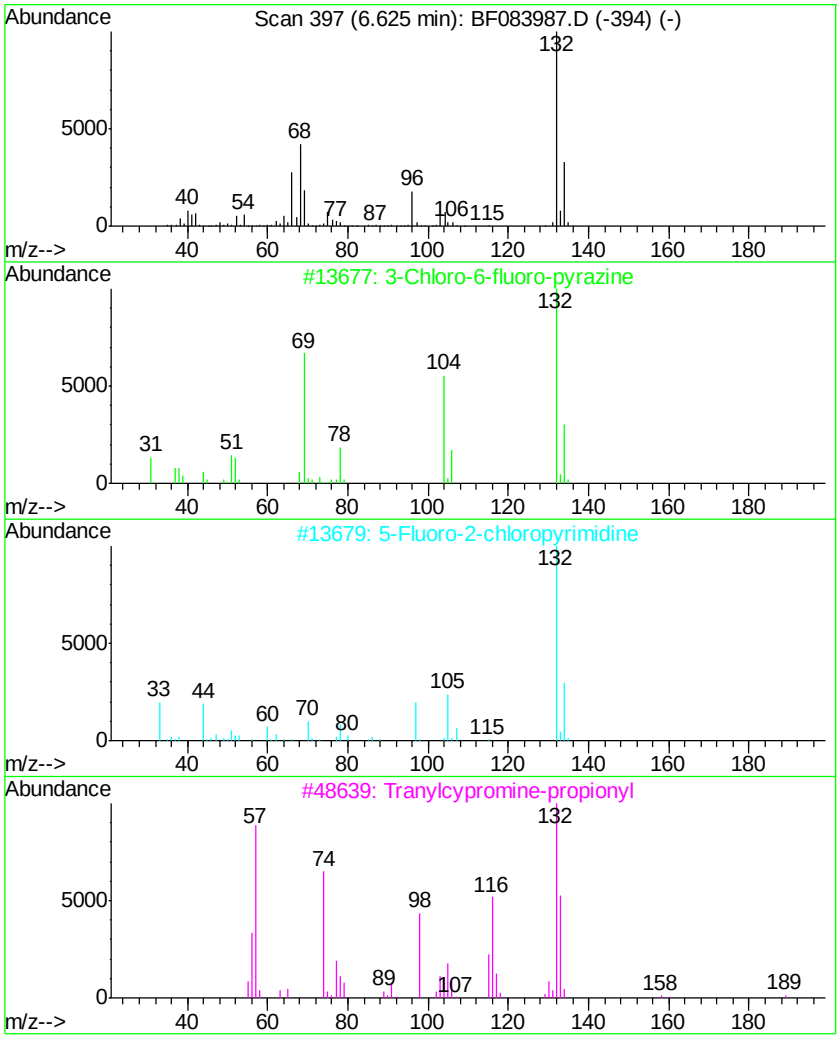
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

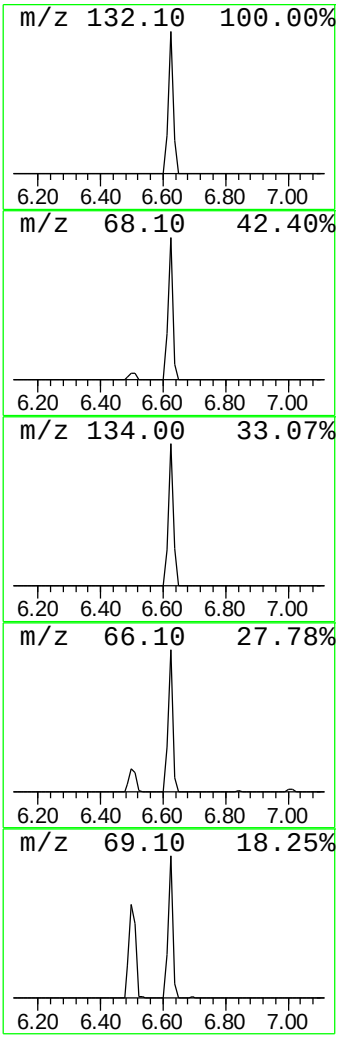
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	94.36 ng	2465550	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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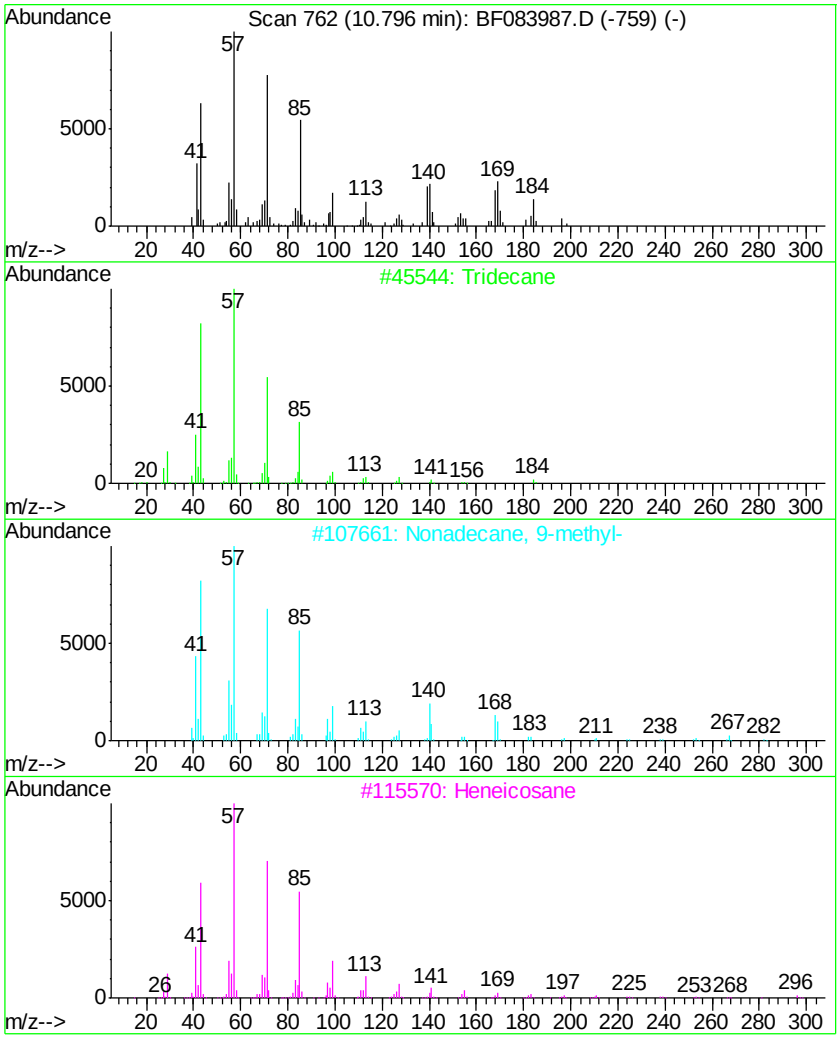
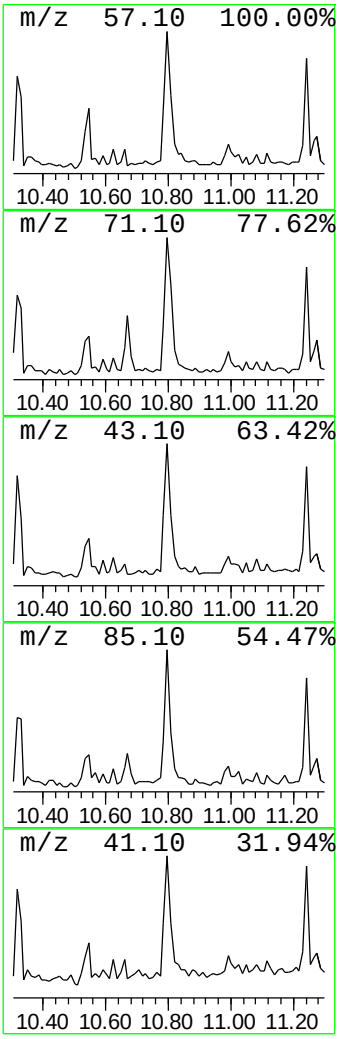
Peak Number 4 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.88 ng	188790	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68
3	Heneicosane	296	C21H44	000629-94-7	60
4	Heptadecane	240	C17H36	000629-78-7	60
5	Eicosane	282	C20H42	000112-95-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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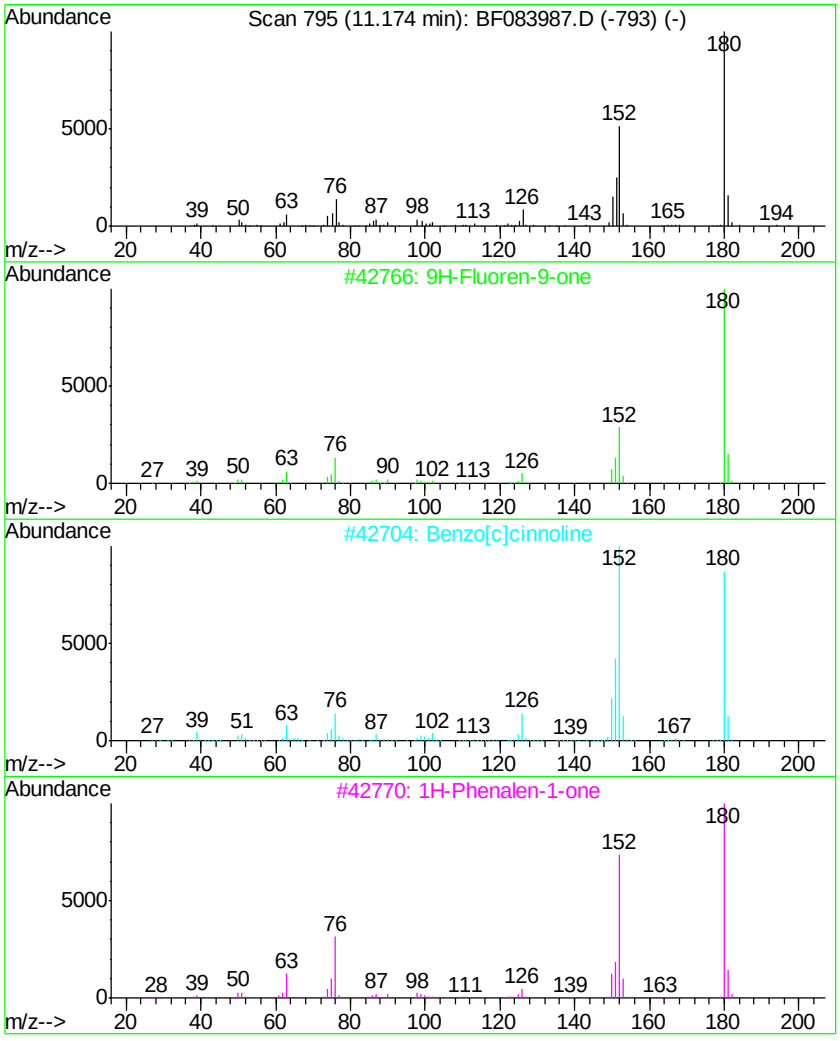
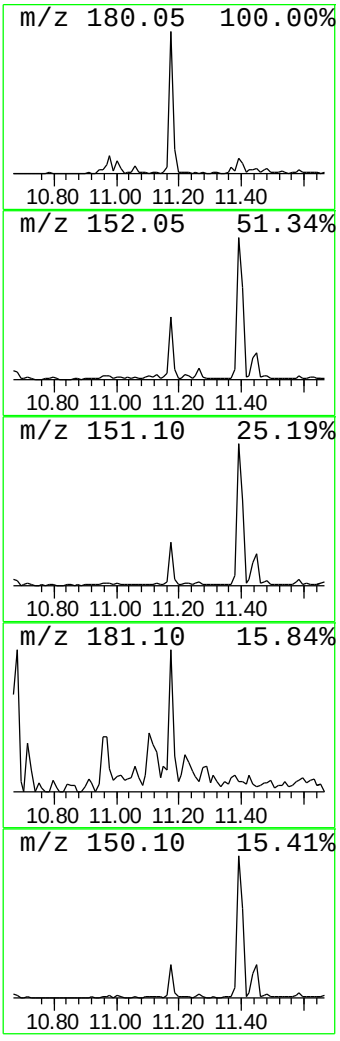
Peak Number 5 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	4.84 ng	187230	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	87
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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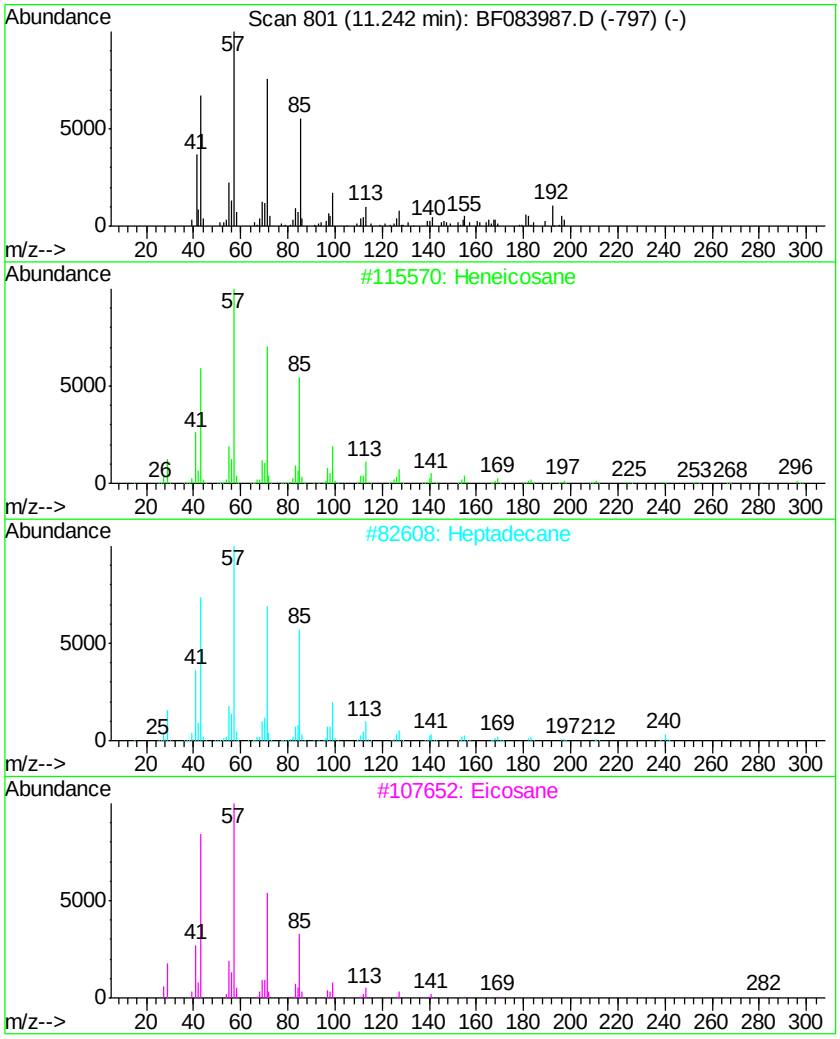
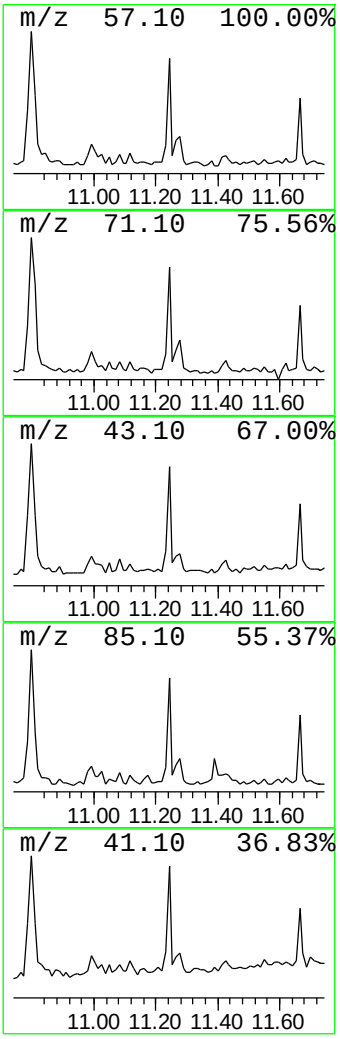
Peak Number 6 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	5.08 ng	196421	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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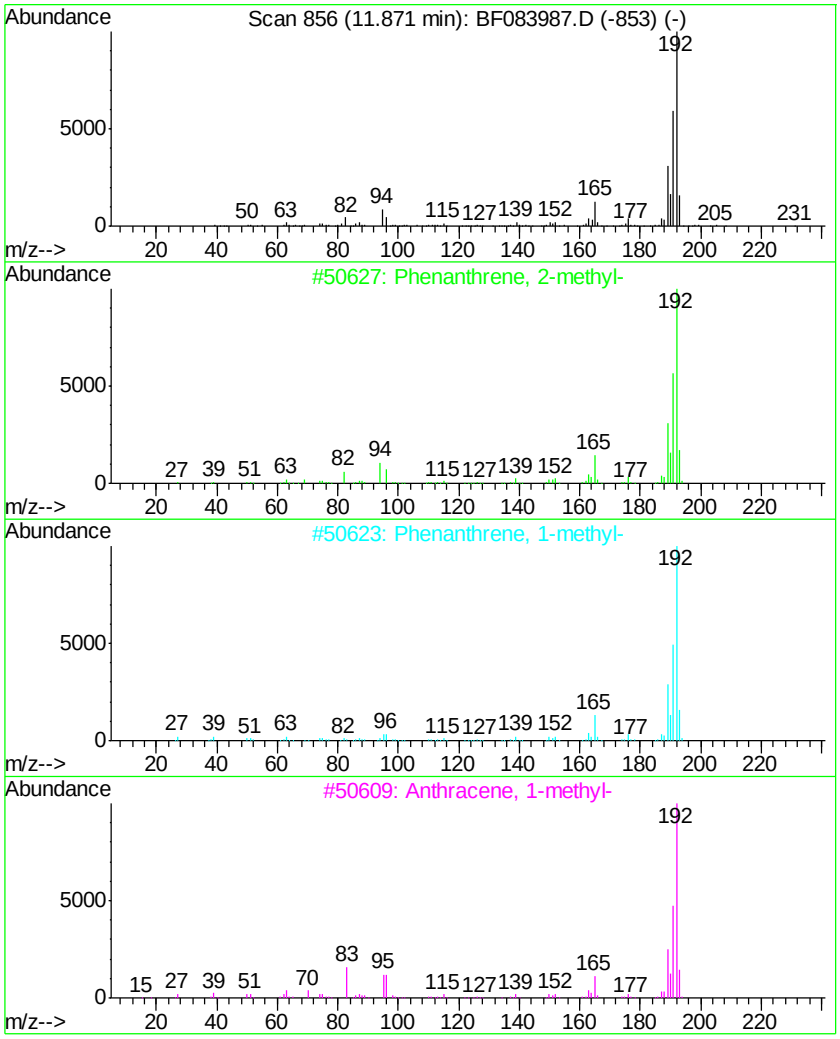
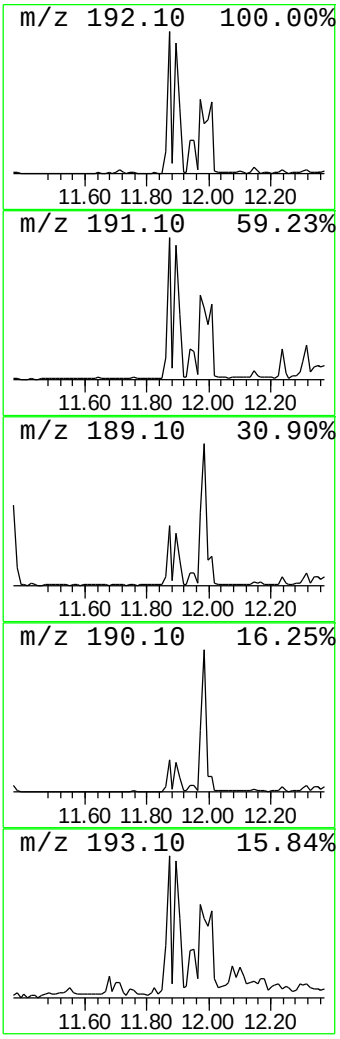
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.72 ng	298626	Phenanthrene-d10	11.37

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





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Data File : BF083987.D
Acq On : 20 Dec 2015 8:40
Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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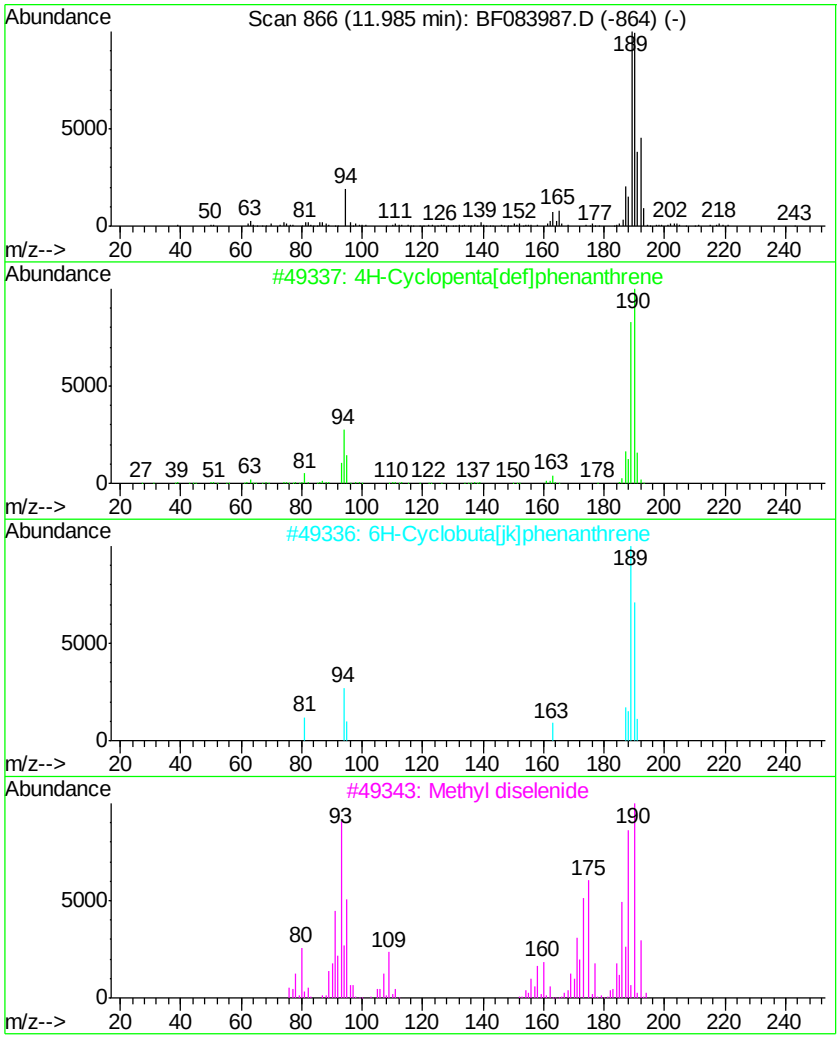
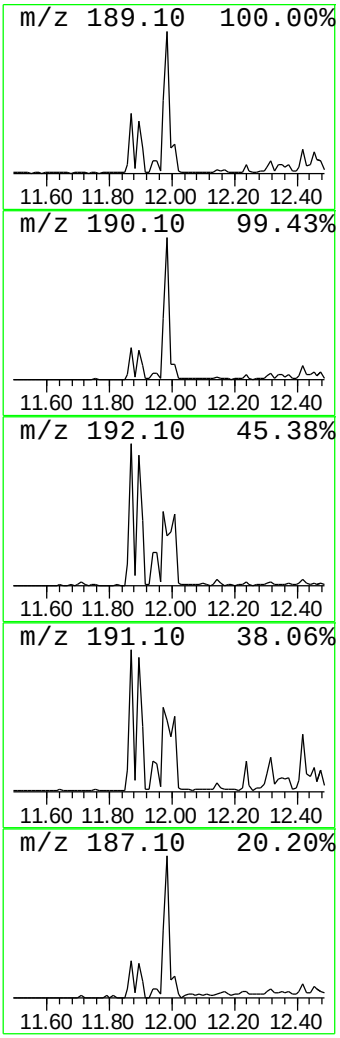
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	16.48 ng	637071	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
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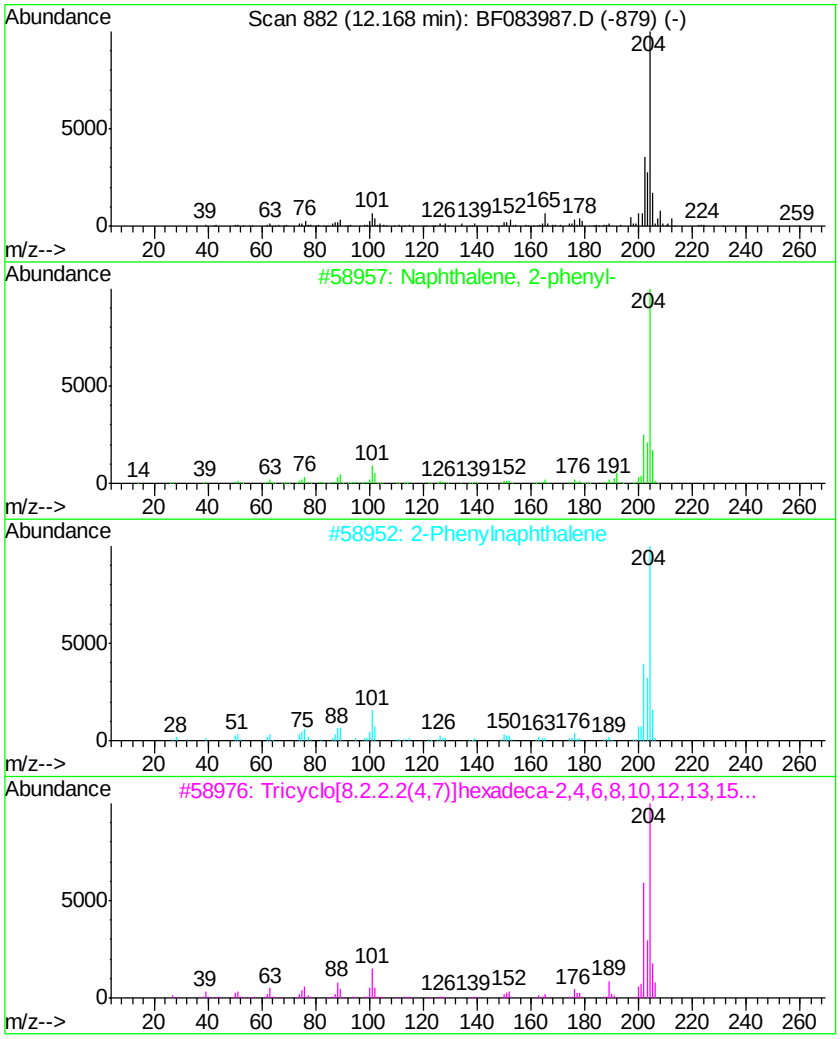
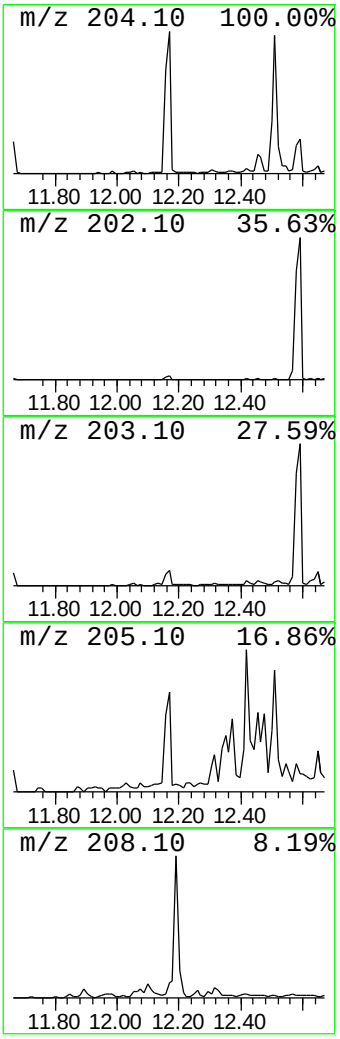
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.15 ng	199053	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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ClientSampleId : STOCKPILE-2(0-2)

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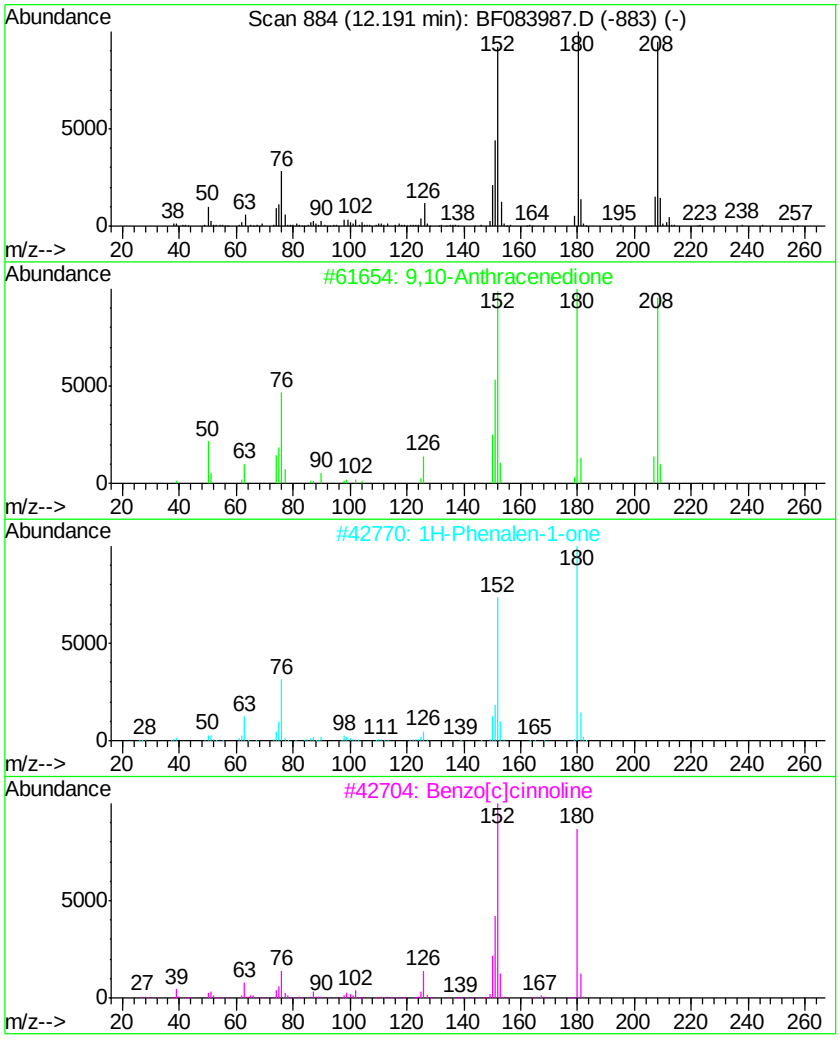
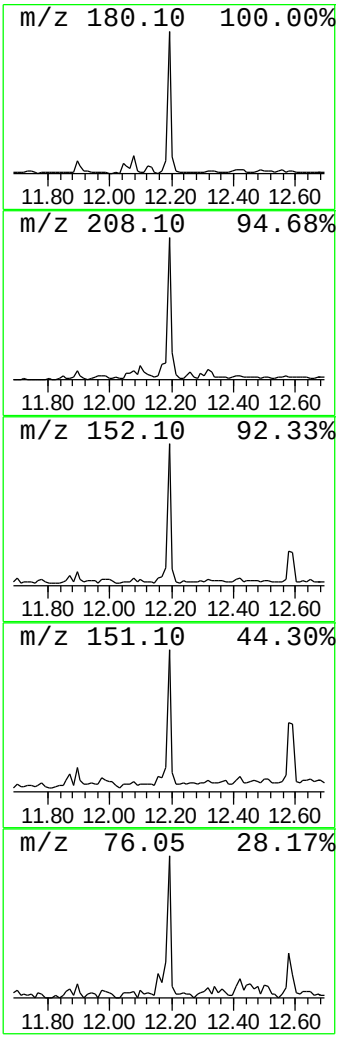
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.50 ng	212547	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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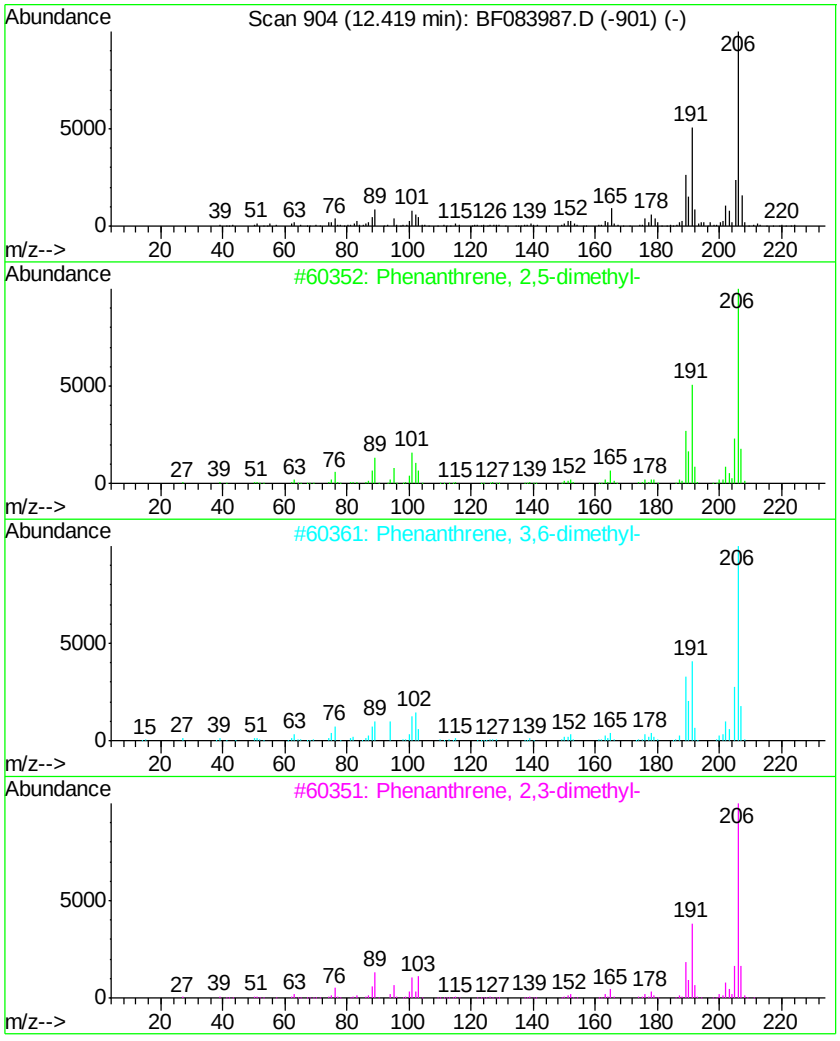
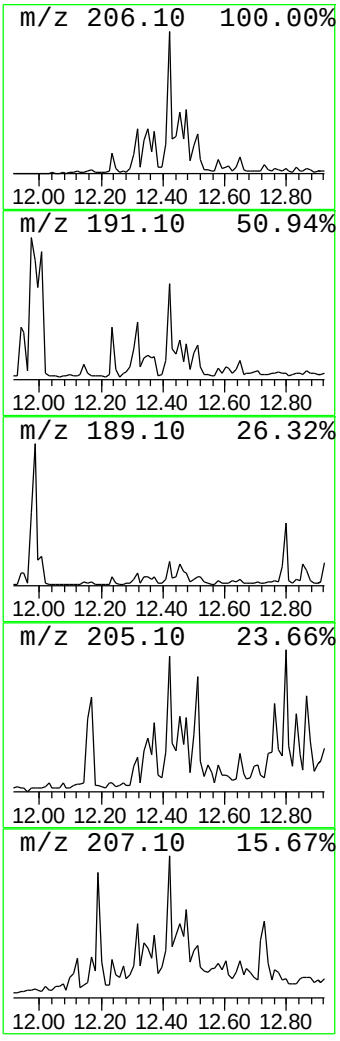
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.23 ng	202166	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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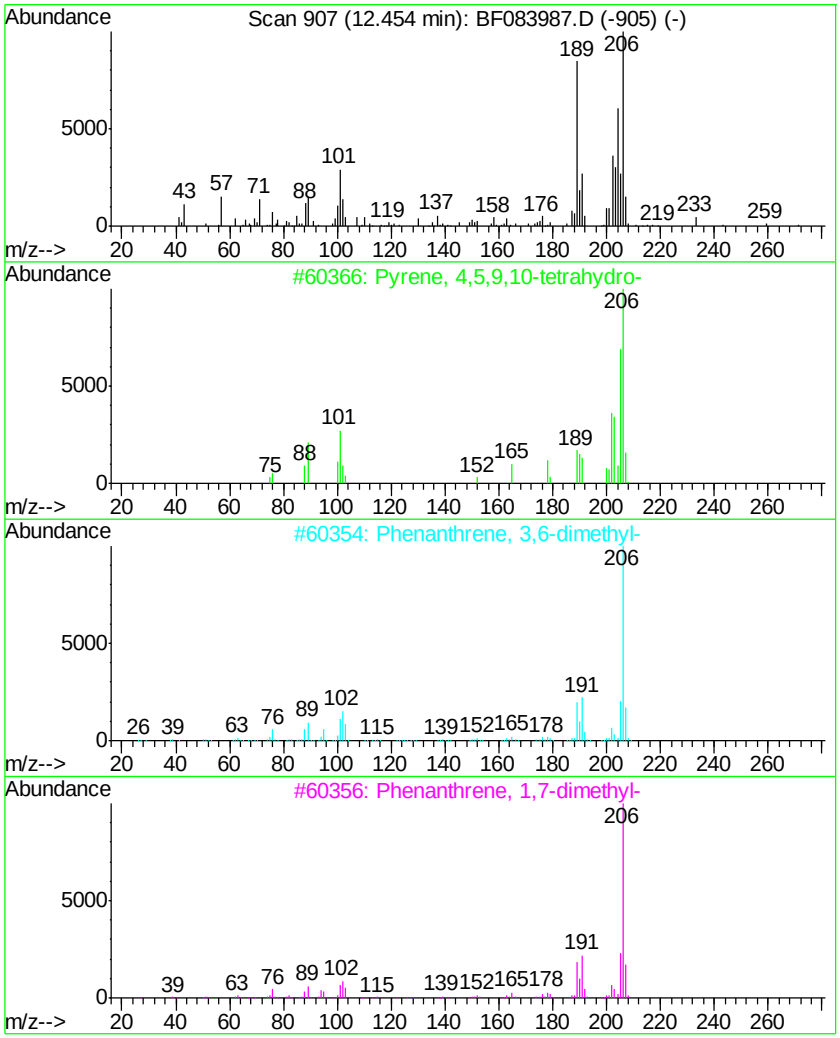
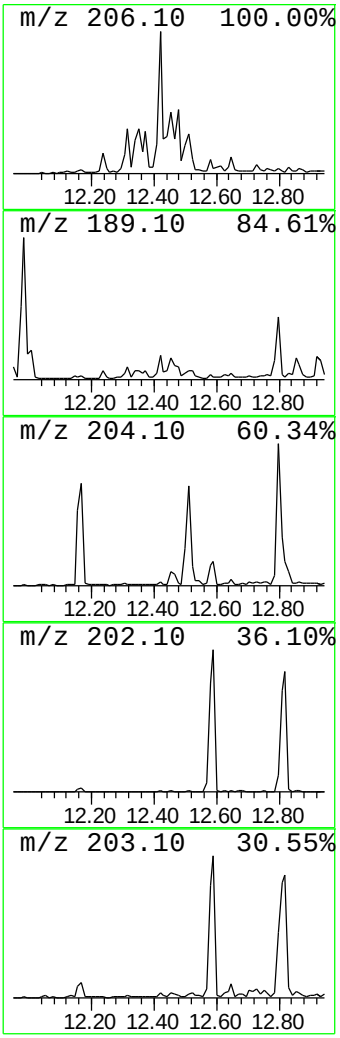
Peak Number 13 unknown12.45 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.65 ng	179832	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38





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Operator : UM/SJ
Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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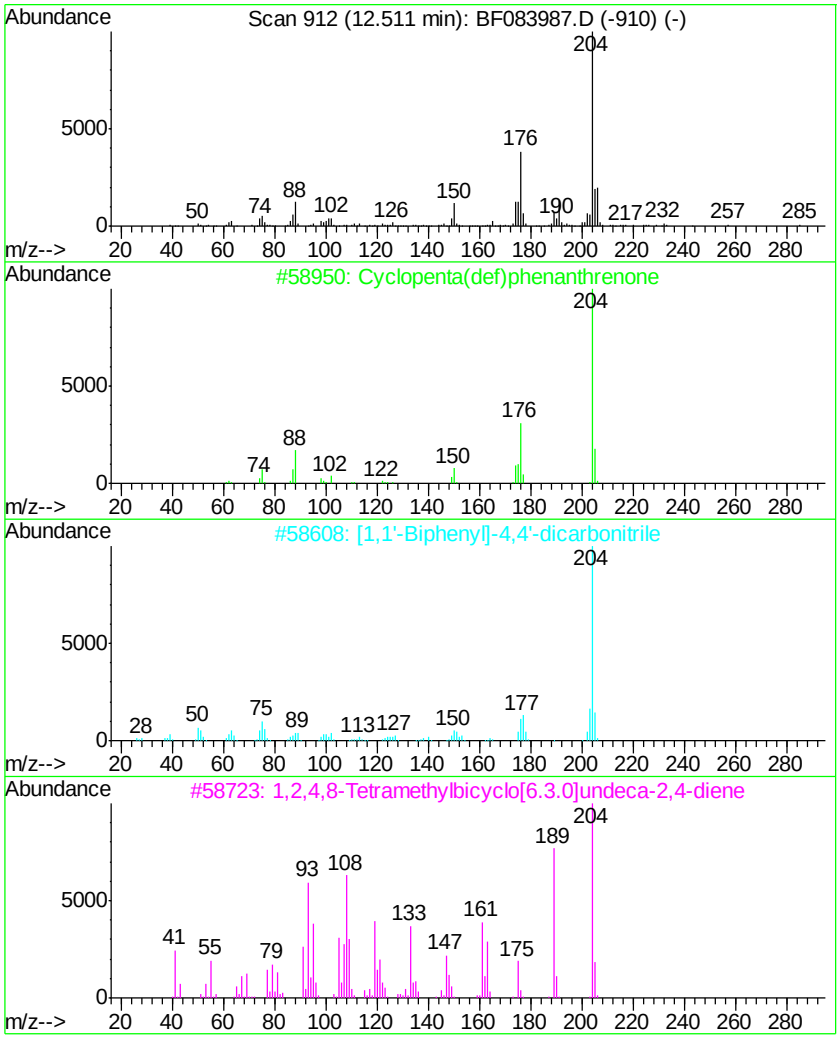
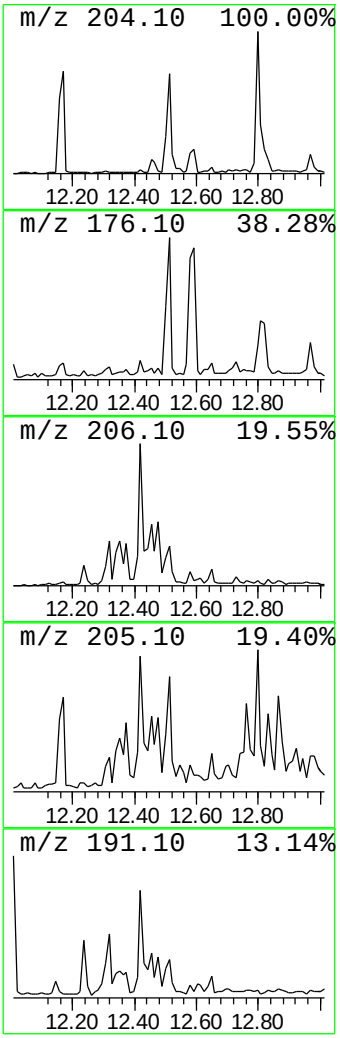
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.73 ng	221475	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
5	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	43





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Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
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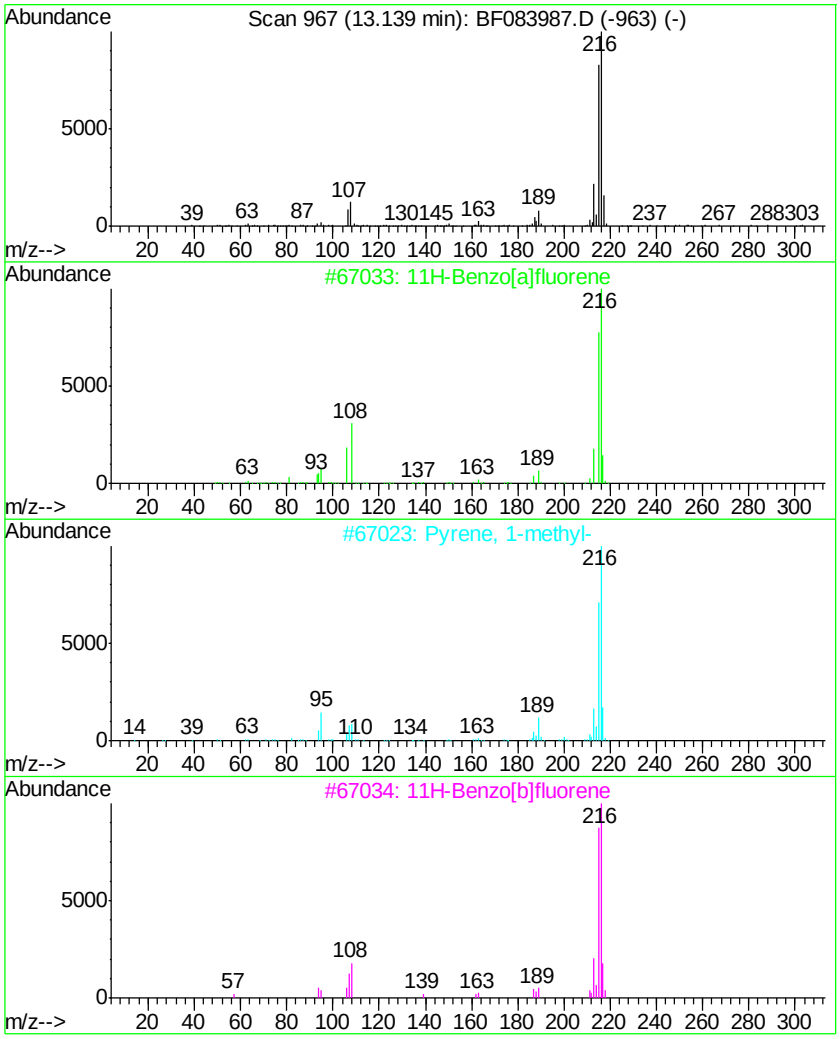
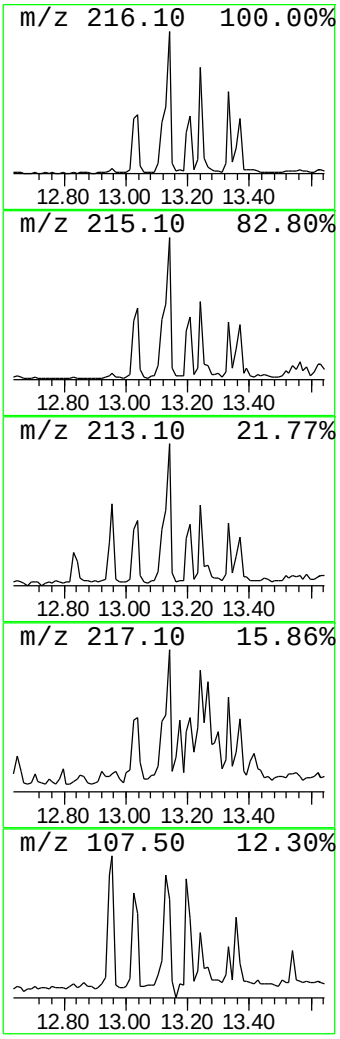
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.53 ng	403808	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Sample : G4912-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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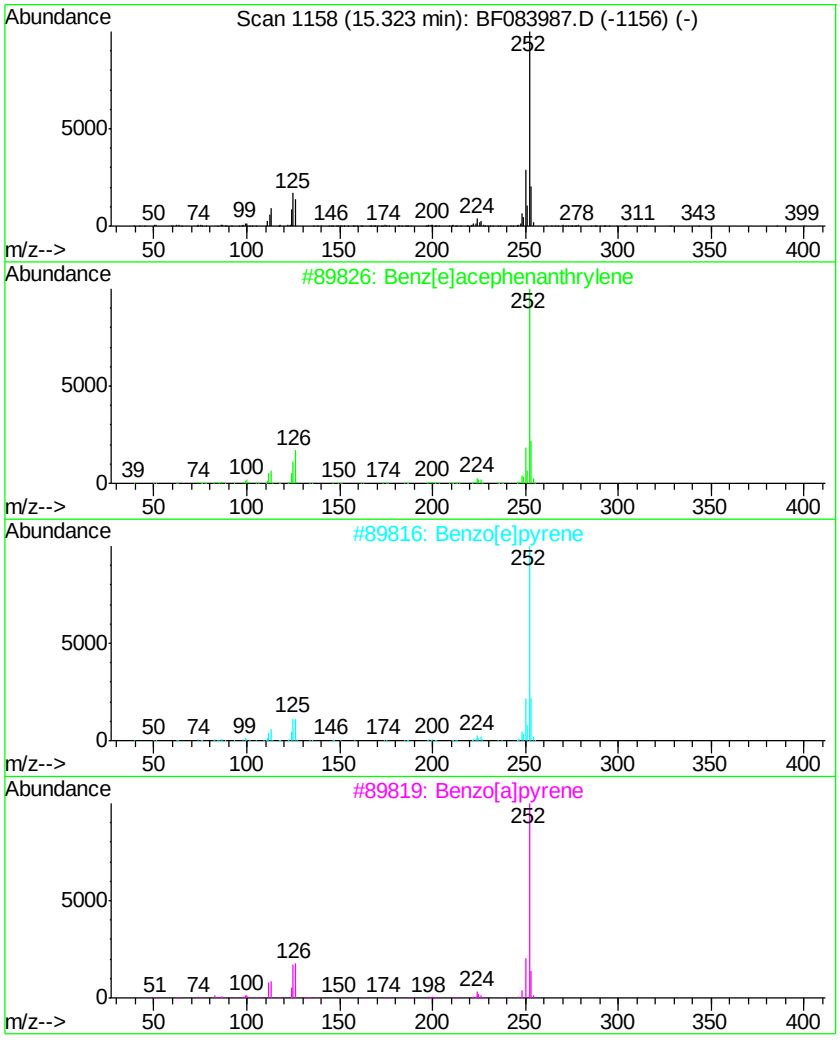
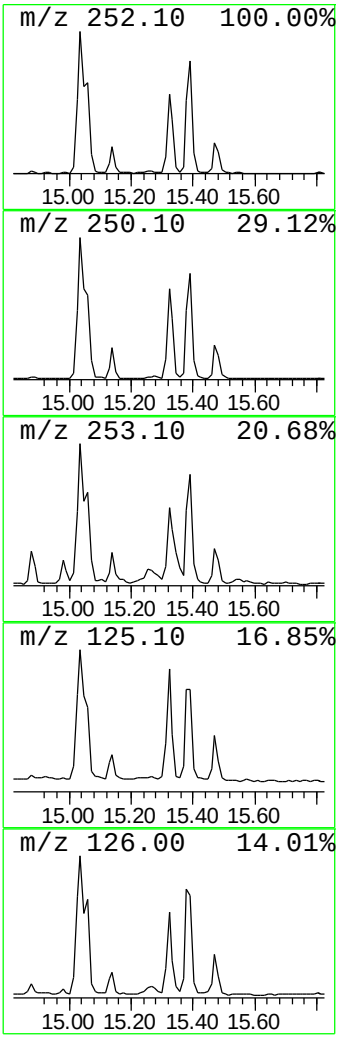
Peak Number 17 Benz[e]acephenanthrylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	28.35 ng	594953	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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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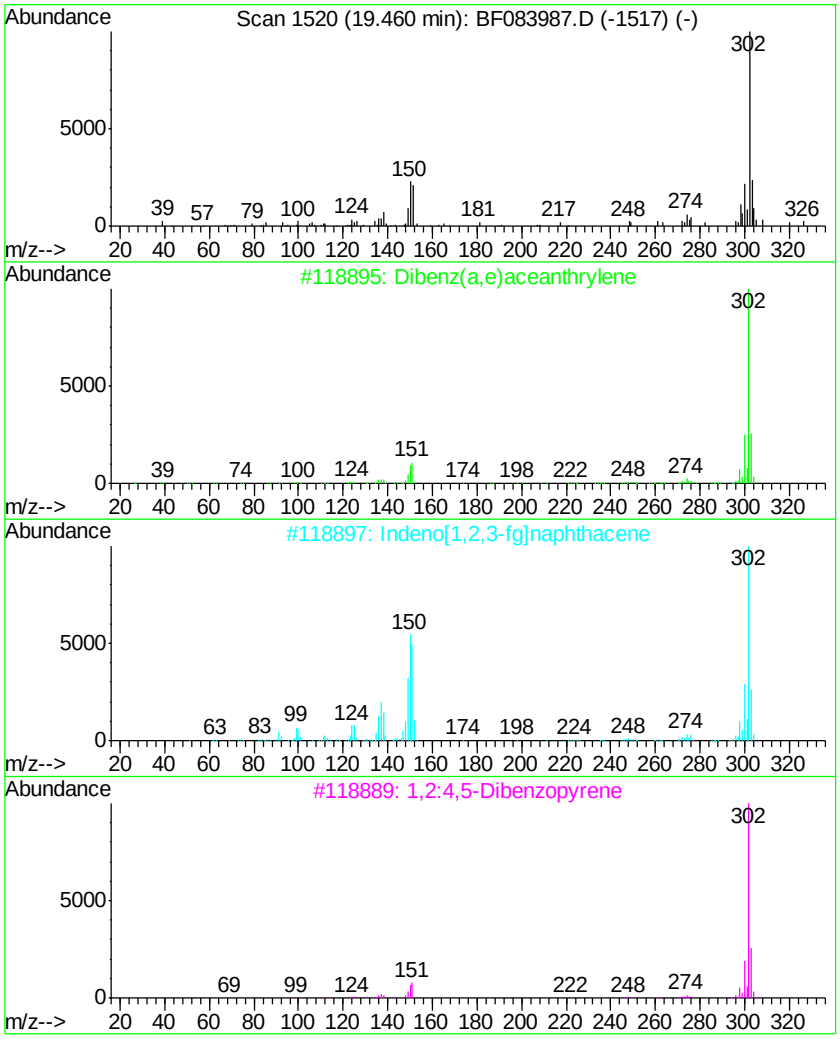
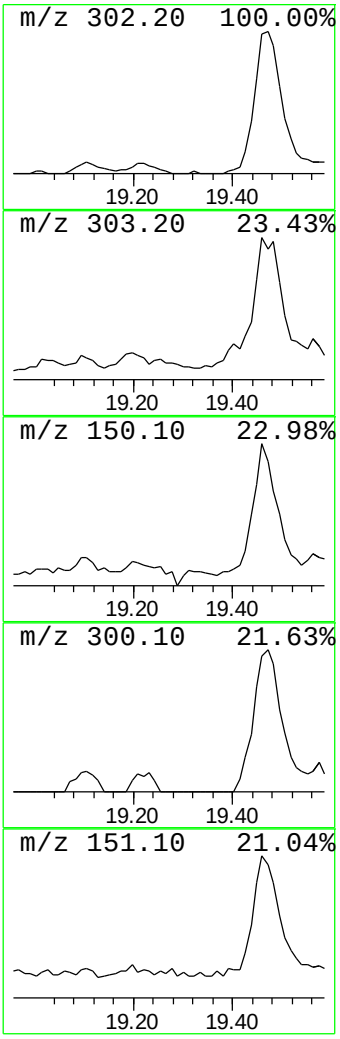
Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	7.93 ng	166365	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	89
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
4	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	68
5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	64





Tentatively Identified Compound (LSC) summary

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Data File : BF083987.D
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Operator : UM/SJ
Sample : G4912-03
Misc :
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Instrument : BNA_F
ClientSampleId : STOCKPILE-2(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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	33.6	ng	878537	1	6.85	522586	20.0
unknown6.62	6.62	94.4	ng	2465550	1	6.85	522586	20.0
Tridecane	10.80	4.9	ng	188790	4	11.37	773339	20.0
9H-Fluoren-9-one	11.17	4.8	ng	187230	4	11.37	773339	20.0
Heneicosane	11.24	5.1	ng	196421	4	11.37	773339	20.0
Phenanthrene, 2-m...	11.87	7.7	ng	298626	4	11.37	773339	20.0
4H-Cyclopenta[def...	11.99	16.5	ng	637071	4	11.37	773339	20.0
Naphthalene, 2-ph...	12.17	5.2	ng	199053	4	11.37	773339	20.0
9,10-Anthracenedione	12.19	5.5	ng	212547	4	11.37	773339	20.0
Phenanthrene, 2,5...	12.42	5.2	ng	202166	4	11.37	773339	20.0
unknown12.45	12.45	4.7	ng	179832	4	11.37	773339	20.0
Cyclopenta(def)ph...	12.51	5.7	ng	221475	4	11.37	773339	20.0
11H-Benzo[a]fluorene	13.14	4.5	ng	403808	5	14.01	1782080	20.0
Benz[e]acephenant...	15.32	28.4	ng	594953	6	15.45	419754	20.0
Dibenz(a,e)aceant...	19.46	7.9	ng	166365	6	15.45	419754	20.0