LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083614.D
Acq On : 9 Dec 2015 00:50
Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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	3.538	160	162	179	rBV	572276	1152093	24.14%	1.515%
2	3.984	199	201	225	rBV	2634931	4500172	94.30%	5.916%
3	5.276	311	314	322	rBV	3074168	4772291	100.00%	6.274%
4	5.402	322	325	332	rVB	3191982	4746589	99.46%	6.240%
5	5.699	348	351	357	rBV	683688	1031178	21.61%	1.356%
6	5.916	367	370	378	rVB	2203805	3417763	71.62%	4.493%
7	6.522	421	423	437	rBV	1905804	3041713	63.74%	3.999%
8	7.596	514	517	528	rVB	980753	1427010	29.90%	1.876%
9	9.150	650	653	656	rBV	54533	82055	1.72%	0.108%
10	9.333	666	669	679	rVB	2753846	4702145	98.53%	6.182%
11	10.019	727	729	735	rBV	547738	875315	18.34%	1.151%
12	10.168	739	742	744	rBV	48459	85468	1.79%	0.112%
13	10.385	758	761	764	rBV2	973041	1659361	34.77%	2.182%
14	10.431	764	765	770	rVB	269503	326468	6.84%	0.429%
15	10.728	789	791	794	rBV	99429	151199	3.17%	0.199%
16	10.933	806	809	811	rVV	50204	85484	1.79%	0.112%
17	11.219	831	834	837	rVV	198322	290898	6.10%	0.382%
18	11.276	837	839	843	rVV	243365	341566	7.16%	0.449%
19	11.551	861	863	864	rBV	68052	105196	2.20%	0.138%
20	11.676	871	874	880	rBV	1856239	2846123	59.64%	3.742%
21	11.996	899	902	906	rBV	181956	348044	7.29%	0.458%
22	12.179	914	918	919	rBV2	49599	97331	2.04%	0.128%
23	12.305	924	929	931	rVV5	49350	117289	2.46%	0.154%
24	12.408	936	938	941	rVV3	58589	142468	2.99%	0.187%
25	12.465	941	943	945	rVV2	39936	72797	1.53%	0.096%
26	12.499	945	946	949	rVV	78620	135523	2.84%	0.178%
27	12.557	949	951	954	rVV2	42302	111611	2.34%	0.147%
28	12.614	954	956	959	rVB	117011	170727	3.58%	0.224%
29	12.728	963	966	968	rBV	106574	125531	2.63%	0.165%
30	12.774	968	970	972	rVV	859910	1395464	29.24%	1.835%
31	12.819	972	974	977	rVV	2404929	3093291	64.82%	4.067%
32	12.899	978	981	987	rVV	567214	917869	19.23%	1.207%
33	13.002	987	990	998	rVB3	54673	163325	3.42%	0.215%
34	13.208	1006	1008	1013	rVV	207965	324840	6.81%	0.427%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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	13.608	1040	1043	1045	rBV	250348	321058	6.73%	0.422%
36	13.654	1045	1047	1049	rVV	278129	347309	7.28%	0.457%
37	13.734	1052	1054	1055	rVV	108925	135835	2.85%	0.179%
38	13.768	1055	1057	1060	rVV2	410483	639975	13.41%	0.841%
39	13.825	1060	1062	1070	rVB2	446406	887400	18.59%	1.167%
40	14.100	1083	1086	1089	rBV	175410	285148	5.98%	0.375%
41	14.168	1089	1092	1098	rVB3	104829	302551	6.34%	0.398%
42	14.340	1105	1107	1110	rBV2	62115	106327	2.23%	0.140%
43	14.442	1114	1116	1118	rVB	67648	90773	1.90%	0.119%
44	14.511	1119	1122	1124	rBV	107898	163080	3.42%	0.214%
45	14.557	1124	1126	1129	rVB3	137190	241969	5.07%	0.318%
46	14.648	1132	1134	1138	rVB	144850	224921	4.71%	0.296%
47	14.751	1139	1143	1146	rBV	2565068	3817932	80.00%	5.019%
48	14.797	1146	1147	1151	rVB3	43469	71398	1.50%	0.094%
49	14.900	1151	1156	1160	rBV5	109198	286620	6.01%	0.377%
50	14.980	1160	1163	1166	rBV2	84770	226115	4.74%	0.297%
51	15.060	1168	1170	1171	rBV	84595	95204	1.99%	0.125%
52	15.105	1171	1174	1177	rVB	2651847	3799811	79.62%	4.996%
53	15.220	1181	1184	1186	rBV	57928	112375	2.35%	0.148%
54	15.334	1192	1194	1197	rBV	152267	215354	4.51%	0.283%
55	15.403	1197	1200	1204	rVV	2031775	3385777	70.95%	4.451%
56	15.494	1204	1208	1212	rVV3	111465	261021	5.47%	0.343%
57	15.631	1217	1220	1221	rBV	113168	217329	4.55%	0.286%
58	15.665	1221	1223	1228	rVV2	270758	468553	9.82%	0.616%
59	15.768	1230	1232	1235	rVB	184591	291662	6.11%	0.383%
60	15.825	1235	1237	1243	rBV2	181793	518988	10.88%	0.682%
61	15.974	1247	1250	1252	rVB2	71525	121007	2.54%	0.159%
62	16.020	1252	1254	1256	rBV	74768	90011	1.89%	0.118%
63	16.203	1267	1270	1275	rVB2	80724	187097	3.92%	0.246%
64	16.294	1275	1278	1280	rBV3	62959	133804	2.80%	0.176%
65	16.500	1293	1296	1298	rVV2	151740	279398	5.85%	0.367%
66	16.545	1298	1300	1304	rVB2	53640	79516	1.67%	0.105%
67	16.637	1305	1308	1309	rBV	120699	201410	4.22%	0.265%
68	16.660	1309	1310	1312	rVV	186652	228248	4.78%	0.300%
69	16.705	1312	1314	1316	rVV	86780	155339	3.26%	0.204%
70	16.751	1316	1318	1321	rVB2	111524	182690	3.83%	0.240%
71	16.808	1321	1323	1328	rBV2	136185	249160	5.22%	0.328%

LSC Area Percent Report

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Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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	16.923	1330	1333	1335	rVV3	195533	390677	8.19%	0.514%
73	16.980	1335	1338	1340	rVV2	1497446	2512771	52.65%	3.304%
74	17.026	1340	1342	1345	rVV2	995851	1442907	30.24%	1.897%
75	17.083	1345	1347	1349	rVV	296754	404337	8.47%	0.532%
76	17.117	1349	1350	1353	rVB	203093	237650	4.98%	0.312%
77	17.220	1357	1359	1363	rBV4	50658	136557	2.86%	0.180%
78	17.288	1363	1365	1367	rVB2	131889	179863	3.77%	0.236%
79	17.334	1367	1369	1372	rVB2	148835	219003	4.59%	0.288%
80	17.517	1382	1385	1387	rBV	201742	282766	5.93%	0.372%
81	17.563	1387	1389	1391	rVB2	90682	121587	2.55%	0.160%
82	17.631	1393	1395	1396	rVV	103498	129435	2.71%	0.170%
83	17.666	1396	1398	1399	rVV	78649	128989	2.70%	0.170%
84	17.734	1402	1404	1410	rVB4	123873	284018	5.95%	0.373%
85	17.940	1420	1422	1425	rVB3	77468	119086	2.50%	0.157%
86	18.111	1435	1437	1438	rBV2	103310	131998	2.77%	0.174%
87	18.214	1444	1446	1447	rBV	117955	157268	3.30%	0.207%
88	18.249	1447	1449	1455	rVB	1190490	2224827	46.62%	2.925%
89	18.363	1457	1459	1461	rBV	161578	166057	3.48%	0.218%
90	18.397	1461	1462	1463	rBV	81661	89005	1.87%	0.117%
91	18.523	1471	1473	1475	rBV	665707	769839	16.13%	1.012%
92	18.580	1475	1478	1481	rBV	777373	1092186	22.89%	1.436%
93	18.626	1481	1482	1484	rBV	508213	605734	12.69%	0.796%
94	18.843	1499	1501	1506	rVB3	64354	95464	2.00%	0.126%
95	19.071	1518	1521	1523	rBV2	94789	178558	3.74%	0.235%
96	19.574	1563	1565	1569	rBV3	56056	121922	2.55%	0.160%
97	19.712	1575	1577	1579	rVB	49574	74690	1.57%	0.098%
98	19.872	1589	1591	1597	rVV	336092	691346	14.49%	0.909%
99	20.020	1602	1604	1606	rBV	76763	136490	2.86%	0.179%
100	20.226	1620	1622	1629	rBV	260264	659635	13.82%	0.867%

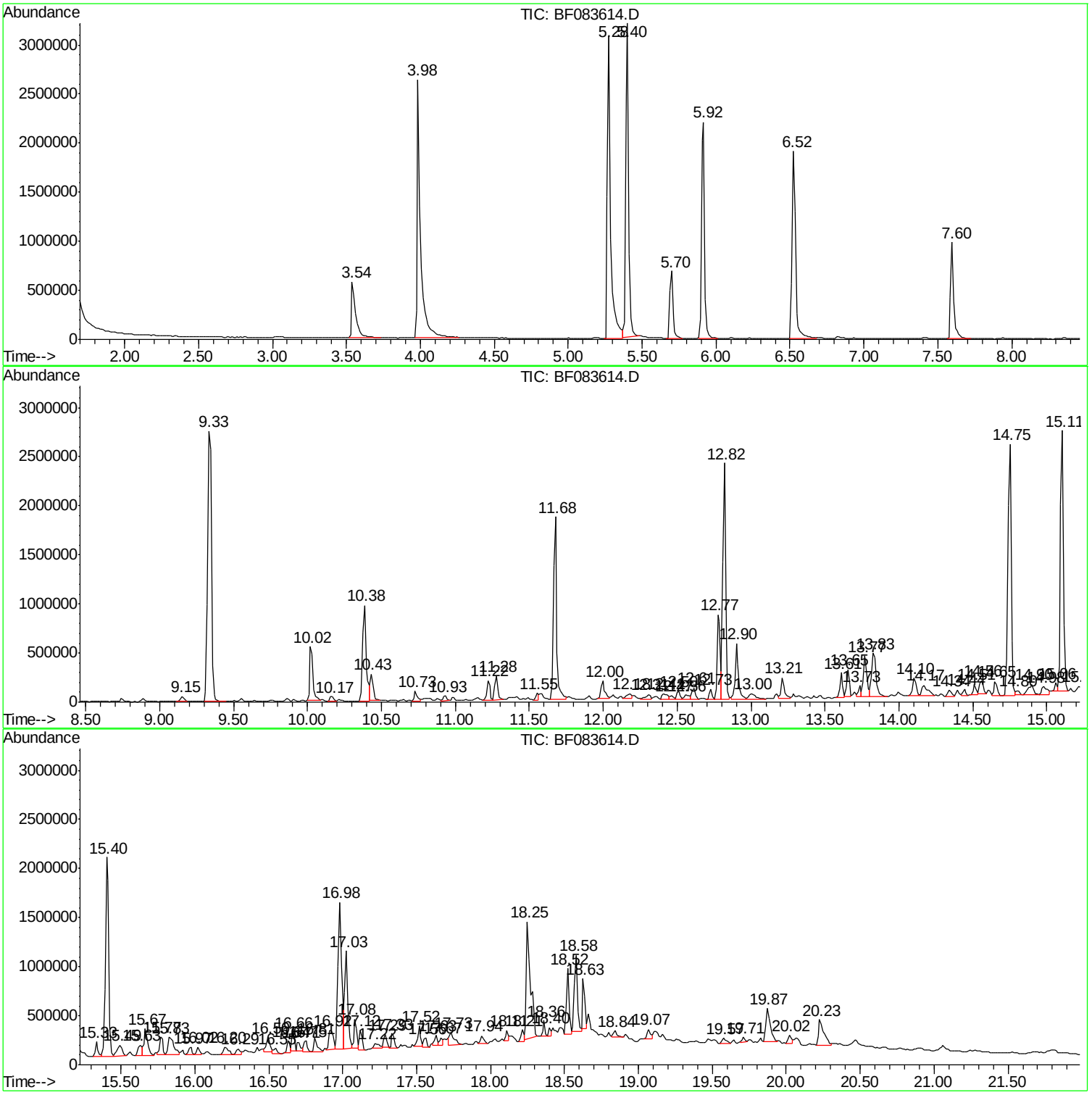
Sum of corrected areas: 76063027

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083614.D
Acq On : 9 Dec 2015 00:50
Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PCPY2B

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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Sample : G4637-03
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Instrument : BNA_F
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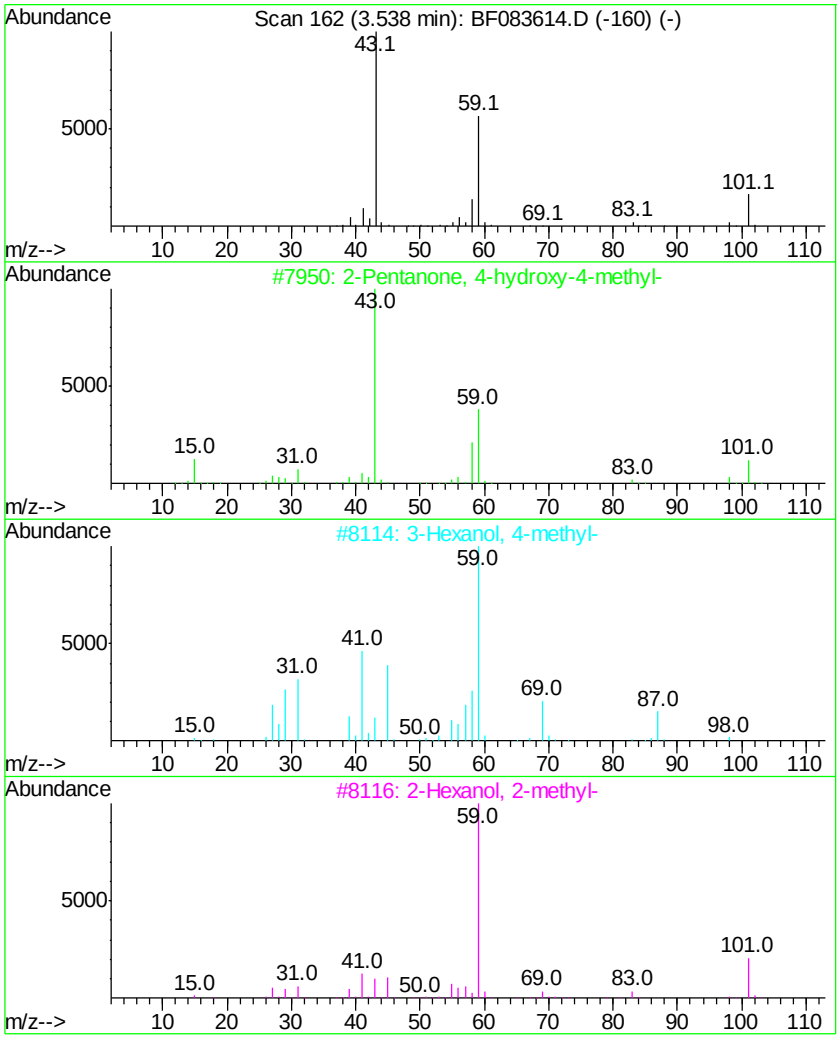
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	22.35 ng	1152090	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	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	9



m/z 43.10 100.00%
m/z 59.10 56.81%
m/z 101.10 16.22%
m/z 58.10 13.62%
m/z 41.10 8.95%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
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Sample : G4637-03
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Instrument : BNA_F
ClientSampleId : PCPY2B

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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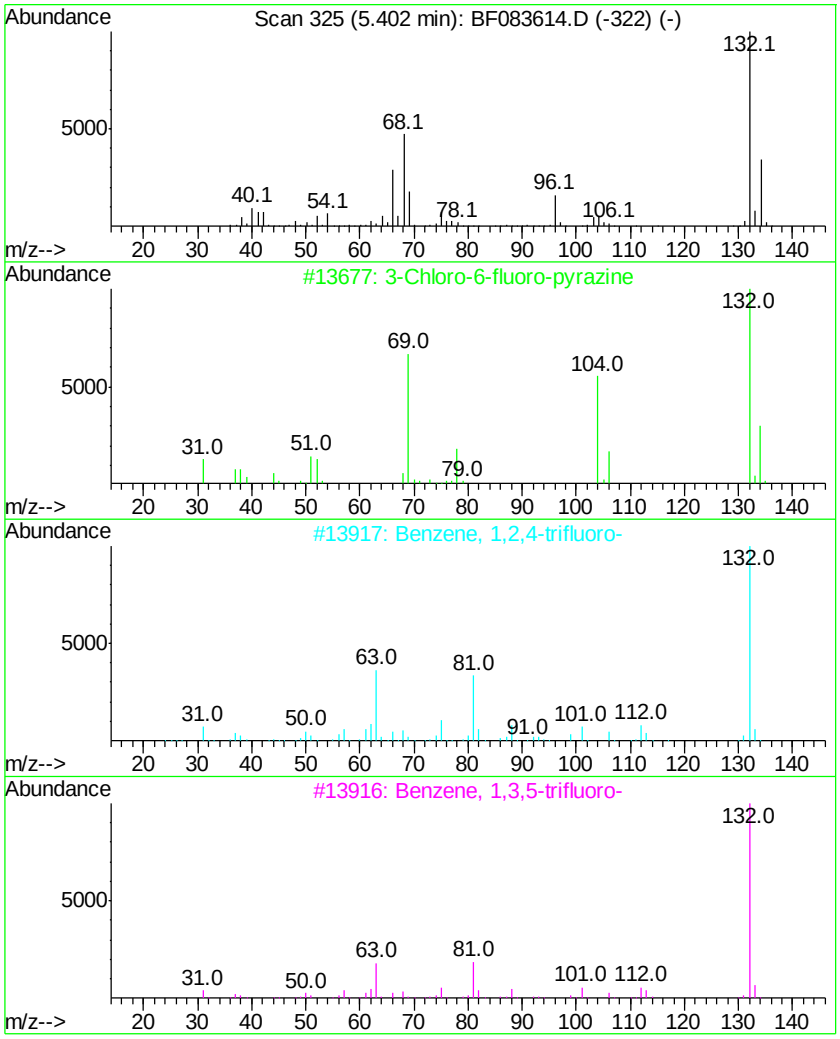
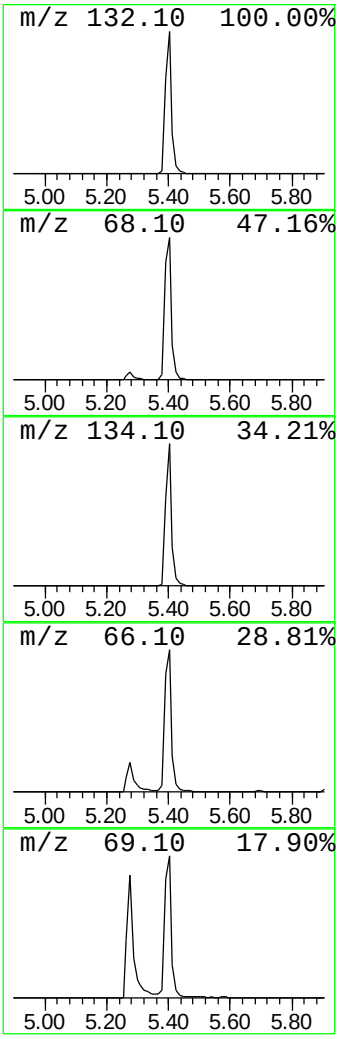
****

Peak Number 2 unknown5.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	92.06 ng	4746590	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	35
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : UM/IZ
Sample : G4637-03
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Instrument : BNA_F
ClientSampleId : PCPY2B

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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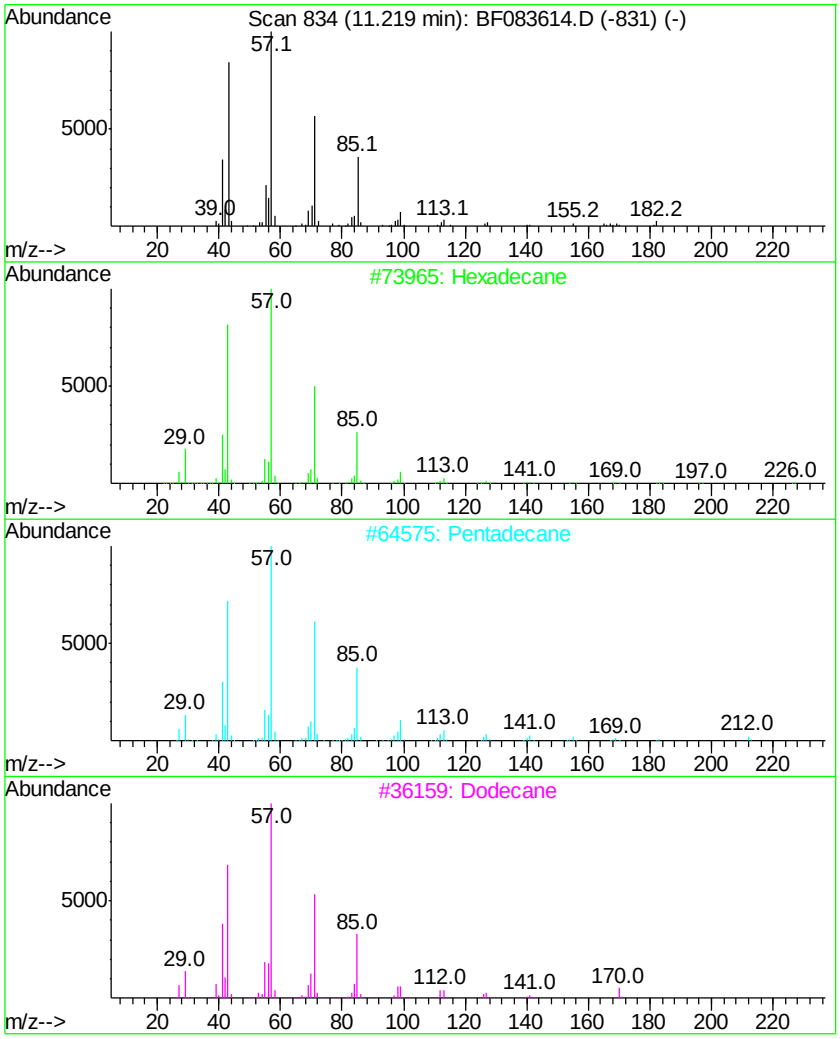
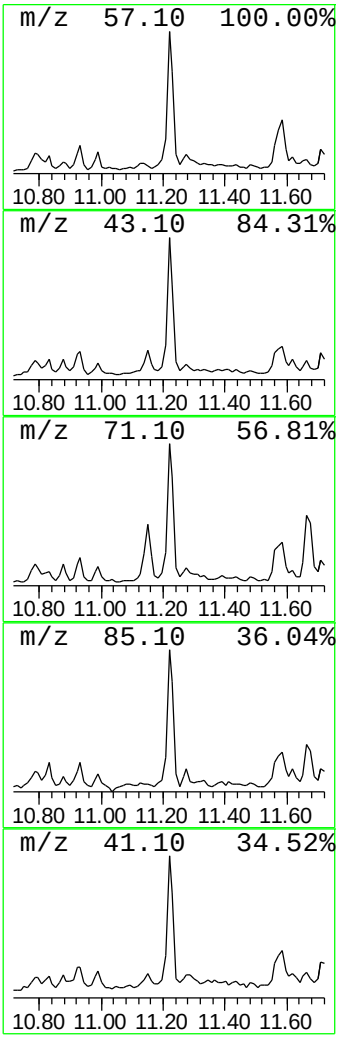
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	3.51 ng	290898	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	Dodecane	170	C12H26	000112-40-3	86
4	Undecane	156	C11H24	001120-21-4	86
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083614.D
Acq On : 9 Dec 2015 00:50
Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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

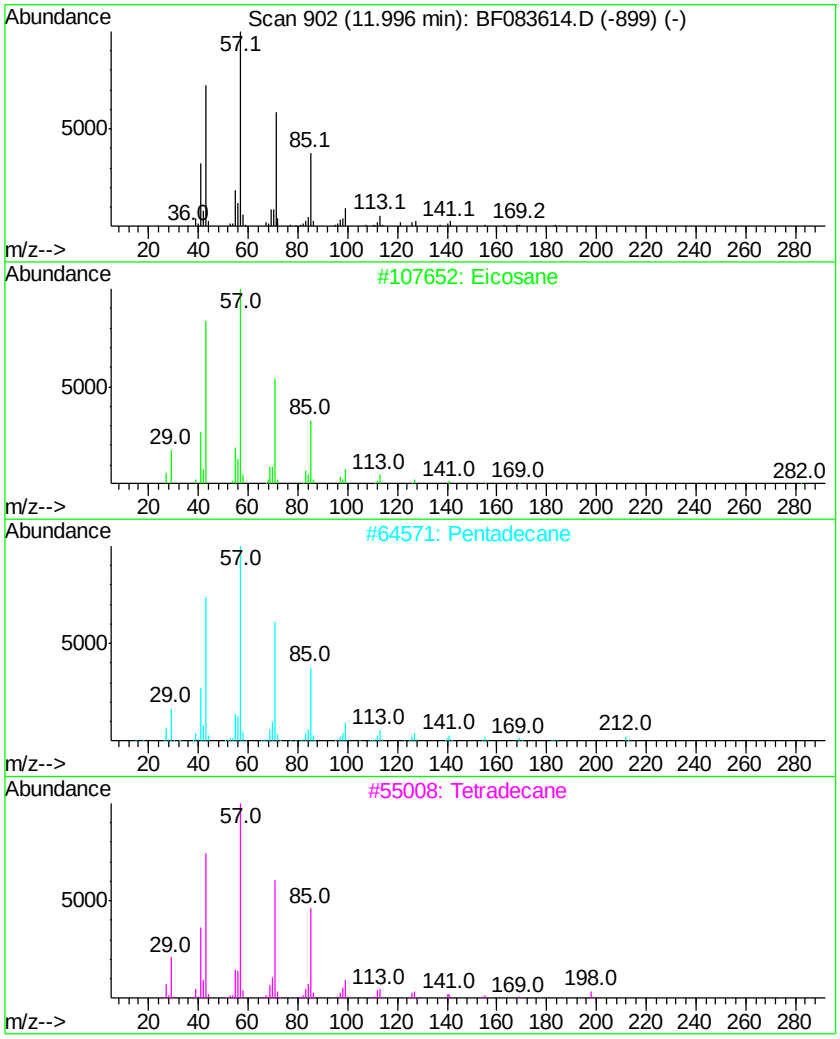
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

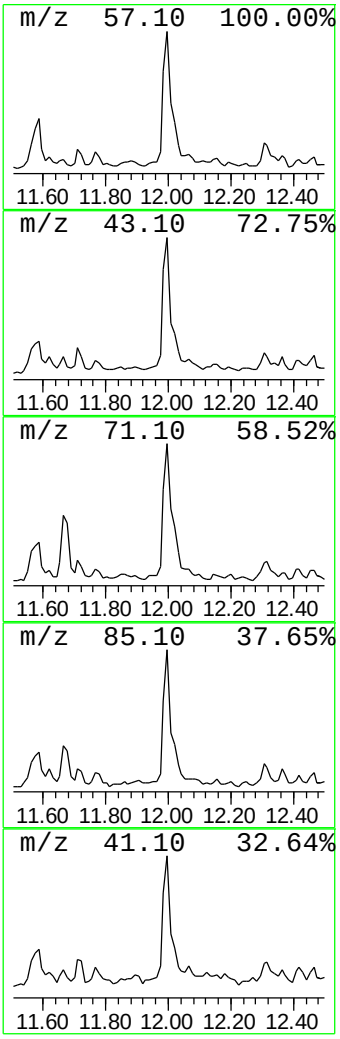
****

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.99 ng	348044	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Tridecane	184	C13H28	000629-50-5	86





Library Search Compound Report

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Data File : BF083614.D
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Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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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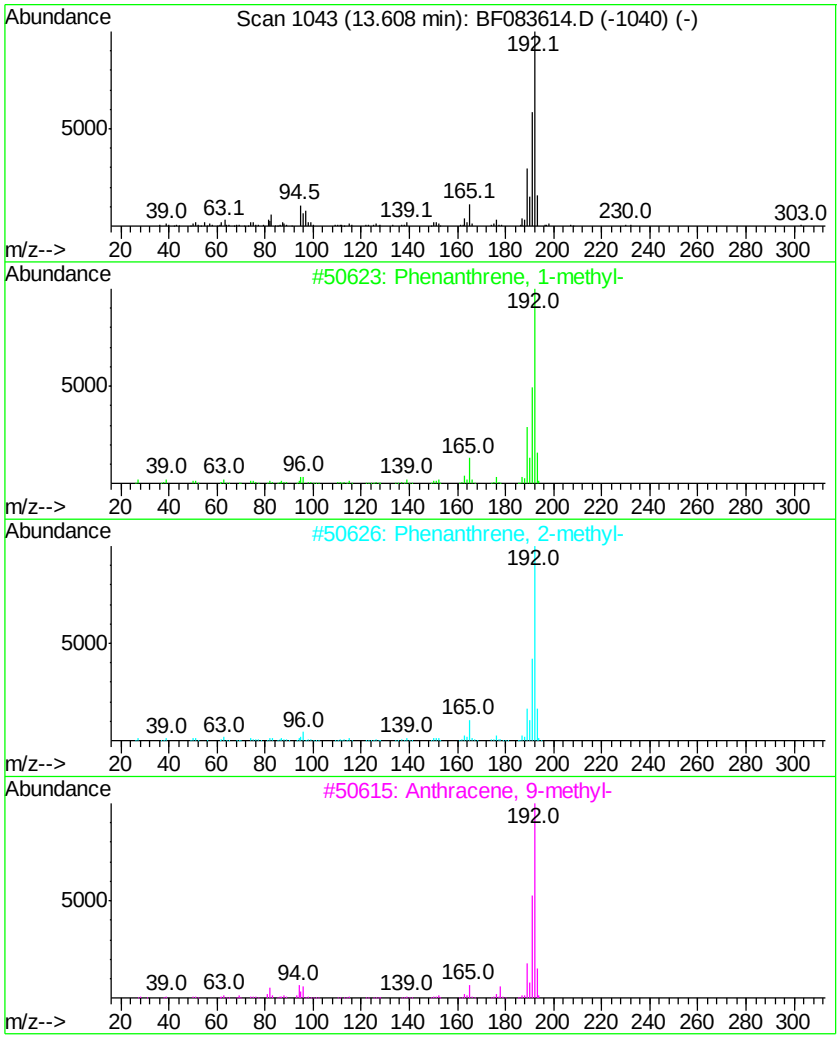
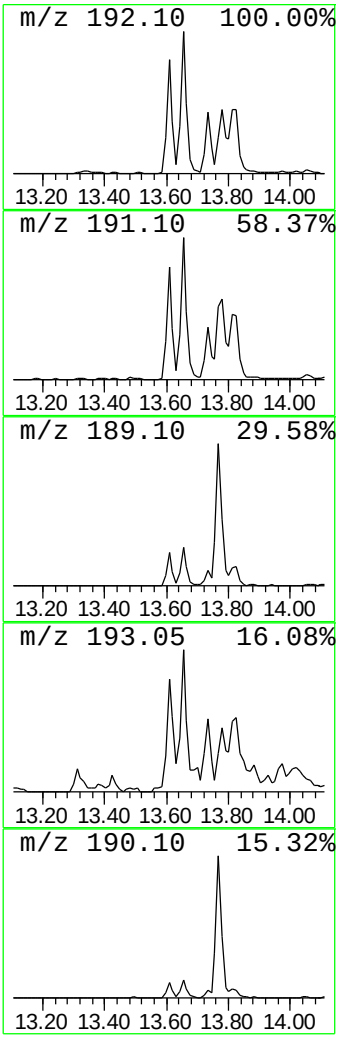
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	4.60 ng	321058	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083614.D
Acq On : 9 Dec 2015 00:50
Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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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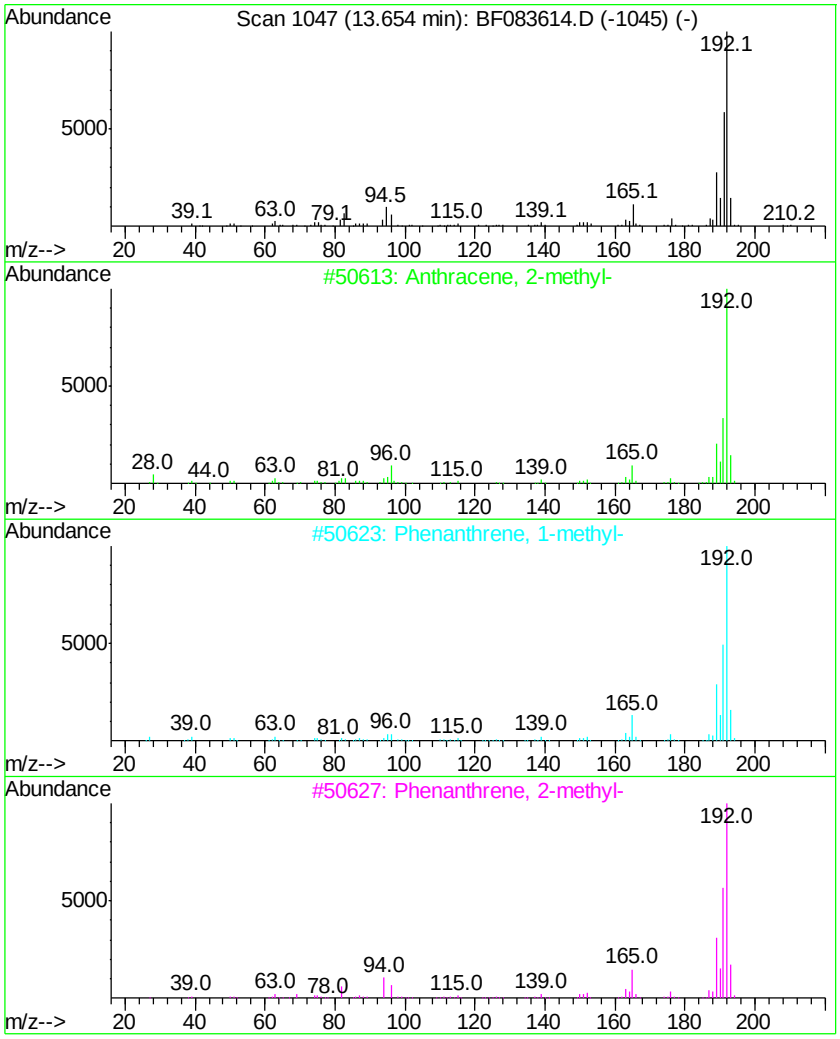
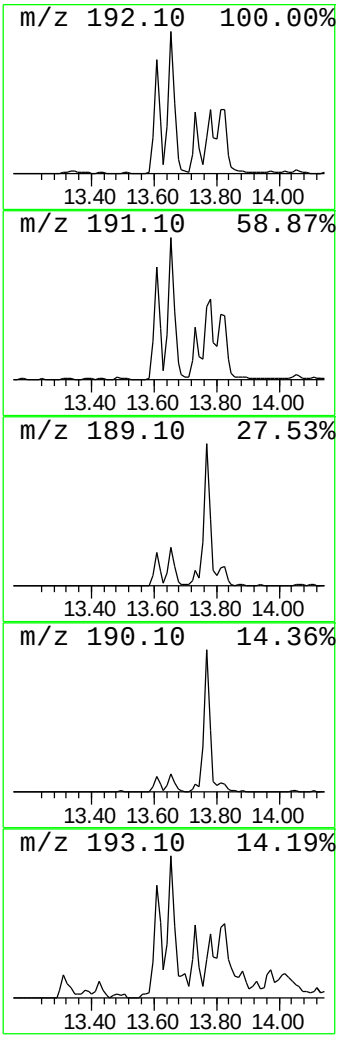
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.98 ng	347309	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Data File : BF083614.D
Acq On : 9 Dec 2015 00:50
Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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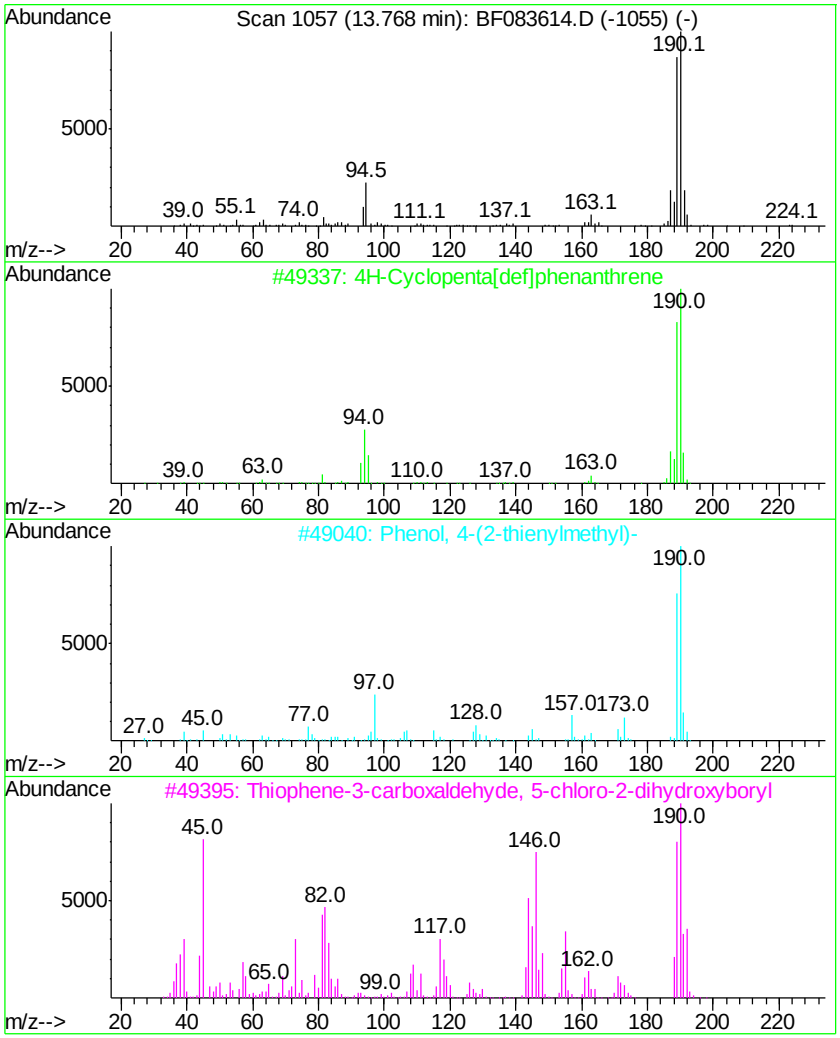
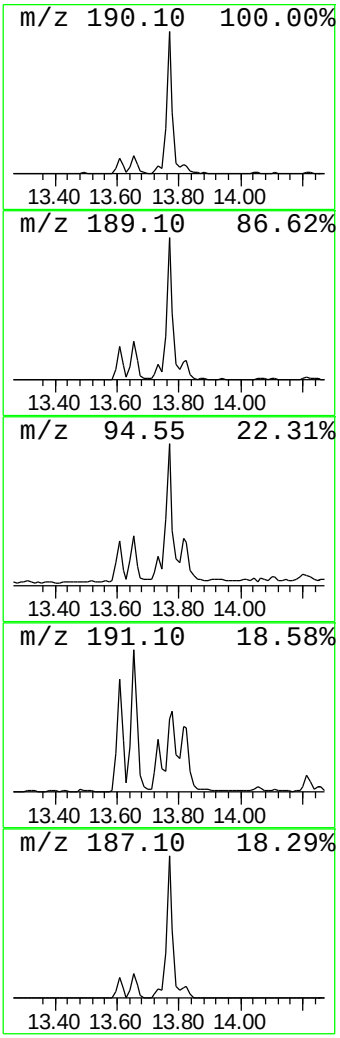
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	9.17 ng	639975	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	45
4	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	38
5	2,2'-Difluorobiphenyl	190	C12H8F2	000388-82-9	32





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Sample : G4637-03
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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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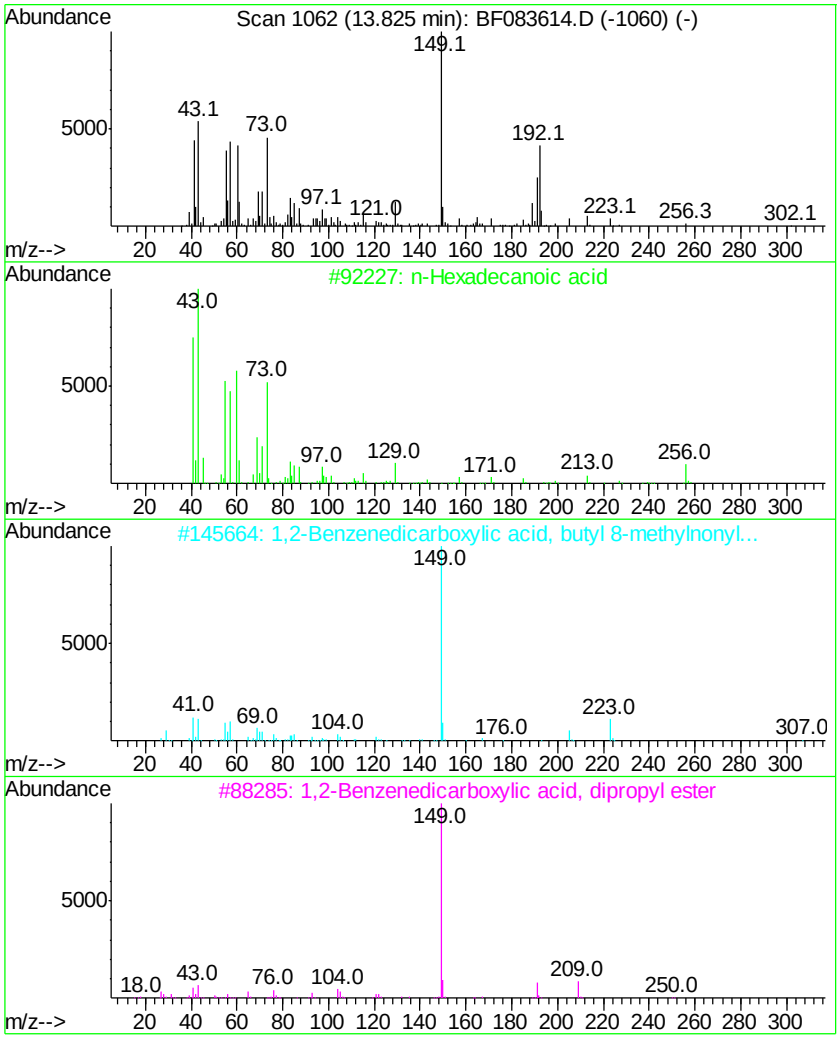
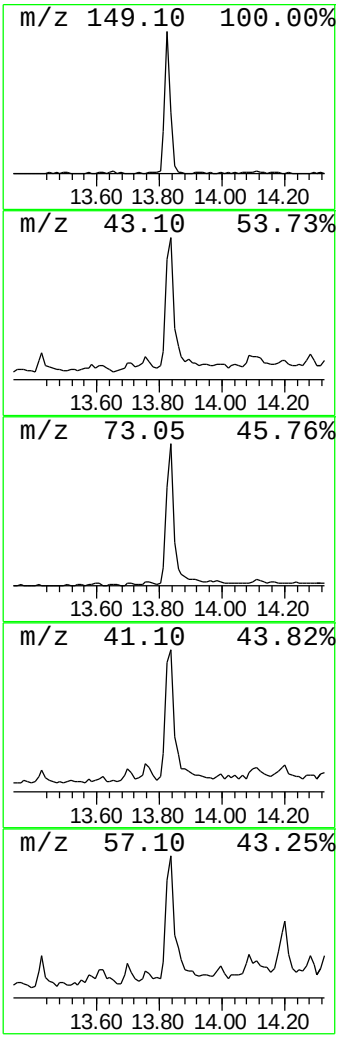
Peak Number 9 unknown13.83 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	12.72 ng	887400	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35
2	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	27
3	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	27
4	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	25
5	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	25





Library Search Compound Report

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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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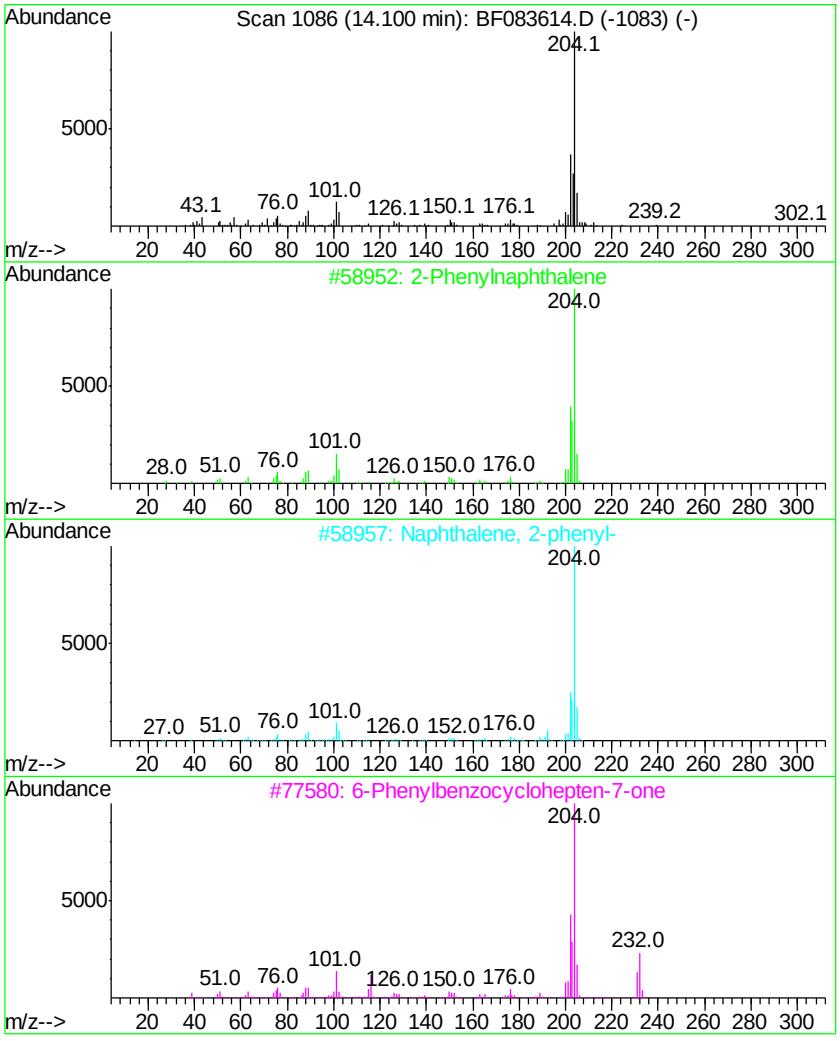
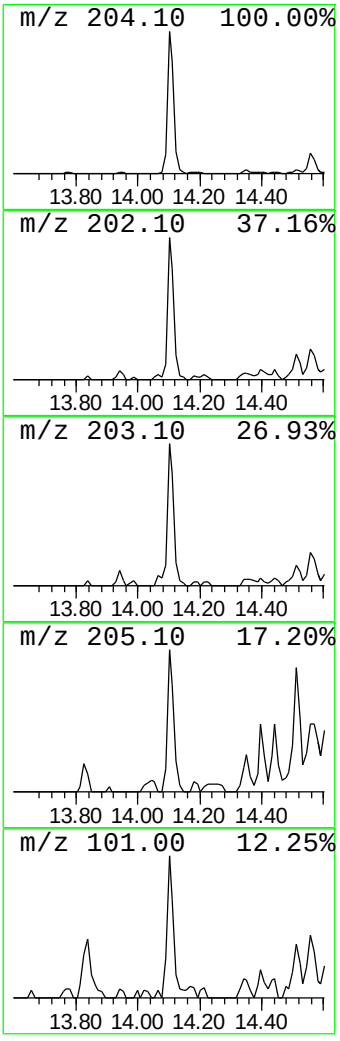
Peak Number 10 2-Phenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.09 ng	285148	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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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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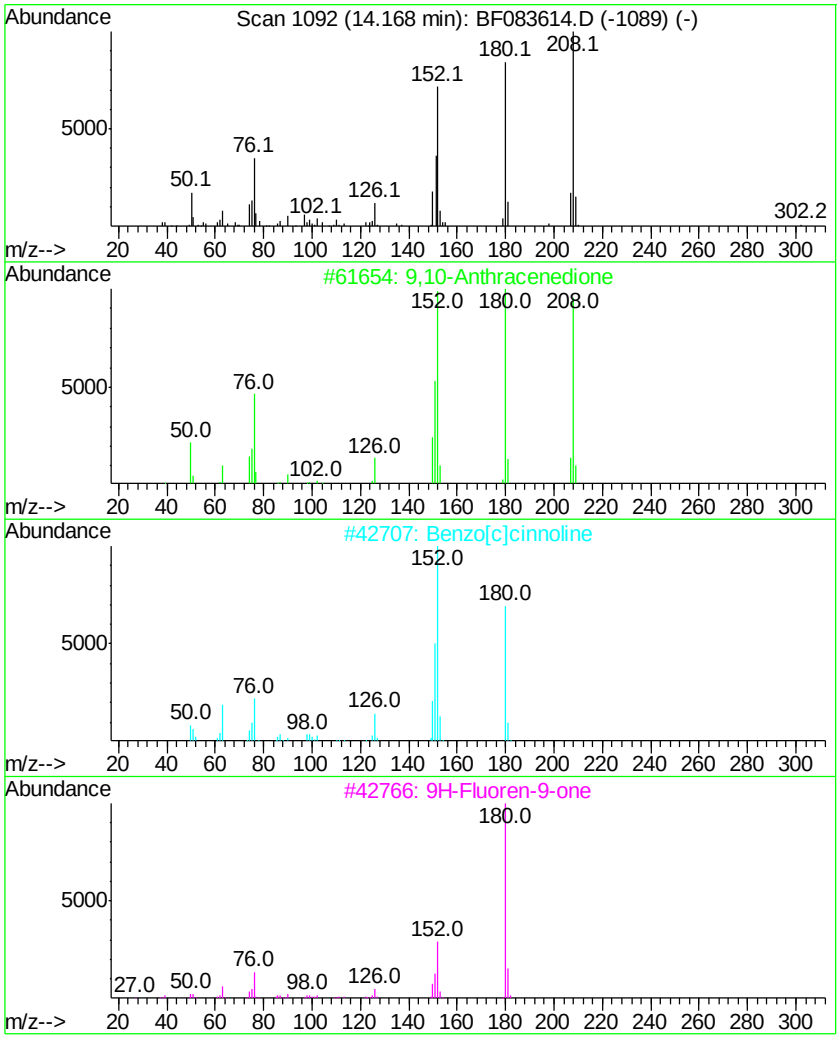
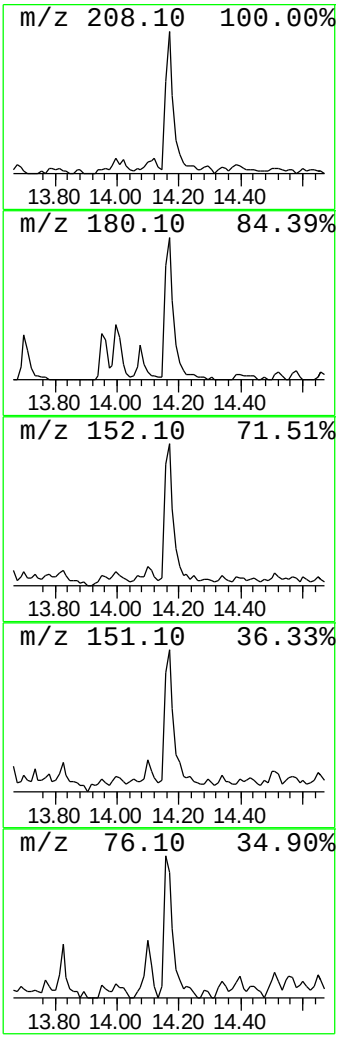
Peak Number 11 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	4.34 ng	302551	Phenanthrene-d10	12.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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Sample : G4637-03
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ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : PCPY2B

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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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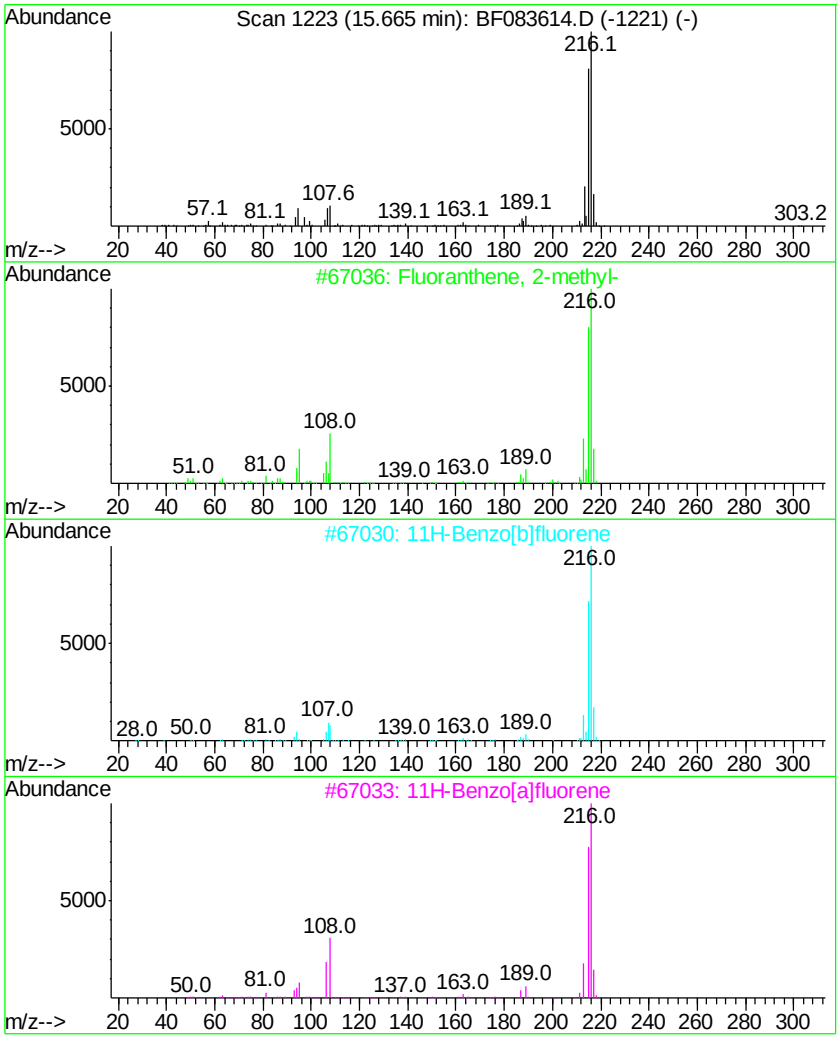
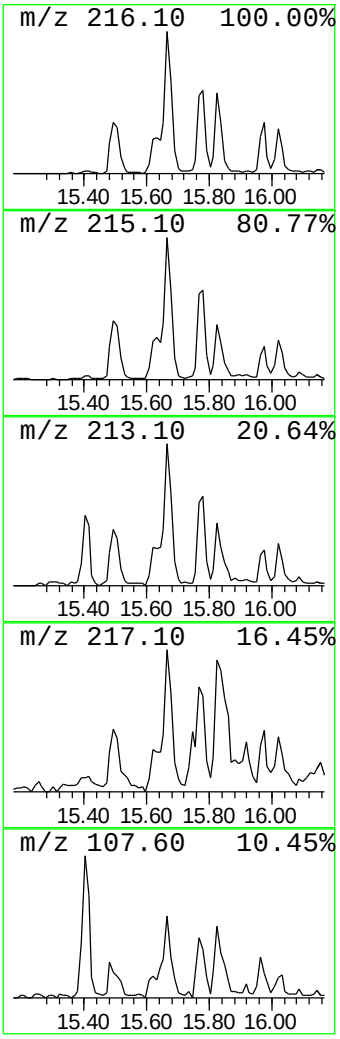
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.73 ng	468553	Chrysene-d12	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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ClientSampleId : PCPY2B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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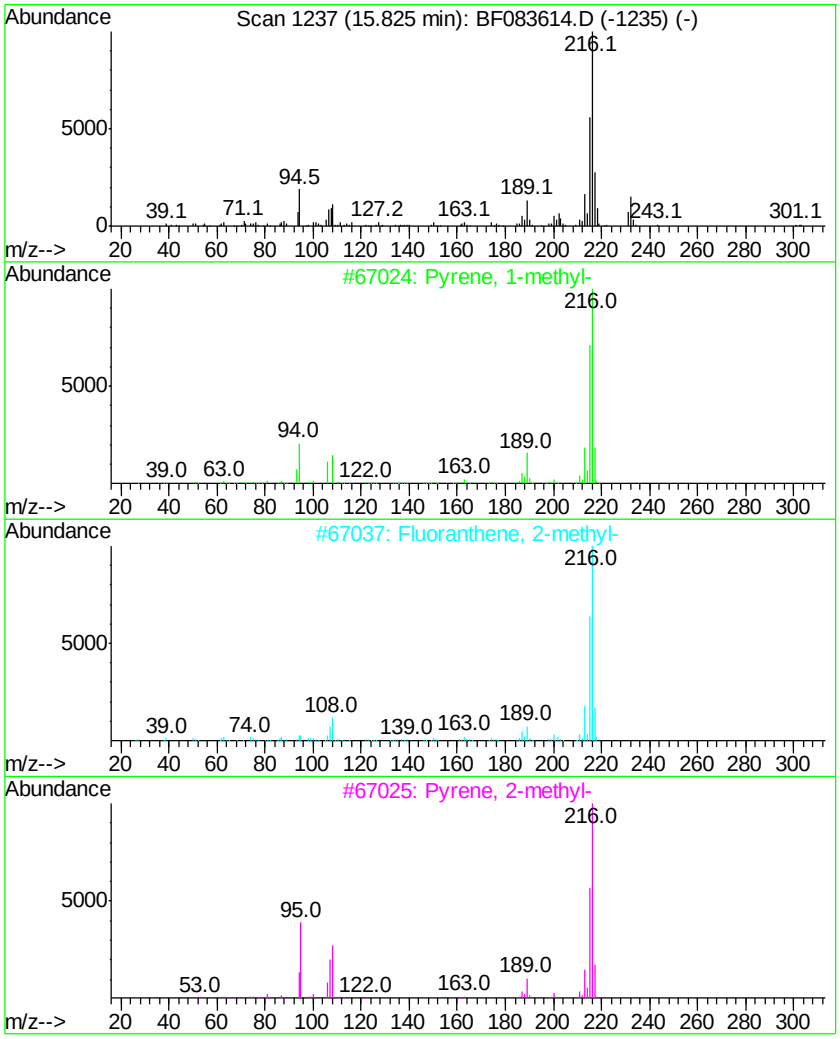
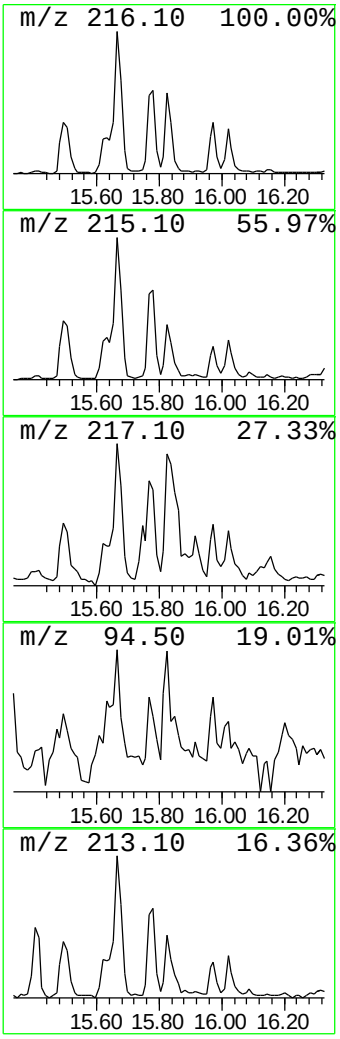
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.13 ng	518988	Chrysene-d12	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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

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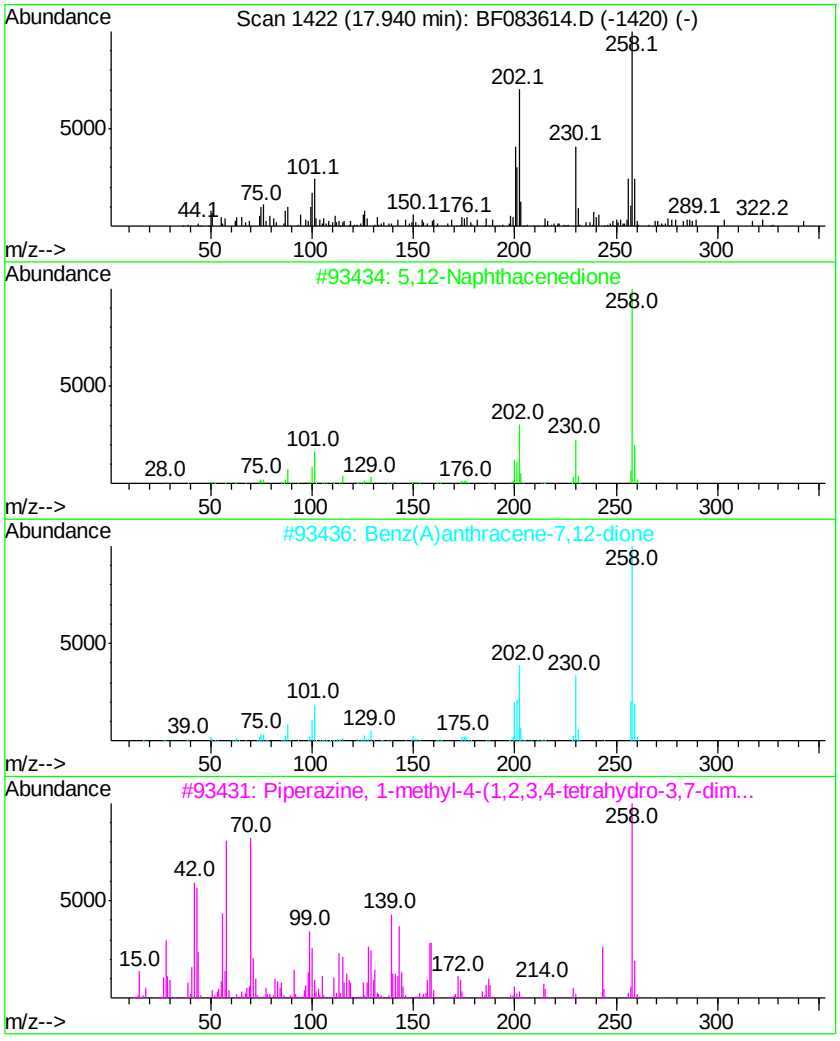
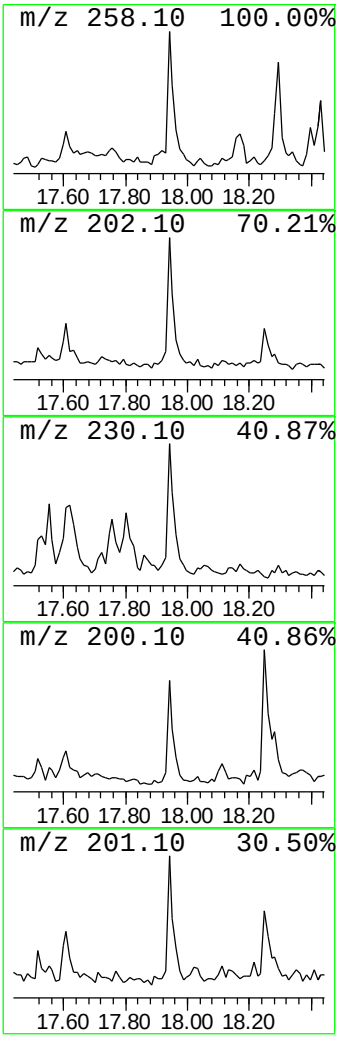
Peak Number 14 5,12-Naphthacenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.93 ng	119086	Perylene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	97
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	64
4	1-Formyl-2,2,4-trimethylquinolin...	273	C16H19NO3	1000211-50-6	43
5	Pyrene	202	C16H10	000129-00-0	41





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Sample : G4637-03
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Instrument : BNA_F
ClientSampleId : PCPY2B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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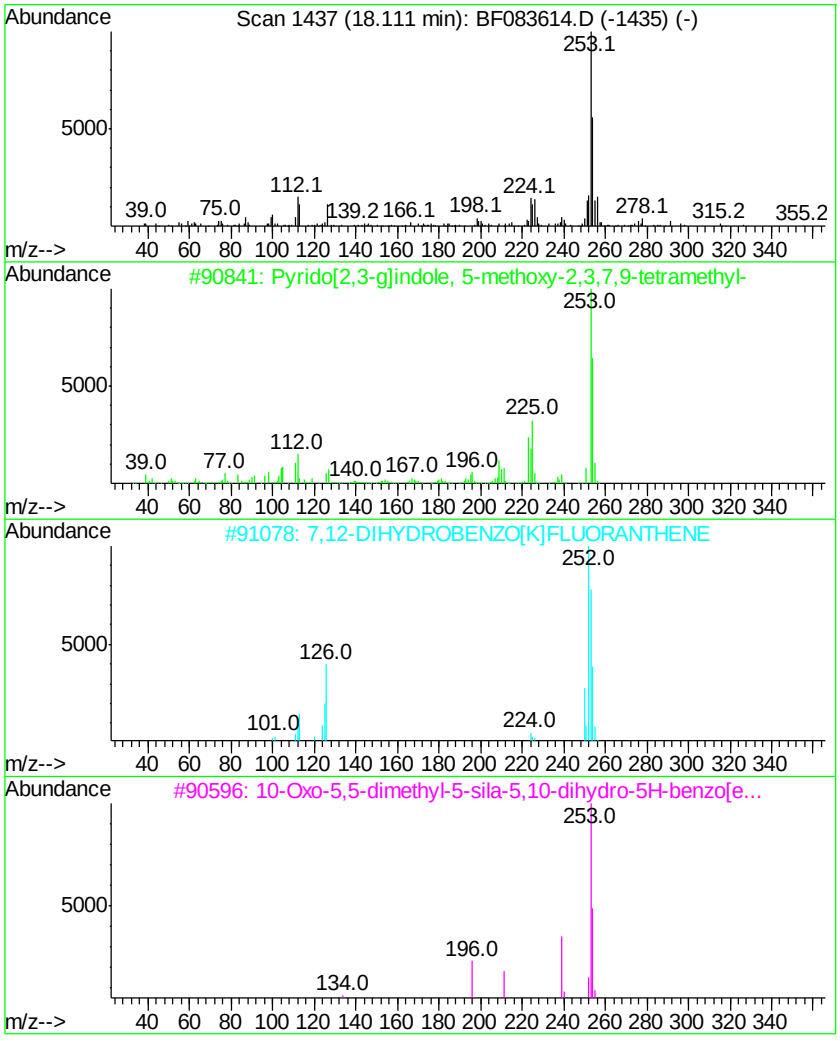
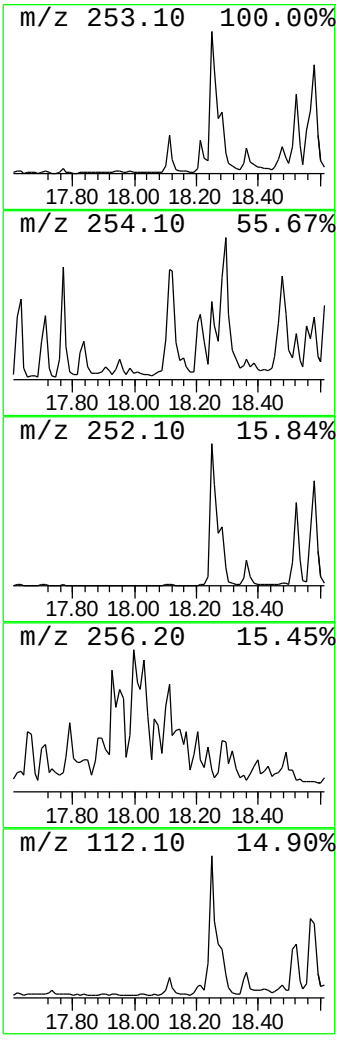
Peak Number 15 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	4.36 ng	131998	Perylene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	72
2	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	64
3	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	53
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	53
5	1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	49





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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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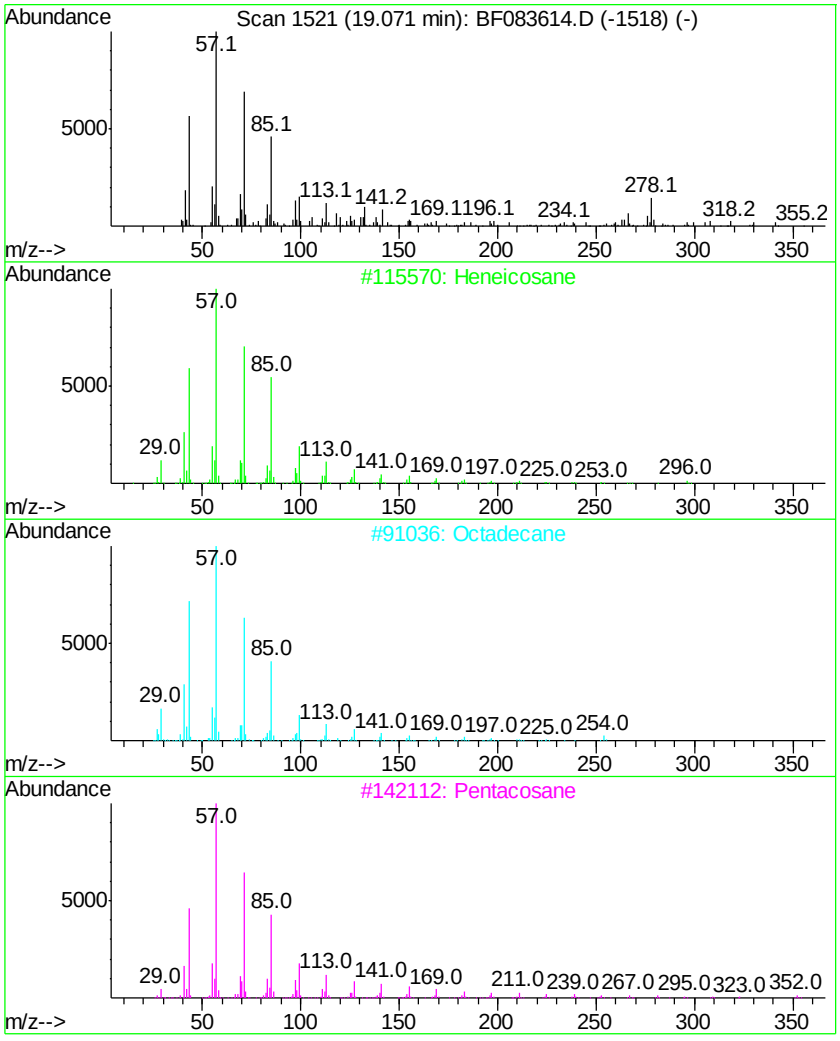
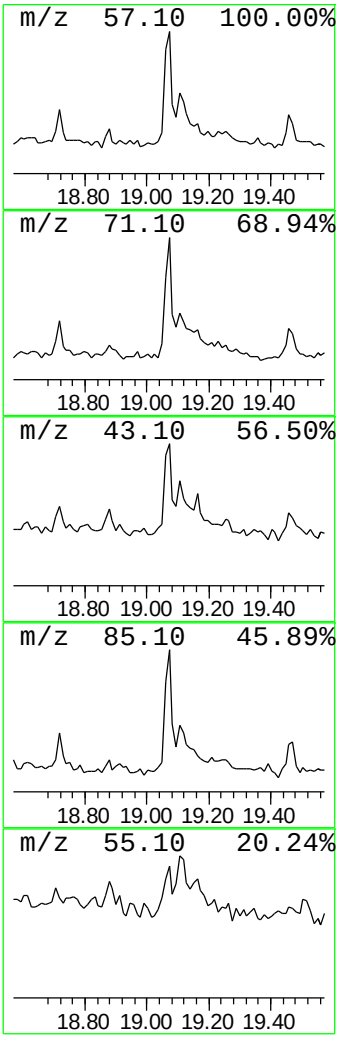
Peak Number 18 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	5.90 ng	178558	Perylene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Octadecane	254	C18H38	000593-45-3	83
3	Pentacosane	352	C25H52	000629-99-2	64
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





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

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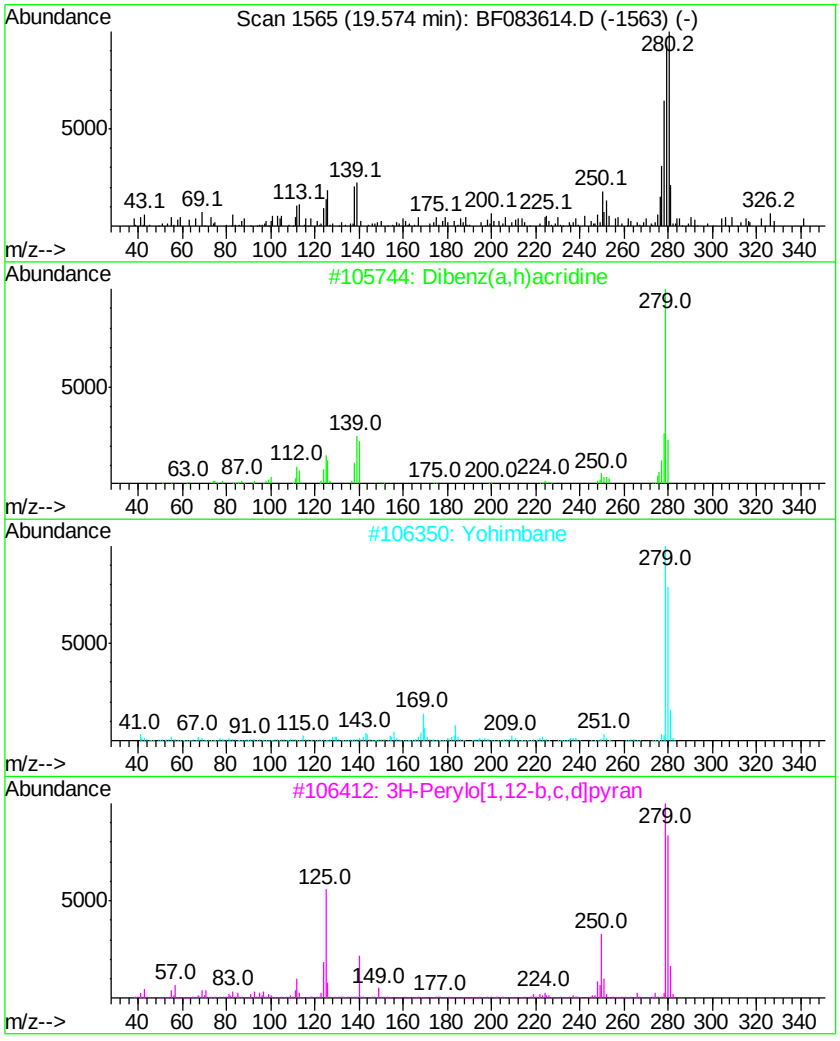
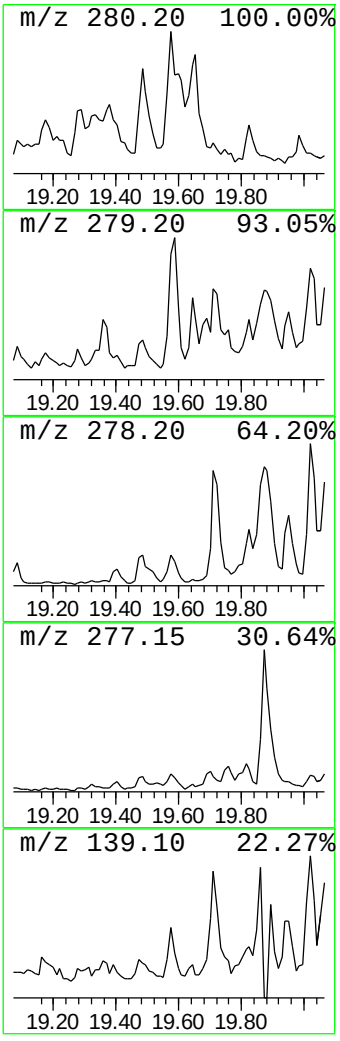
Peak Number 19 Dibenz(a,h)acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	4.03 ng	121922	Perylene-d12	18.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,h)acridine	279	C21H13N	000226-36-8	50
2	Yohimbane	280	C19H24N2	1000128-75-6	49
3	3H-Perylo[1,12-b,c,d]pyran	280	C21H12O	1000281-21-7	49
4	Dibenz(a,c)acridine	279	C21H13N	000215-62-3	46
5	Dibenz(c,h)acridine	279	C21H13N	000224-53-3	45





Tentatively Identified Compound (LSC) summary

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Data File : BF083614.D
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Operator : UM/IZ
Sample : G4637-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PCPY2B

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
2-Pentanone, 4-hy...	3.54	22.4	ng	1152090	1	5.70	1031180	20.0
unknown5.40	5.40	92.1	ng	4746590	1	5.70	1031180	20.0
Hexadecane	11.22	3.5	ng	290898	3	10.38	1659360	20.0
Eicosane	12.00	5.0	ng	348044	4	12.77	1395460	20.0
Phenanthrene, 1-m...	13.61	4.6	ng	321058	4	12.77	1395460	20.0
Anthracene, 2-met...	13.65	5.0	ng	347309	4	12.77	1395460	20.0
4H-Cyclopenta[def...	13.77	9.2	ng	639975	4	12.77	1395460	20.0
unknown13.83	13.83	12.7	ng	887400	4	12.77	1395460	20.0
2-Phenylnaphthalene	14.10	4.1	ng	285148	4	12.77	1395460	20.0
9,10-Anthracenedione	14.17	4.3	ng	302551	4	12.77	1395460	20.0
Fluoranthene, 2-m...	15.67	3.7	ng	468553	5	16.99	2512770	20.0
Pyrene, 1-methyl-	15.83	4.1	ng	518988	5	16.99	2512770	20.0
5,12-Naphthacened...	17.94	3.9	ng	119086	6	18.63	605734	20.0
Pyrido[2,3-g]indo...	18.11	4.4	ng	131998	6	18.63	605734	20.0
Heneicosane	19.07	5.9	ng	178558	6	18.63	605734	20.0
Dibenz(a,h)acridine	19.57	4.0	ng	121922	6	18.63	605734	20.0