LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

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-BF081715.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	3.806	179	181	187	rBB	13234	22169	1.46%	0.091%
2	4.594	247	250	259	rVB	642786	1020613	67.22%	4.201%
3	5.063	288	291	294	rBV	1223142	1269728	83.62%	5.226%
4	5.486	327	328	331	rBV	24900	30342	2.00%	0.125%
5	6.160	384	387	389	rBV	1396716	1477902	97.33%	6.083%
6	6.274	394	397	399	rBV	1135627	1390805	91.60%	5.725%
7	6.503	415	417	419	rBV	386391	309329	20.37%	1.273%
8	6.663	428	431	433	rBV	950893	976437	64.31%	4.019%
9	7.075	465	467	470	rBV	813350	811323	53.43%	3.339%
10	7.795	528	530	532	rBV	356165	399757	26.33%	1.645%
11	8.869	622	624	627	rBV	1419176	1273985	83.90%	5.244%
12	9.269	657	659	661	rBV	198723	155810	10.26%	0.641%
13	9.395	667	670	672	rBV	77906	73203	4.82%	0.301%
14	9.532	680	682	684	rBV	541835	455941	30.03%	1.877%
15	9.989	721	722	724	rVB	27963	20384	1.34%	0.084%
16	10.309	748	750	753	rVV2	677858	884102	58.22%	3.639%
17	10.458	758	763	766	rBV	37710	50679	3.34%	0.209%
18	10.904	799	802	803	rBV	36940	34757	2.29%	0.143%
19	10.995	808	810	814	rBV2	394874	741474	48.83%	3.052%
20	11.075	814	817	819	rVB	80505	78202	5.15%	0.322%
21	11.235	828	831	832	rBV	87783	84511	5.57%	0.348%
22	11.258	832	833	836	rVV2	15852	32101	2.11%	0.132%
23	11.326	838	839	842	rVB2	28571	27534	1.81%	0.113%
24	11.498	851	854	855	rBV	73028	84689	5.58%	0.349%
25	11.521	855	856	858	rVV2	79429	86412	5.69%	0.356%
26	11.566	858	860	862	rVV	395559	407706	26.85%	1.678%
27	11.601	862	863	868	rVV2	116124	182158	12.00%	0.750%
28	11.704	868	872	873	rVV	19465	34403	2.27%	0.142%
29	11.726	873	874	876	rVV	18678	23170	1.53%	0.095%
30	11.795	878	880	884	rVB3	64200	121947	8.03%	0.502%
31	11.966	894	895	897	rVV	18770	23526	1.55%	0.097%
32	12.046	899	902	903	rBV	45355	59963	3.95%	0.247%
33	12.081	903	905	906	rVV2	33659	47034	3.10%	0.194%
34	12.126	906	909	913	rVB3	68702	96907	6.38%	0.399%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.195	913	915	918	rBV	727598	1025340	67.53%	4.220%
36	12.264	918	921	922	rVV	118050	147911	9.74%	0.609%
37	12.287	922	923	925	rVV	79425	86375	5.69%	0.356%
38	12.344	925	928	932	rVV2	126549	176839	11.65%	0.728%
39	12.424	932	935	937	rVV	908316	938573	61.81%	3.863%
40	12.481	937	940	943	rVV3	35812	84702	5.58%	0.349%
41	12.549	943	946	947	rVV	40555	70440	4.64%	0.290%
42	12.584	947	949	951	rVV	1304829	1247584	82.16%	5.135%
43	12.652	951	955	956	rVV2	54508	109742	7.23%	0.452%
44	12.755	959	964	965	rVV2	100683	194465	12.81%	0.800%
45	12.812	968	969	971	rVV	41628	79083	5.21%	0.326%
46	12.858	971	973	977	rVV	106331	175713	11.57%	0.723%
47	12.938	979	980	982	rVV	35056	43187	2.84%	0.178%
48	12.972	982	983	985	rVV	42986	50410	3.32%	0.207%
49	13.052	988	990	995	rVB3	19493	47484	3.13%	0.195%
50	13.144	995	998	1002	rBV4	60803	178111	11.73%	0.733%
51	13.258	1005	1008	1010	rVB	75400	118556	7.81%	0.488%
52	13.361	1015	1017	1018	rVV	124379	138378	9.11%	0.570%
53	13.407	1018	1021	1024	rVV2	82097	251937	16.59%	1.037%
54	13.464	1024	1026	1028	rVV	113819	152548	10.05%	0.628%
55	13.498	1028	1029	1035	rVV2	156201	346375	22.81%	1.426%
56	13.612	1035	1039	1045	rVV2	616536	1518424	100.00%	6.250%
57	13.715	1045	1048	1049	rVV2	53268	91719	6.04%	0.378%
58	13.749	1049	1051	1054	rVV2	69305	136716	9.00%	0.563%
59	13.818	1054	1057	1060	rVV2	70893	189620	12.49%	0.780%
60	13.875	1060	1062	1065	rVV2	30115	68443	4.51%	0.282%
61	13.967	1065	1070	1071	rVV4	29893	97419	6.42%	0.401%
62	13.990	1071	1072	1074	rVV	67003	99879	6.58%	0.411%
63	14.024	1074	1075	1078	rVV2	39068	69107	4.55%	0.284%
64	14.081	1078	1080	1082	rVV2	29050	56849	3.74%	0.234%
65	14.115	1082	1083	1088	rVV4	61758	126587	8.34%	0.521%
66	14.195	1088	1090	1092	rVB2	24492	29987	1.97%	0.123%
67	14.298	1096	1099	1100	rBV3	23770	32026	2.11%	0.132%
68	14.367	1104	1105	1107	rBV2	13245	20754	1.37%	0.085%
69	14.412	1107	1109	1110	rVB2	27308	32608	2.15%	0.134%
70	14.470	1110	1114	1117	rVB3	173965	241191	15.88%	0.993%
71	14.515	1117	1118	1120	rBV	11768	18287	1.20%	0.075%

LSC Area Percent Report

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Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.595	1123	1125	1129	rBV	377732	641305	42.23%	2.640%
73	14.675	1129	1132	1137	rVB3	58907	108236	7.13%	0.446%
74	14.755	1137	1139	1142	rBV2	17466	38446	2.53%	0.158%
75	14.835	1144	1146	1149	rBV	190043	221318	14.58%	0.911%
76	14.881	1149	1150	1153	rVB	202888	285222	18.78%	1.174%
77	14.938	1153	1155	1159	rBV2	246193	363028	23.91%	1.494%
78	15.338	1187	1190	1192	rBV2	21144	43530	2.87%	0.179%
79	15.395	1192	1195	1201	rVV3	27313	98829	6.51%	0.407%
80	15.487	1201	1203	1210	rVB6	16142	44192	2.91%	0.182%
81	15.658	1215	1218	1222	rVB2	15522	29957	1.97%	0.123%
82	15.738	1222	1225	1228	rBV3	12413	32136	2.12%	0.132%
83	15.830	1231	1233	1240	rVB4	28691	68466	4.51%	0.282%
84	15.967	1240	1245	1250	rBV5	26272	85307	5.62%	0.351%
85	16.093	1252	1256	1259	rBV2	125247	209461	13.79%	0.862%
86	16.230	1265	1268	1270	rBV	22050	35278	2.32%	0.145%
87	16.275	1270	1272	1275	rBV2	22742	44244	2.91%	0.182%
88	16.435	1282	1286	1292	rVB	102067	191901	12.64%	0.790%
89	16.561	1293	1297	1299	rVV4	14310	38920	2.56%	0.160%
90	16.618	1299	1302	1304	rVV	22213	46167	3.04%	0.190%
91	16.721	1308	1311	1315	rBV3	11623	24748	1.63%	0.102%
92	17.350	1362	1366	1371	rVB4	10238	30774	2.03%	0.127%
93	18.116	1427	1433	1434	rBV4	7926	25072	1.65%	0.103%
94	18.173	1434	1438	1443	rVB2	21843	66956	4.41%	0.276%
95	18.310	1445	1450	1453	rBV2	14031	48319	3.18%	0.199%
96	19.030	1504	1513	1516	rBV3	11919	60719	4.00%	0.250%
97	19.099	1516	1519	1525	rVB2	14313	46367	3.05%	0.191%
98	19.247	1527	1532	1538	rBV4	7351	28652	1.89%	0.118%
99	20.070	1597	1604	1610	rBV3	6611	29068	1.91%	0.120%
100	21.339	1708	1715	1723	rBV5	5345	26276	1.73%	0.108%

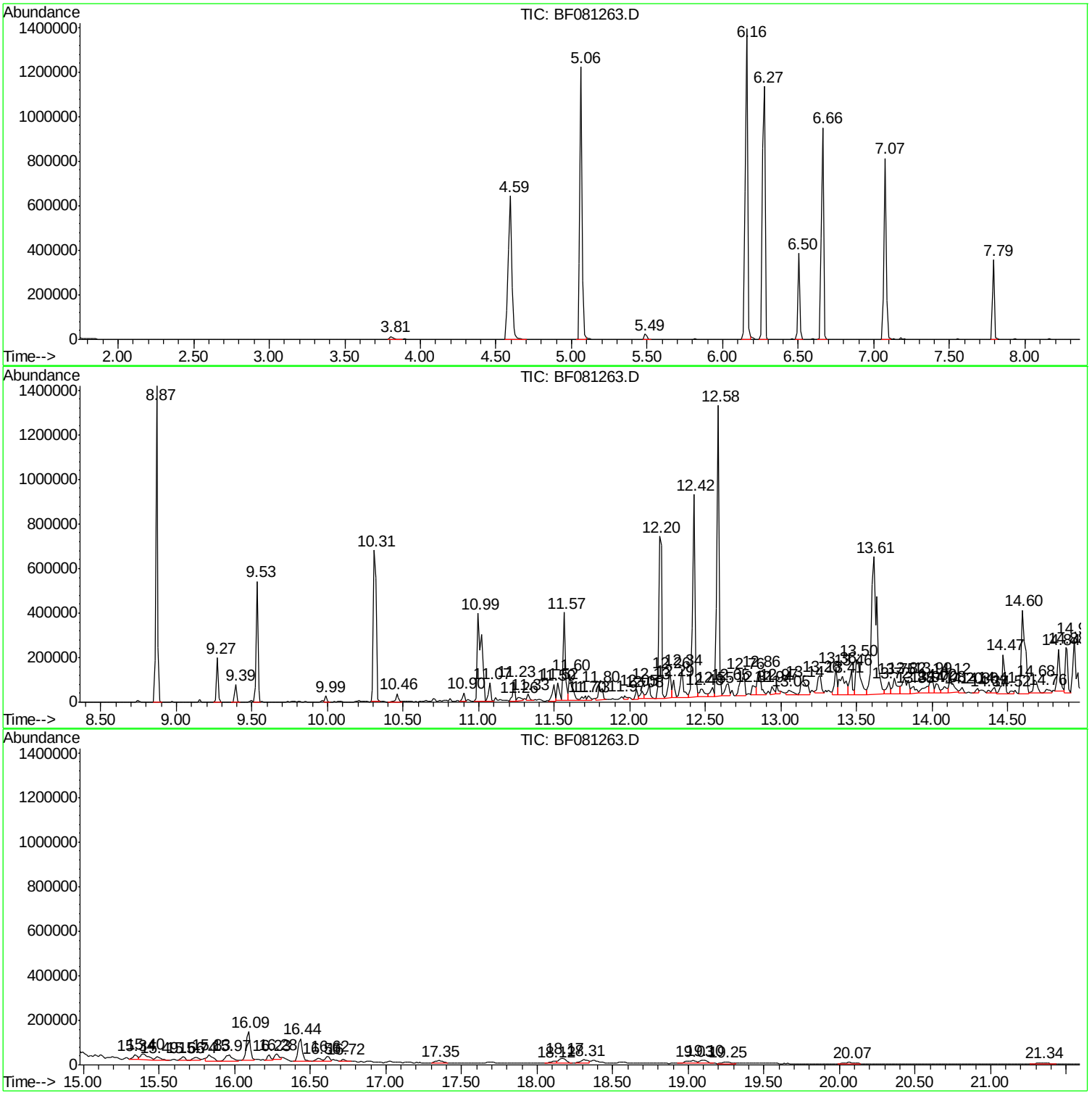
Sum of corrected areas: 24295266

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF082815\
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Acq On : 28 Aug 2015 5:14
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Sample : G3430-05
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Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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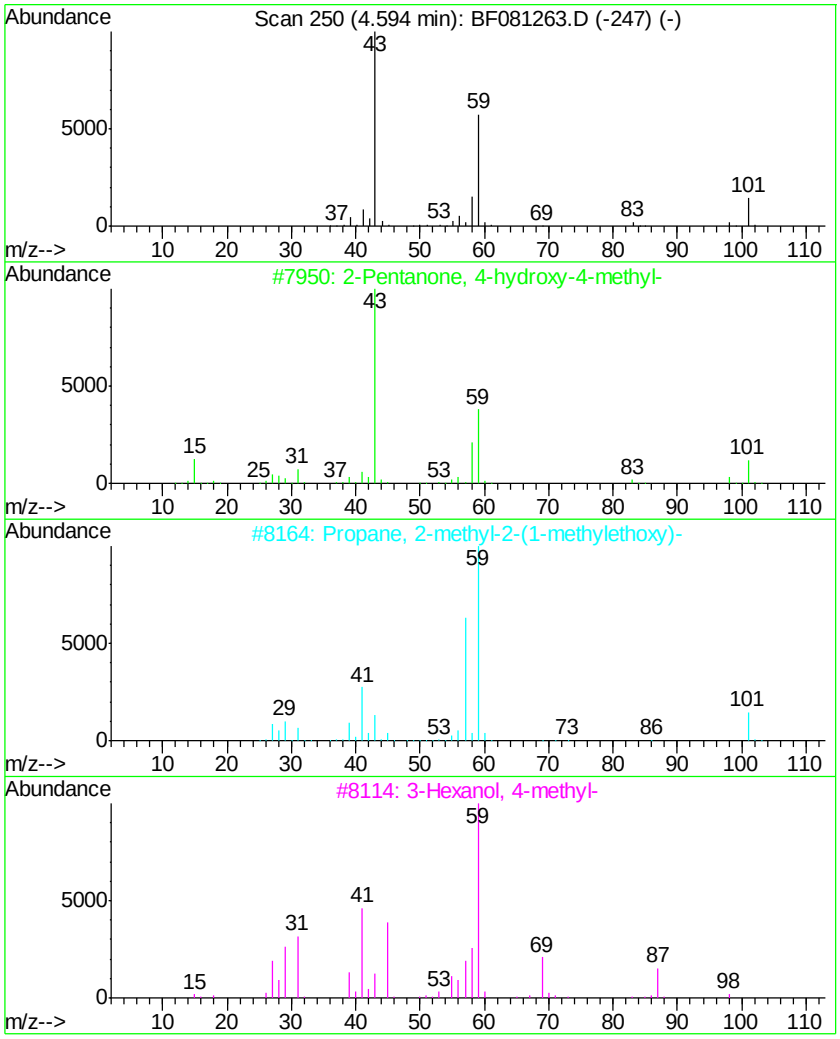
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

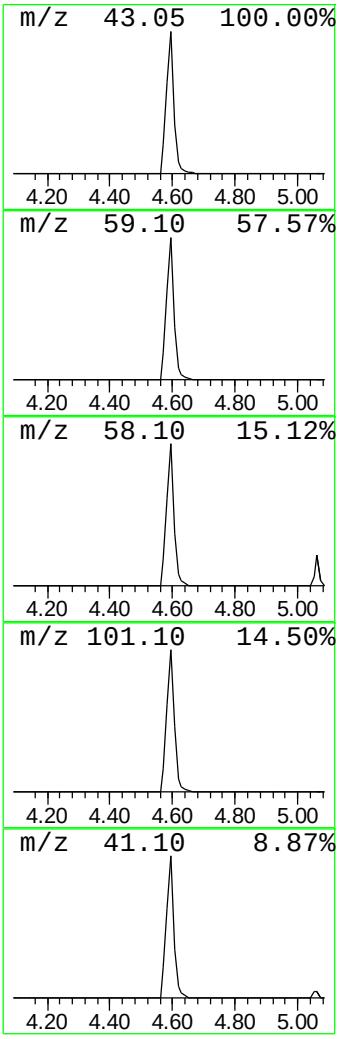
****

Peak Number 1 unknown4.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	65.99 ng	1020610	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

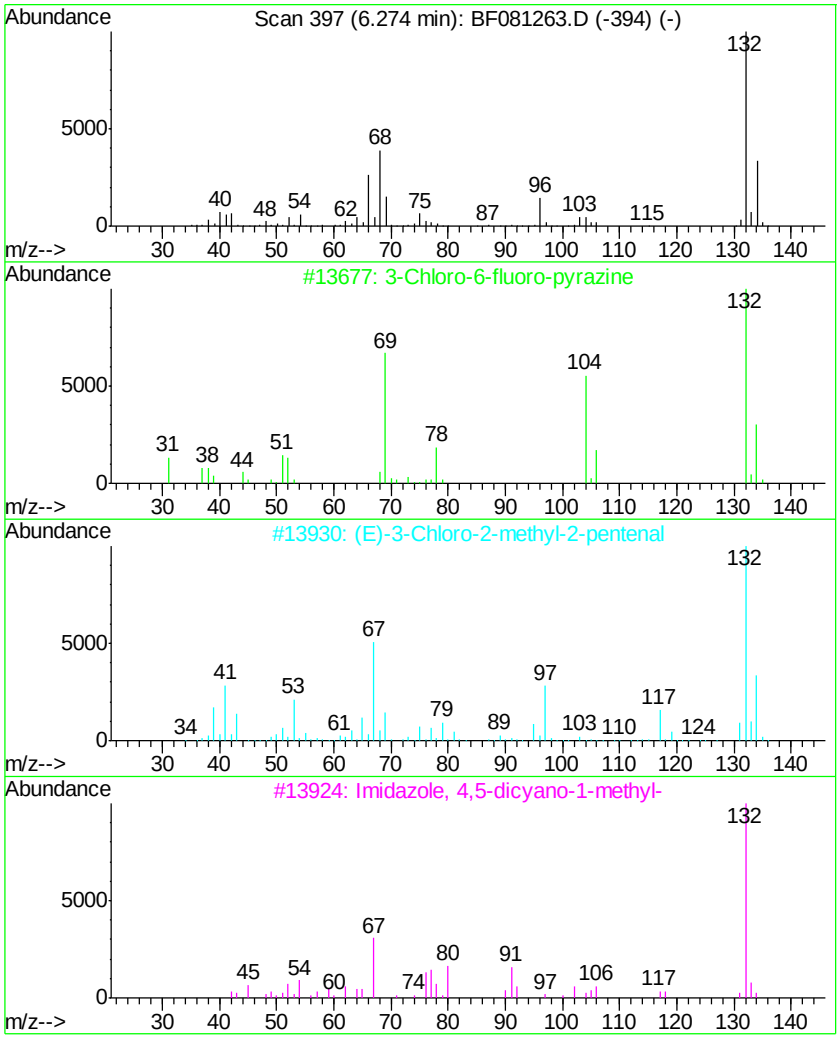
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

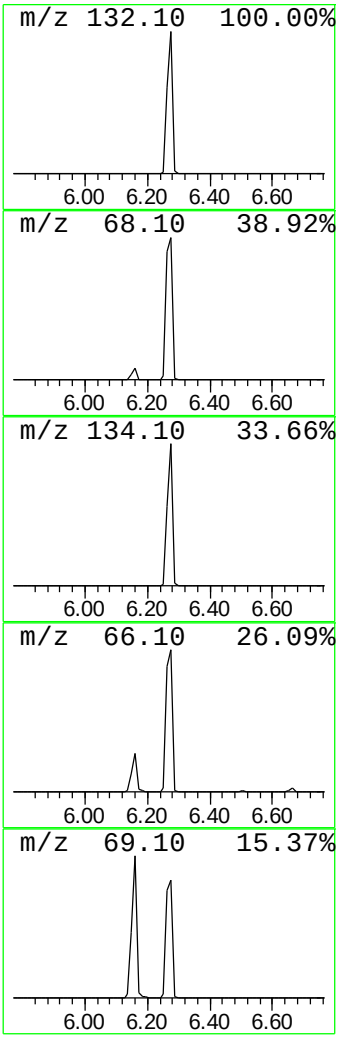
****

Peak Number 2 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	89.92 ng	1390810	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





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Acq On : 28 Aug 2015 5:14
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Sample : G3430-05
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Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

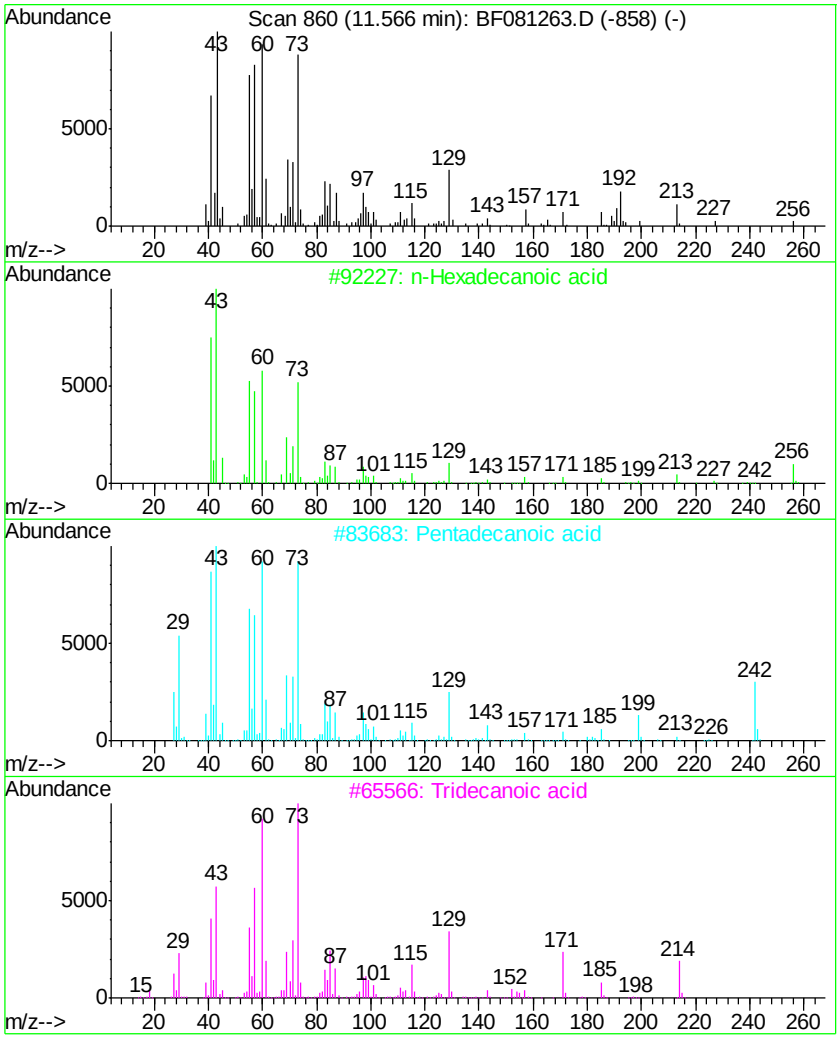
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

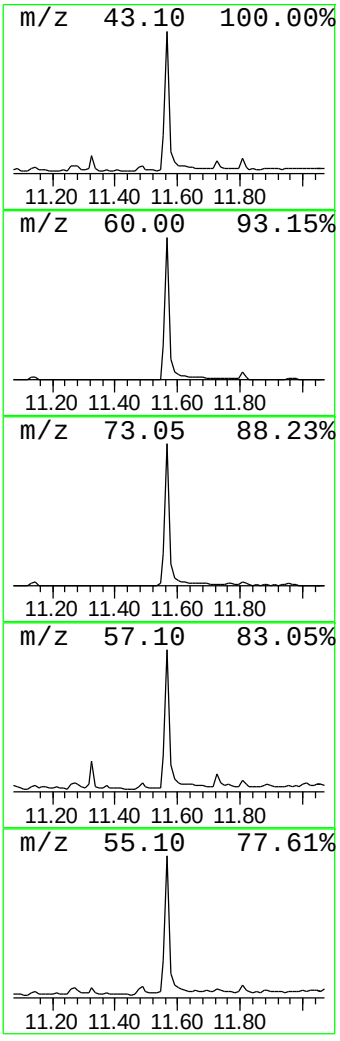
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.00 ng	407706	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

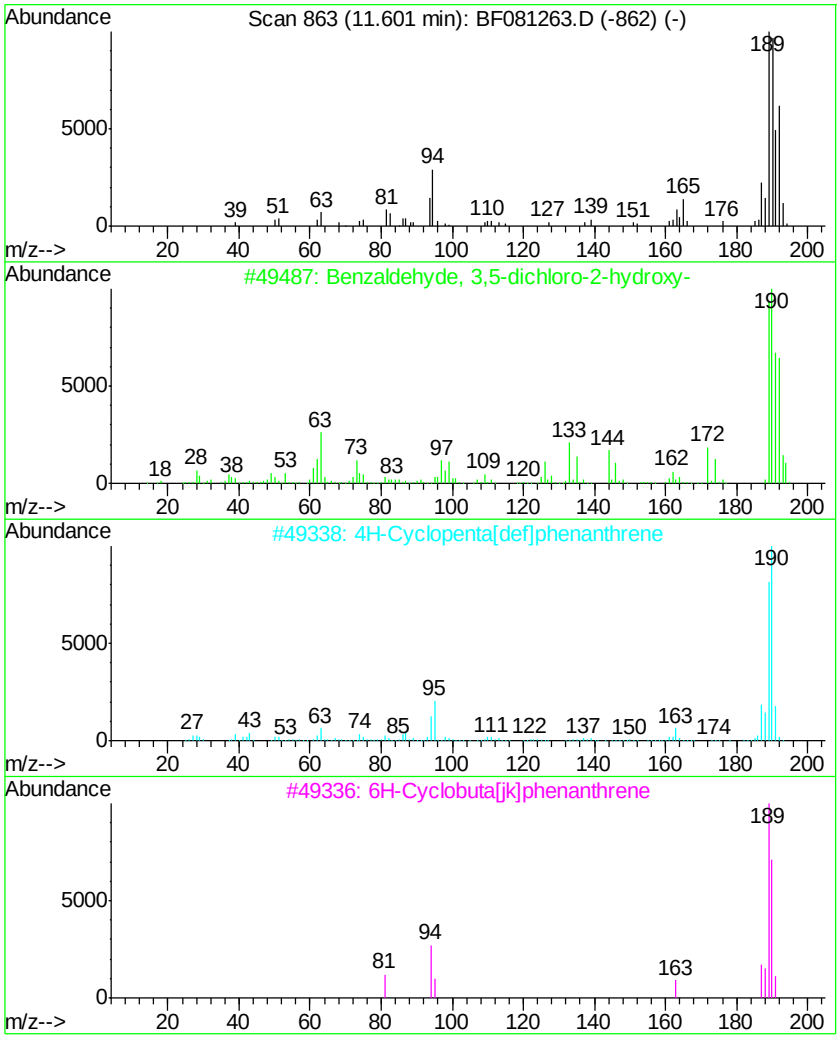
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

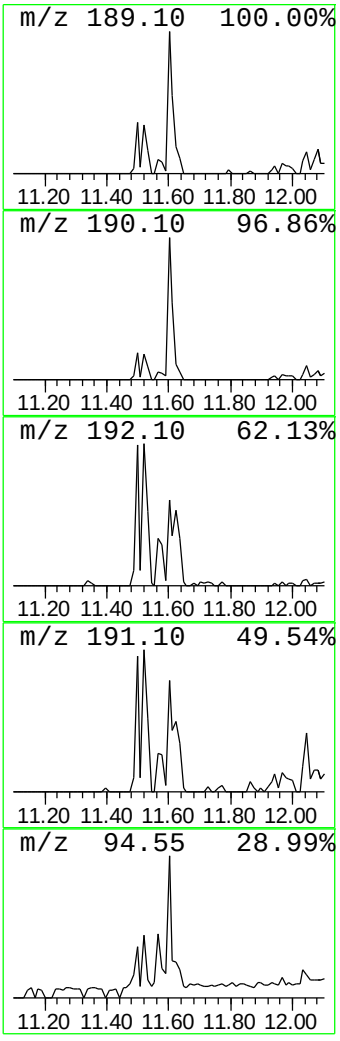
****

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.91 ng	182158	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

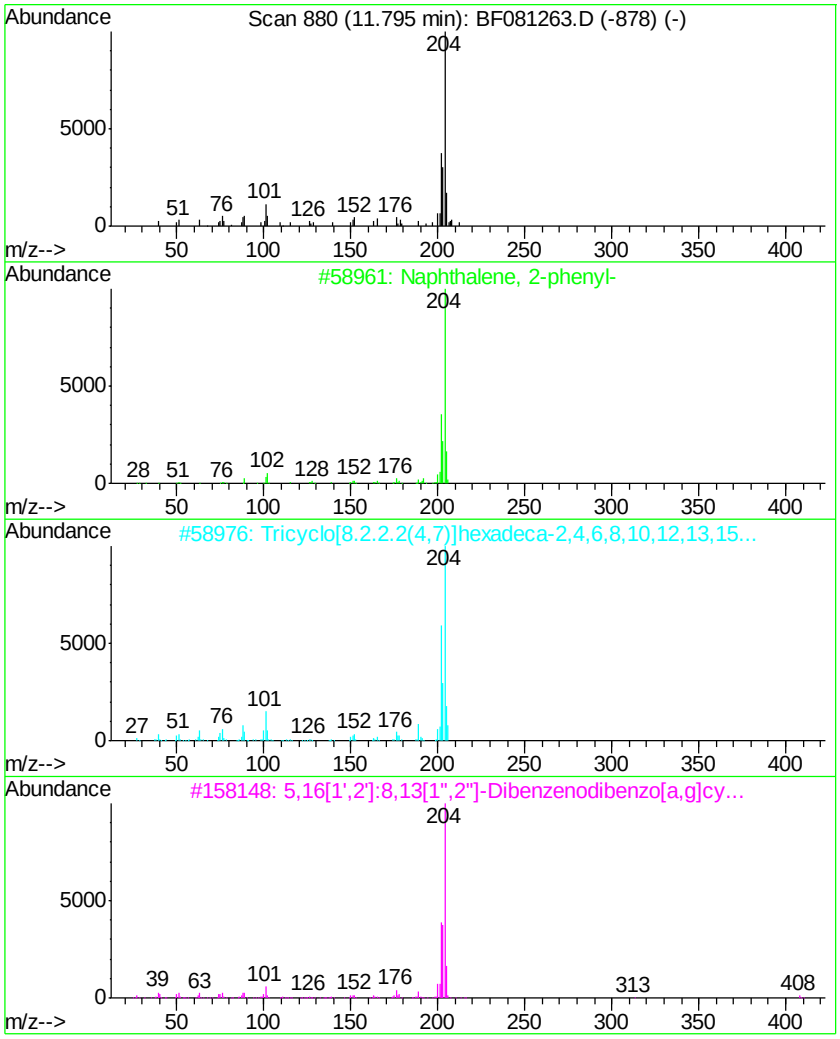
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

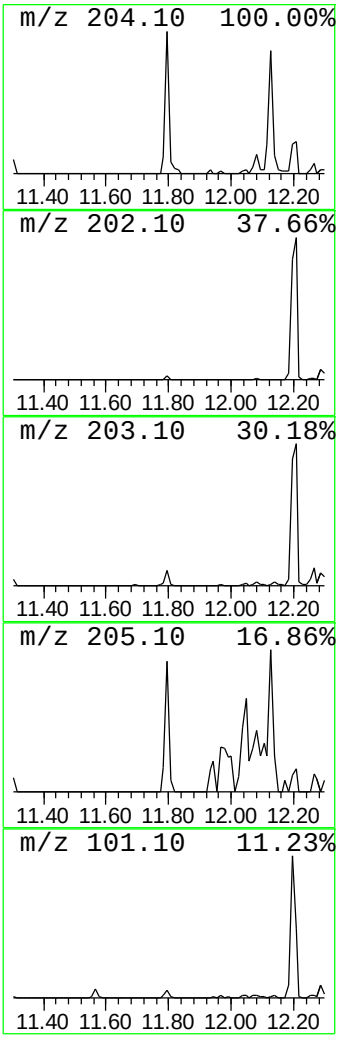
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.29 ng	121947	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	81
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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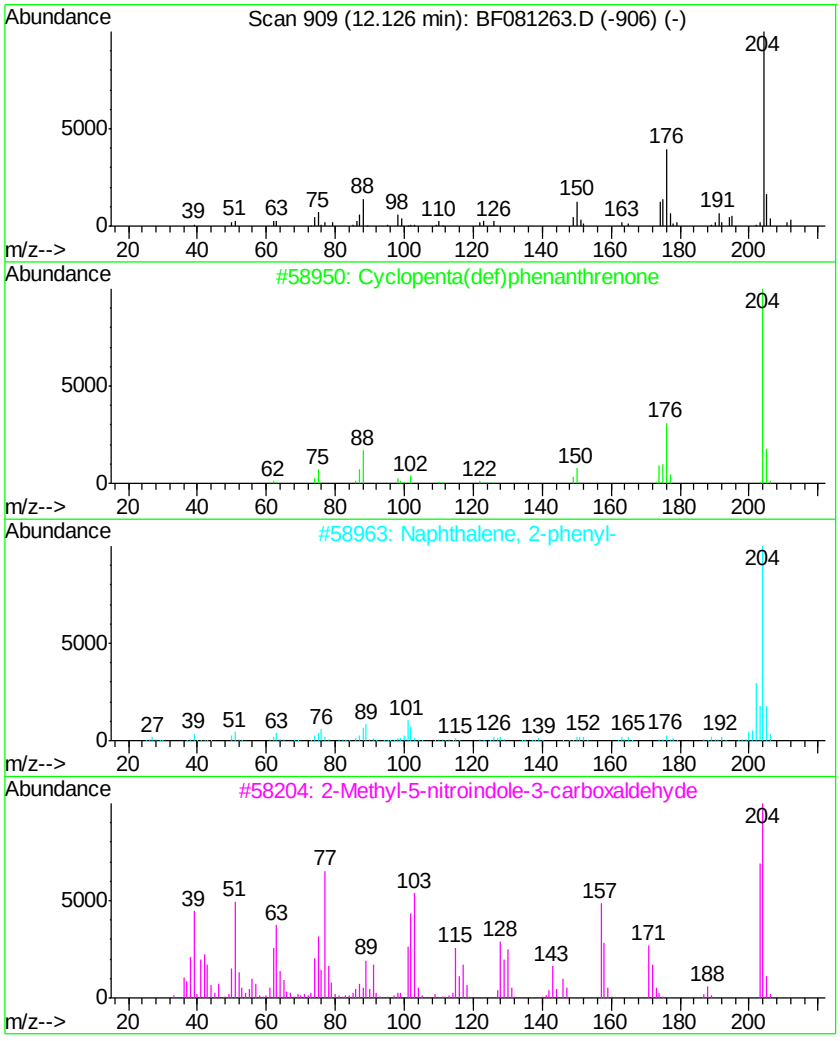
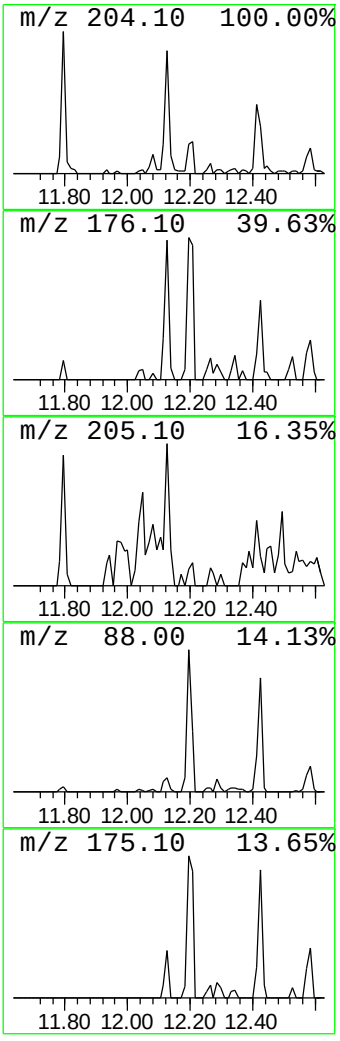
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.61 ng	96907	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
3	2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	43
4	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42





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Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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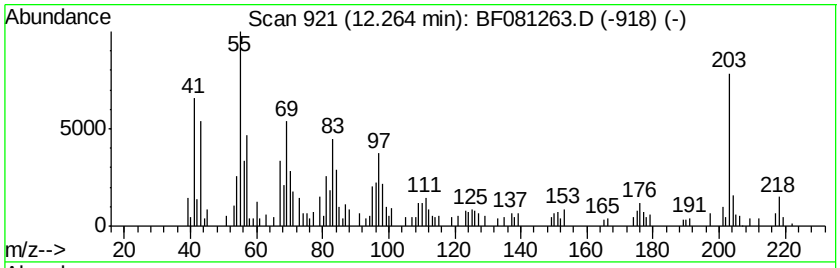
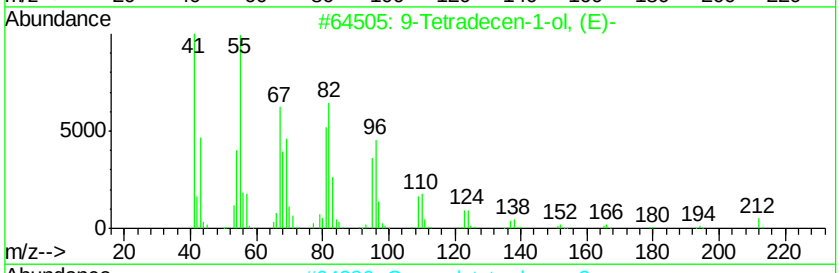
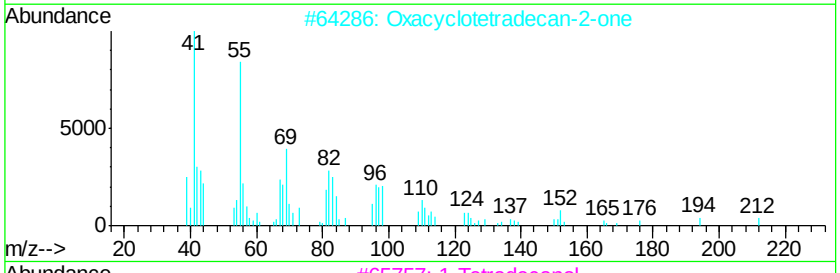
Peak Number 8 unknown12.26 Concentration Rank 12

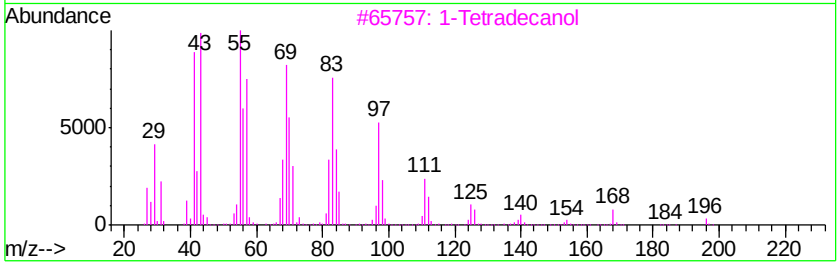
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.99 ng	147911	Phenanthrene-d10	10.99

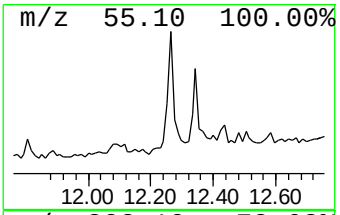
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tetradecen-1-ol, (E)-	212	C14H28O	052957-16-1	44
2	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	42
3	1-Tetradecanol	214	C14H30O	000112-72-1	42
4	1-Hexadecanol	242	C16H34O	036653-82-4	38
5	1-Pentadecanol	228	C15H32O	000629-76-5	38

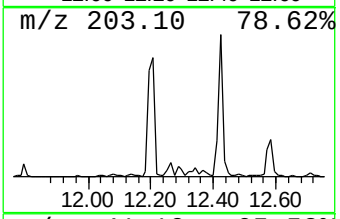


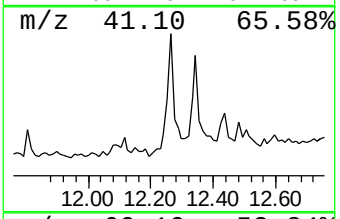


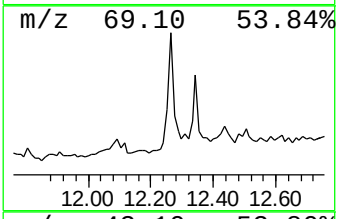


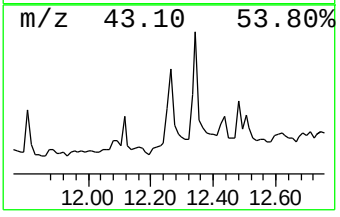












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Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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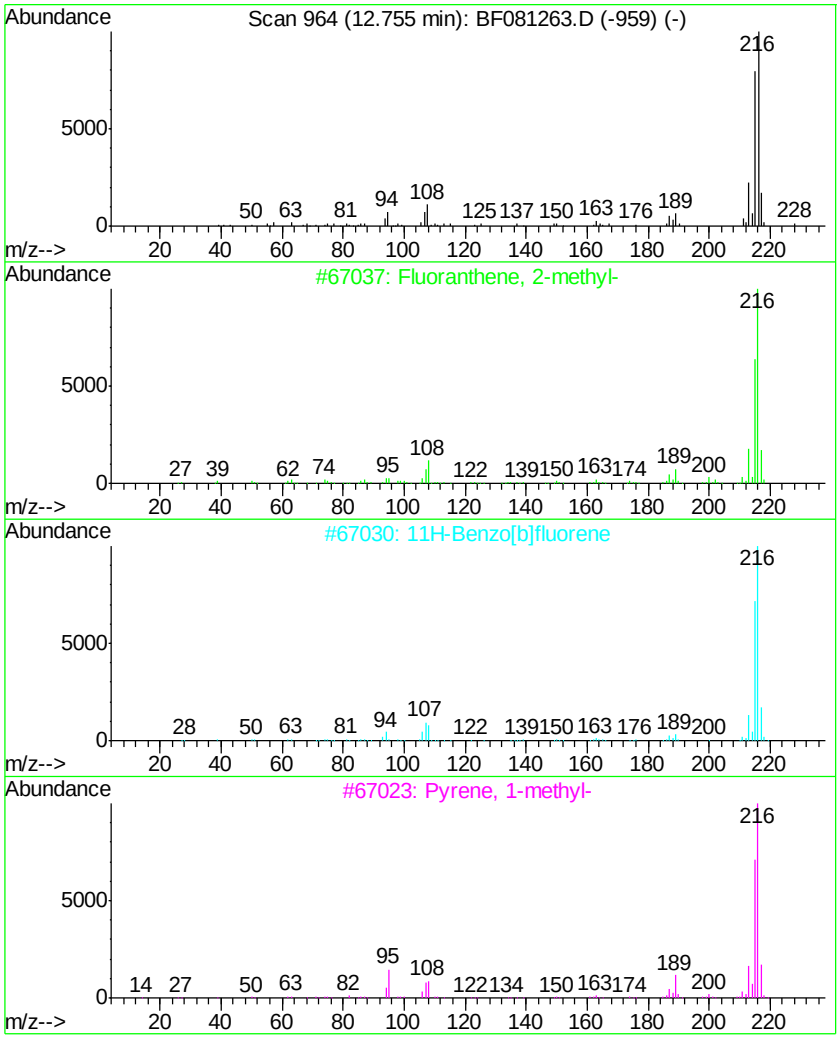
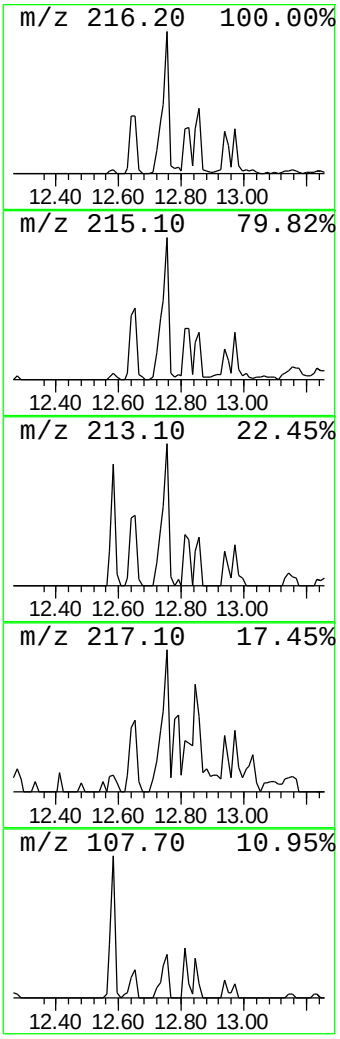
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.56 ng	194465	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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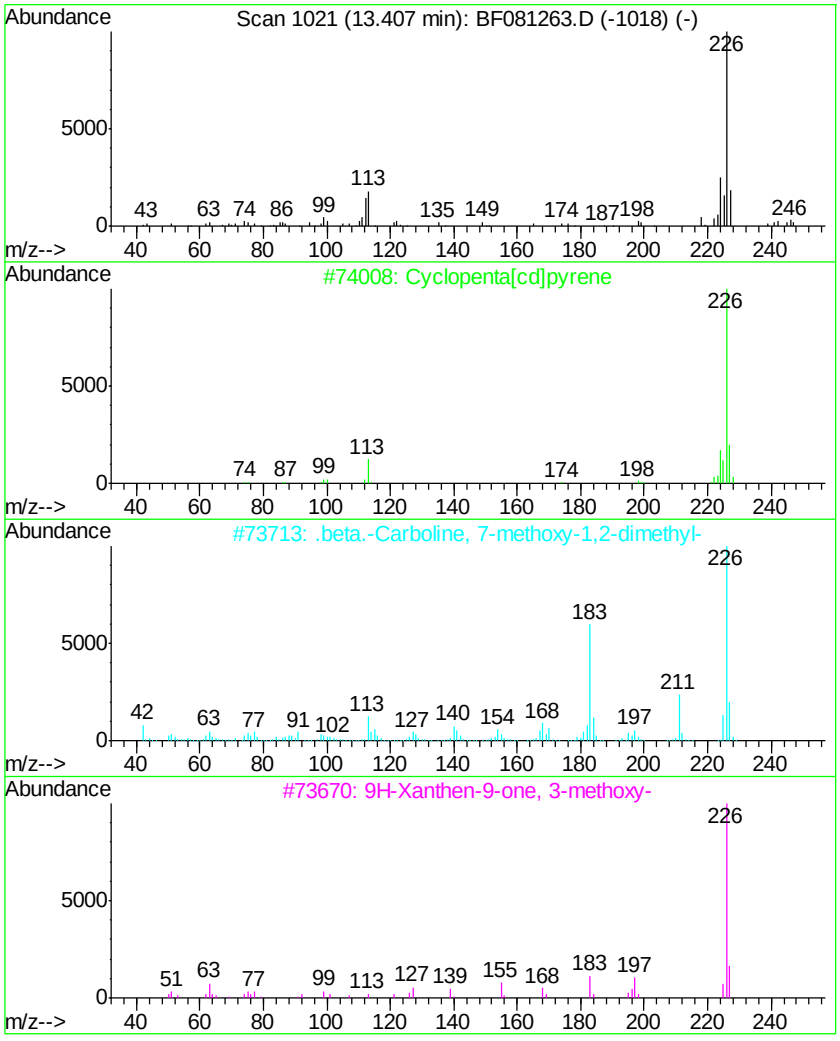
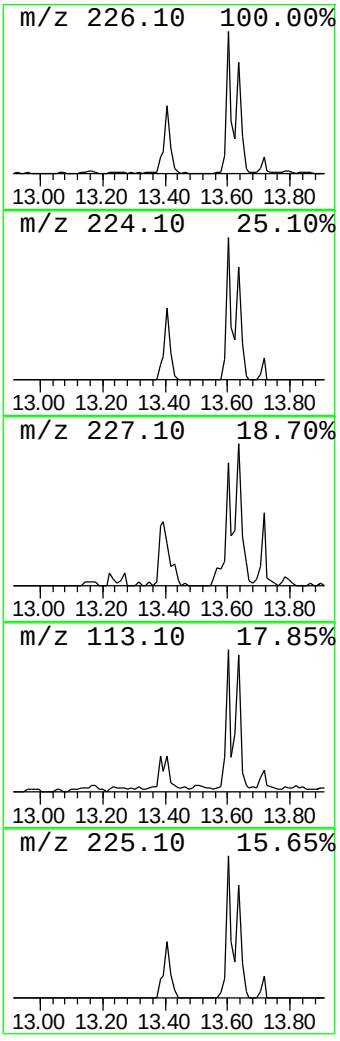
Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	3.32 ng	251937	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	32





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Acq On : 28 Aug 2015 5:14
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Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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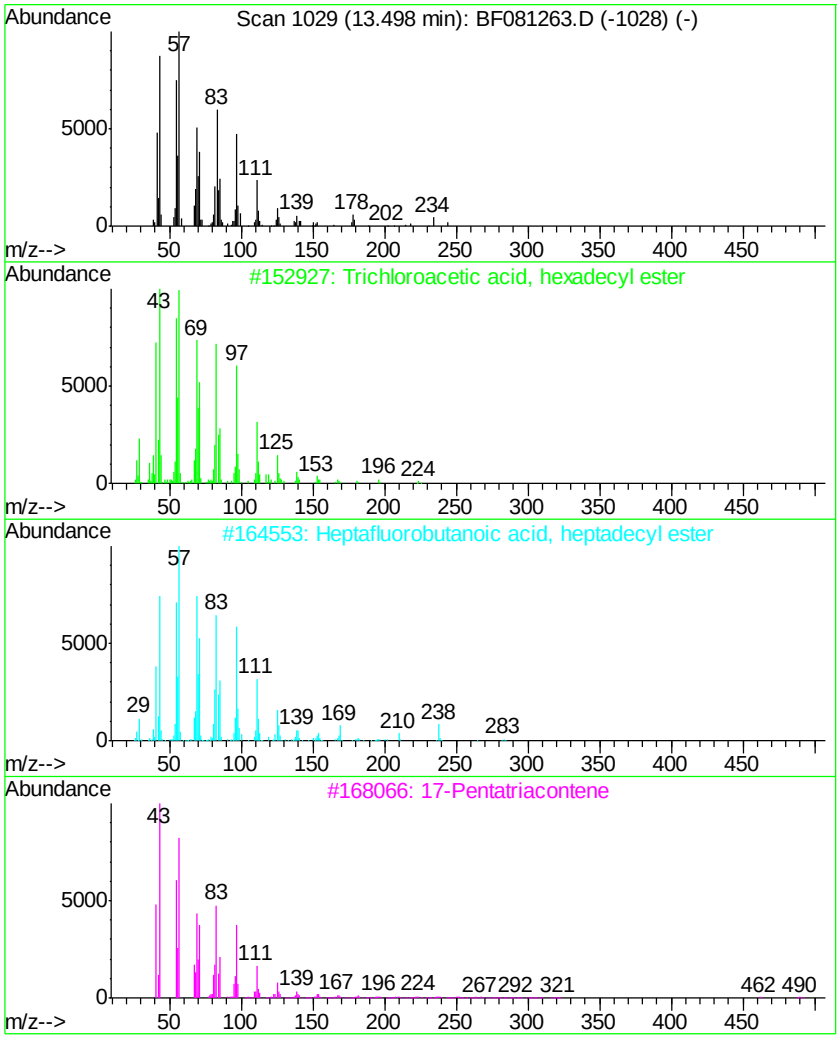
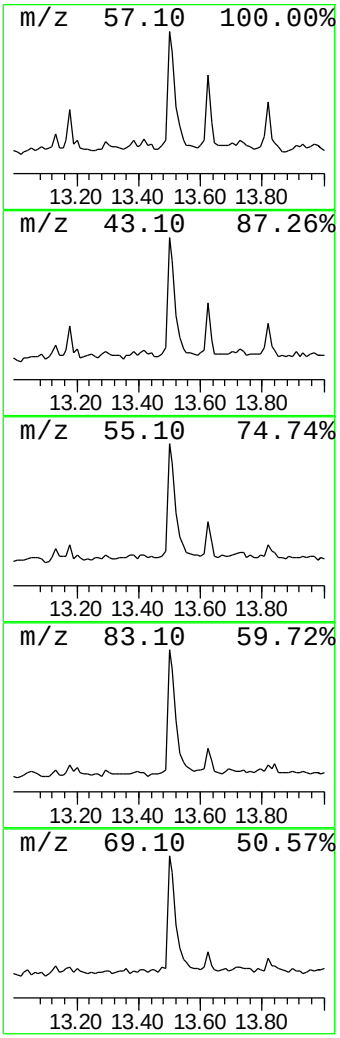
Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	4.56 ng	346375	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





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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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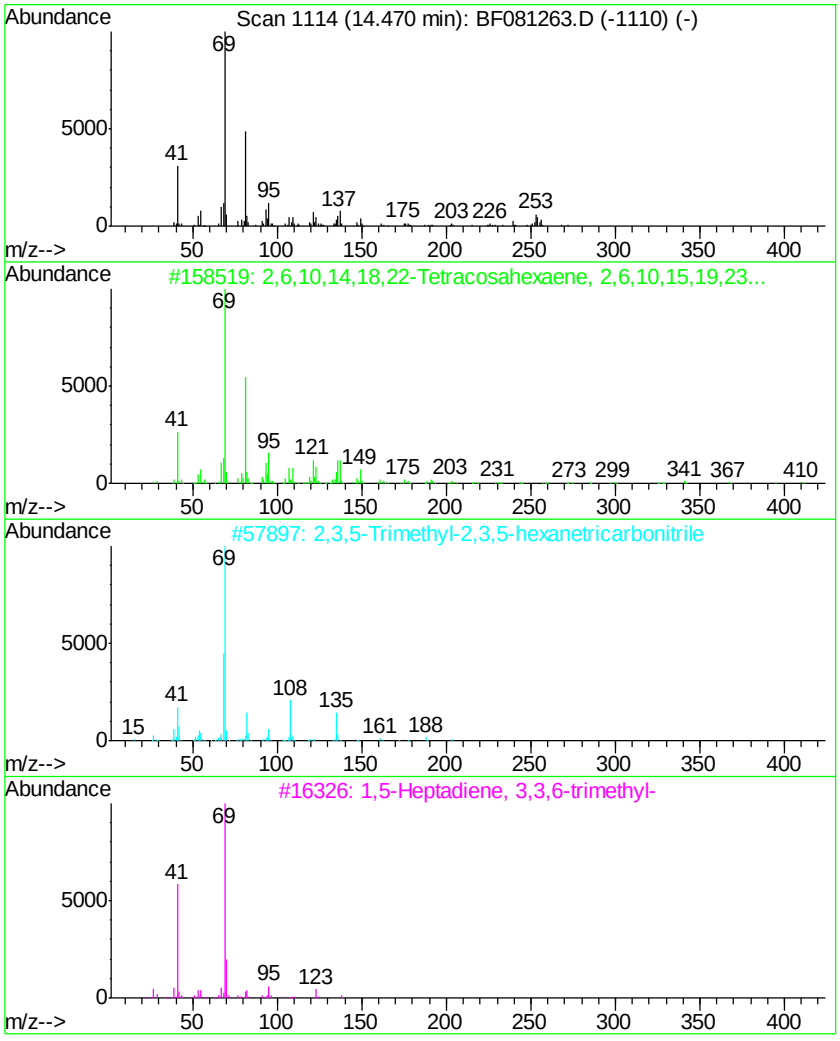
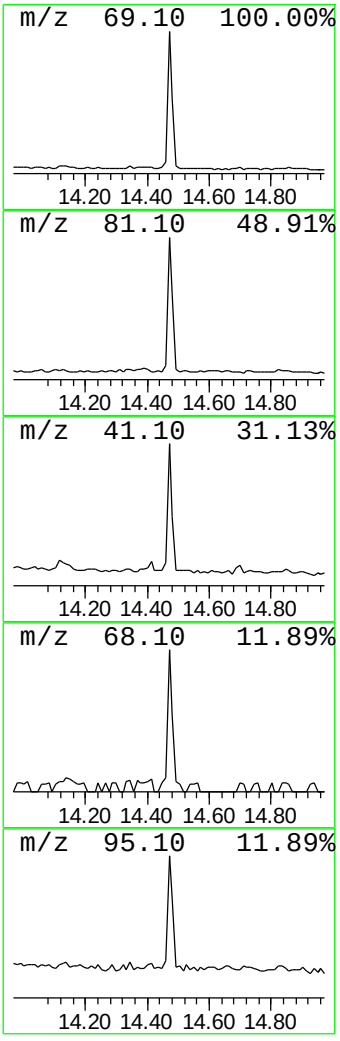
Peak Number 12 2,6,10,14,18,22-Tetracosahe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	13.29 ng	241191	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
2	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	52





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ClientSampleId : SB3(3-4)

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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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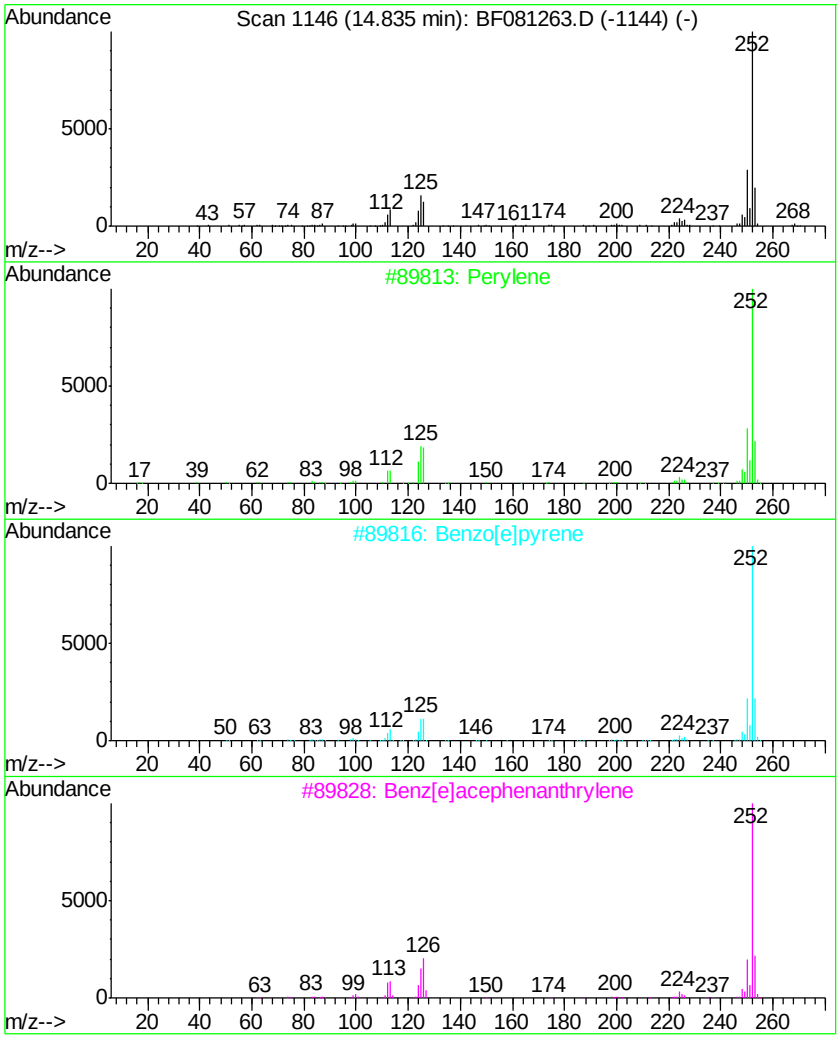
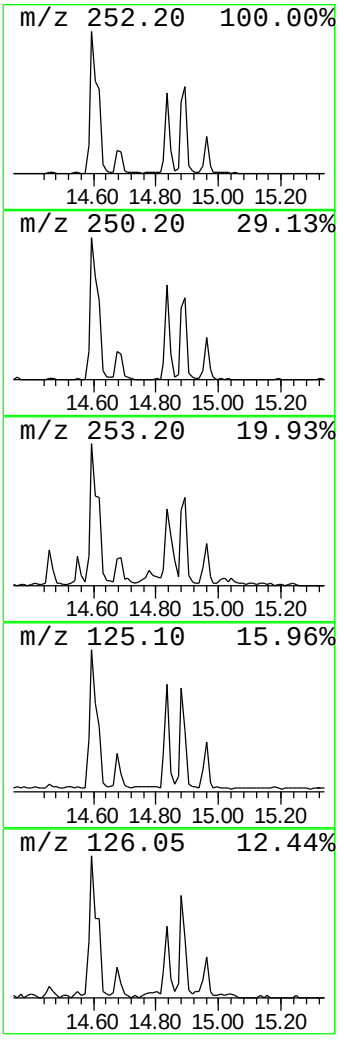
Peak Number 14 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	12.19 ng	221318	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
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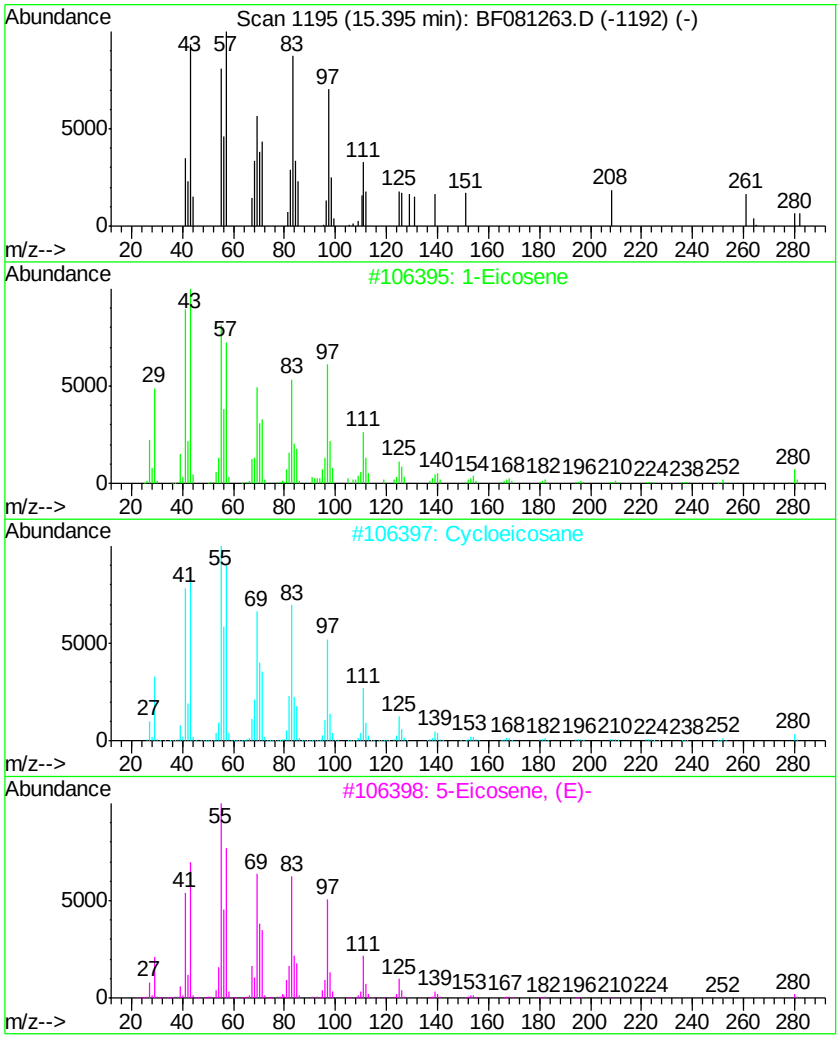
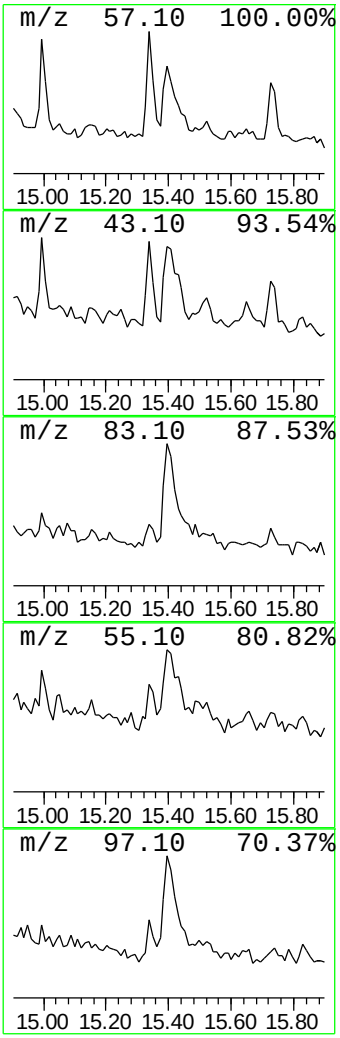
Peak Number 15 1-Eicosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.44 ng	98829	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	97
2	Cycloeicosane	280	C20H40	000296-56-0	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
5	1-Octadecene	252	C18H36	000112-88-9	90





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Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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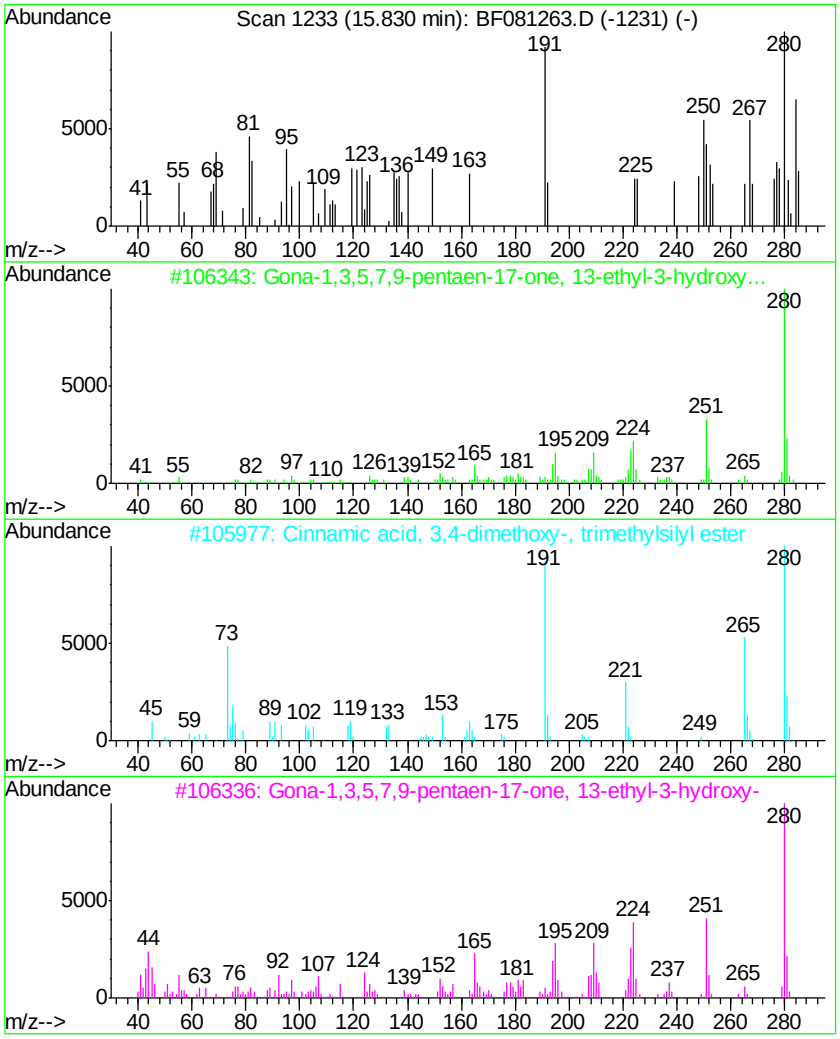
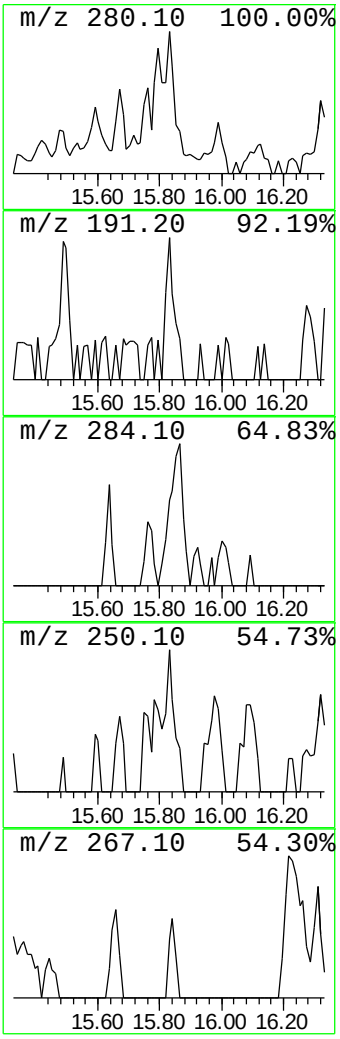
Peak Number 16 unknown15.83 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.77 ng	68466	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	051262-24-9	25
2	Cinnamic acid, 3,4-dimethoxy-, t...	280	C14H20O4Si	027750-71-6	25
3	Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	030788-51-3	22
4	Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	069853-73-2	22
5	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	20





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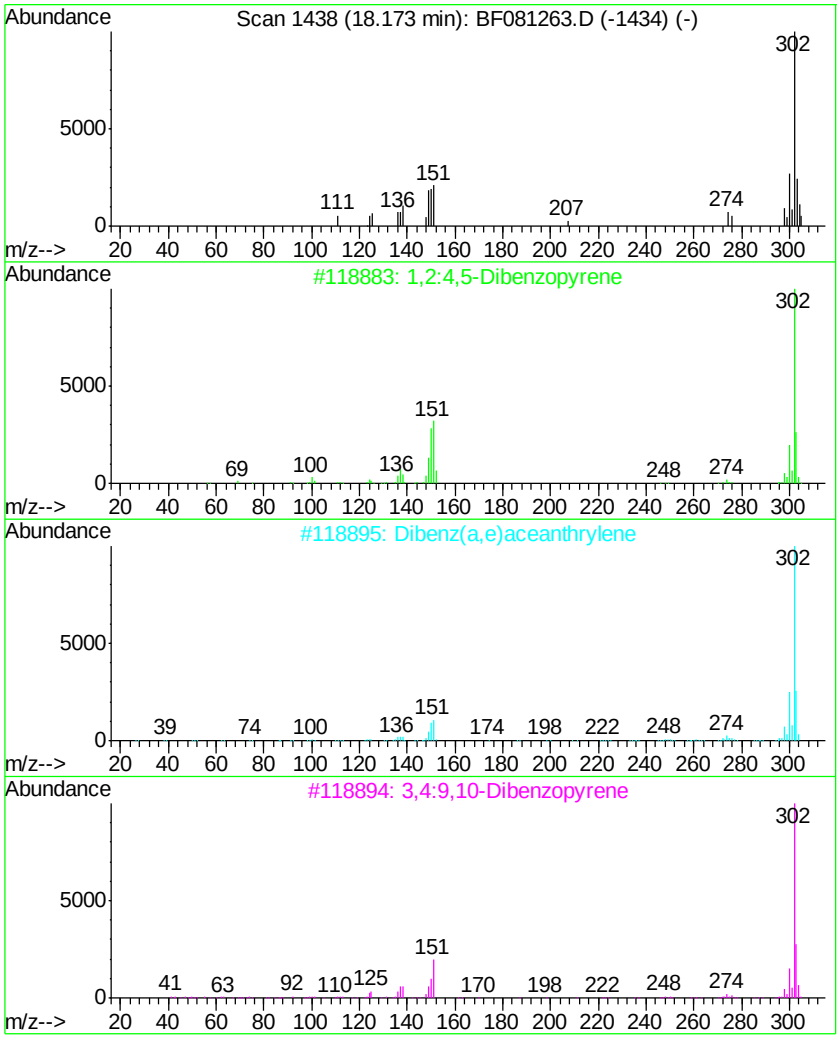
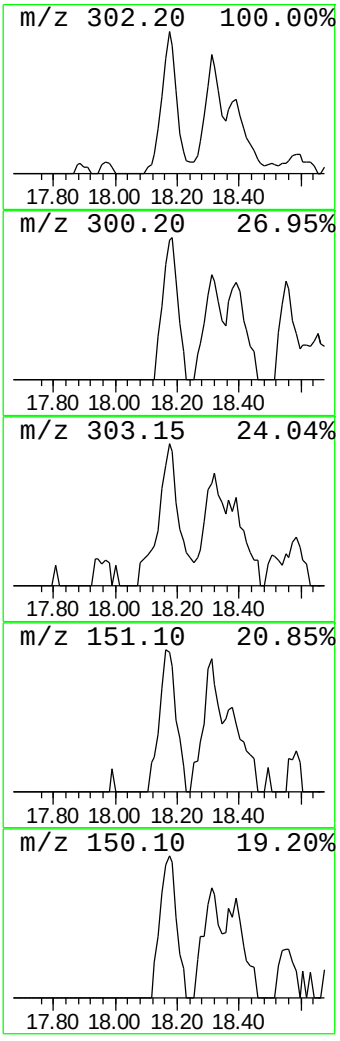
Peak Number 18 1,2:4,5-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.69 ng	66956	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	76
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	76
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68





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Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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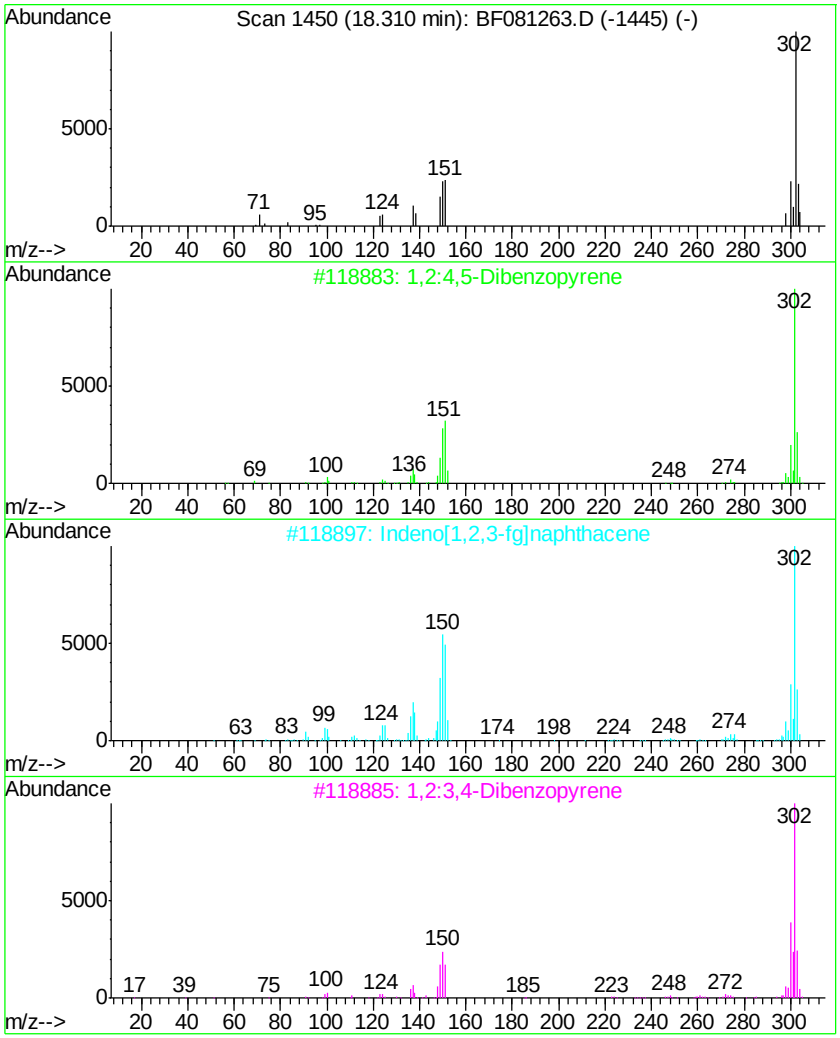
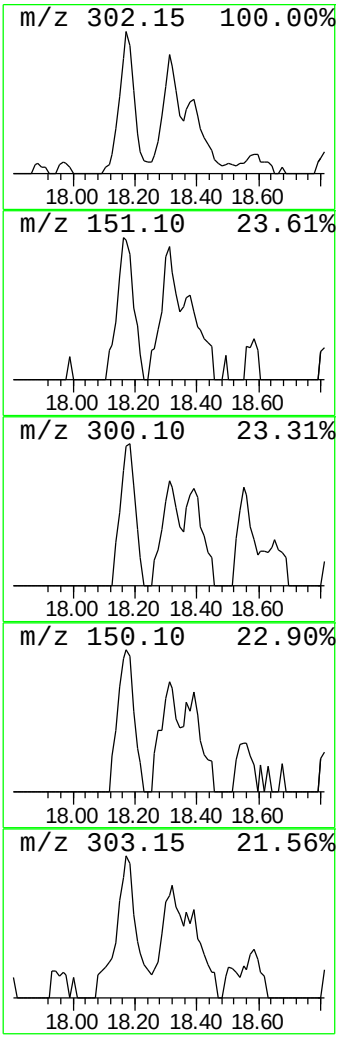
Peak Number 19 Indeno[1,2,3-fg]naphthacene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.66 ng	48319	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	72
3	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	64
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64
5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

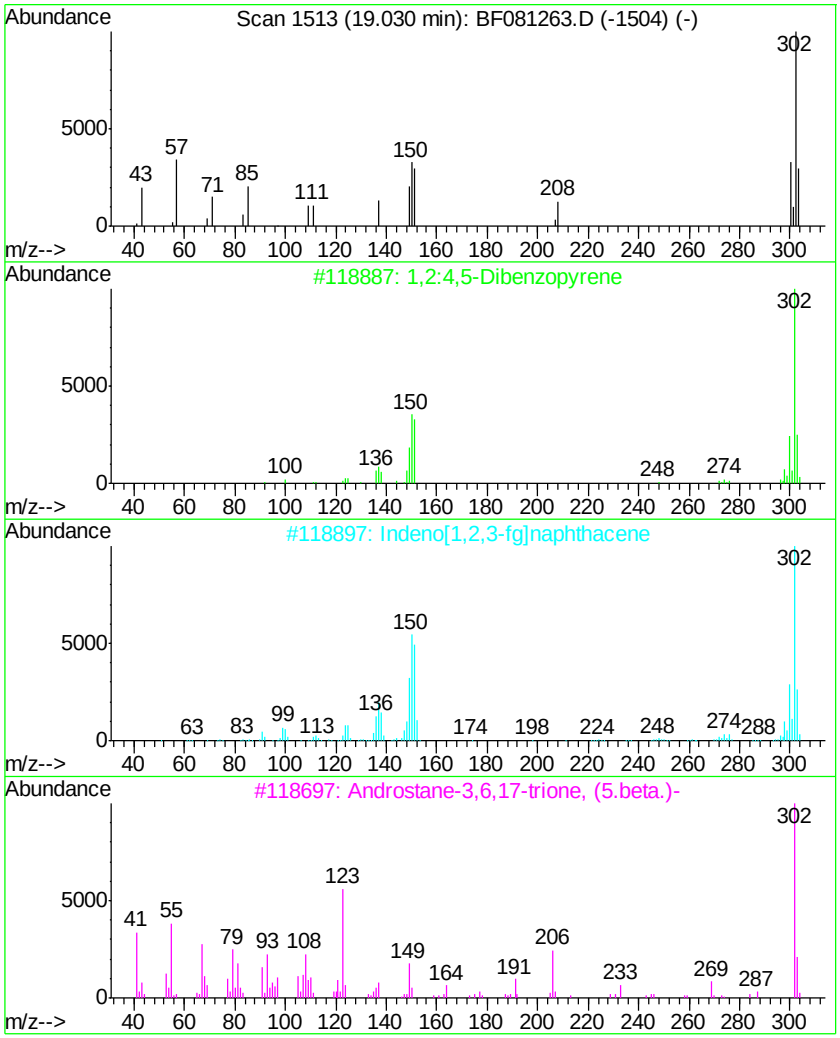
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

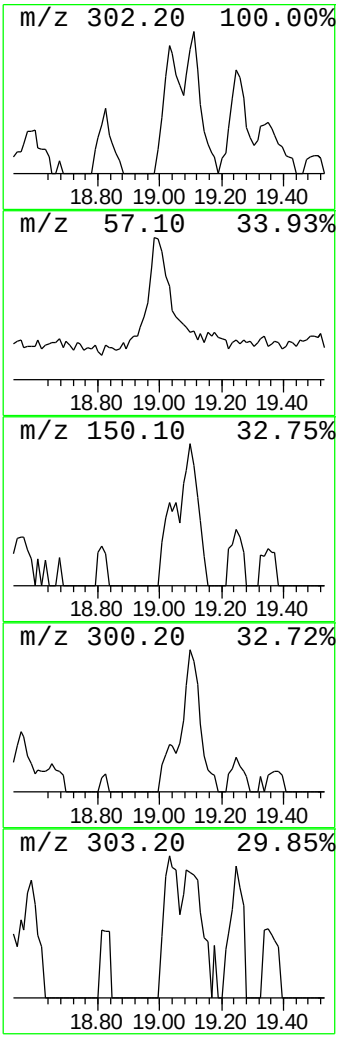
****

Peak Number 20 unknown19.03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.35 ng	60719	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	83
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	59
3	Androstane-3,6,17-trione, (5.bet...	302	C19H26O3	026991-58-2	38
4	6-Hydroxy-7-isopropyl-1,4a-dimet...	302	C20H30O2	022595-48-8	35
5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081263.D
Acq On : 28 Aug 2015 5:14
Operator : UM/IZ
Sample : G3430-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB3(3-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
unknown4.59	4.59	66.0	ng	1020610	1	6.50	309329	20.0
unknown6.27	6.27	89.9	ng	1390810	1	6.50	309329	20.0
n-Hexadecanoic acid	11.57	11.0	ng	407706	4	10.99	741474	20.0
Benzaldehyde, 3,5...	11.60	4.9	ng	182158	4	10.99	741474	20.0
Naphthalene, 2-ph...	11.80	3.3	ng	121947	4	10.99	741474	20.0
Cyclopenta(def)ph...	12.13	2.6	ng	96907	4	10.99	741474	20.0
unknown12.26	12.26	4.0	ng	147911	4	10.99	741474	20.0
Fluoranthene, 2-m...	12.76	2.6	ng	194465	5	13.61	1518420	20.0
Cyclopenta[cd]pyrene	13.41	3.3	ng	251937	5	13.61	1518420	20.0
Trichloroacetic a...	13.50	4.6	ng	346375	5	13.61	1518420	20.0
2,6,10,14,18,22-T...	14.47	13.3	ng	241191	6	14.94	363028	20.0
Perylene	14.84	12.2	ng	221318	6	14.94	363028	20.0
1-Eicosene	15.40	5.4	ng	98829	6	14.94	363028	20.0
unknown15.83	15.83	3.8	ng	68466	6	14.94	363028	20.0
1,2:4,5-Dibenzopy...	18.17	3.7	ng	66956	6	14.94	363028	20.0
Indeno[1,2,3-fg]n...	18.31	2.7	ng	48319	6	14.94	363028	20.0
unknown19.03	19.03	3.4	ng	60719	6	14.94	363028	20.0