LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

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-BF120815.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	3.550	161	163	176	rBV	469756	1141722	23.62%	1.707%
2	3.996	199	202	233	rBV	1927521	4539557	93.91%	6.788%
3	4.784	267	271	284	rBV	29755	142027	2.94%	0.212%
4	5.138	300	302	312	rBV	37397	147679	3.06%	0.221%
5	5.276	312	314	322	rVV	2917647	4363943	90.28%	6.525%
6	5.401	322	325	348	rVV	3158493	4833831	100.00%	7.228%
7	5.699	348	351	364	rVB	715389	1004722	20.79%	1.502%
8	5.916	367	370	382	rVB	2411548	3304434	68.36%	4.941%
9	6.533	421	424	438	rBV	1597977	2823186	58.40%	4.221%
10	7.596	514	517	530	rBV	953091	1306551	27.03%	1.954%
11	9.013	636	641	646	rBV5	20770	90879	1.88%	0.136%
12	9.150	651	653	658	rVB	48510	76087	1.57%	0.114%
13	9.345	666	670	678	rVB	2607408	4201610	86.92%	6.282%
14	10.030	727	730	735	rVV	523202	779788	16.13%	1.166%
15	10.168	739	742	744	rBV	49233	71947	1.49%	0.108%
16	10.385	758	761	764	rBV	936873	1461003	30.22%	2.184%
17	10.430	764	765	770	rVB	111346	176507	3.65%	0.264%
18	10.739	790	792	794	rBV	39028	63812	1.32%	0.095%
19	10.933	806	809	811	rVV2	44961	69175	1.43%	0.103%
20	11.219	831	834	837	rBV	177986	245861	5.09%	0.368%
21	11.276	837	839	843	rBV	117314	171582	3.55%	0.257%
22	11.573	861	865	868	rBV2	57890	167200	3.46%	0.250%
23	11.676	871	874	880	rVV	1432944	2365155	48.93%	3.536%
24	11.996	898	902	906	rBV	187015	344679	7.13%	0.515%
25	12.065	906	908	911	rVV2	39738	60496	1.25%	0.090%
26	12.179	915	918	924	rVB3	34568	106555	2.20%	0.159%
27	12.305	924	929	931	rBV4	39732	76555	1.58%	0.114%
28	12.408	936	938	941	rBV2	54068	109633	2.27%	0.164%
29	12.511	945	947	950	rVV	53353	88808	1.84%	0.133%
30	12.614	954	956	960	rVB	68577	103166	2.13%	0.154%
31	12.728	963	966	968	rBV	83128	99794	2.06%	0.149%
32	12.774	968	970	972	rVV	707136	1098441	22.72%	1.642%
33	12.819	972	974	978	rVV	1294053	1824658	37.75%	2.728%
34	12.911	978	982	987	rVV	280021	659012	13.63%	0.985%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

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-BF120815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.014	989	991	996	rVB3	33466	79382	1.64%	0.119%
36	13.219	1007	1009	1013	rVV	100527	172920	3.58%	0.259%
37	13.608	1041	1043	1045	rVV	155837	219553	4.54%	0.328%
38	13.654	1045	1047	1050	rVV	147607	234887	4.86%	0.351%
39	13.711	1050	1052	1053	rVV2	58143	95997	1.99%	0.144%
40	13.768	1053	1057	1060	rVV2	254535	536438	11.10%	0.802%
41	13.825	1060	1062	1071	rVV	378824	746485	15.44%	1.116%
42	14.111	1084	1087	1091	rVV	116509	211222	4.37%	0.316%
43	14.179	1091	1093	1100	rVV3	75331	209875	4.34%	0.314%
44	14.339	1105	1107	1110	rBV3	32902	63467	1.31%	0.095%
45	14.442	1114	1116	1118	rVB	50314	68325	1.41%	0.102%
46	14.522	1120	1123	1124	rBV	54229	102561	2.12%	0.153%
47	14.545	1124	1125	1129	rVB3	77867	158888	3.29%	0.238%
48	14.659	1132	1135	1139	rVB2	95638	164370	3.40%	0.246%
49	14.739	1139	1142	1146	rBV	1689583	2776788	57.44%	4.152%
50	14.899	1151	1156	1160	rVB5	77670	206726	4.28%	0.309%
51	14.991	1160	1164	1167	rBV3	73832	220624	4.56%	0.330%
52	15.059	1167	1170	1171	rVV2	75146	126860	2.62%	0.190%
53	15.105	1171	1174	1178	rVV	1813581	2994407	61.95%	4.477%
54	15.162	1178	1179	1181	rVV2	45945	59123	1.22%	0.088%
55	15.220	1182	1184	1190	rVB3	59672	128259	2.65%	0.192%
56	15.345	1192	1195	1197	rBV	77396	134919	2.79%	0.202%
57	15.402	1197	1200	1204	rVB	1788969	2525567	52.25%	3.776%
58	15.494	1204	1208	1212	rBV2	78906	213108	4.41%	0.319%
59	15.631	1217	1220	1222	rBV	76413	168002	3.48%	0.251%
60	15.677	1222	1224	1228	rVB2	172088	307063	6.35%	0.459%
61	15.780	1228	1233	1235	rBV	133809	238139	4.93%	0.356%
62	15.837	1235	1238	1243	rVV2	132952	357454	7.39%	0.534%
63	15.974	1248	1250	1253	rVB	53966	65631	1.36%	0.098%
64	16.031	1253	1255	1257	rBV2	36320	59595	1.23%	0.089%
65	16.237	1268	1273	1275	rVB2	221585	385804	7.98%	0.577%
66	16.294	1275	1278	1280	rBV3	48988	103978	2.15%	0.155%
67	16.420	1287	1289	1291	rBV	46795	65177	1.35%	0.097%
68	16.500	1293	1296	1304	rVB2	131912	386489	8.00%	0.578%
69	16.637	1305	1308	1309	rBV	121919	144512	2.99%	0.216%
70	16.671	1309	1311	1312	rVV	174814	207687	4.30%	0.311%
71	16.705	1312	1314	1316	rVV	95590	141101	2.92%	0.211%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

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-BF120815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.751	1316	1318	1321	rVB	120212	162097	3.35%	0.242%
73	16.820	1321	1324	1328	rBV2	136386	230433	4.77%	0.345%
74	16.923	1330	1333	1335	rVV2	209353	409951	8.48%	0.613%
75	16.980	1335	1338	1340	rVV2	1249117	2138413	44.24%	3.197%
76	17.025	1340	1342	1345	rVV2	766933	1257254	26.01%	1.880%
77	17.083	1345	1347	1349	rVV	816017	1224523	25.33%	1.831%
78	17.128	1349	1351	1353	rVB	146269	215120	4.45%	0.322%
79	17.231	1358	1360	1363	rVV2	53803	112481	2.33%	0.168%
80	17.300	1363	1366	1368	rVV2	93536	182737	3.78%	0.273%
81	17.345	1368	1370	1373	rVB2	130822	193860	4.01%	0.290%
82	17.528	1383	1386	1388	rBV	107220	143205	2.96%	0.214%
83	17.563	1388	1389	1391	rVB	92667	86415	1.79%	0.129%
84	17.631	1391	1395	1397	rBV4	81208	195610	4.05%	0.292%
85	17.951	1421	1423	1425	rVB3	48243	57478	1.19%	0.086%
86	18.123	1435	1438	1444	rBV3	58184	175448	3.63%	0.262%
87	18.214	1444	1446	1448	rBV	120435	208550	4.31%	0.312%
88	18.248	1448	1449	1455	rVB	930235	1905902	39.43%	2.850%
89	18.363	1458	1459	1461	rBV	147335	173880	3.60%	0.260%
90	18.397	1461	1462	1466	rVV3	101833	227924	4.72%	0.341%
91	18.523	1471	1473	1475	rBV	614524	624974	12.93%	0.934%
92	18.580	1475	1478	1481	rBV	709905	911514	18.86%	1.363%
93	18.637	1481	1483	1484	rBV	413716	618104	12.79%	0.924%
94	19.071	1519	1521	1523	rBV	123609	190438	3.94%	0.285%
95	19.586	1564	1566	1569	rBV	46395	77417	1.60%	0.116%
96	19.883	1589	1592	1597	rBV	266182	654251	13.53%	0.978%
97	20.031	1603	1605	1607	rBV	51763	85755	1.77%	0.128%
98	20.237	1620	1623	1631	rBV	224741	716490	14.82%	1.071%
99	21.060	1692	1695	1703	rVB5	67730	230030	4.76%	0.344%
100	21.814	1757	1761	1768	rVB4	82226	268817	5.56%	0.402%

Sum of corrected areas: 66880509

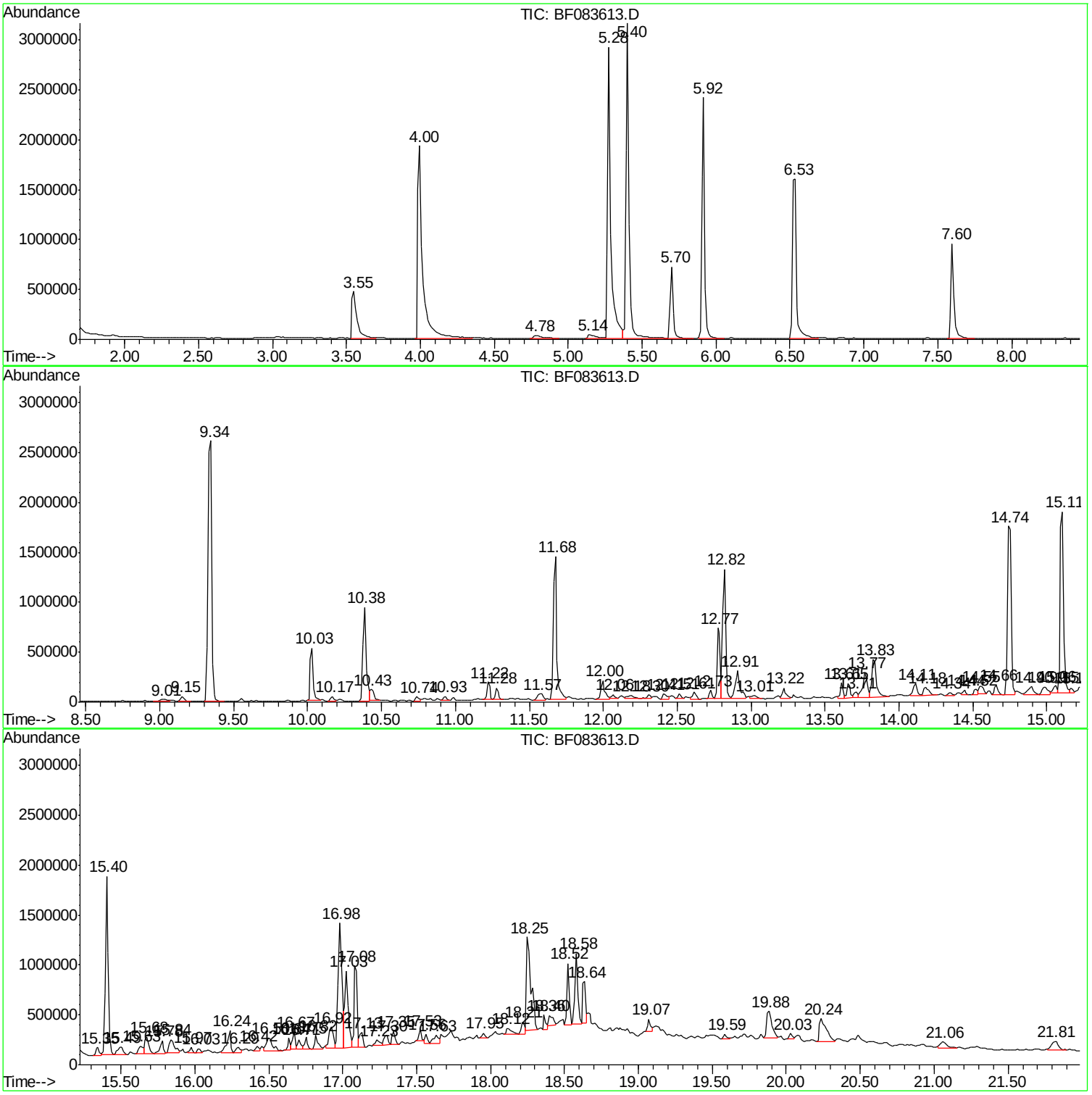
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

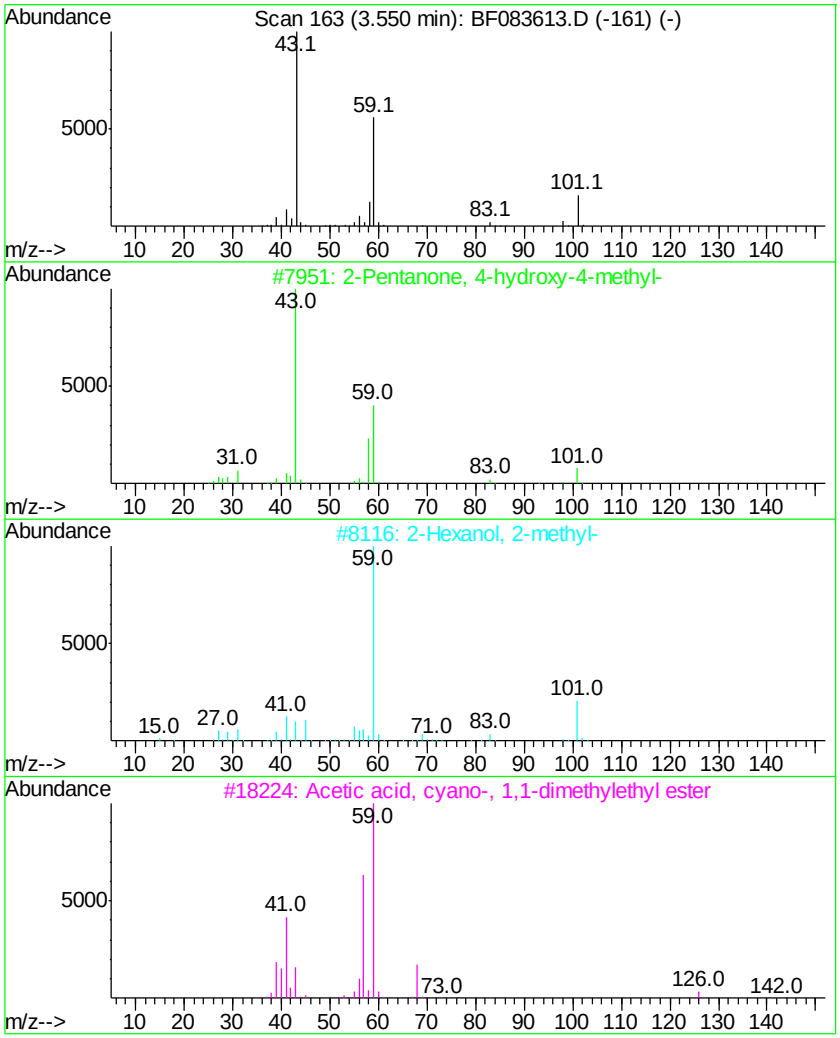
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

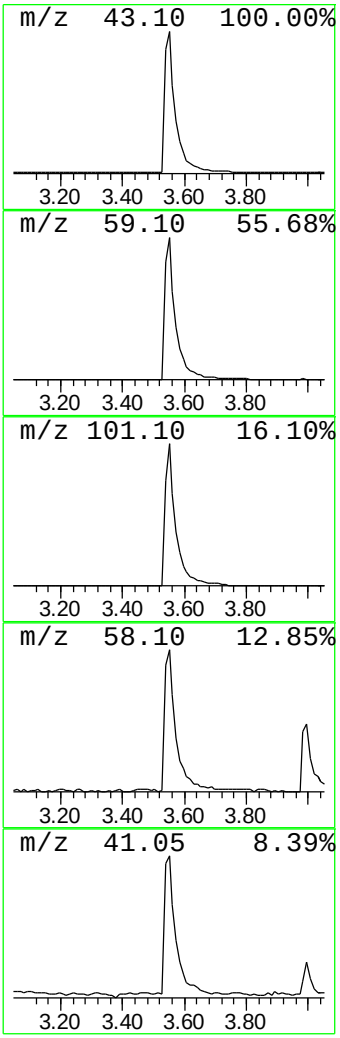
****

Peak Number 1 unknown3.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	22.73 ng	1141720	1,4-Dichlorobenzene-d4	5.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

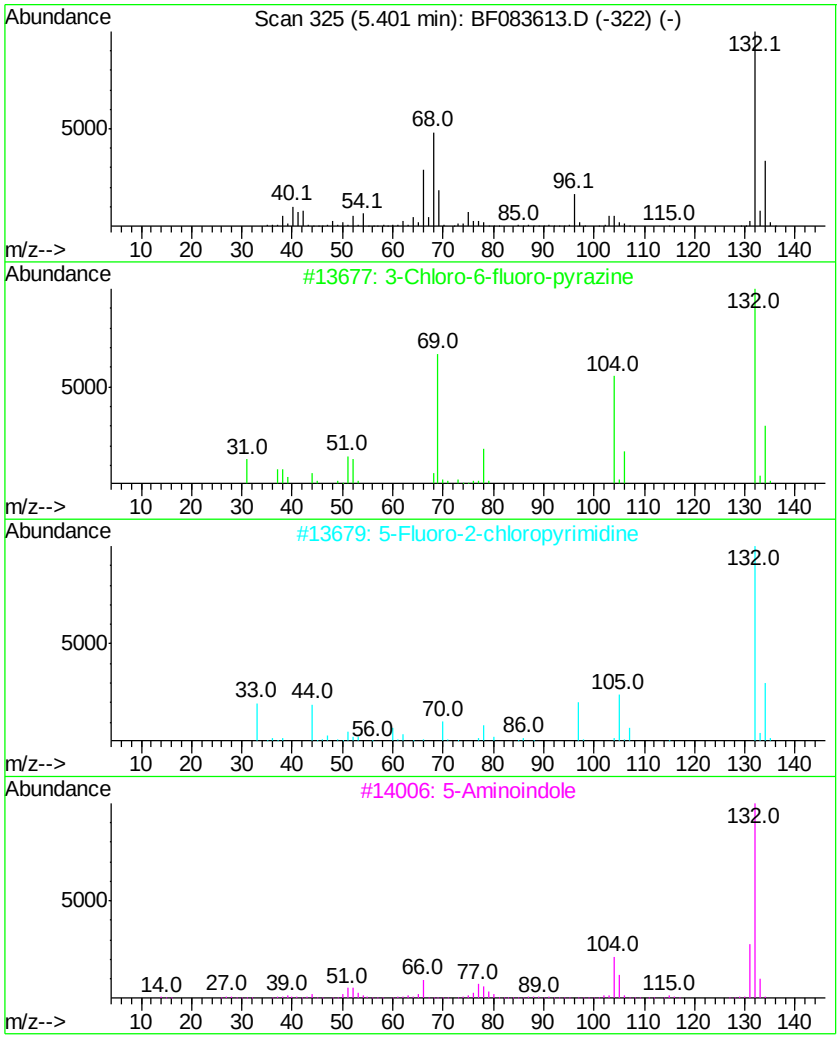
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

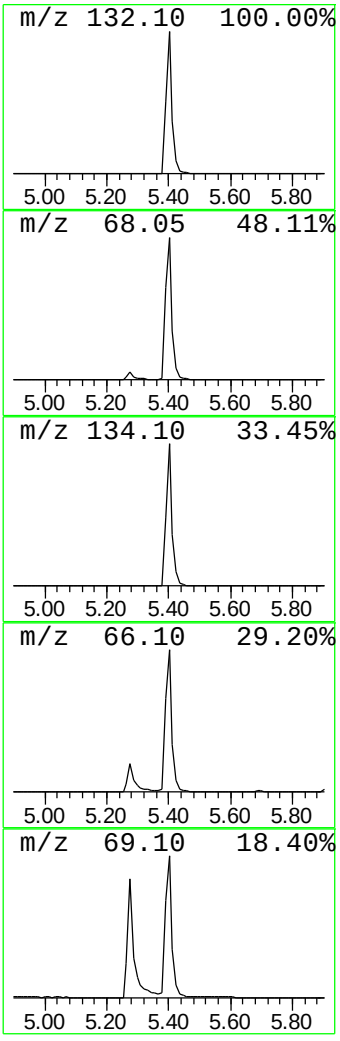
****

Peak Number 2 unknown5.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	96.22 ng	4833830	1,4-Dichlorobenzene-d4	5.70

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

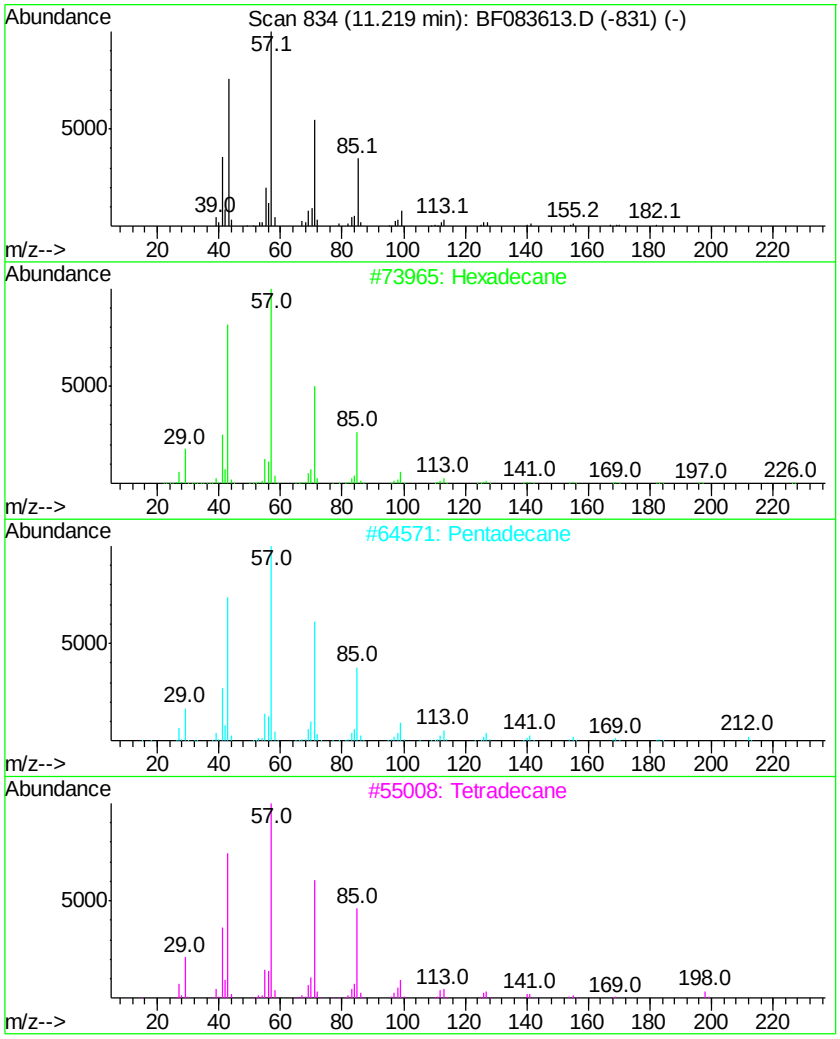
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

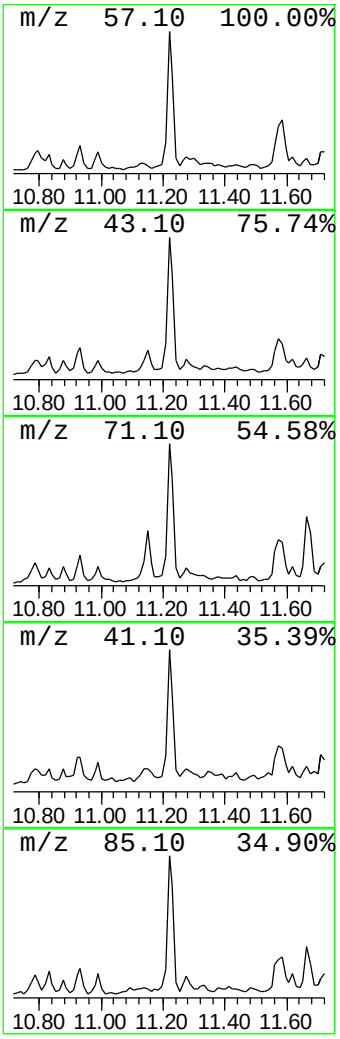
****

Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.37 ng	245861	Acenaphthene-d10	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
5	Undecane	156	C11H24	001120-21-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

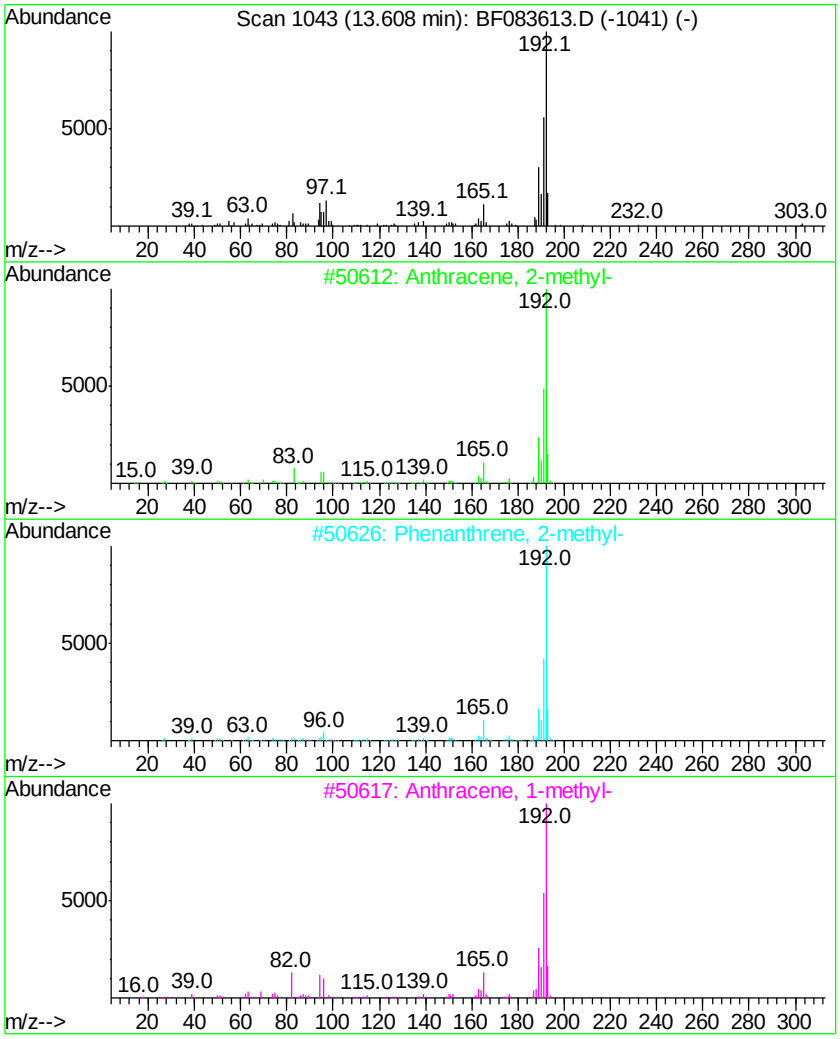
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

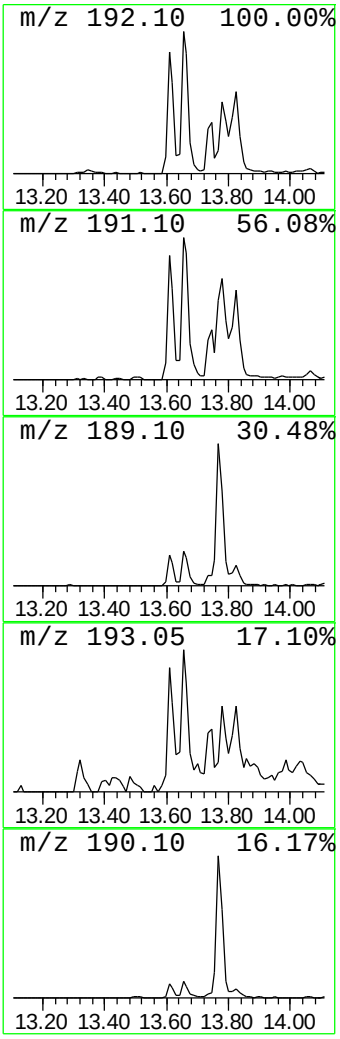
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.00 ng	219553	Phenanthrene-d10	12.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

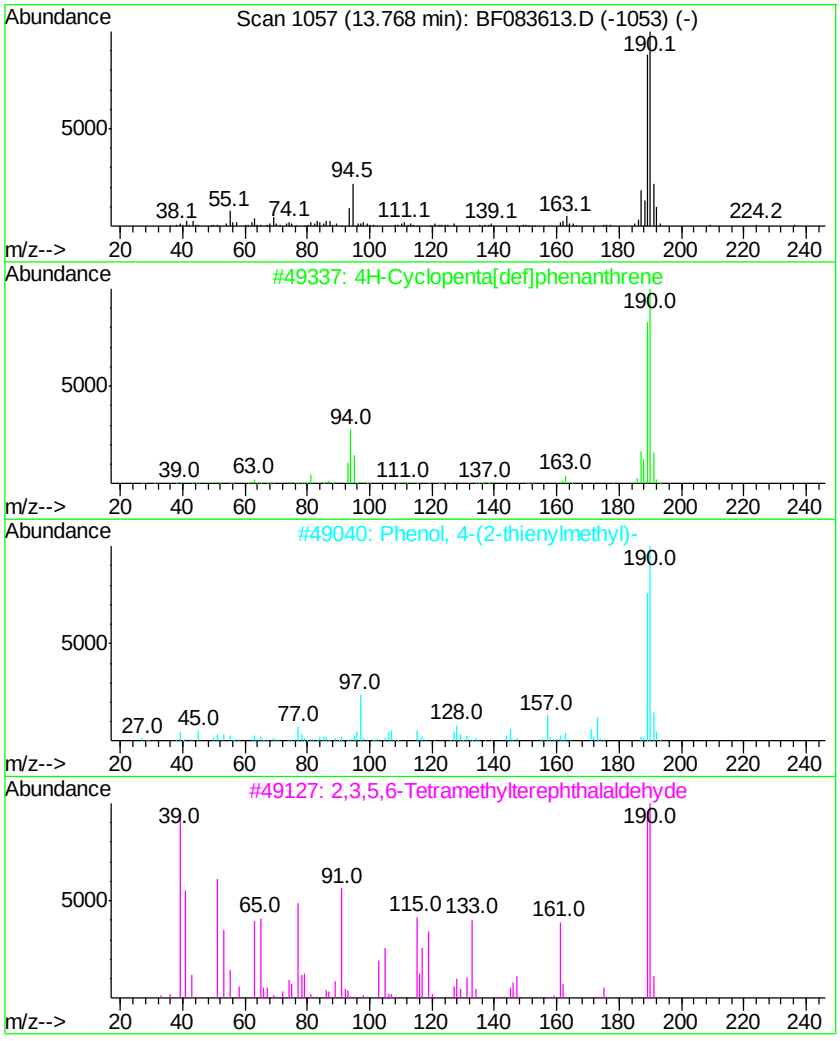
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

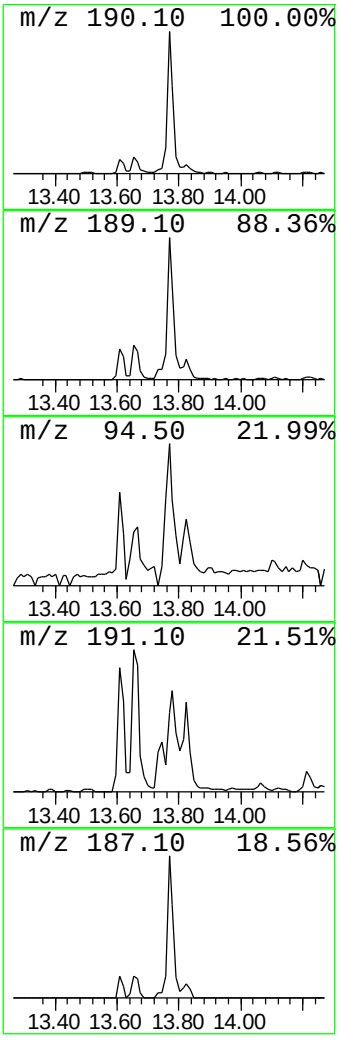
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.77 ng	536438	Phenanthrene-d10	12.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

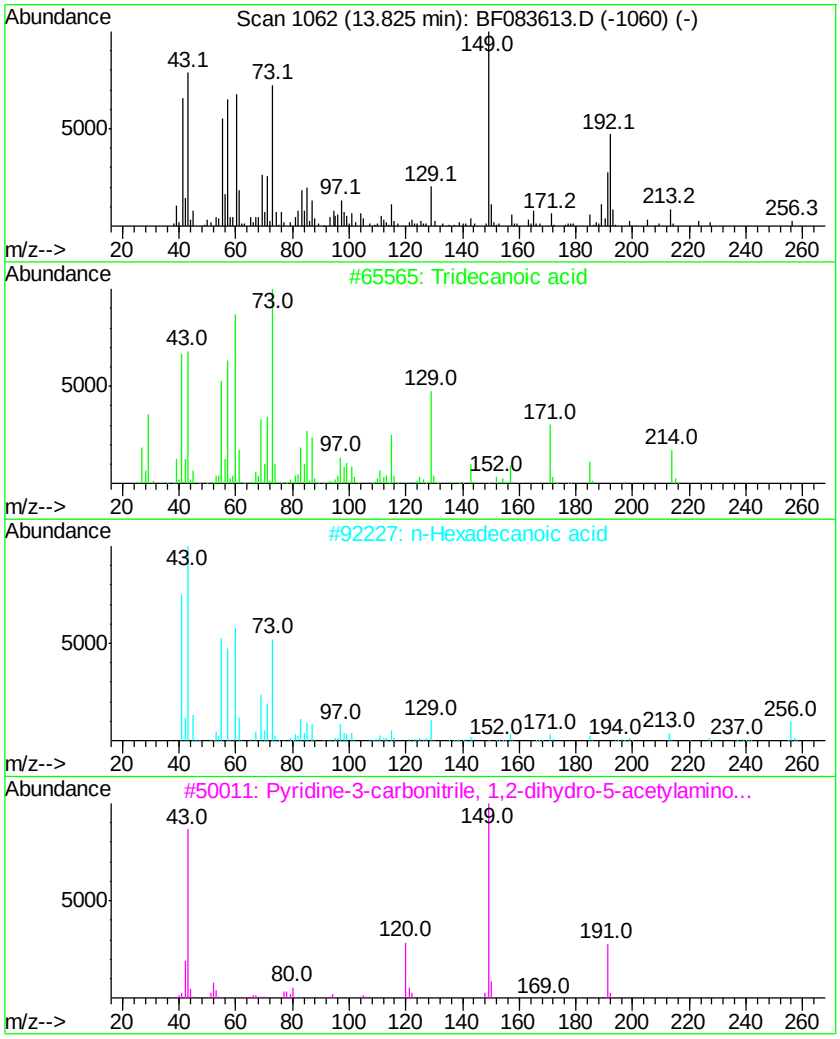
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

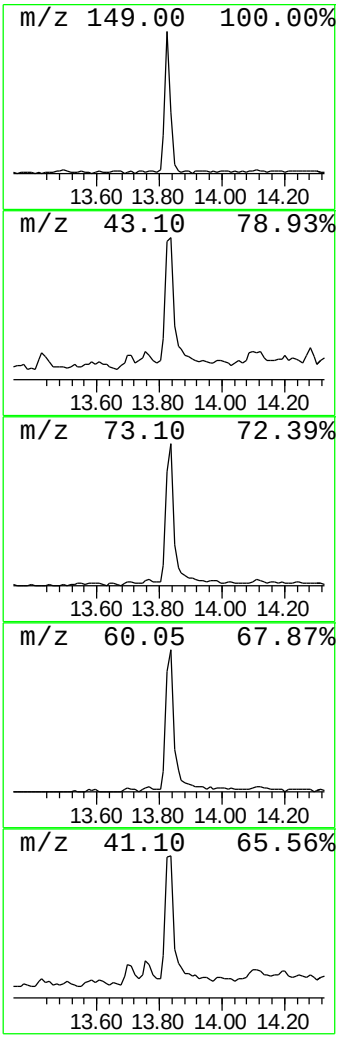
****

Peak Number 9 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	13.59 ng	746485	Phenanthrene-d10	12.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	78
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	35
5	2,4,7-Trioxabicyclo[4.4.0]dec-9-...	374	C23H34O4	1000161-14-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
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Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

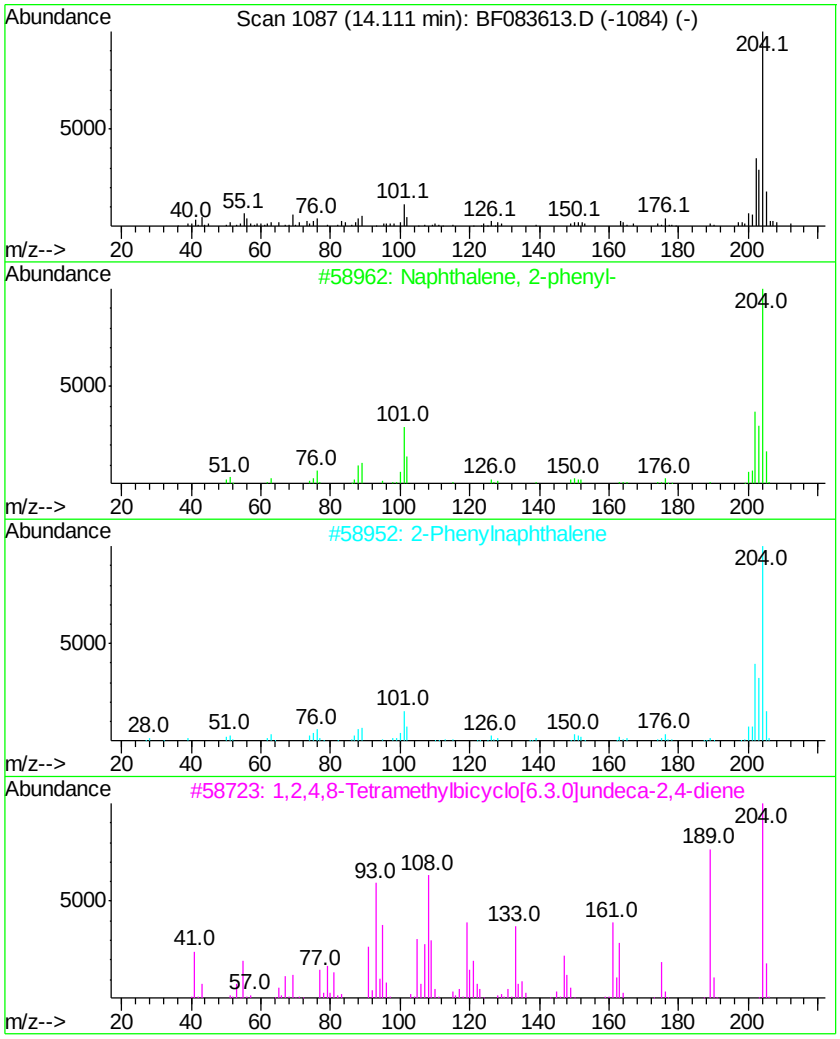
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

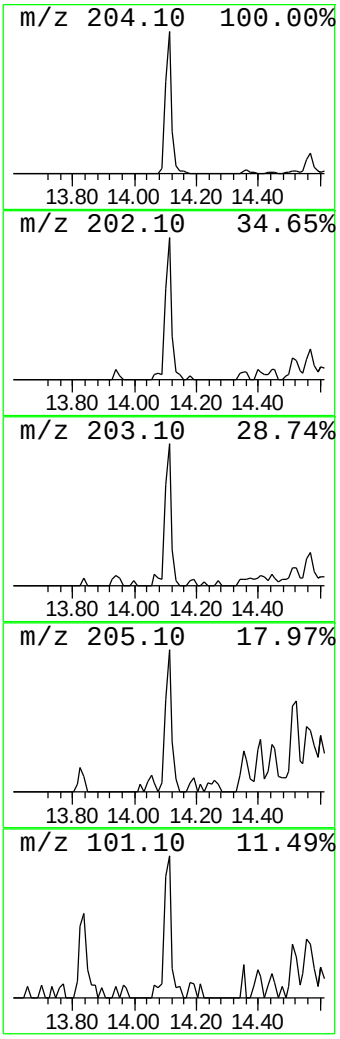
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	3.85 ng	211222	Phenanthrene-d10	12.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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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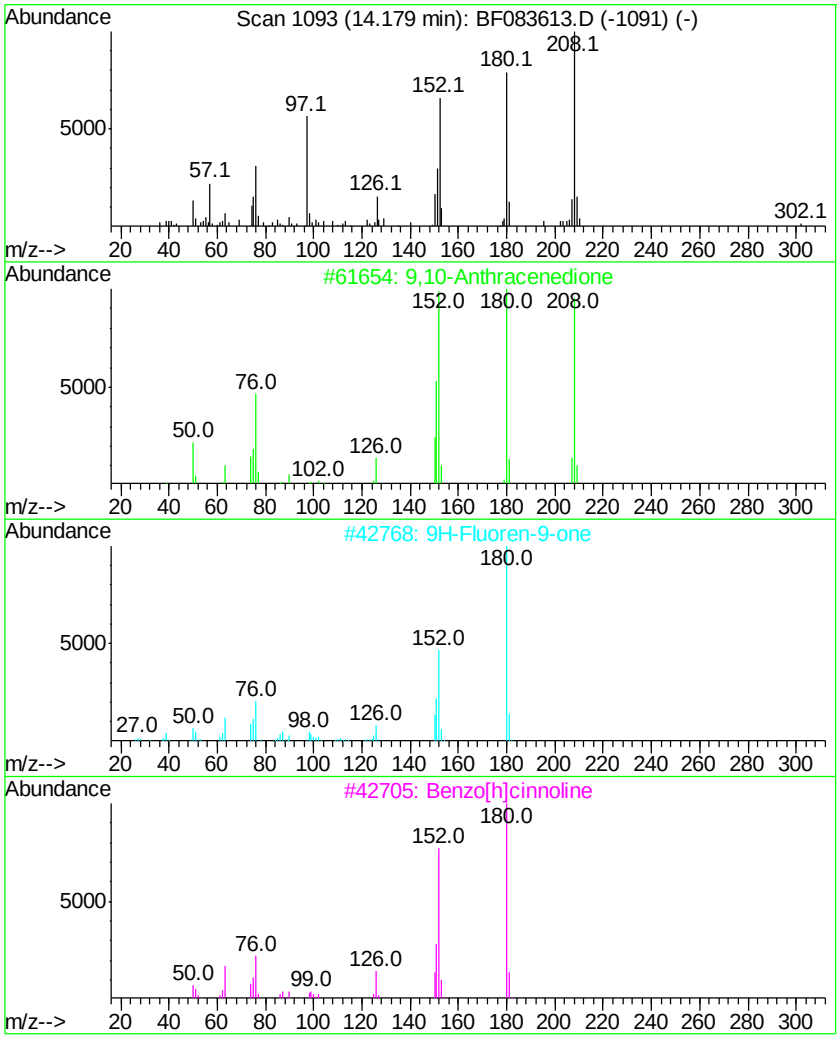
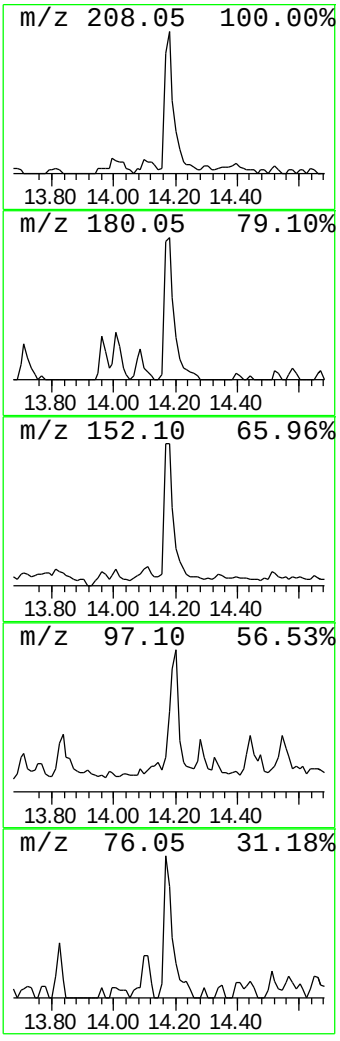
Peak Number 11 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.82 ng	209875	Phenanthrene-d10	12.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	45
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	45





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Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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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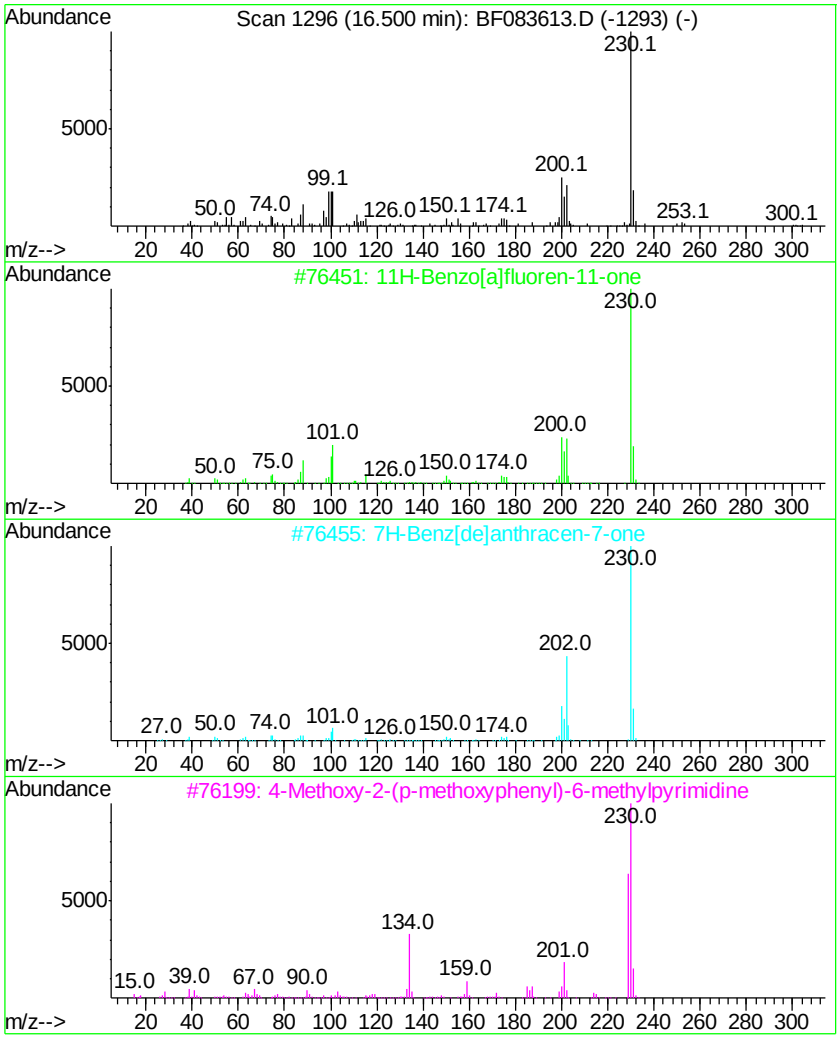
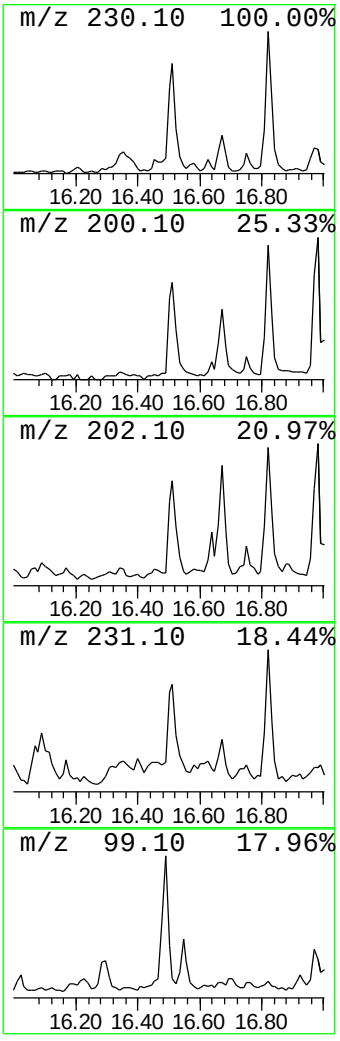
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.61 ng	386489	Chrysene-d12	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	47
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	45
5	2-Hexanone, phenyl(2-propenyl)hy...	230	C15H22N2	110213-03-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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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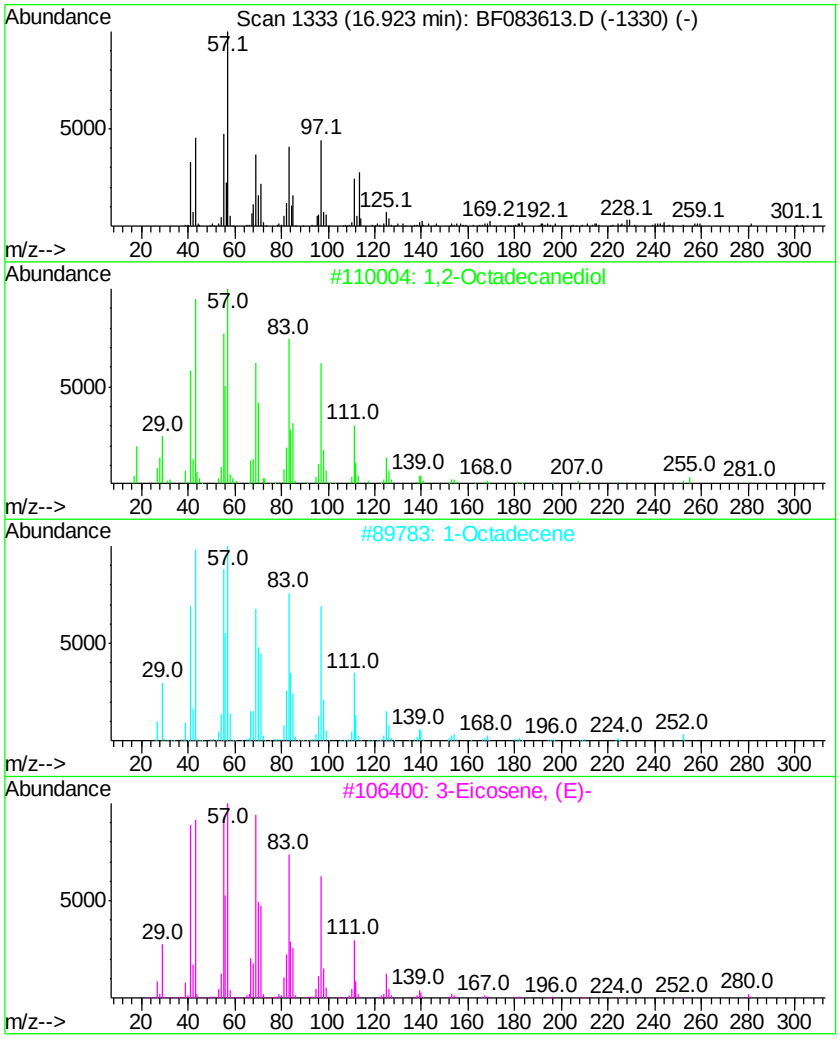
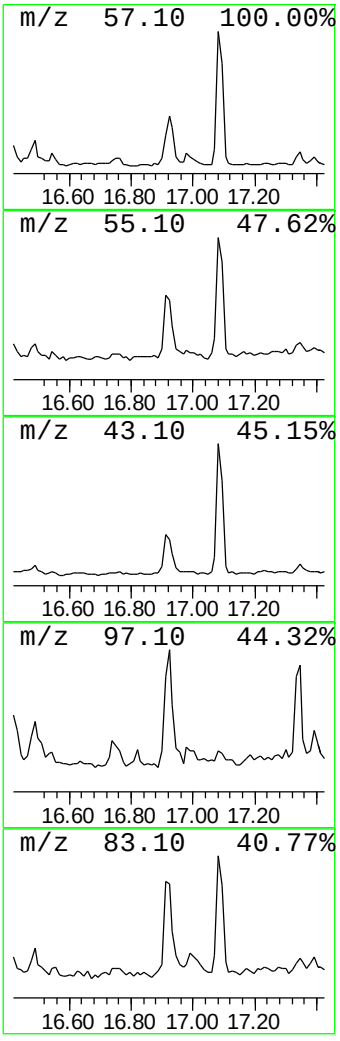
Peak Number 13 unknown16.92 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.83 ng	409951	Chrysene-d12	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Octadecanediol	286	C18H38O2	020294-76-2	49
2	1-Octadecene	252	C18H36	000112-88-9	46
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	46
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	46
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	43





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Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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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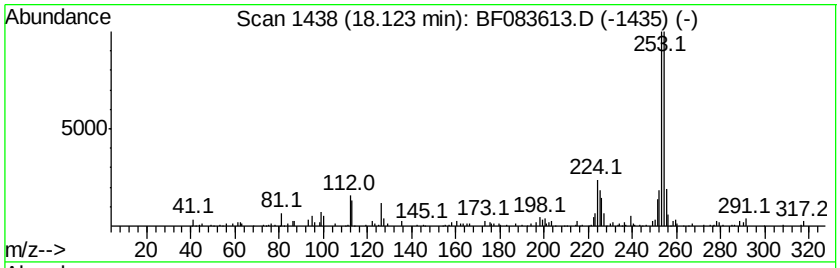
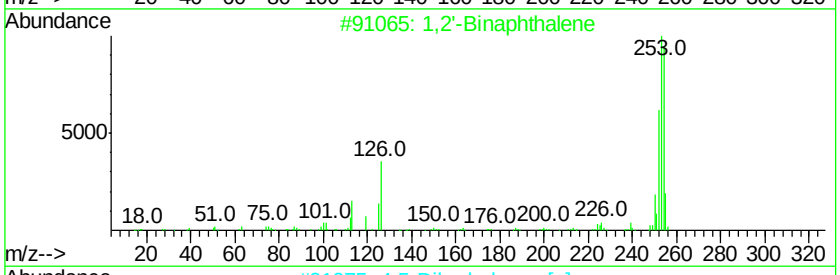
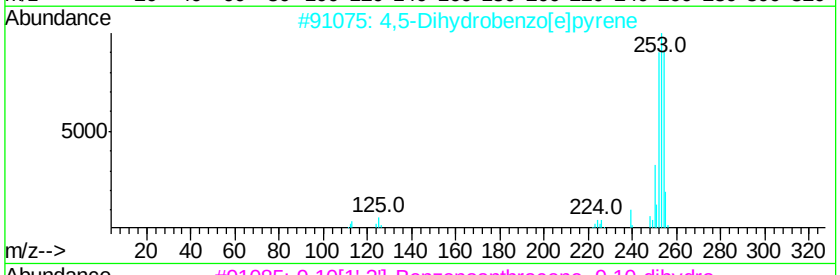
Peak Number 14 1,2'-Binaphthalene Concentration Rank 12

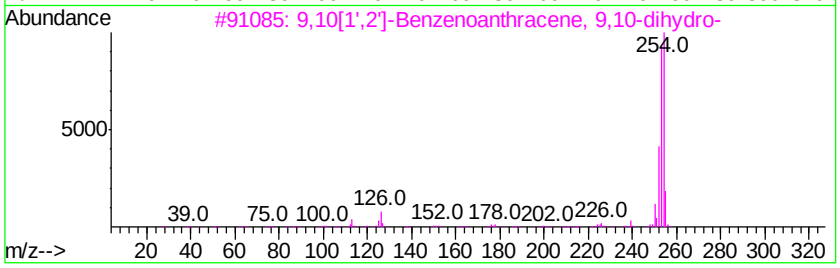
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	5.68 ng	175448	Perylene-d12	18.64

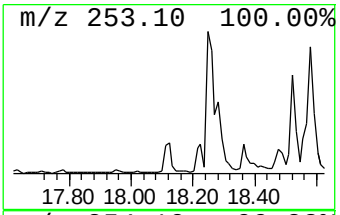
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	81
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	64

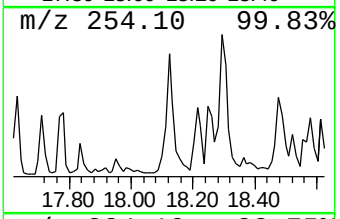


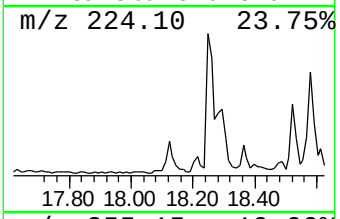


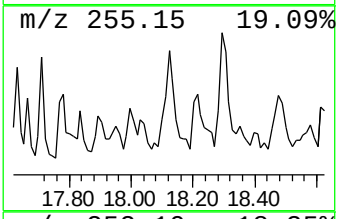


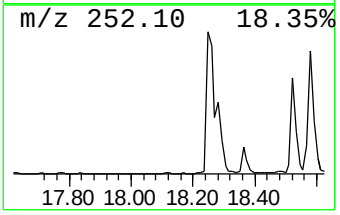












Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

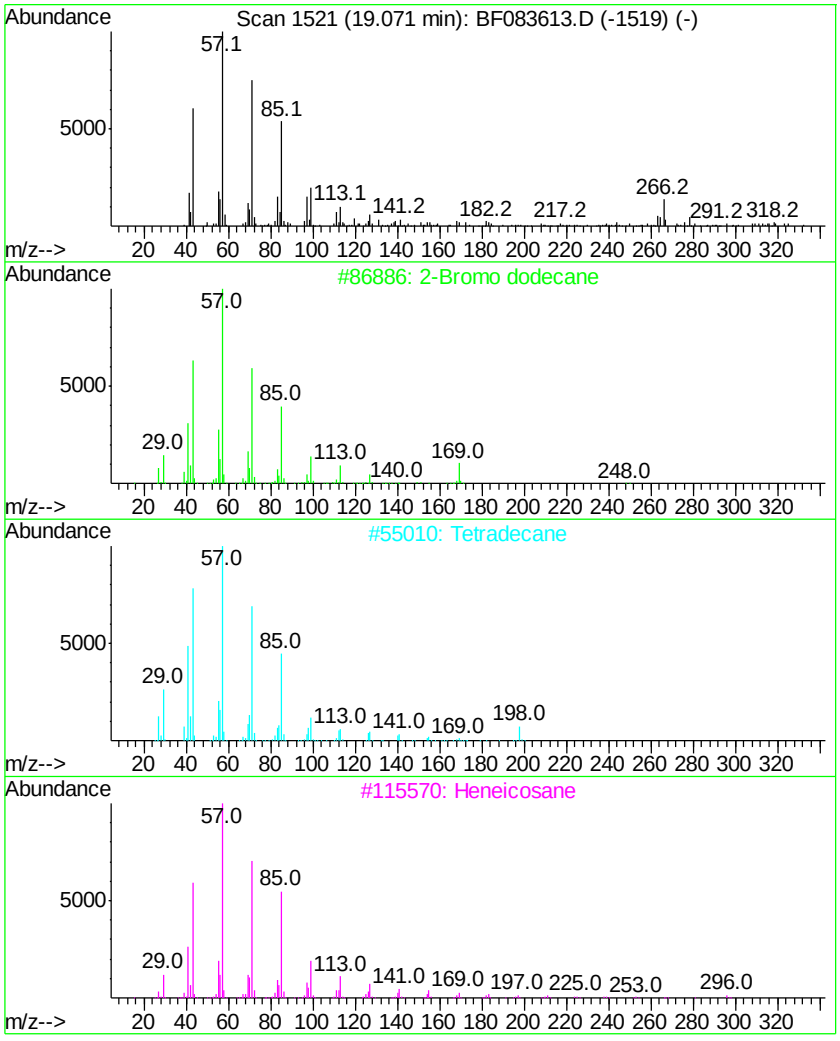
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

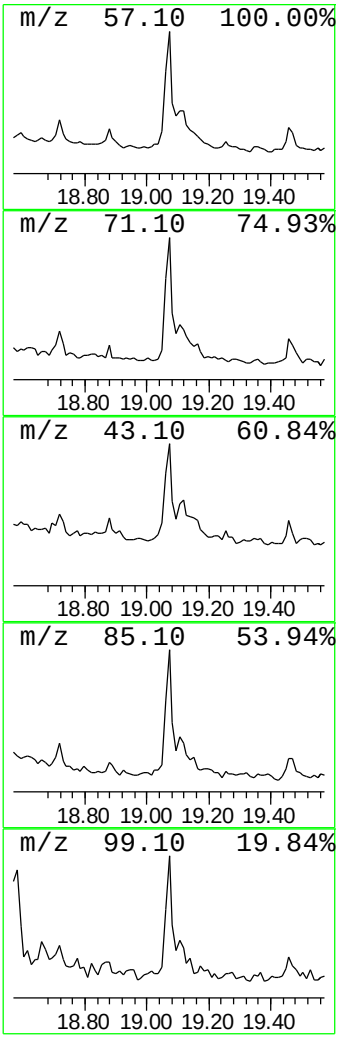
****

Peak Number 18 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	6.16 ng	190438	Perylene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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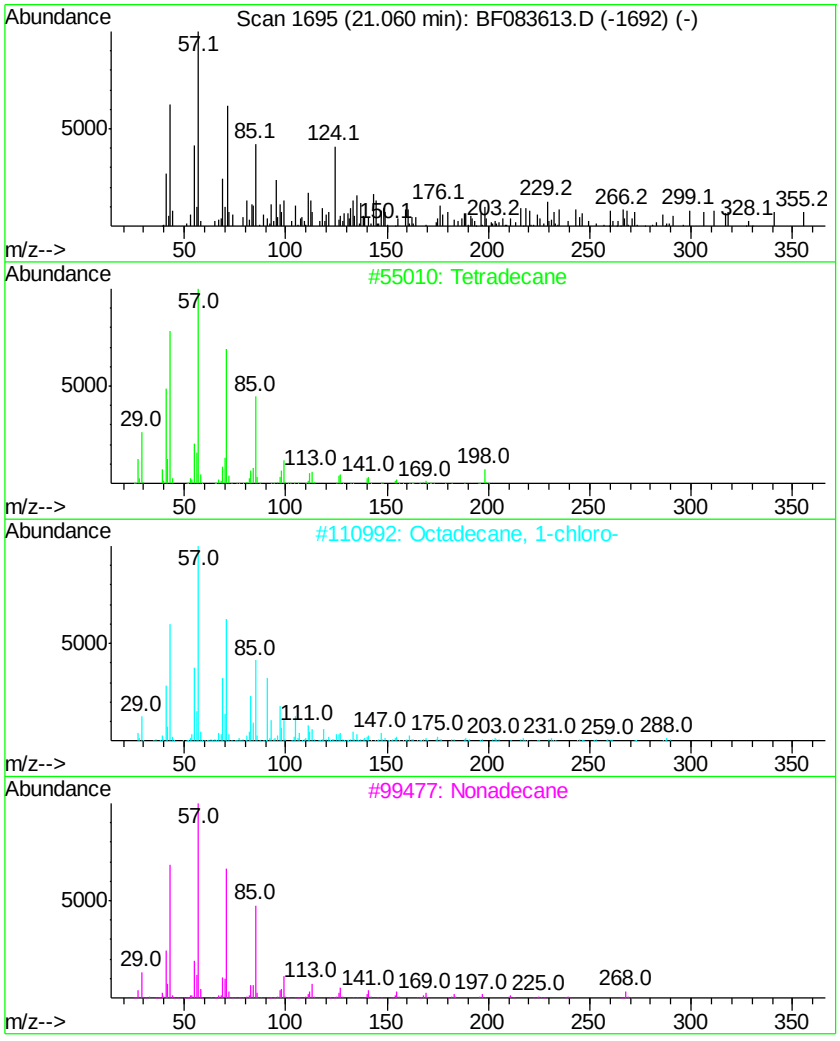
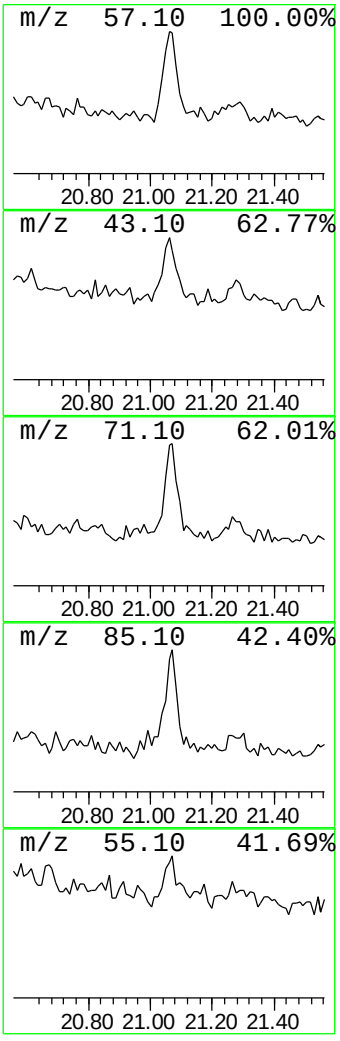
Peak Number 19 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	7.44 ng	230030	Perylene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3	Nonadecane	268	C19H40	000629-92-5	46
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
5	Tetratriacontane	479	C34H70	014167-59-0	41





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Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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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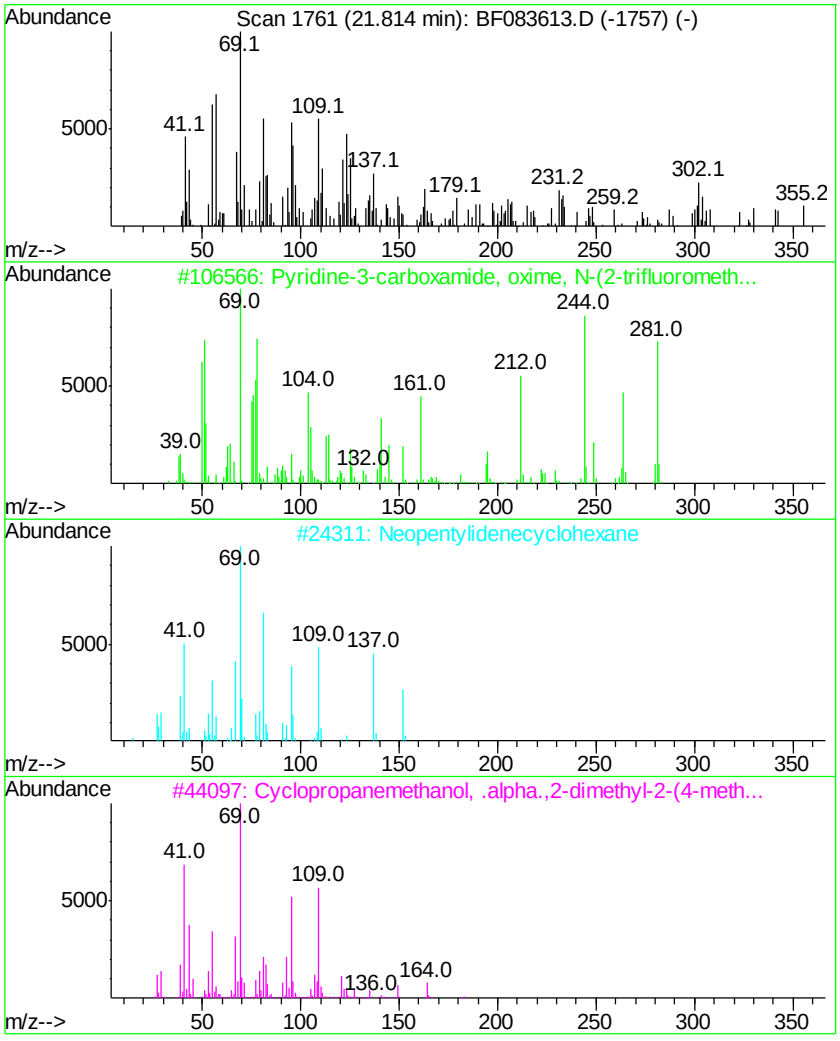
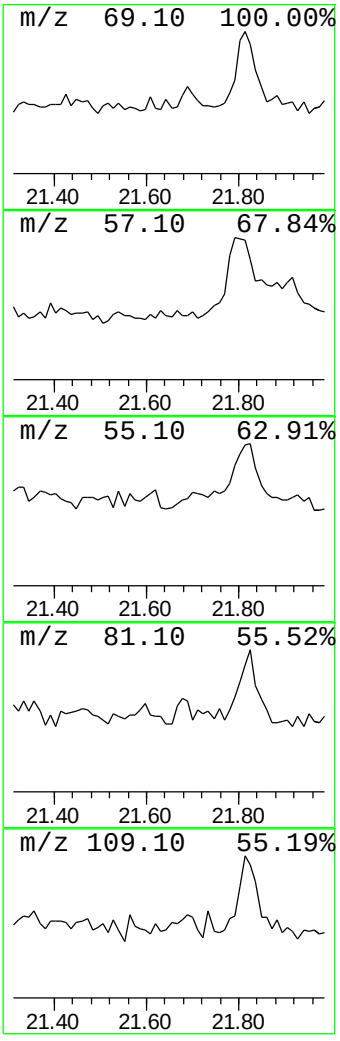
Peak Number 20 Pyridine-3-carboxamide, oxi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	8.70 ng	268817	Perylene-d12	18.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	53
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	46
3	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	43
4	Pregnan-3-one, (5.alpha.)-	302	C21H34O	014778-11-1	42
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	42





Tentatively Identified Compound (LSC) summary

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Data File : BF083613.D
Acq On : 9 Dec 2015 00:20
Operator : UM/IZ
Sample : G4637-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.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
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unknown5.40	5.40	96.2	ng	4833830	1	5.70	1004720	20.0
Hexadecane	11.22	3.4	ng	245861	3	10.38	1461000	20.0
Anthracene, 2-met...	13.61	4.0	ng	219553	4	12.79	1098440	20.0
4H-Cyclopenta[def...	13.77	9.8	ng	536438	4	12.79	1098440	20.0
Tridecanoic acid	13.83	13.6	ng	746485	4	12.79	1098440	20.0
Naphthalene, 2-ph...	14.11	3.9	ng	211222	4	12.79	1098440	20.0
9,10-Anthracenedione	14.18	3.8	ng	209875	4	12.79	1098440	20.0
11H-Benzo[a]fluor...	16.50	3.6	ng	386489	5	16.99	2138410	20.0
unknown16.92	16.92	3.8	ng	409951	5	16.99	2138410	20.0
1,2'-Binaphthalene	18.12	5.7	ng	175448	6	18.64	618104	20.0
2-Bromo dodecane	19.07	6.2	ng	190438	6	18.64	618104	20.0
Tetradecane	21.06	7.4	ng	230030	6	18.64	618104	20.0
Pyridine-3-carbox...	21.81	8.7	ng	268817	6	18.64	618104	20.0