LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

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-BF112115.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	4.799	243	246	261	rVB	1745587	3415780	47.03%	3.474%
2	5.256	283	286	298	rBV	5680147	6401344	88.13%	6.511%
3	6.319	374	379	385	rBV	5595385	7263717	100.00%	7.388%
4	6.422	385	388	390	rBV	6190594	6318504	86.99%	6.427%
5	6.639	405	407	410	rBV	1400628	1282354	17.65%	1.304%
6	6.799	418	421	424	rBV	4868360	4613329	63.51%	4.692%
7	7.210	454	457	460	rBV	2868288	3500107	48.19%	3.560%
8	7.359	464	470	475	rVB2	117114	178619	2.46%	0.182%
9	7.930	517	520	524	rVV2	1778456	2071388	28.52%	2.107%
10	8.639	580	582	585	rVB	150402	160920	2.22%	0.164%
11	8.742	585	591	593	rVB	153276	157128	2.16%	0.160%
12	8.890	595	604	606	rBV	78145	124836	1.72%	0.127%
13	9.016	612	615	617	rVV	4584666	5839428	80.39%	5.940%
14	9.268	634	637	641	rBV	71775	106465	1.47%	0.108%
15	9.336	641	643	645	rBV	106590	157730	2.17%	0.160%
16	9.416	647	650	652	rVV	1011435	1423076	19.59%	1.447%
17	9.508	656	658	659	rVV	61145	90014	1.24%	0.092%
18	9.633	667	669	670	rBV	90678	117340	1.62%	0.119%
19	9.679	670	673	674	rBV	1790644	1673253	23.04%	1.702%
20	9.713	674	676	678	rVB	375773	461114	6.35%	0.469%
21	9.885	688	691	693	rBV	304798	317876	4.38%	0.323%
22	10.102	706	710	711	rBV	89464	154195	2.12%	0.157%
23	10.125	711	712	714	rVB	224938	168533	2.32%	0.171%
24	10.216	718	720	723	rVB	343441	406342	5.59%	0.413%
25	10.342	729	731	733	rBV3	83788	147246	2.03%	0.150%
26	10.376	733	734	737	rVB2	96928	141072	1.94%	0.143%
27	10.468	739	742	744	rBV	2328431	2503132	34.46%	2.546%
28	10.502	744	745	749	rVB2	71033	85179	1.17%	0.087%
29	10.593	751	753	757	rVB	243987	340980	4.69%	0.347%
30	10.765	763	768	769	rBV3	74030	133603	1.84%	0.136%
31	10.913	779	781	784	rVB3	56377	106754	1.47%	0.109%
32	10.959	784	785	788	rVB	226017	226067	3.11%	0.230%
33	11.016	788	790	791	rBV	72371	103663	1.43%	0.105%
34	11.051	791	793	797	rVB2	289885	413075	5.69%	0.420%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.153	800	802	803	rVV	1415285	1479789	20.37%	1.505%
36	11.176	803	804	806	rVV	3307403	3251495	44.76%	3.307%
37	11.233	806	809	810	rVV	634665	903929	12.44%	0.919%
38	11.393	819	823	825	rBV2	555712	624090	8.59%	0.635%
39	11.462	827	829	830	rBV2	71830	133320	1.84%	0.136%
40	11.656	843	846	847	rVV	376243	405525	5.58%	0.412%
41	11.679	847	848	851	rVV	479471	686881	9.46%	0.699%
42	11.759	854	855	861	rVB2	545192	897899	12.36%	0.913%
43	11.839	861	862	863	rBV	82503	84057	1.16%	0.085%
44	11.874	863	865	868	rVV3	66926	143294	1.97%	0.146%
45	11.954	870	872	873	rVV	218538	320726	4.42%	0.326%
46	11.976	873	874	877	rVB	283080	222679	3.07%	0.226%
47	12.102	882	885	886	rBV	68288	95671	1.32%	0.097%
48	12.136	886	888	891	rBV3	76015	172051	2.37%	0.175%
49	12.205	891	894	895	rBV2	175674	274574	3.78%	0.279%
50	12.239	895	897	900	rVV2	125065	213615	2.94%	0.217%
51	12.285	900	901	905	rVB	235268	246074	3.39%	0.250%
52	12.365	905	908	910	rBV	4516483	4435758	61.07%	4.512%
53	12.422	910	913	917	rVB3	138209	268963	3.70%	0.274%
54	12.502	917	920	922	rBV	214902	367235	5.06%	0.374%
55	12.594	925	928	930	rVV	3009064	4609546	63.46%	4.689%
56	12.639	930	932	935	rVB	180181	243698	3.36%	0.248%
57	12.708	935	938	939	rBV	292956	302843	4.17%	0.308%
58	12.742	939	941	943	rVV	3627626	3738577	51.47%	3.803%
59	12.811	943	947	949	rVV2	237892	390160	5.37%	0.397%
60	12.914	952	956	958	rVV2	566159	883341	12.16%	0.898%
61	12.982	960	962	963	rVV	385579	344929	4.75%	0.351%
62	13.017	963	965	969	rVV2	441918	618004	8.51%	0.629%
63	13.108	971	973	974	rVV	185323	176146	2.43%	0.179%
64	13.142	974	976	979	rVV2	194449	285014	3.92%	0.290%
65	13.211	980	982	985	rVB3	102616	175500	2.42%	0.179%
66	13.337	992	993	996	rVB2	96714	119039	1.64%	0.121%
67	13.394	996	998	999	rBV	123815	119839	1.65%	0.122%
68	13.417	999	1000	1003	rVB	351793	423033	5.82%	0.430%
69	13.531	1007	1010	1011	rBV	416341	484218	6.67%	0.493%
70	13.554	1011	1012	1013	rBV	243554	223413	3.08%	0.227%
71	13.634	1017	1019	1022	rVB	285926	464937	6.40%	0.473%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.702	1022	1025	1027	rVB	113227	147768	2.03%	0.150%
73	13.771	1027	1031	1033	rBV	2294615	4321165	59.49%	4.395%
74	13.885	1038	1041	1043	rBV	431396	449233	6.18%	0.457%
75	13.919	1043	1044	1047	rBV2	53937	126568	1.74%	0.129%
76	13.977	1047	1049	1051	rVV2	186576	232862	3.21%	0.237%
77	14.011	1051	1052	1054	rVB	226330	174822	2.41%	0.178%
78	14.091	1058	1059	1061	rBV2	63909	99399	1.37%	0.101%
79	14.125	1061	1062	1064	rBV2	115452	182366	2.51%	0.185%
80	14.171	1064	1066	1067	rVB	306916	338467	4.66%	0.344%
81	14.205	1067	1069	1071	rVB2	156025	186403	2.57%	0.190%
82	14.262	1071	1074	1075	rBV3	151748	255019	3.51%	0.259%
83	14.468	1090	1092	1093	rBV	169703	196655	2.71%	0.200%
84	14.548	1097	1099	1100	rVV	93789	140348	1.93%	0.143%
85	14.640	1104	1107	1110	rVV2	180368	395908	5.45%	0.403%
86	14.697	1110	1112	1114	rVV2	232438	346856	4.78%	0.353%
87	14.731	1114	1115	1117	rVV	104069	112881	1.55%	0.115%
88	14.777	1117	1119	1123	rVV	1679683	3383578	46.58%	3.442%
89	14.868	1125	1127	1132	rVV	396168	568571	7.83%	0.578%
90	14.971	1132	1136	1137	rVV3	97629	275871	3.80%	0.281%
91	15.040	1140	1142	1145	rVV	914773	1184040	16.30%	1.204%
92	15.097	1145	1147	1149	rVV	1231605	1527887	21.03%	1.554%
93	15.142	1149	1151	1157	rVB2	604218	1381328	19.02%	1.405%
94	15.565	1186	1188	1192	rBV2	117484	161330	2.22%	0.164%
95	16.240	1244	1247	1249	rBV2	106645	243724	3.36%	0.248%
96	16.411	1258	1262	1266	rVB	496940	900619	12.40%	0.916%
97	16.548	1272	1274	1277	rBV	116921	253568	3.49%	0.258%
98	16.777	1291	1294	1302	rVB	371548	744737	10.25%	0.758%
99	16.983	1310	1312	1318	rVB2	99928	216932	2.99%	0.221%
100	18.674	1458	1460	1468	rVB	105493	331640	4.57%	0.337%

Sum of corrected areas: 98314570

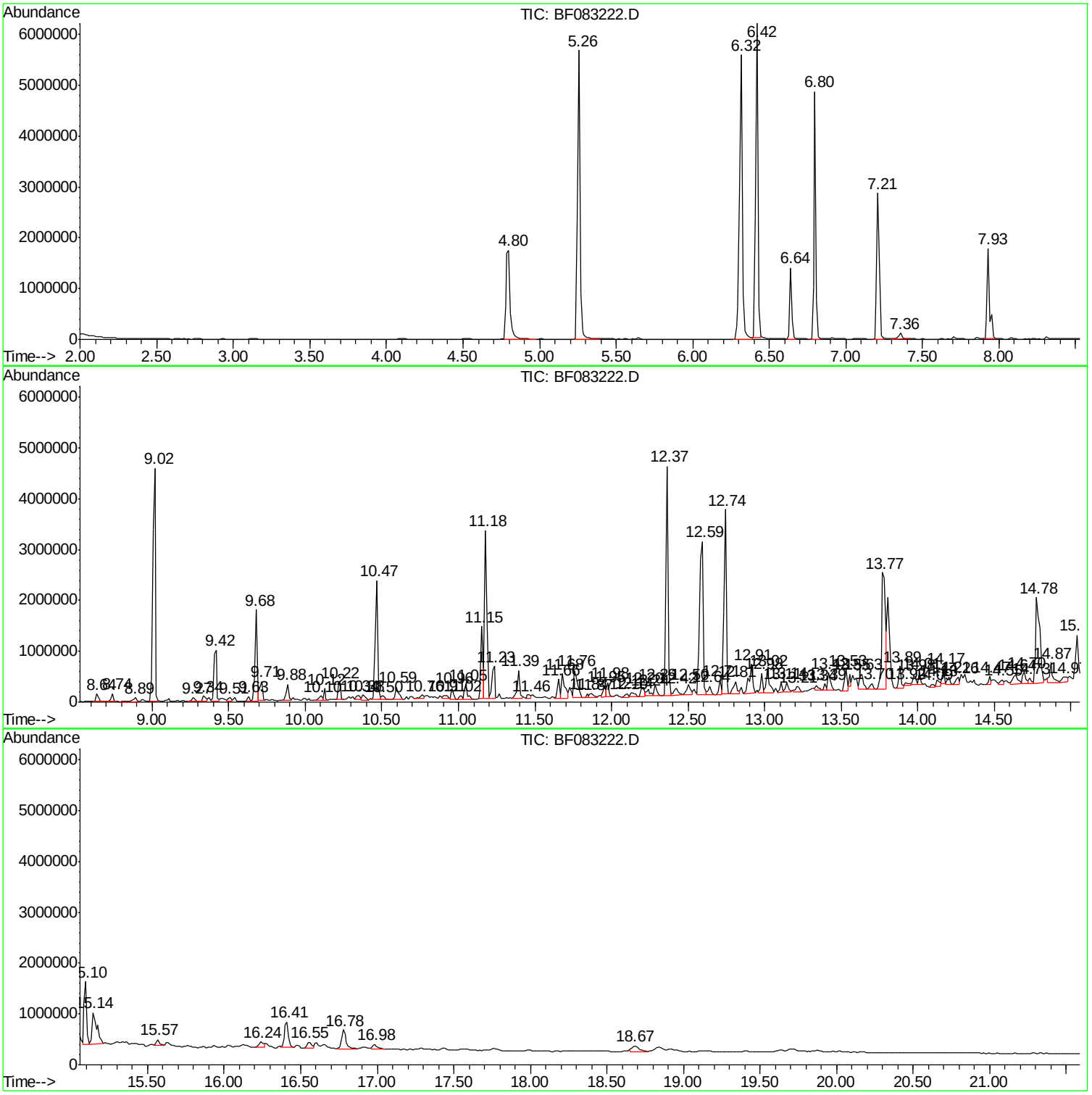
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

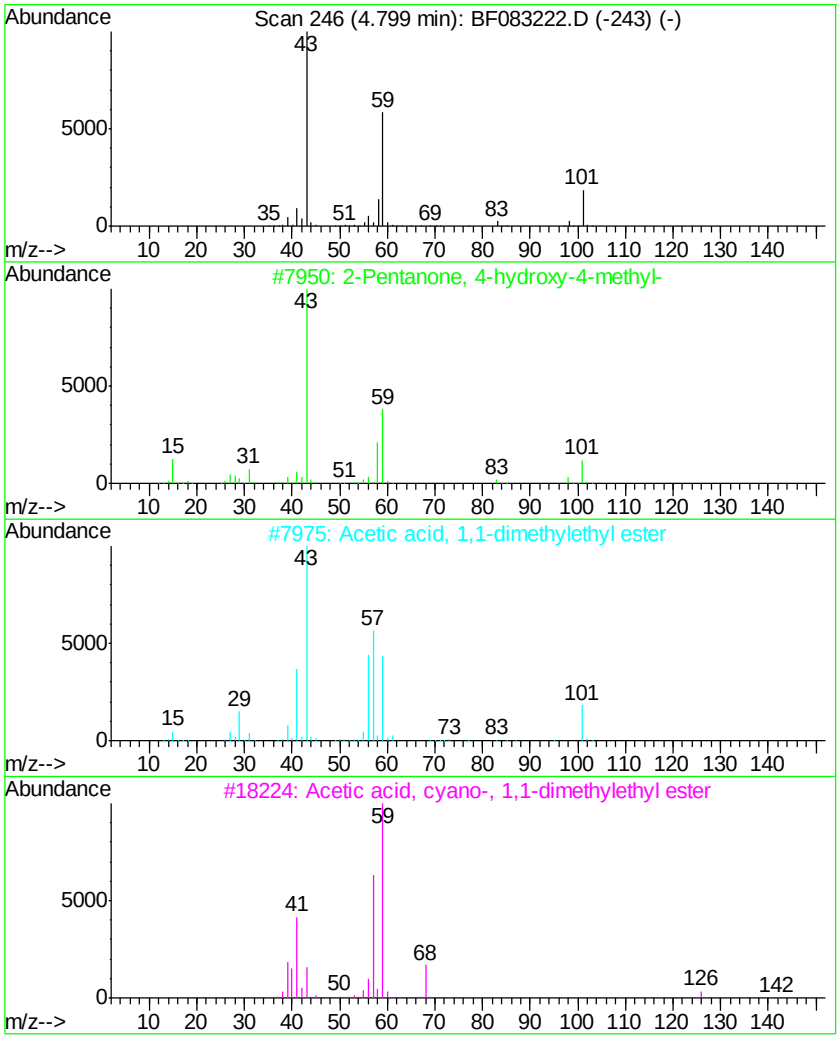
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

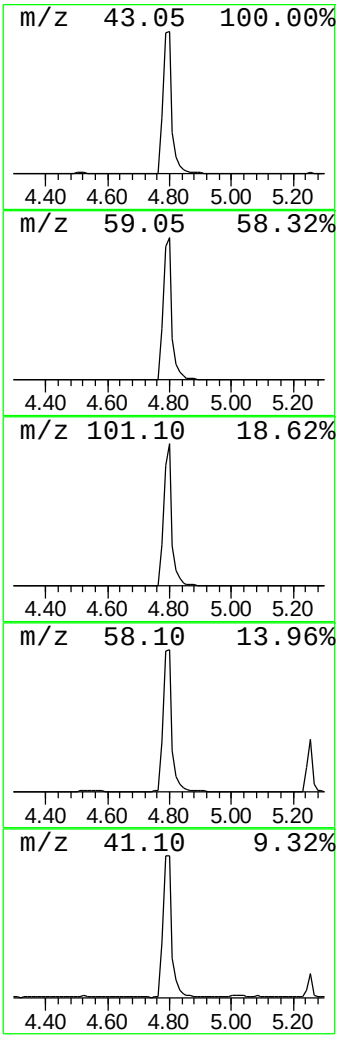
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	53.27 ng	3415780	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

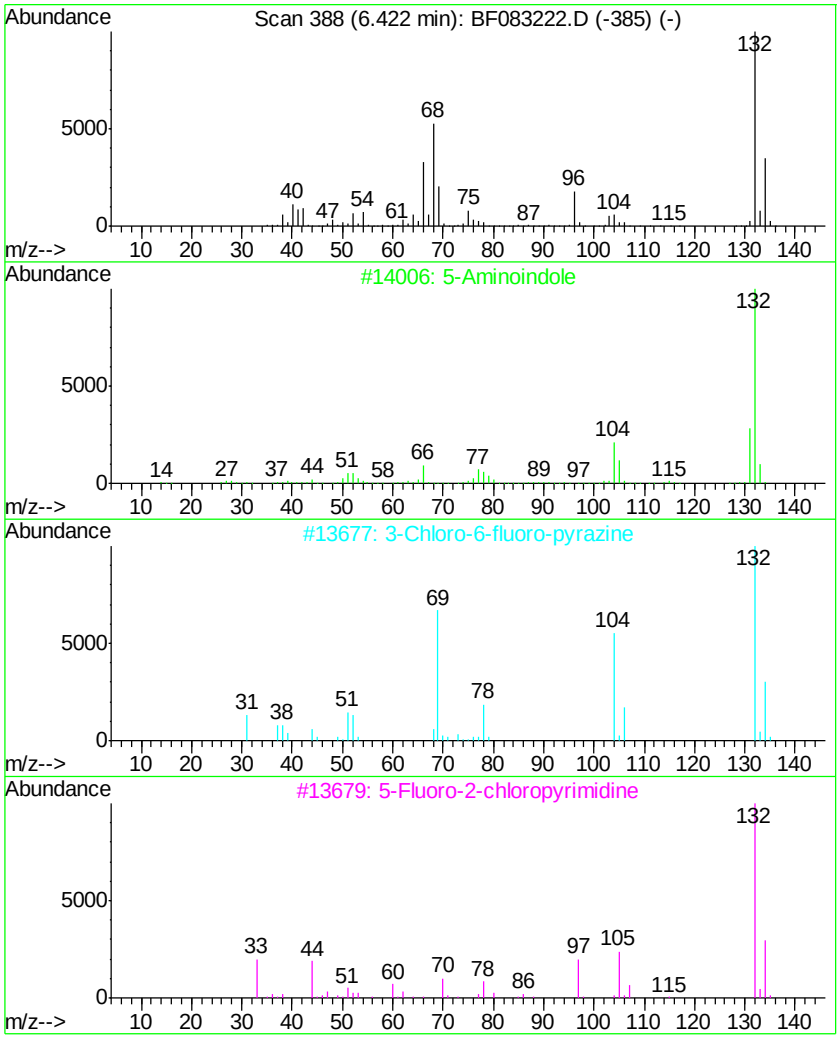
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

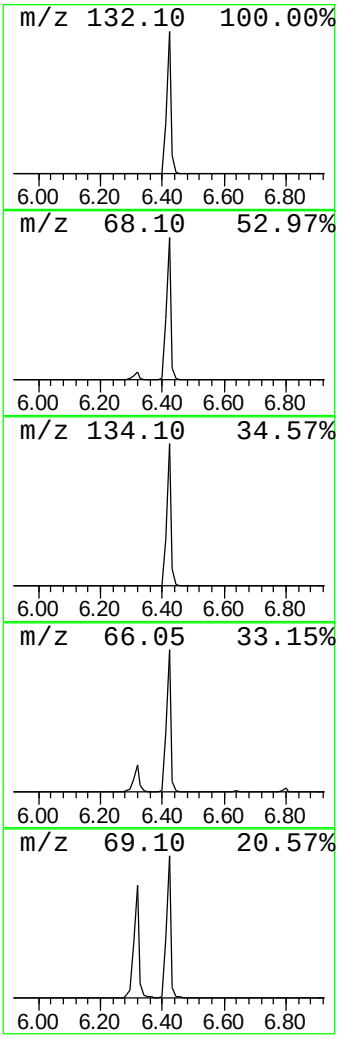
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	98.55 ng	6318500	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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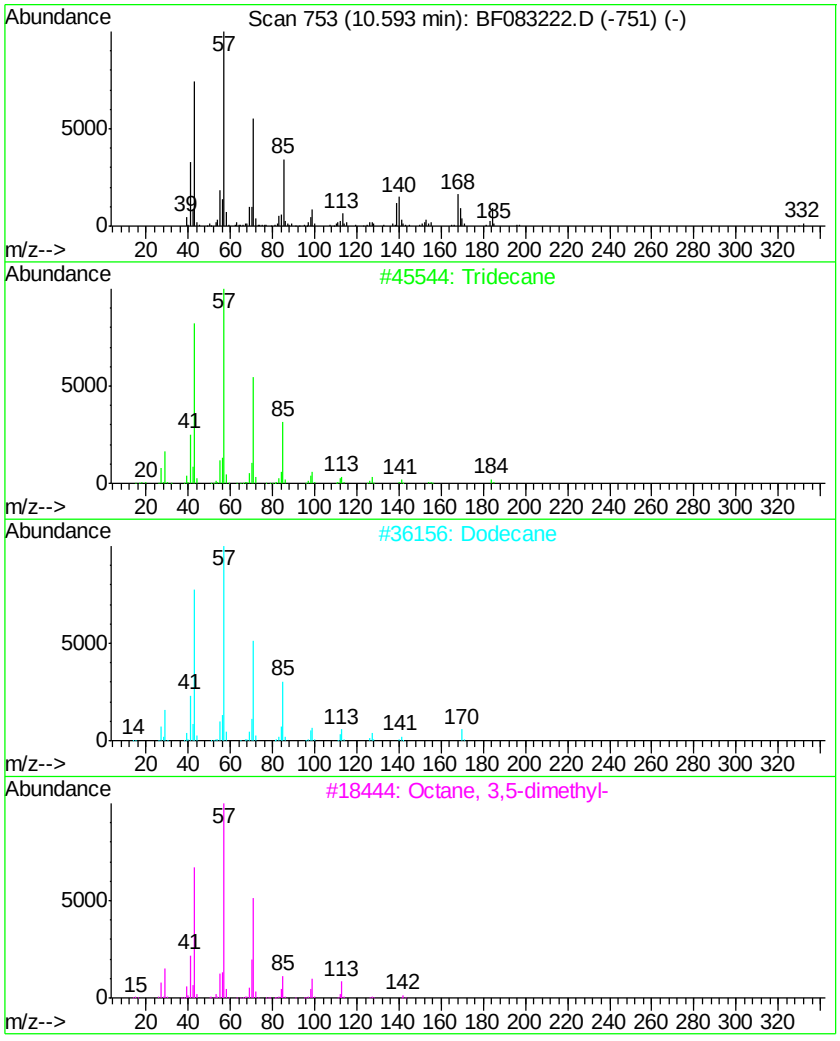
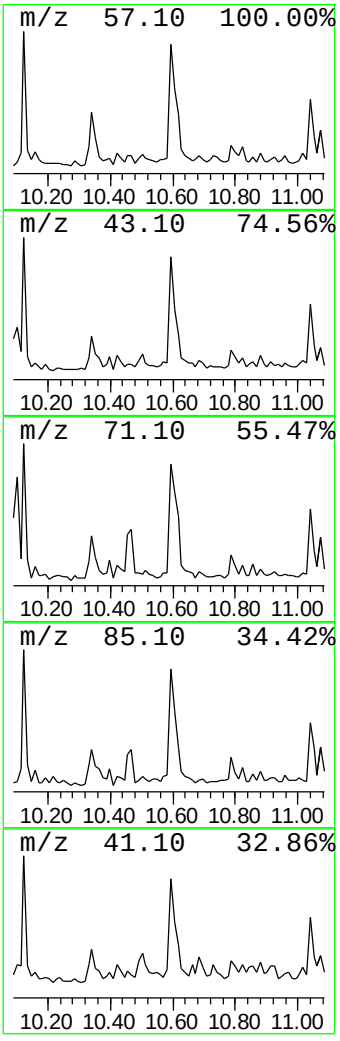
Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	4.61 ng	340980	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Dodecane	170	C12H26	000112-40-3	78
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4	Eicosane	282	C20H42	000112-95-8	49
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

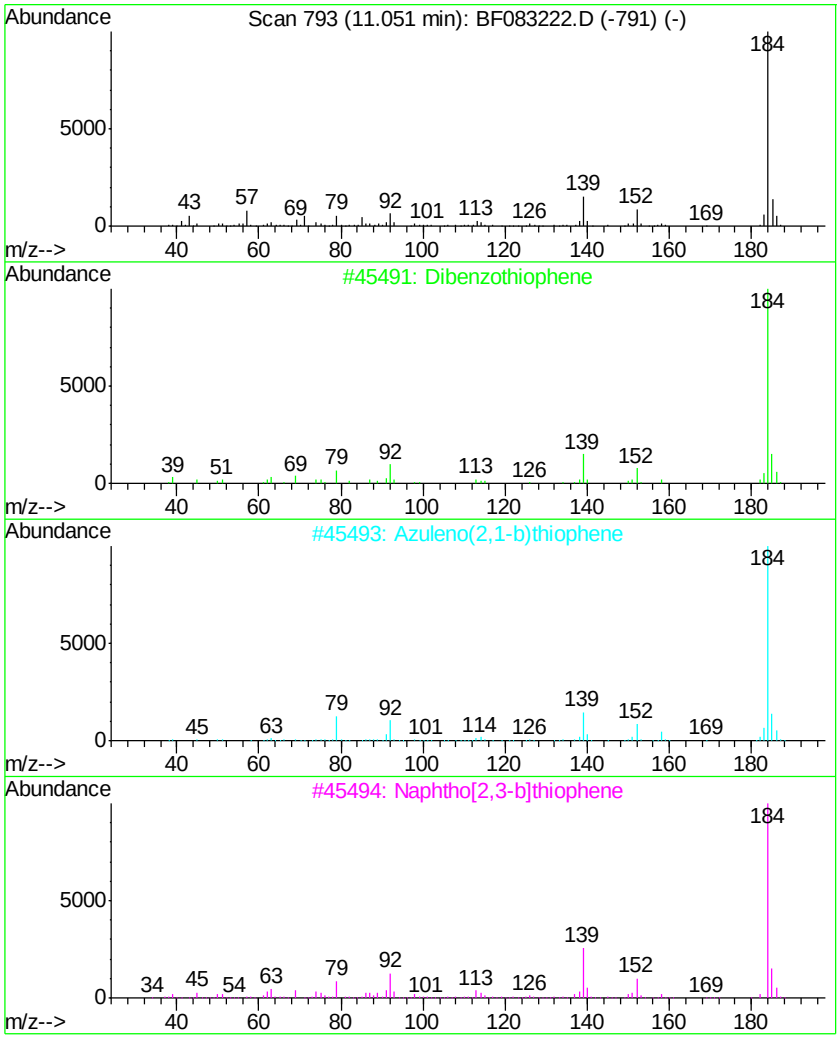
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

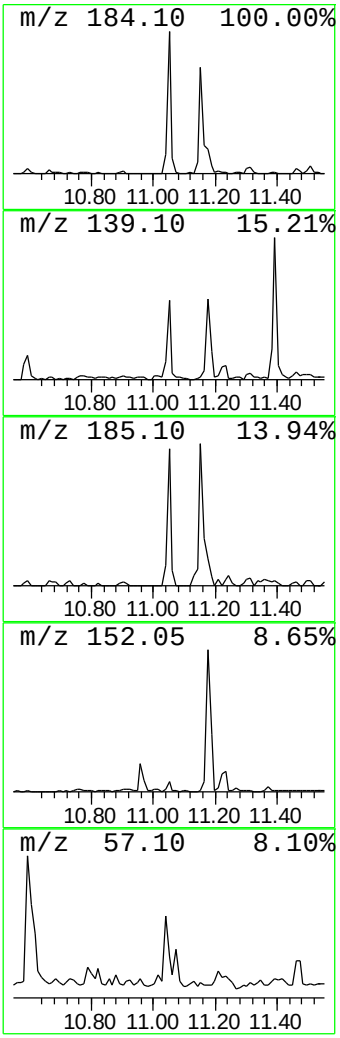
****

Peak Number 5 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	5.58 ng	413075	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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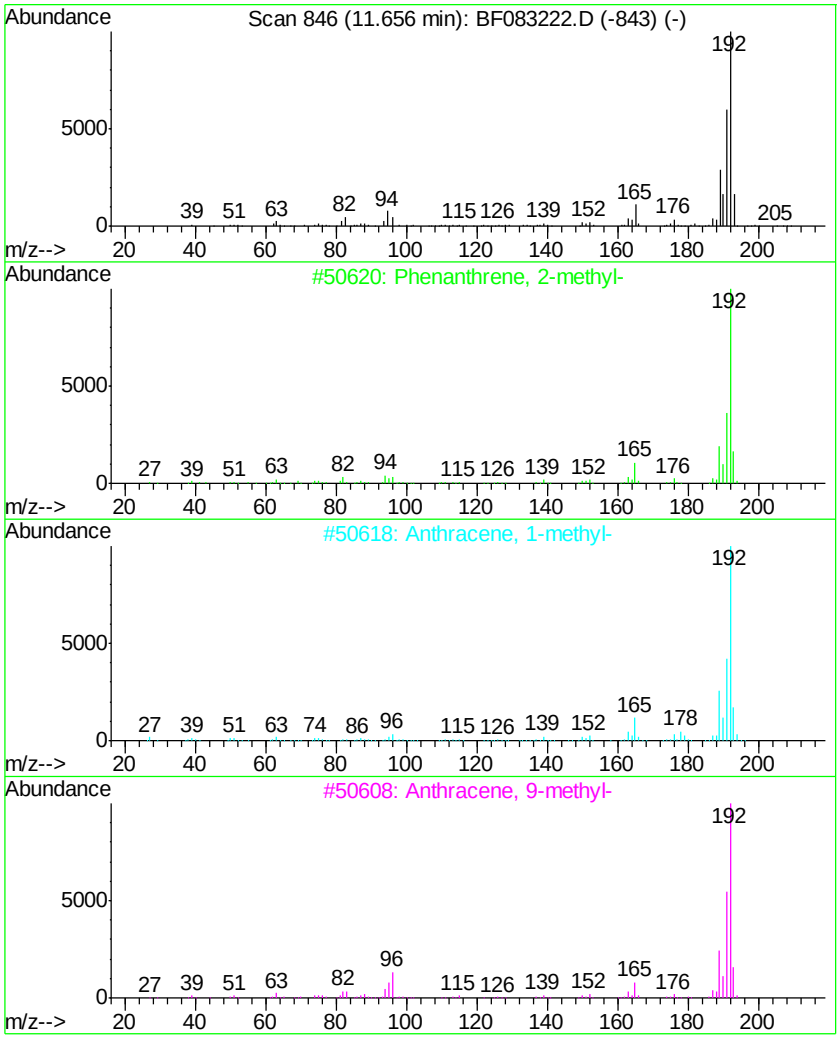
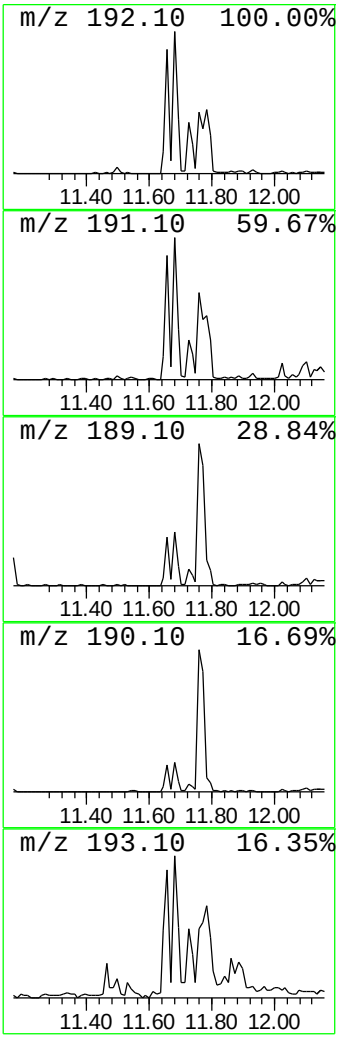
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.48 ng	405525	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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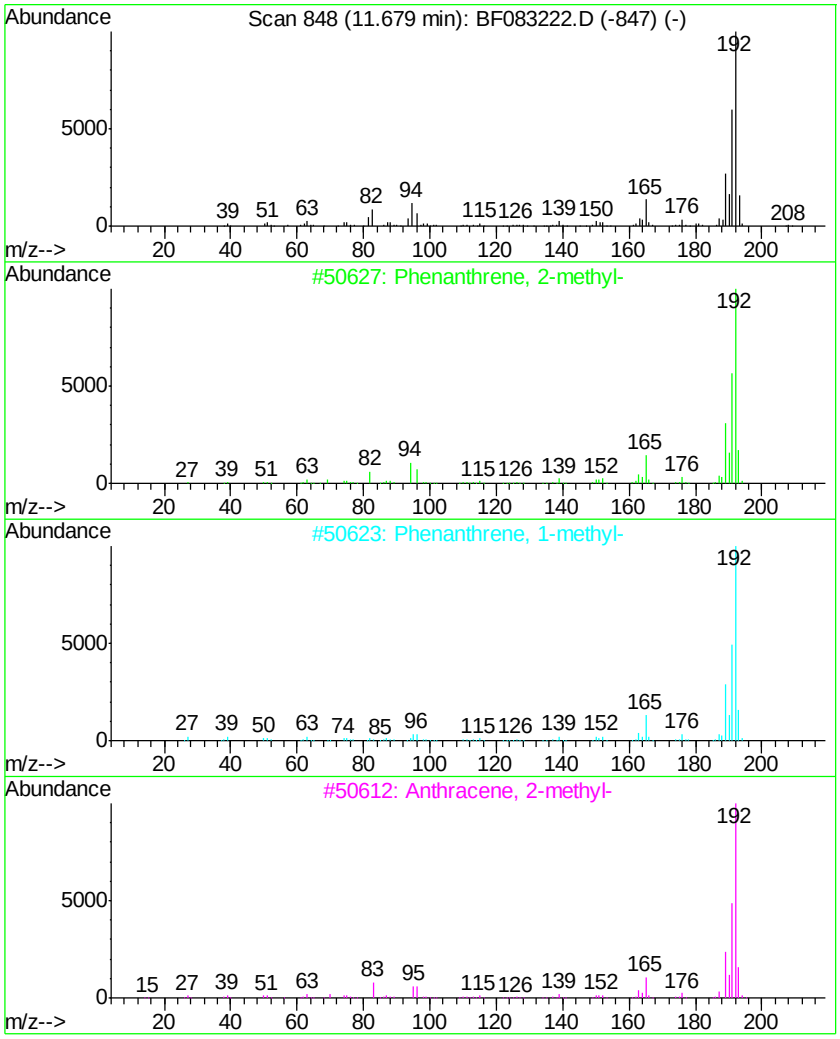
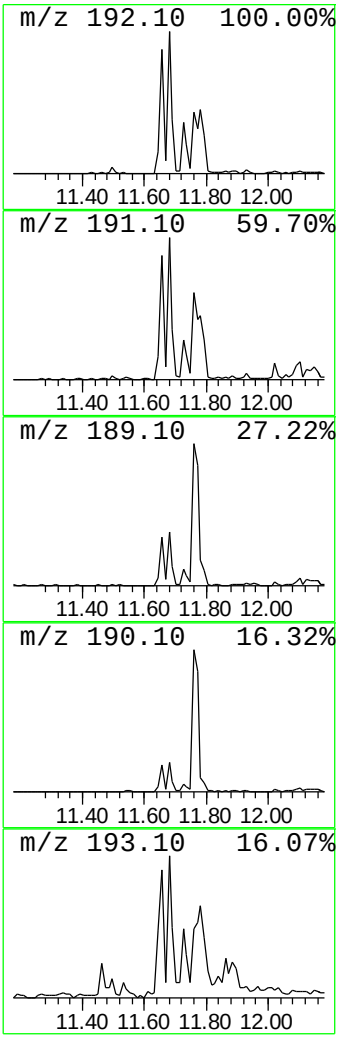
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	9.28 ng	686881	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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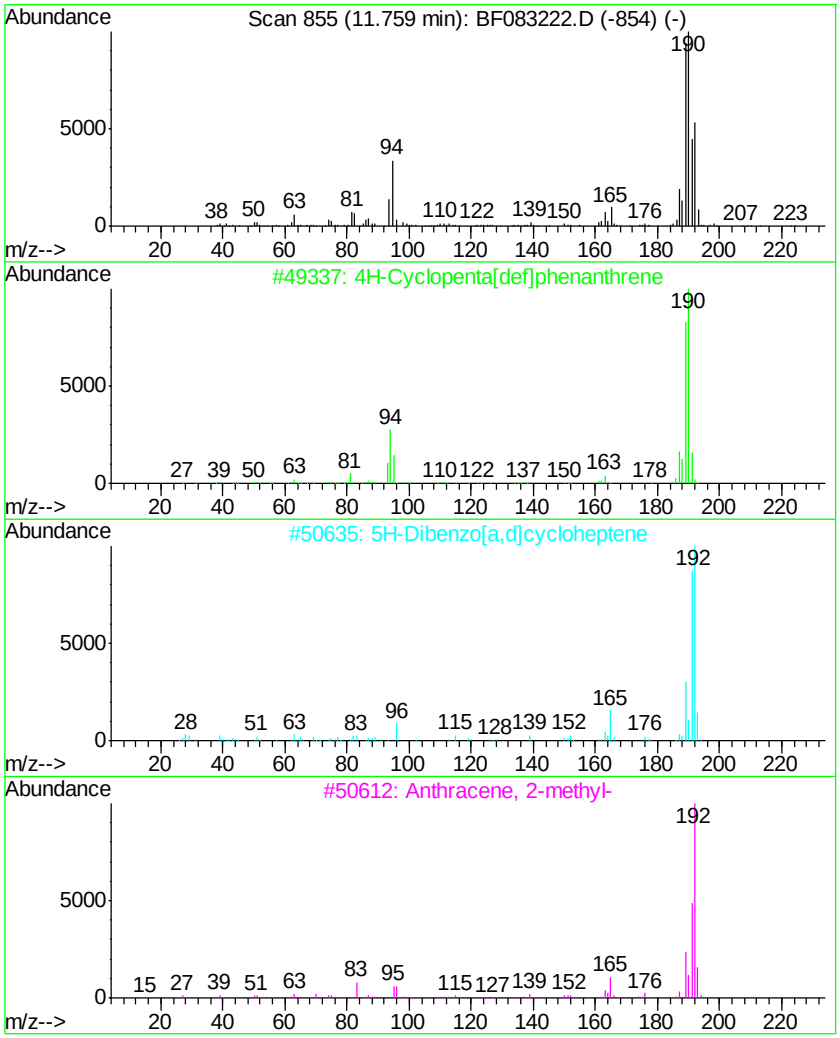
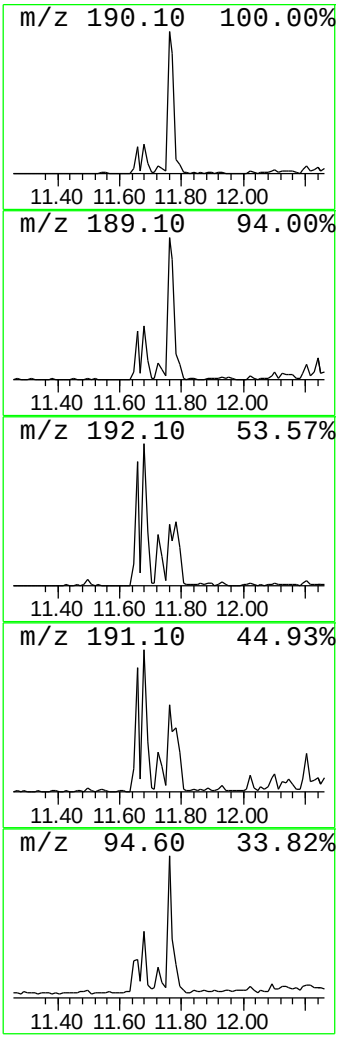
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	12.14 ng	897899	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	15
4	Megastigmatrienone	190	C13H18O	038818-55-2	14
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	11





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ClientSampleId : SB-7

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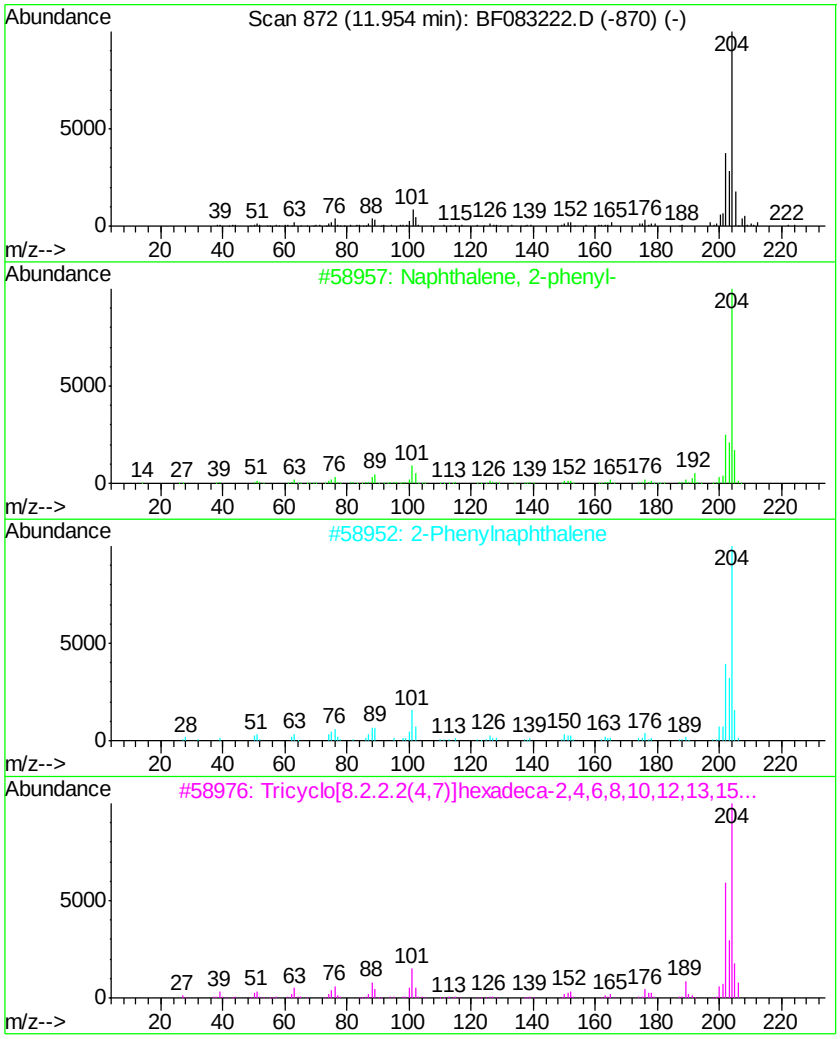
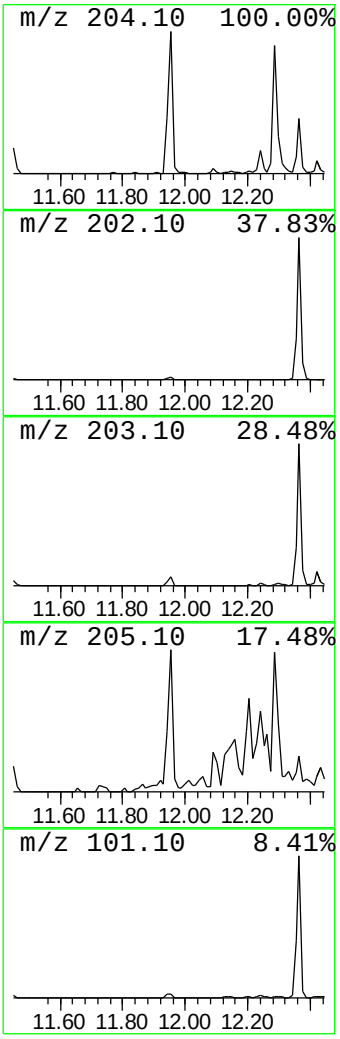
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.33 ng	320726	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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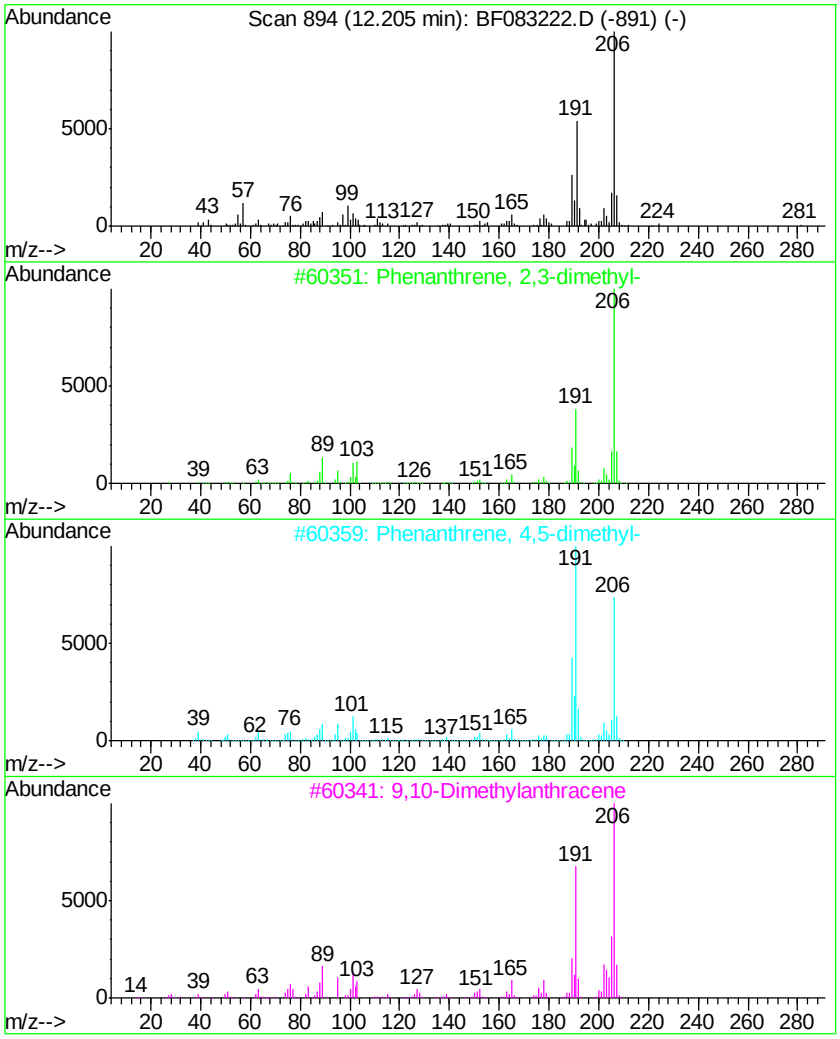
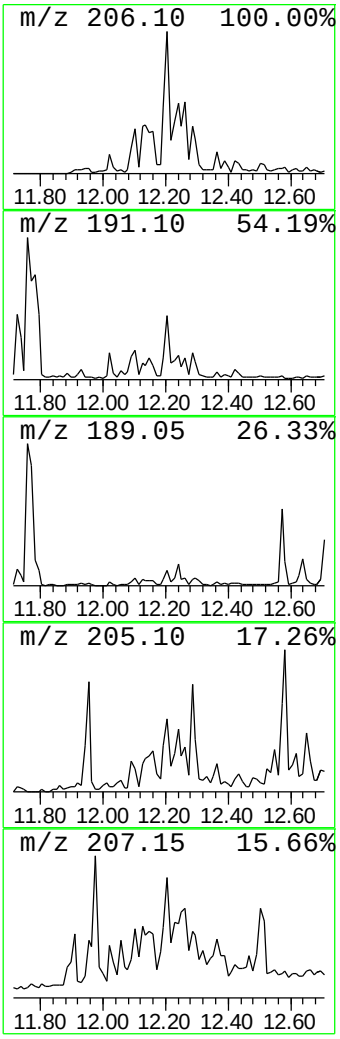
Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	3.71 ng	274574	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Library Search Compound Report

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Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

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TIC Library : C:\DATABASE\NIST02.L
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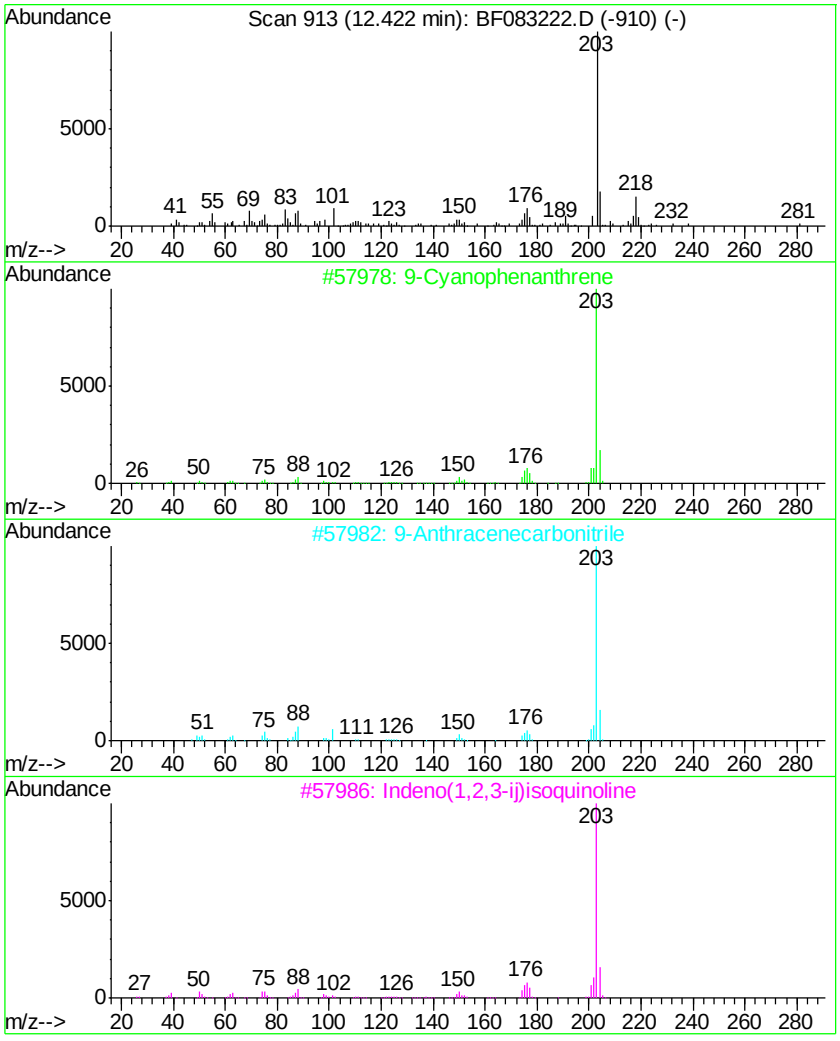
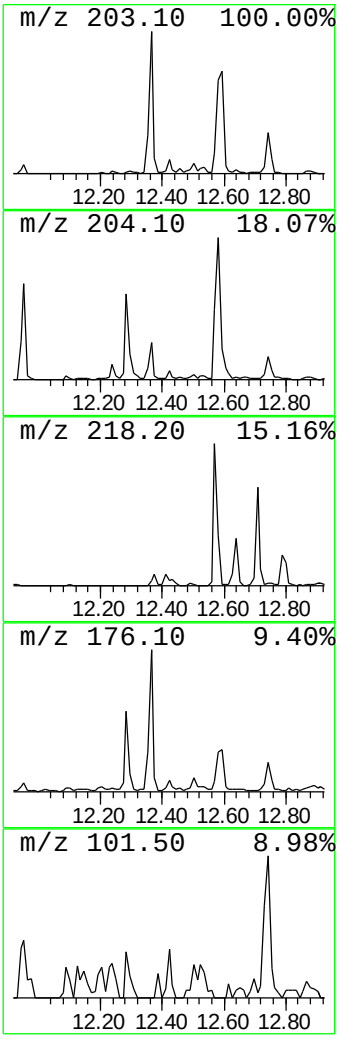
Peak Number 11 9-Cyanophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.64 ng	268963	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Cyanophenanthrene	203	C15H9N	002510-55-6	76
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	76
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	68
4	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	68
5	Acenaphtho(1,2-B)pyridine	203	C15H9N	000206-49-5	68





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Acq On : 24 Nov 2015 00:04
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Sample : G4426-07
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

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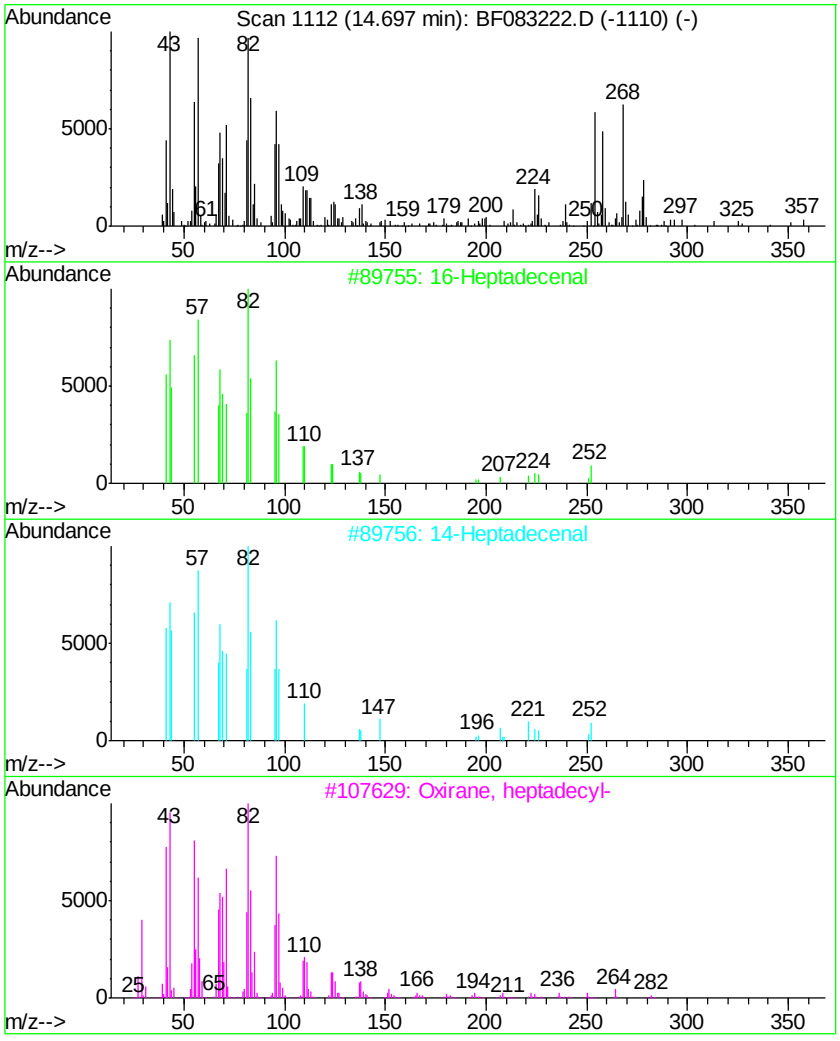
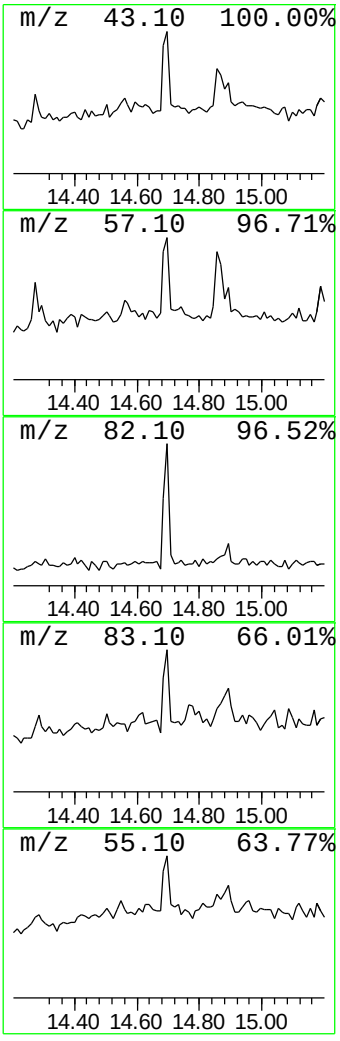
Peak Number 14 16-Heptadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.02 ng	346856	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Heptadecenal	252	C17H32O	1000144-57-9	89
2	14-Heptadecenal	252	C17H32O	1000144-58-0	89
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64
4	Octadecanal	268	C18H36O	000638-66-4	55
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50





Library Search Compound Report

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Operator : UM/IZ
Sample : G4426-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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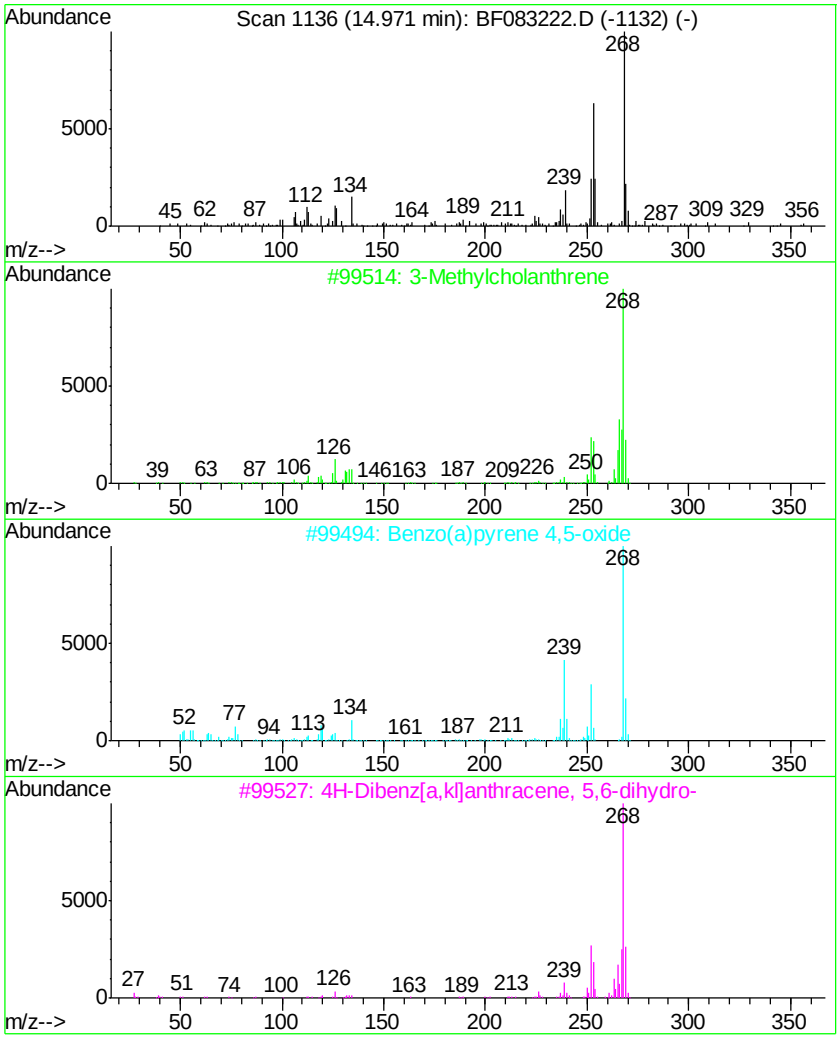
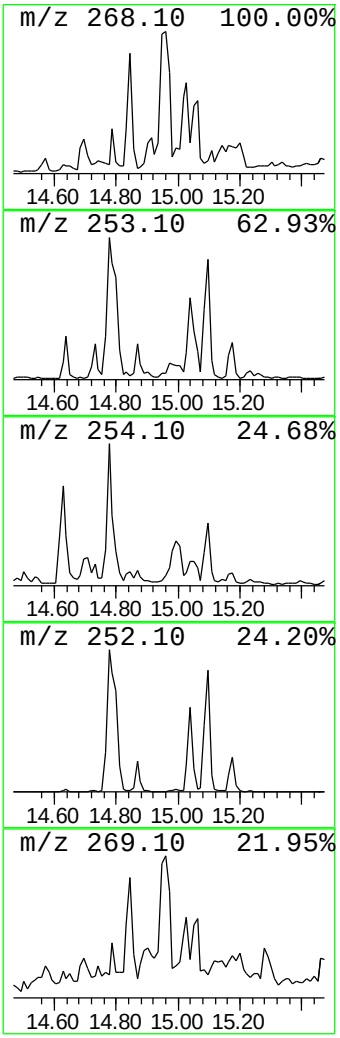
Peak Number 16 3-Methylcholanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	3.99 ng	275871	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	58
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
3	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	58
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	55
5	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	52





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Sample : G4426-07
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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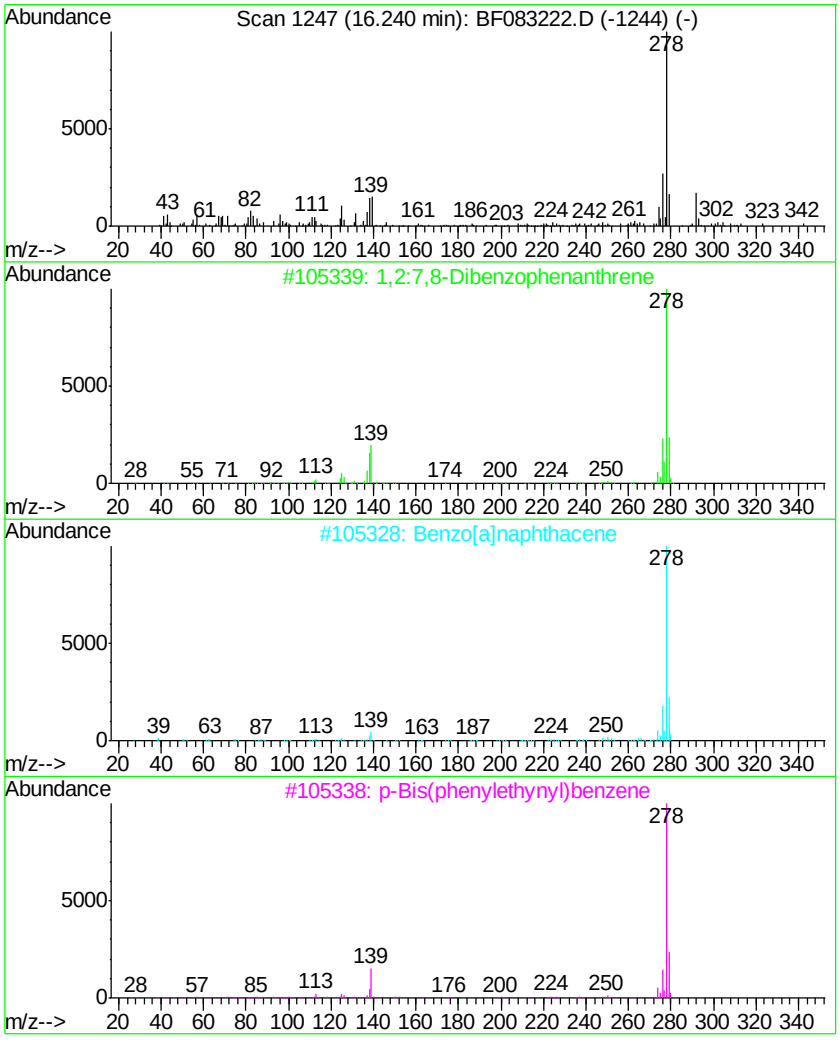
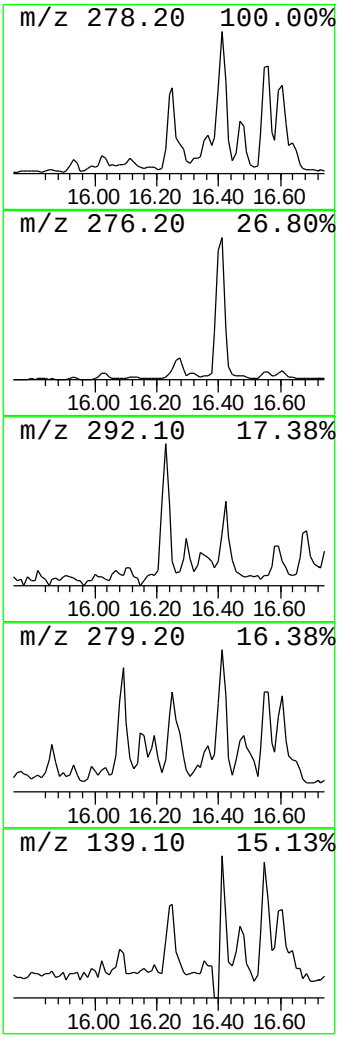
Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.53 ng	243724	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	86
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	64
3	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	62
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60
5	Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	58





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Instrument : BNA_F
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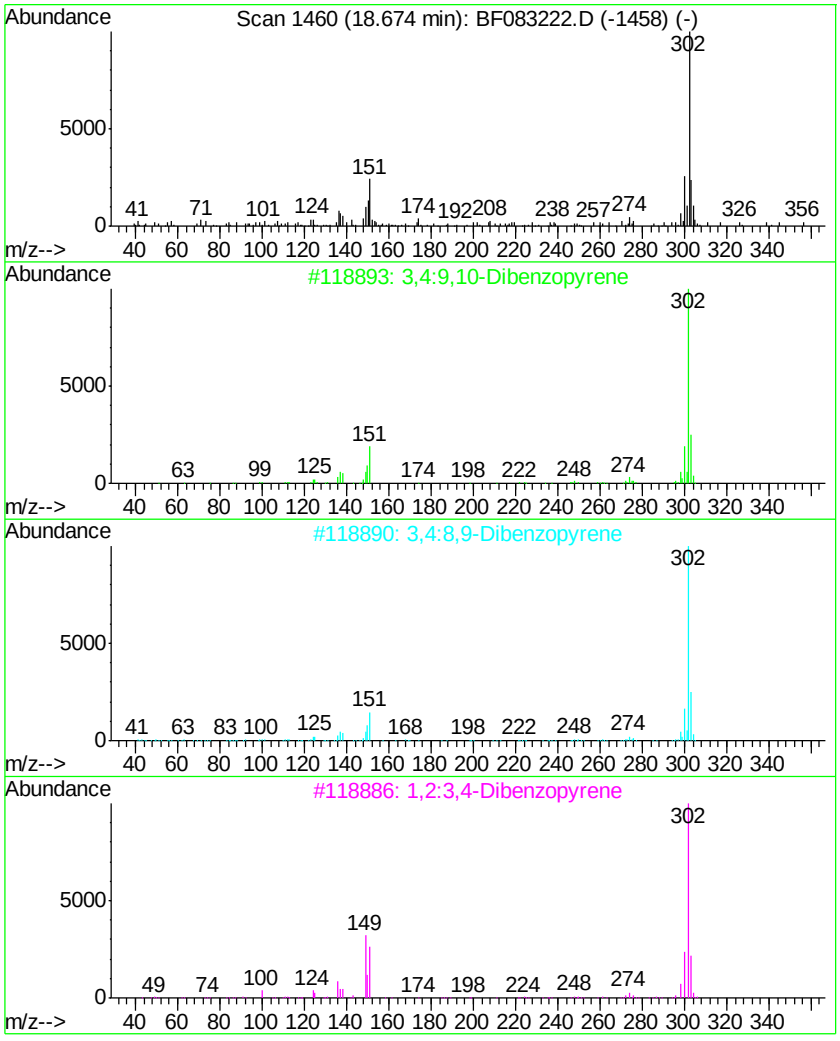
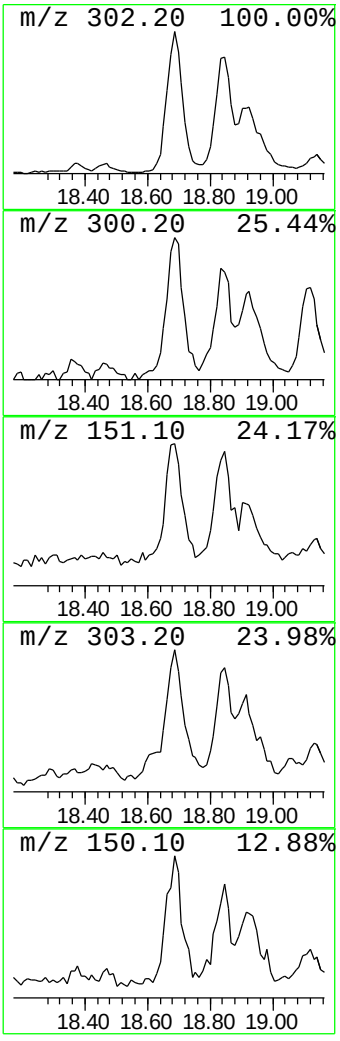
Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.80 ng	331640	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
3	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	95
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	70





Tentatively Identified Compound (LSC) summary

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Data File : BF083222.D
Acq On : 24 Nov 2015 00:04
Operator : UM/IZ
Sample : G4426-07
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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...	4.80	53.3	ng	3415780	1	6.64	1282350	20.0
unknown6.42	6.42	98.5	ng	6318500	1	6.64	1282350	20.0
Tridecane	10.59	4.6	ng	340980	4	11.15	1479790	20.0
Dibenzothiophene	11.05	5.6	ng	413075	4	11.15	1479790	20.0
Phenanthrene, 2-m...	11.66	5.5	ng	405525	4	11.15	1479790	20.0
Phenanthrene, 1-m...	11.68	9.3	ng	686881	4	11.15	1479790	20.0
4H-Cyclopenta[def...	11.76	12.1	ng	897899	4	11.15	1479790	20.0
Naphthalene, 2-ph...	11.95	4.3	ng	320726	4	11.15	1479790	20.0
Phenanthrene, 2,3...	12.21	3.7	ng	274574	4	11.15	1479790	20.0
9-Cyanophenanthrene	12.42	3.6	ng	268963	4	11.15	1479790	20.0
16-Heptadecenal	14.70	5.0	ng	346856	6	15.14	1381330	20.0
3-Methylcholanthrene	14.97	4.0	ng	275871	6	15.14	1381330	20.0
1,2:7,8-Dibenzoph...	16.24	3.5	ng	243724	6	15.14	1381330	20.0
3,4:9,10-Dibenzop...	18.67	4.8	ng	331640	6	15.14	1381330	20.0