LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.207	484	488	499	rBV	63892	84160	7.77%	0.492%
2	5.613	553	557	560	rBV	1040722	966433	89.21%	5.649%
3	6.613	722	727	730	rBV	946986	997775	92.10%	5.832%
4	6.742	745	749	752	rBV	1087816	994979	91.85%	5.816%
5	6.960	783	786	790	rBB	355140	283640	26.18%	1.658%
6	7.119	809	813	815	rBV	960115	811630	74.92%	4.744%
7	7.136	815	816	819	rVB	57979	35965	3.32%	0.210%
8	7.531	878	883	886	rBV	628966	658442	60.78%	3.849%
9	7.972	955	958	964	rBV3	15281	19926	1.84%	0.116%
10	8.242	1000	1004	1006	rBV	385521	326120	30.10%	1.906%
11	8.266	1006	1008	1011	rVB	95711	72387	6.68%	0.423%
12	8.525	1046	1052	1056	rVB5	7537	15376	1.42%	0.090%
13	8.954	1123	1125	1128	rBV	72888	65264	6.02%	0.381%
14	9.013	1132	1135	1139	rBV3	11027	18899	1.74%	0.110%
15	9.054	1139	1142	1145	rVB	68029	56762	5.24%	0.332%
16	9.242	1169	1174	1176	rBV2	18590	22552	2.08%	0.132%
17	9.319	1182	1187	1190	rBV	1153682	1038472	95.86%	6.070%
18	9.389	1195	1199	1202	rVB3	19785	22927	2.12%	0.134%
19	9.419	1202	1204	1209	rBV	15256	15576	1.44%	0.091%
20	9.513	1218	1220	1227	rVB	21365	27738	2.56%	0.162%
21	9.589	1227	1233	1236	rBV2	56170	83336	7.69%	0.487%
22	9.660	1240	1245	1247	rBV	84123	88060	8.13%	0.515%
23	9.683	1247	1249	1250	rBV	43025	32870	3.03%	0.192%
24	9.707	1250	1253	1260	rVB	173461	183727	16.96%	1.074%
25	9.777	1260	1265	1266	rBV3	44660	50683	4.68%	0.296%
26	9.860	1276	1279	1284	rBV2	59969	56639	5.23%	0.331%
27	9.907	1284	1287	1290	rVB	46548	37762	3.49%	0.221%
28	9.977	1297	1299	1300	rBV	30168	23452	2.16%	0.137%
29	10.001	1300	1303	1306	rVV	355578	335750	30.99%	1.963%
30	10.036	1306	1309	1312	rVV	455818	362487	33.46%	2.119%
31	10.101	1316	1320	1324	rBV2	33923	45674	4.22%	0.267%
32	10.160	1324	1330	1334	rVV3	30956	46200	4.26%	0.270%
33	10.207	1334	1338	1341	rVV2	174372	180207	16.63%	1.053%
34	10.242	1341	1344	1347	rVB	56930	51791	4.78%	0.303%

LSC Area Percent Report

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Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.313	1352	1356	1359	rBV	60447	68075	6.28%	0.398%
36	10.342	1359	1361	1367	rVB	37328	41628	3.84%	0.243%
37	10.407	1367	1372	1377	rBV3	75746	104710	9.67%	0.612%
38	10.554	1393	1397	1402	rBV	311700	288542	26.63%	1.687%
39	10.601	1402	1405	1406	rVV2	30135	24940	2.30%	0.146%
40	10.630	1406	1410	1413	rVV4	71731	107892	9.96%	0.631%
41	10.660	1413	1415	1417	rVV2	27697	28407	2.62%	0.166%
42	10.689	1417	1420	1421	rVV2	31034	33985	3.14%	0.199%
43	10.707	1421	1423	1427	rVB	80906	68365	6.31%	0.400%
44	10.801	1434	1439	1442	rBV	744008	712388	65.76%	4.164%
45	10.895	1451	1455	1457	rBV2	72698	91127	8.41%	0.533%
46	10.989	1468	1471	1473	rBV	26846	29649	2.74%	0.173%
47	11.101	1483	1490	1493	rBV	59715	76992	7.11%	0.450%
48	11.130	1493	1495	1500	rBV3	34968	32791	3.03%	0.192%
49	11.183	1502	1504	1506	rVB2	36321	25072	2.31%	0.147%
50	11.230	1506	1512	1513	rBV3	31010	47907	4.42%	0.280%
51	11.248	1513	1515	1519	rVB3	31839	35856	3.31%	0.210%
52	11.295	1521	1523	1527	rVB4	17393	16871	1.56%	0.099%
53	11.336	1527	1530	1532	rBV3	41777	45885	4.24%	0.268%
54	11.395	1537	1540	1544	rVB	81479	73969	6.83%	0.432%
55	11.495	1554	1557	1559	rBV	347036	328472	30.32%	1.920%
56	11.524	1559	1562	1565	rVV	814872	669060	61.76%	3.911%
57	11.571	1567	1570	1573	rBV	227019	183607	16.95%	1.073%
58	11.607	1573	1576	1578	rVB2	34847	29171	2.69%	0.171%
59	11.730	1593	1597	1601	rBV	33992	47261	4.36%	0.276%
60	11.789	1605	1607	1609	rBV	25476	22415	2.07%	0.131%
61	12.001	1637	1643	1645	rBV	101422	122208	11.28%	0.714%
62	12.024	1645	1647	1651	rVB	117439	106996	9.88%	0.625%
63	12.071	1653	1655	1658	rBV	50661	47869	4.42%	0.280%
64	12.113	1658	1662	1665	rBV2	246498	251227	23.19%	1.468%
65	12.171	1670	1672	1676	rBV3	19860	26115	2.41%	0.153%
66	12.230	1680	1682	1684	rVV3	21636	17069	1.58%	0.100%
67	12.289	1690	1692	1695	rVB	62369	52958	4.89%	0.310%
68	12.442	1715	1718	1721	rVB3	30690	29805	2.75%	0.174%
69	12.477	1721	1724	1726	rVB	24802	21825	2.01%	0.128%
70	12.501	1726	1728	1730	rBV	21172	14152	1.31%	0.083%
71	12.548	1733	1736	1739	rBV	71081	82888	7.65%	0.485%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.636	1748	1751	1757	rBV4	28443	52329	4.83%	0.306%
73	12.718	1761	1765	1768	rBV	869048	835949	77.17%	4.886%
74	12.748	1768	1770	1773	rVV2	61965	54888	5.07%	0.321%
75	12.777	1773	1775	1777	rVV	23721	16523	1.53%	0.097%
76	12.871	1788	1791	1797	rVB4	47817	79091	7.30%	0.462%
77	12.930	1797	1801	1802	rBV2	165943	167316	15.44%	0.978%
78	12.954	1802	1805	1809	rVV	684152	670572	61.90%	3.920%
79	12.995	1809	1812	1816	rVB	56653	58123	5.37%	0.340%
80	13.083	1822	1827	1830	rBV	1181538	1083323	100.00%	6.332%
81	13.107	1830	1831	1834	rVB	32049	23063	2.13%	0.135%
82	13.160	1836	1840	1845	rBV3	44406	88428	8.16%	0.517%
83	13.271	1857	1859	1864	rVB	110278	114076	10.53%	0.667%
84	13.342	1868	1871	1873	rBV	98127	96548	8.91%	0.564%
85	13.377	1875	1877	1880	rVB2	52556	50816	4.69%	0.297%
86	13.471	1891	1893	1896	rBV	46721	42367	3.91%	0.248%
87	13.507	1896	1899	1901	rVV	44279	41883	3.87%	0.245%
88	13.783	1944	1946	1950	rVB2	67183	63609	5.87%	0.372%
89	13.924	1968	1970	1973	rBV2	36297	38728	3.57%	0.226%
90	13.960	1973	1976	1981	rVB4	77246	87085	8.04%	0.509%
91	14.101	1998	2000	2002	rBV	33425	25624	2.37%	0.150%
92	14.154	2004	2009	2012	rVV2	457751	614688	56.74%	3.593%
93	14.177	2012	2013	2020	rVB	190128	164469	15.18%	0.961%
94	15.236	2190	2193	2197	rBV	81994	123823	11.43%	0.724%
95	15.565	2246	2249	2255	rVB	65979	86075	7.95%	0.503%
96	15.630	2257	2260	2265	rVV	69308	87854	8.11%	0.514%
97	15.695	2268	2271	2276	rVB	166438	218862	20.20%	1.279%

Sum of corrected areas: 17107922

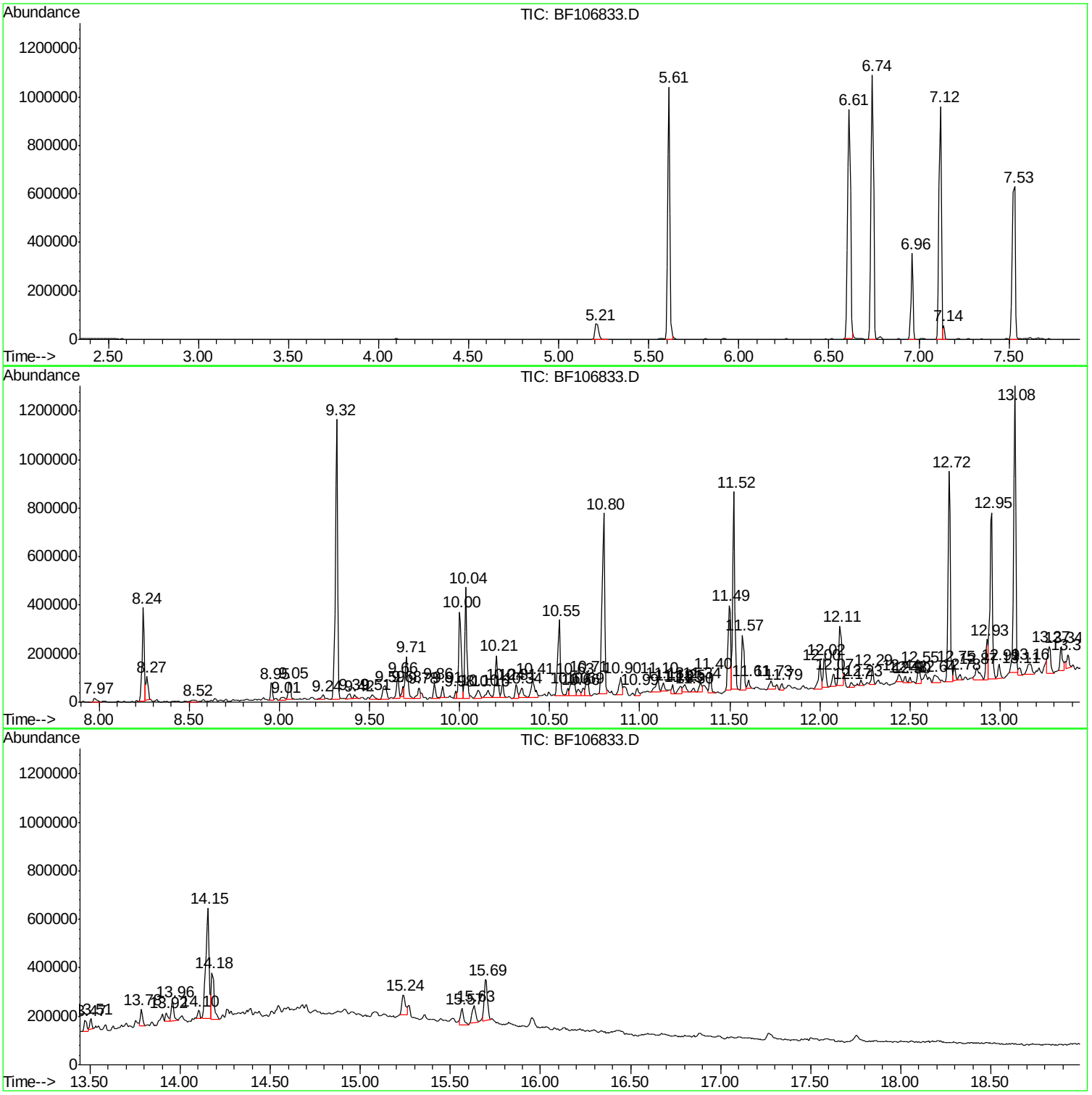
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

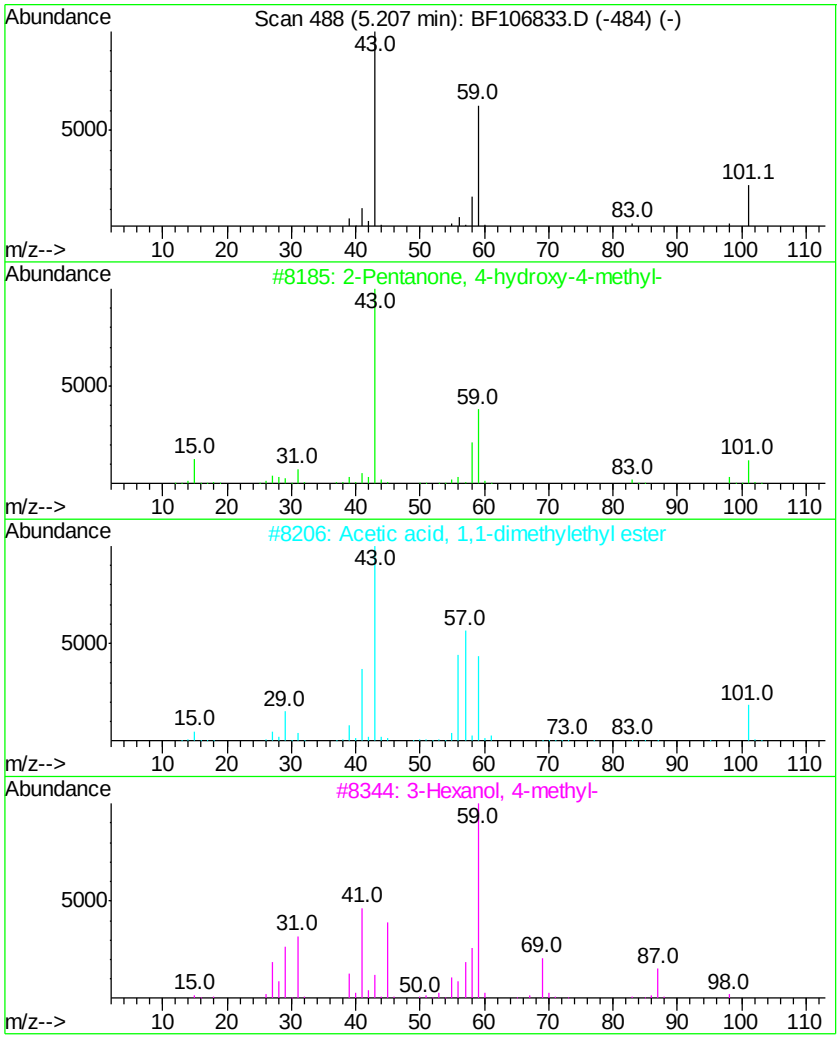
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

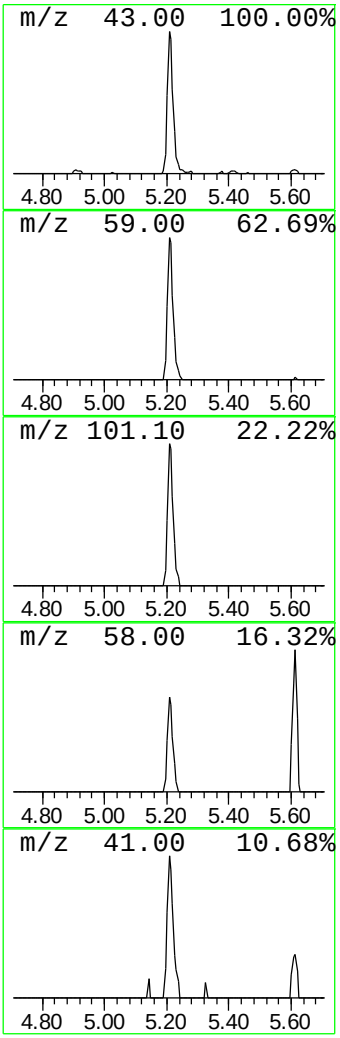
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	5.93 ng	84160	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

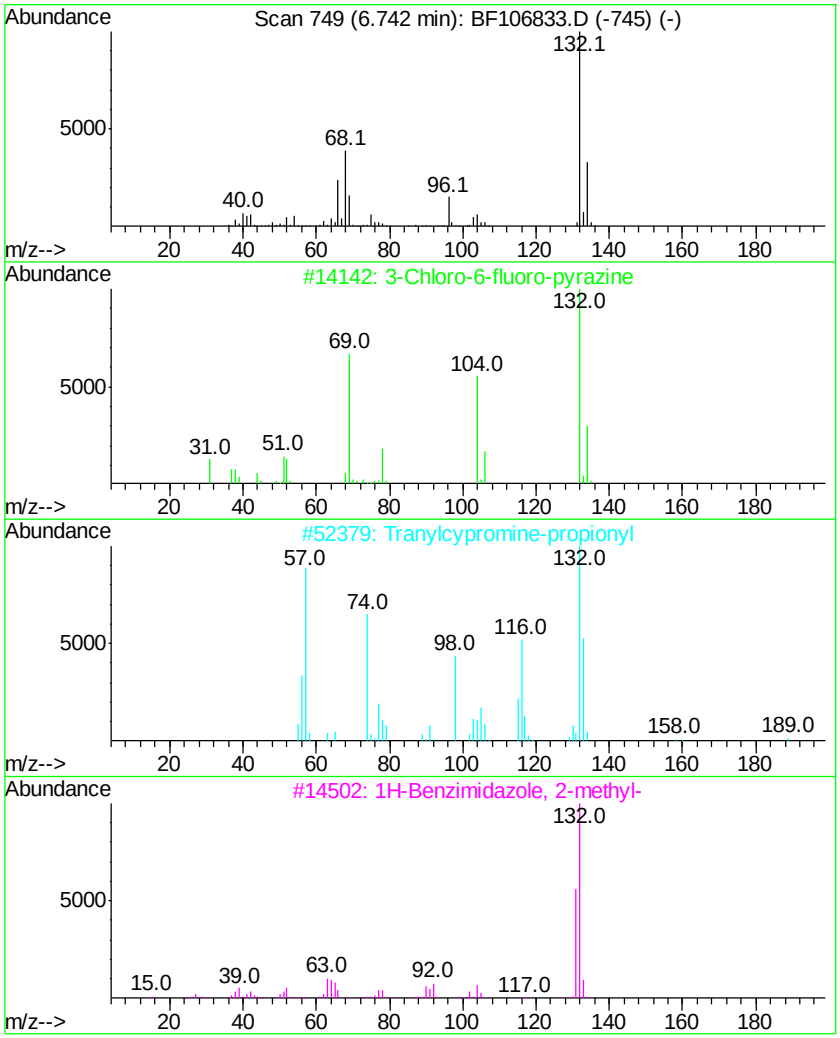
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

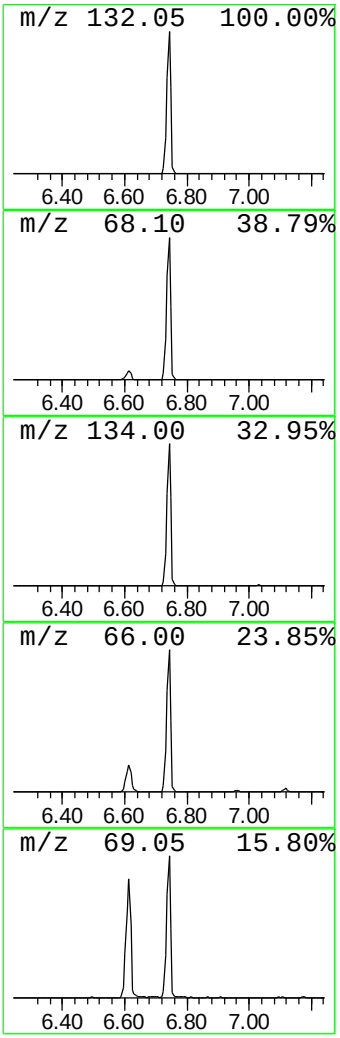
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.16 ng	994979	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

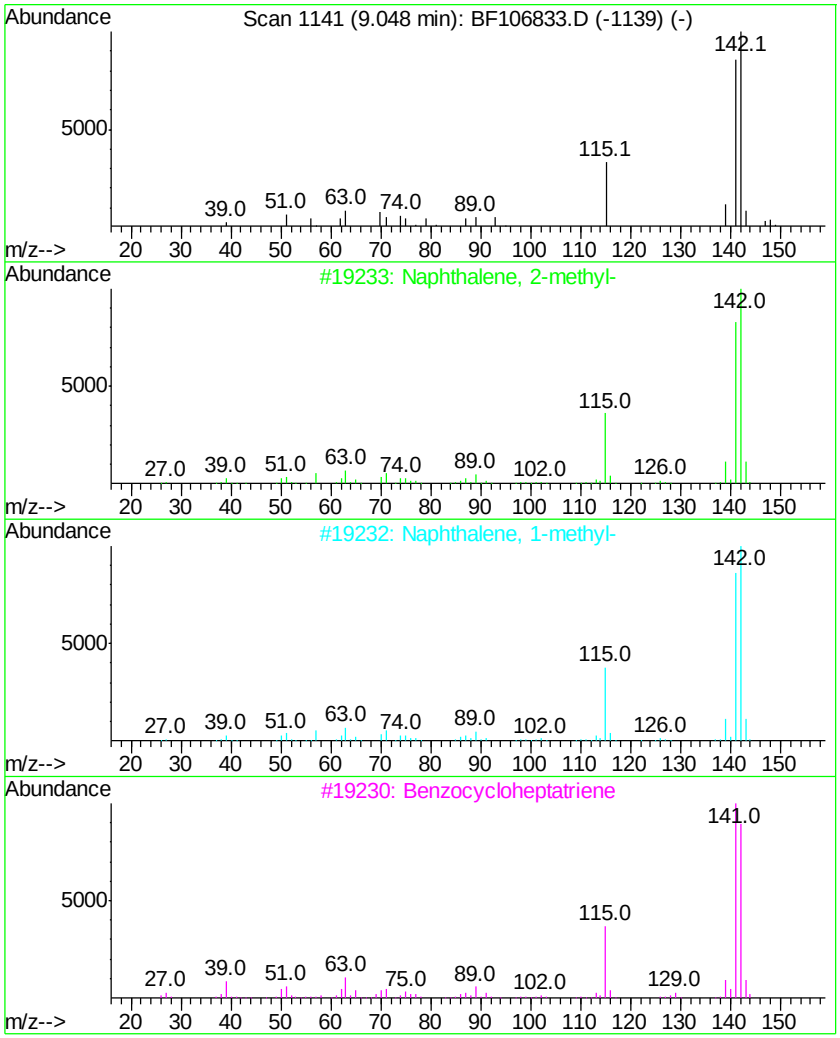
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

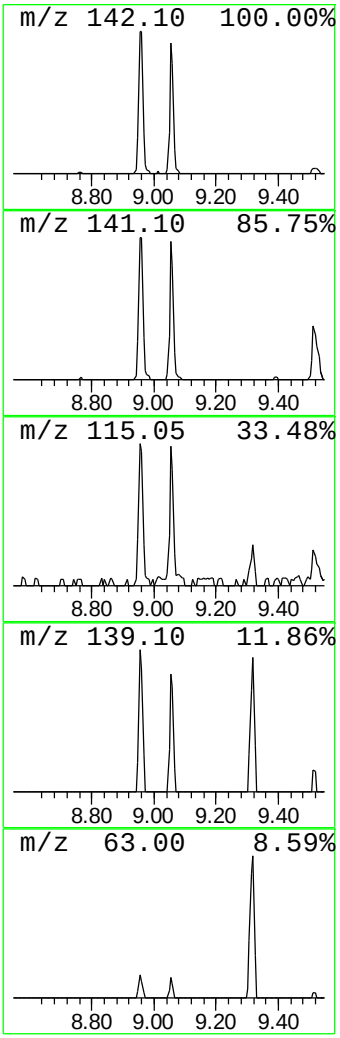
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.48 ng	56762	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Library Search Compound Report

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Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

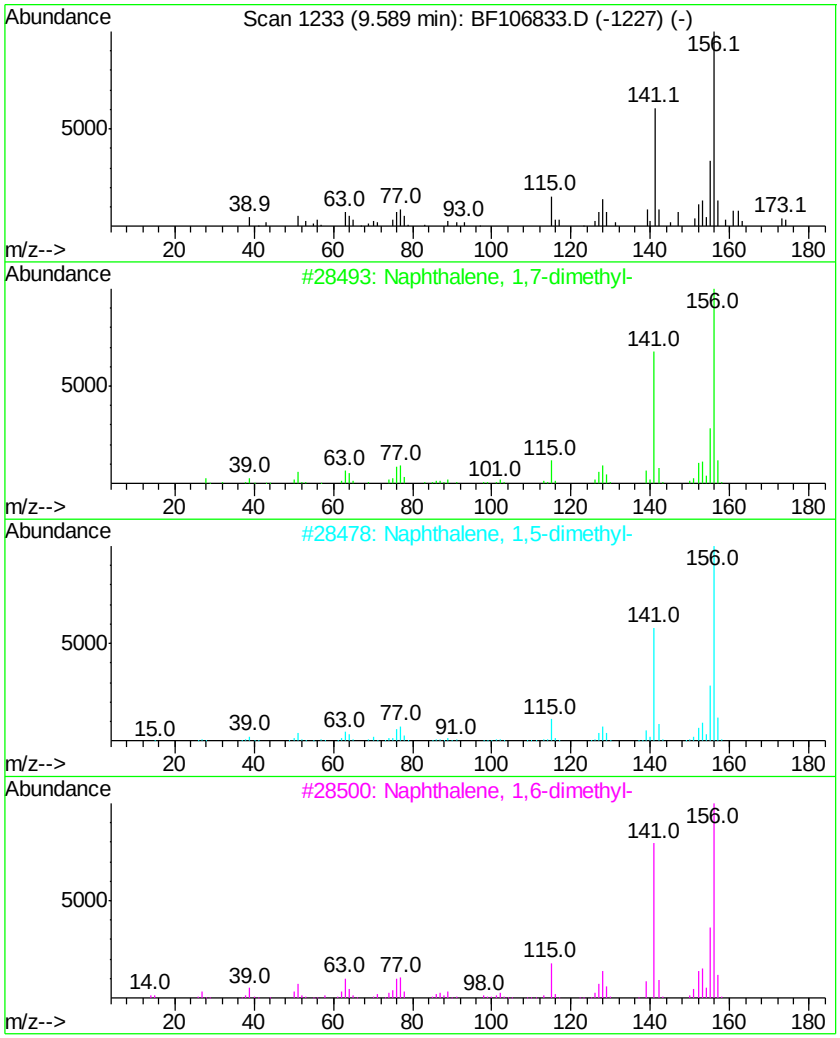
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

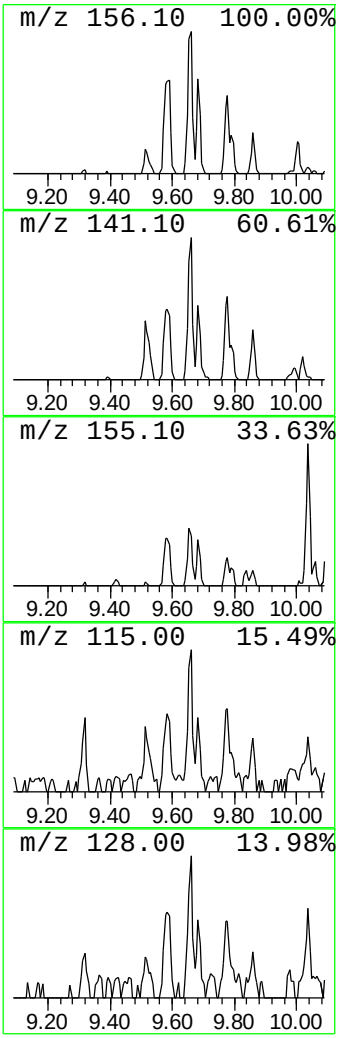
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.96 ng	83336	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

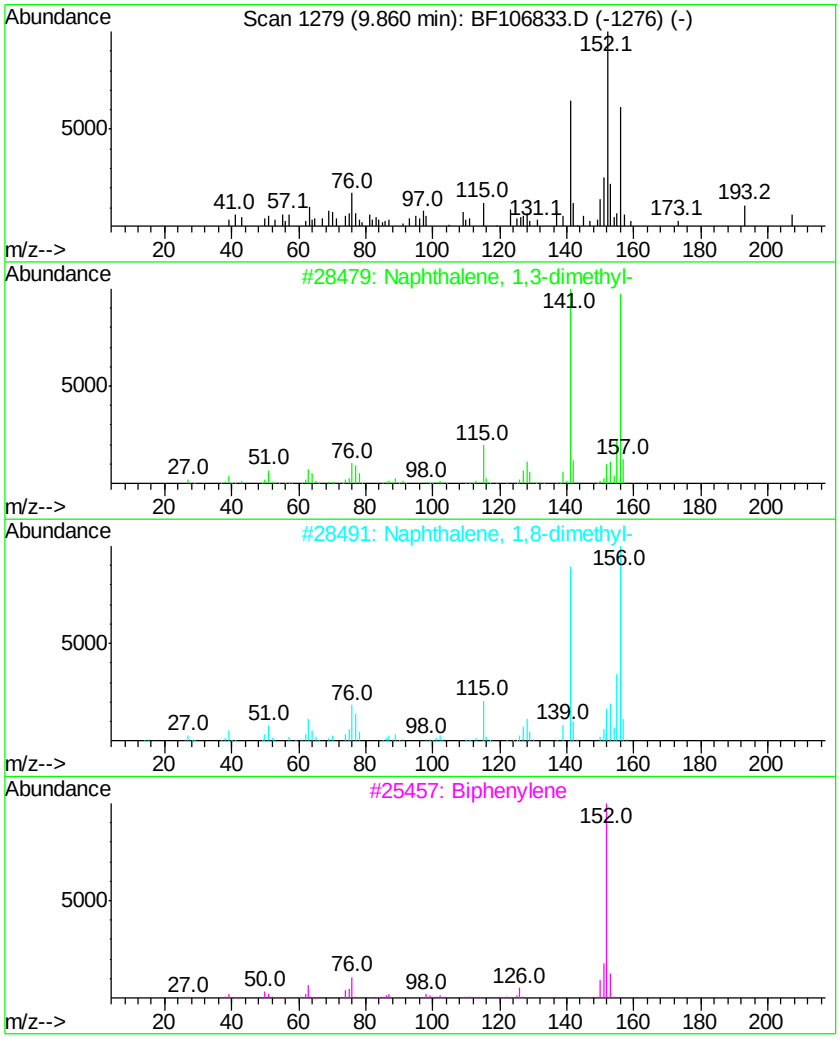
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

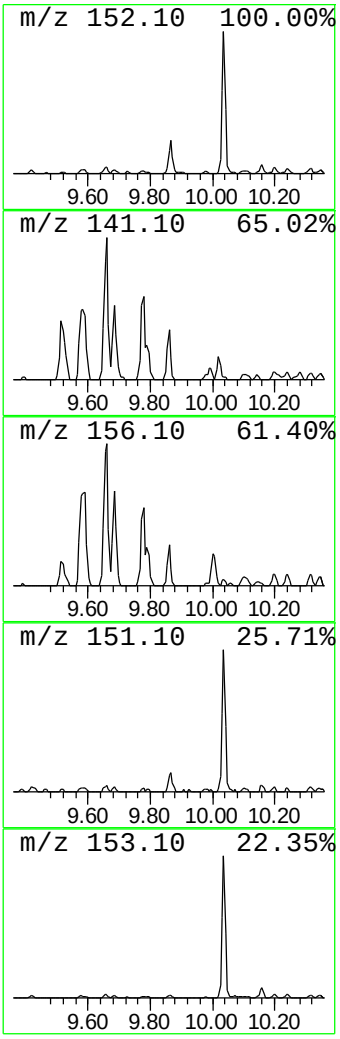
****

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	3.37 ng	56639	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	55
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	51
3	Biphenylene	152	C12H8	000259-79-0	43
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	42
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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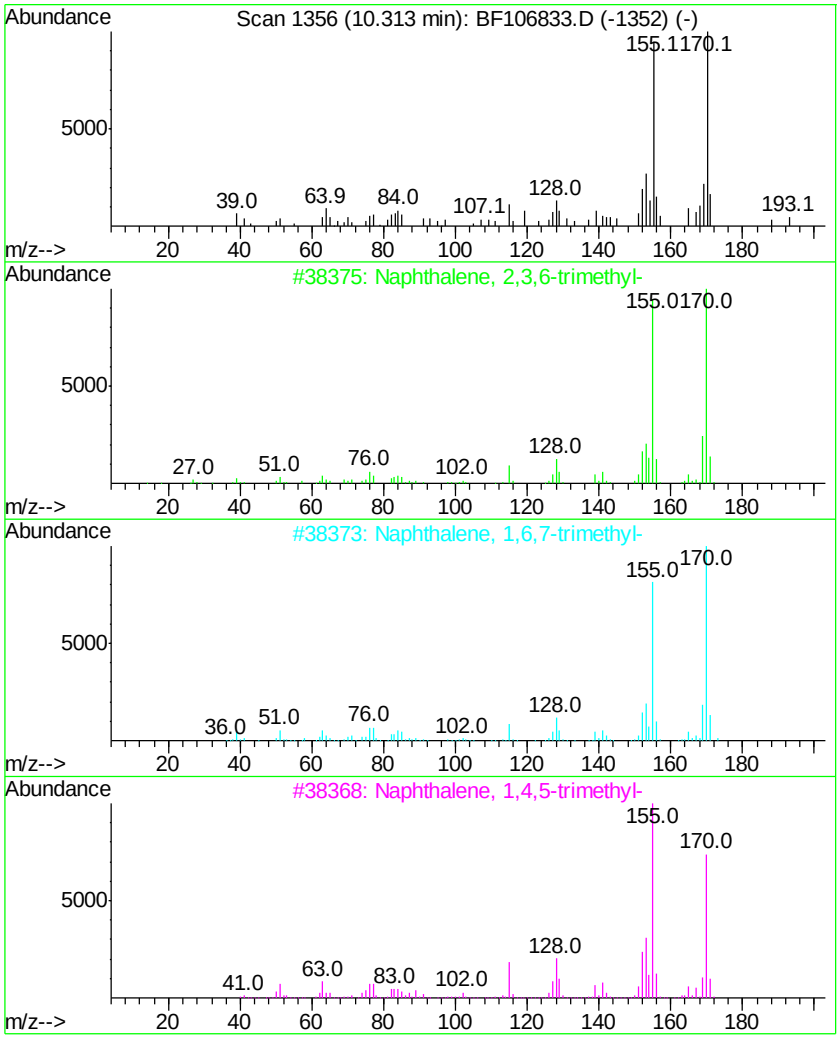
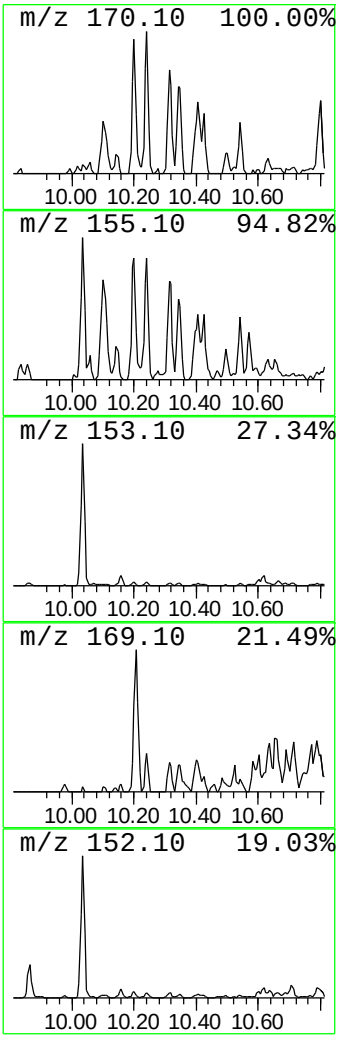
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.06 ng	68075	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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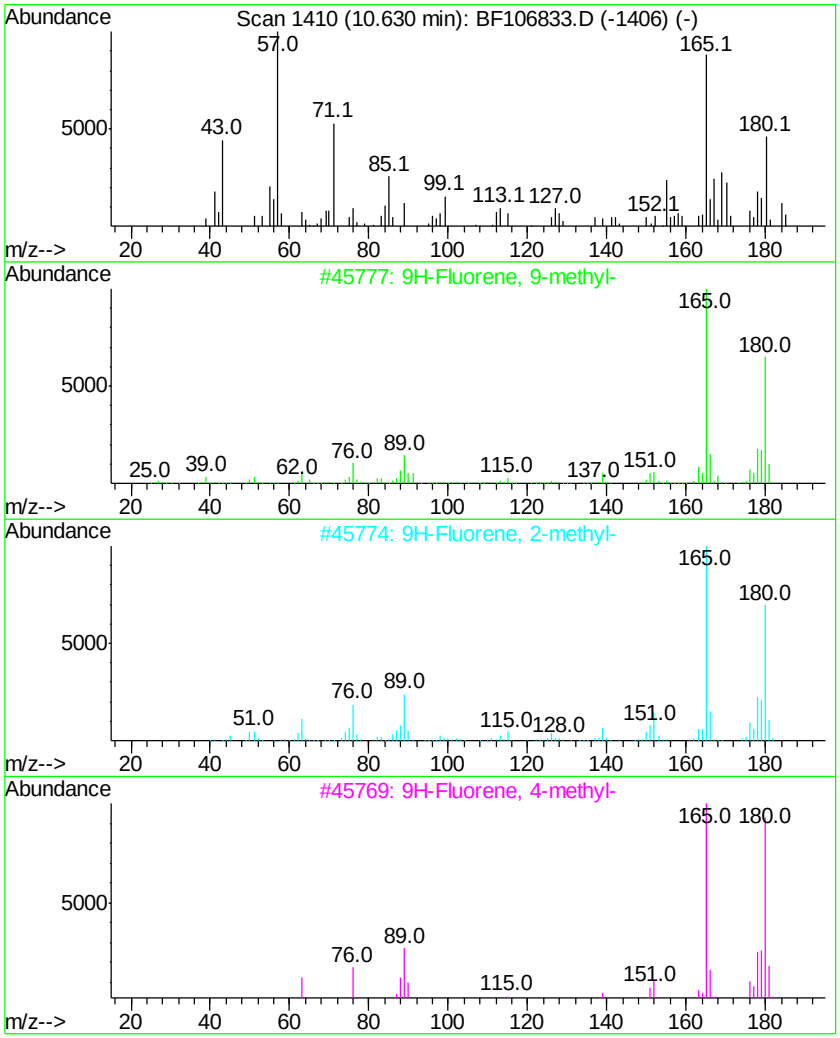
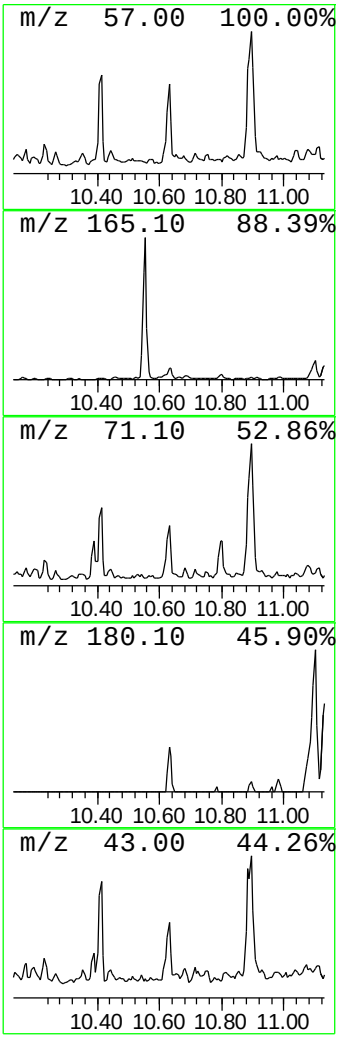
Peak Number 9 9H-Fluorene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	6.43 ng	107892	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	41
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	41
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	38





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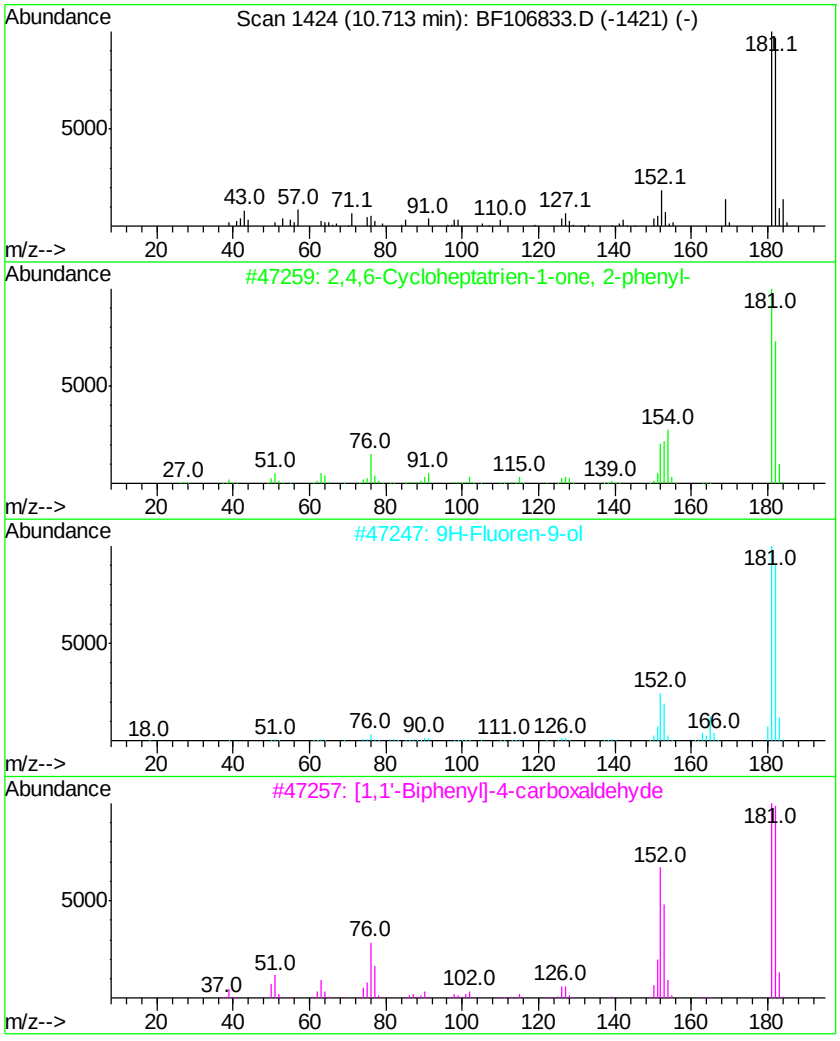
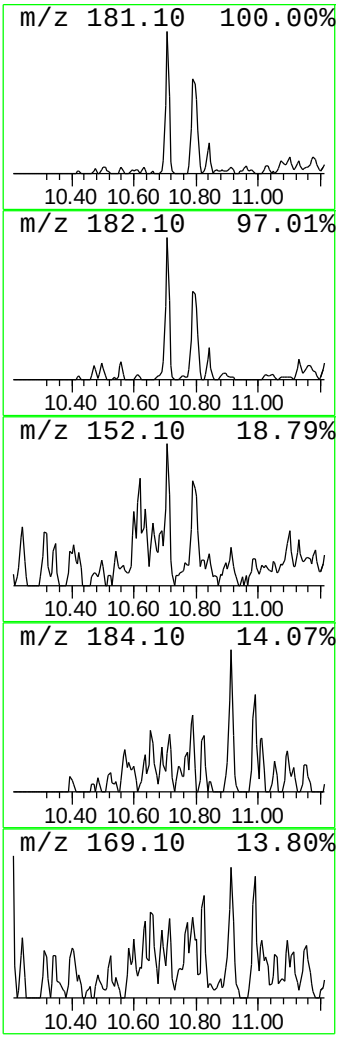
Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.07 ng	68365	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	53





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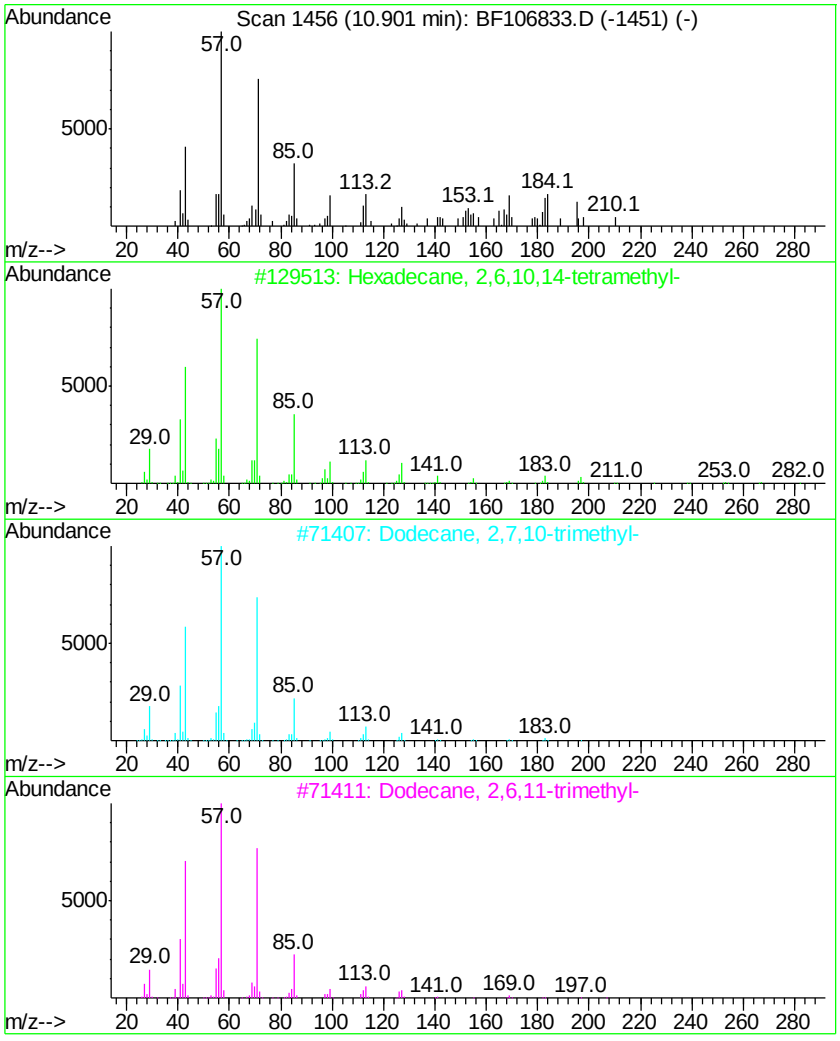
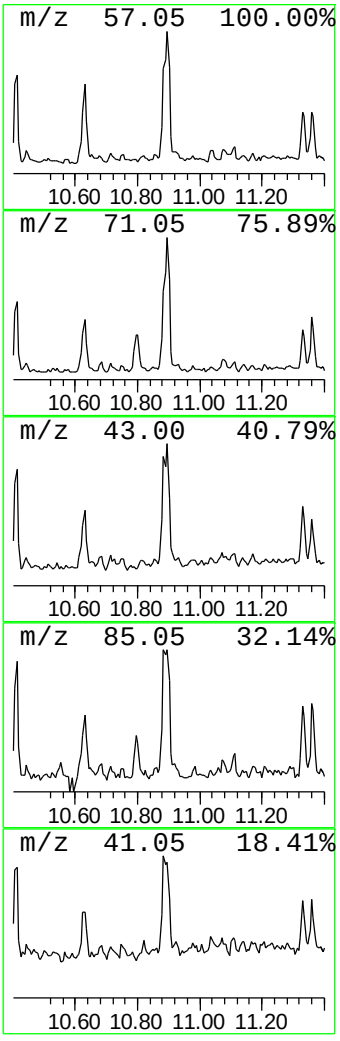
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	5.55 ng	91127	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	47
5	Heptacosane	380	C27H56	000593-49-7	47





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Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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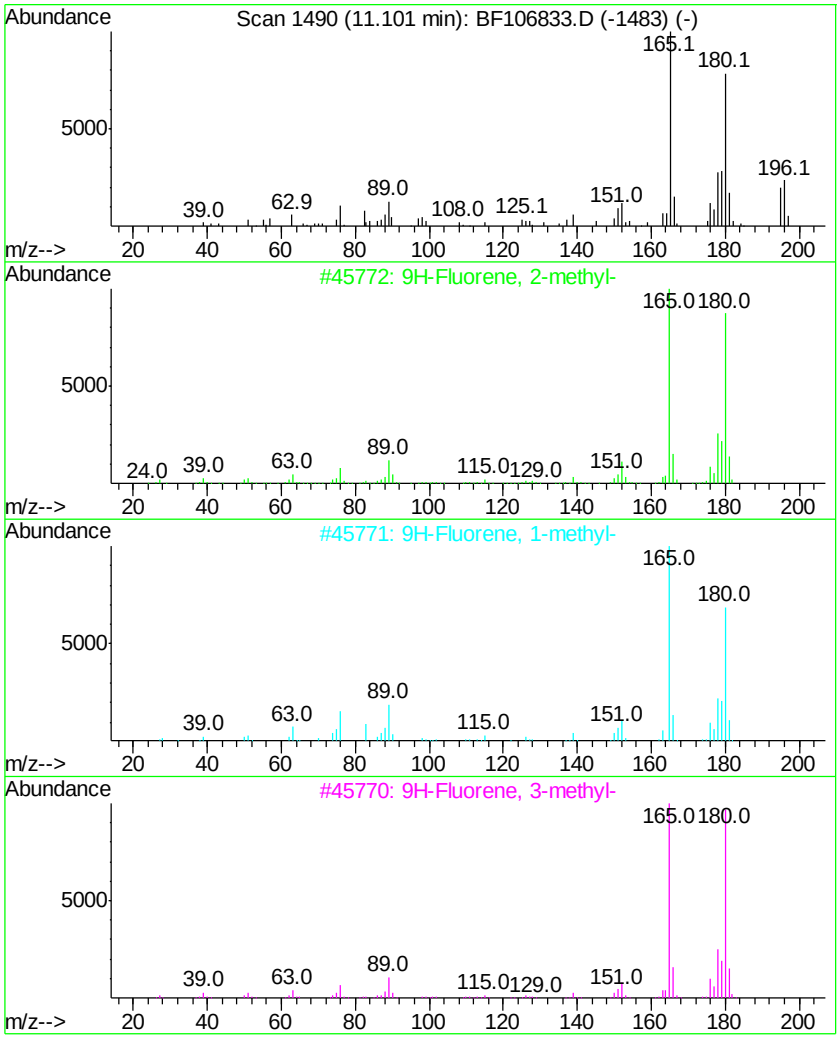
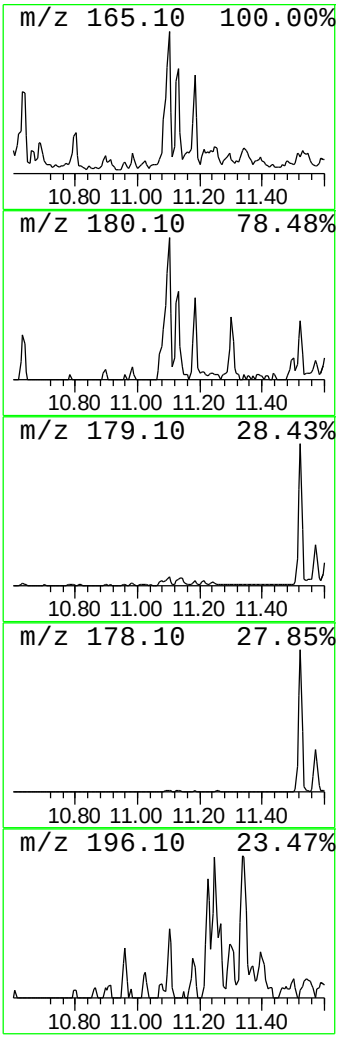
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.69 ng	76992	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





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Misc :
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Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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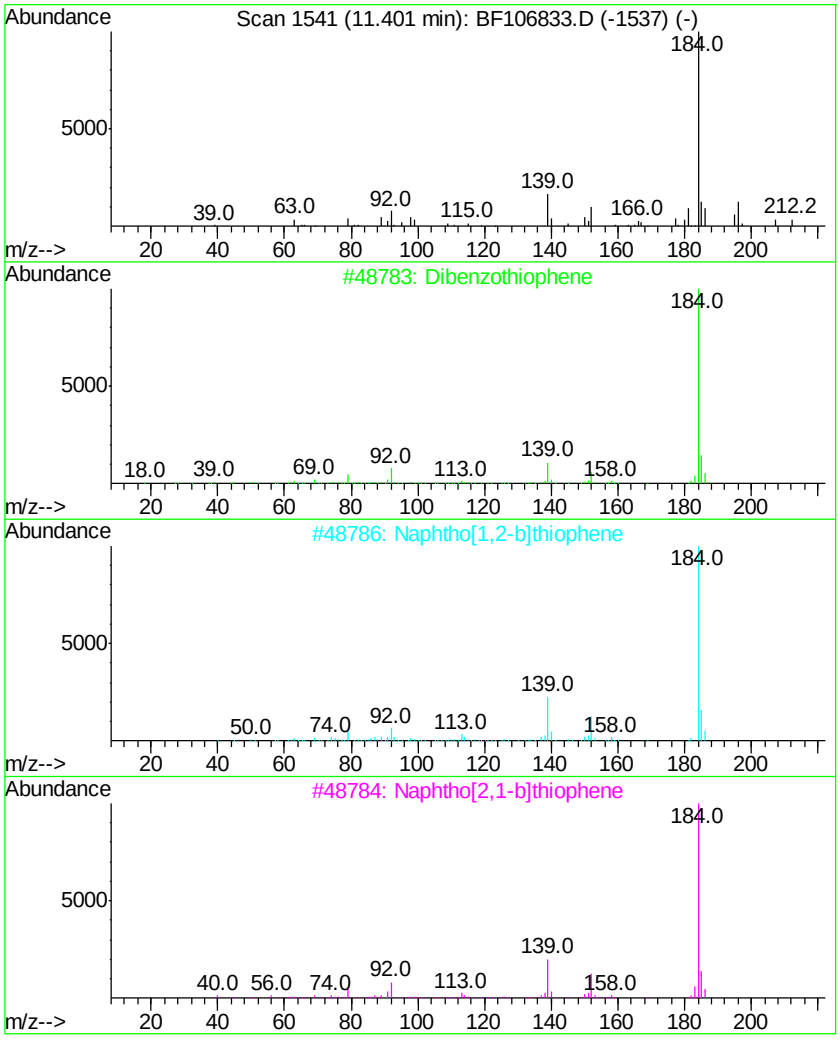
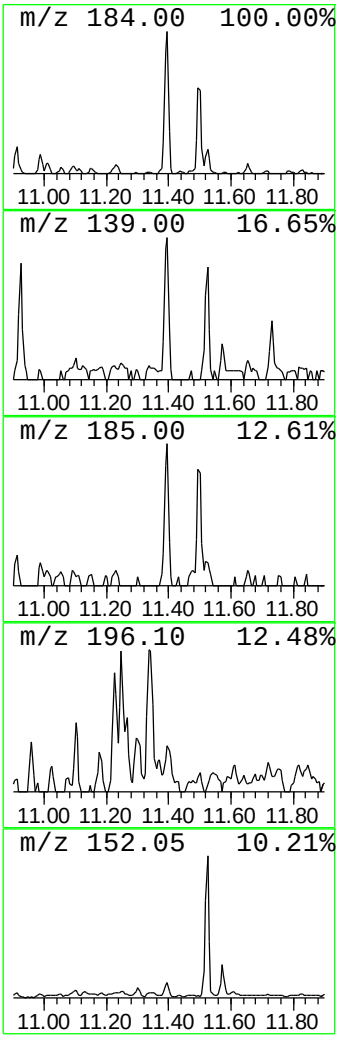
Peak Number 13 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.50 ng	73969	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





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Instrument : BNA_F
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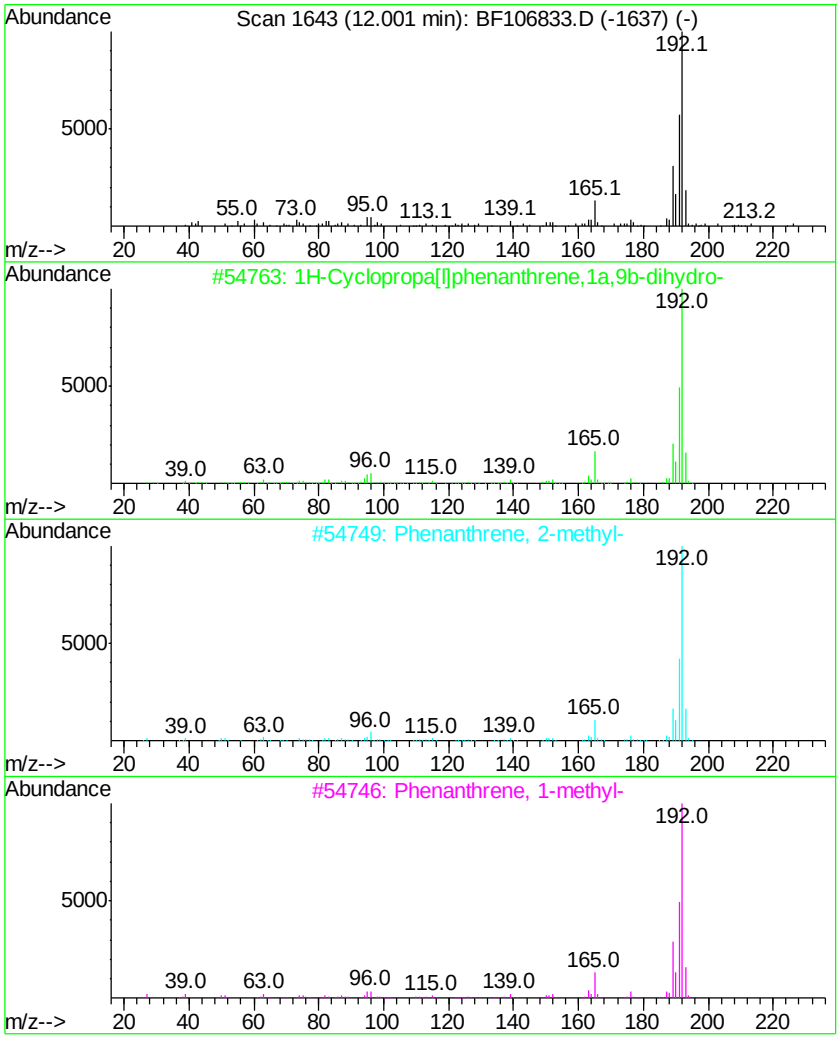
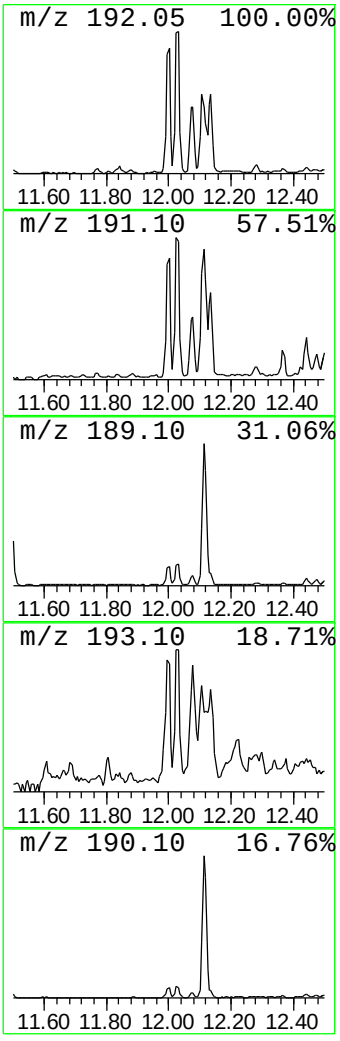
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.44 ng	122208	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Instrument : BNA_F
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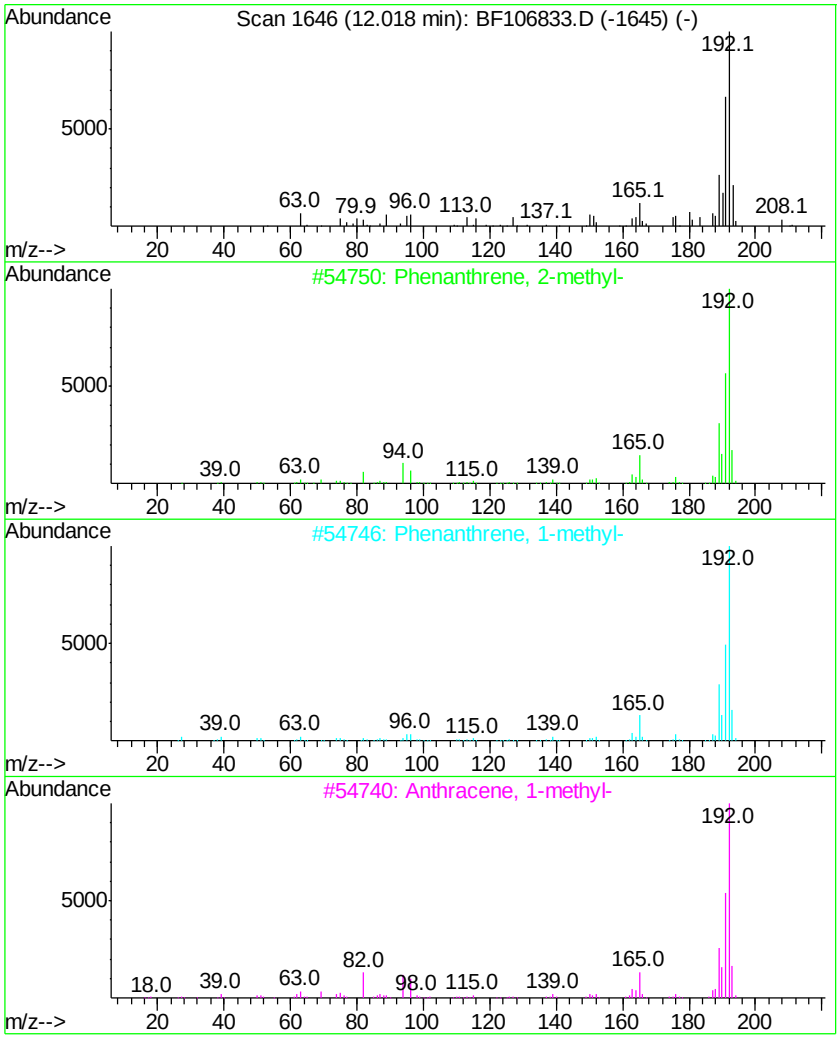
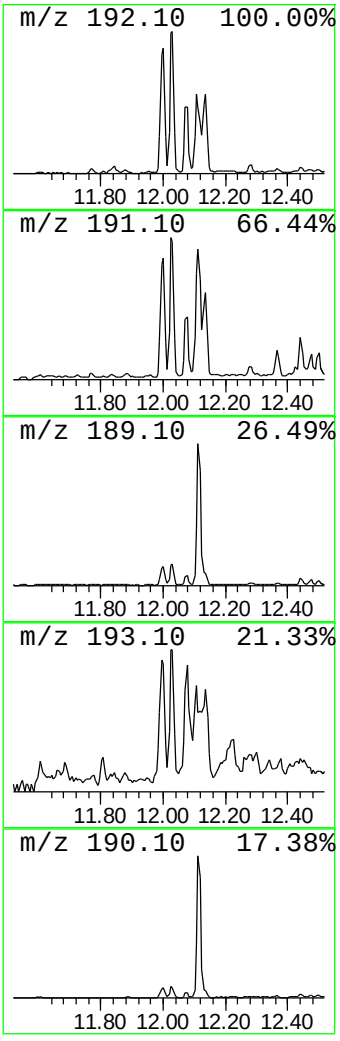
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.51 ng	106996	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





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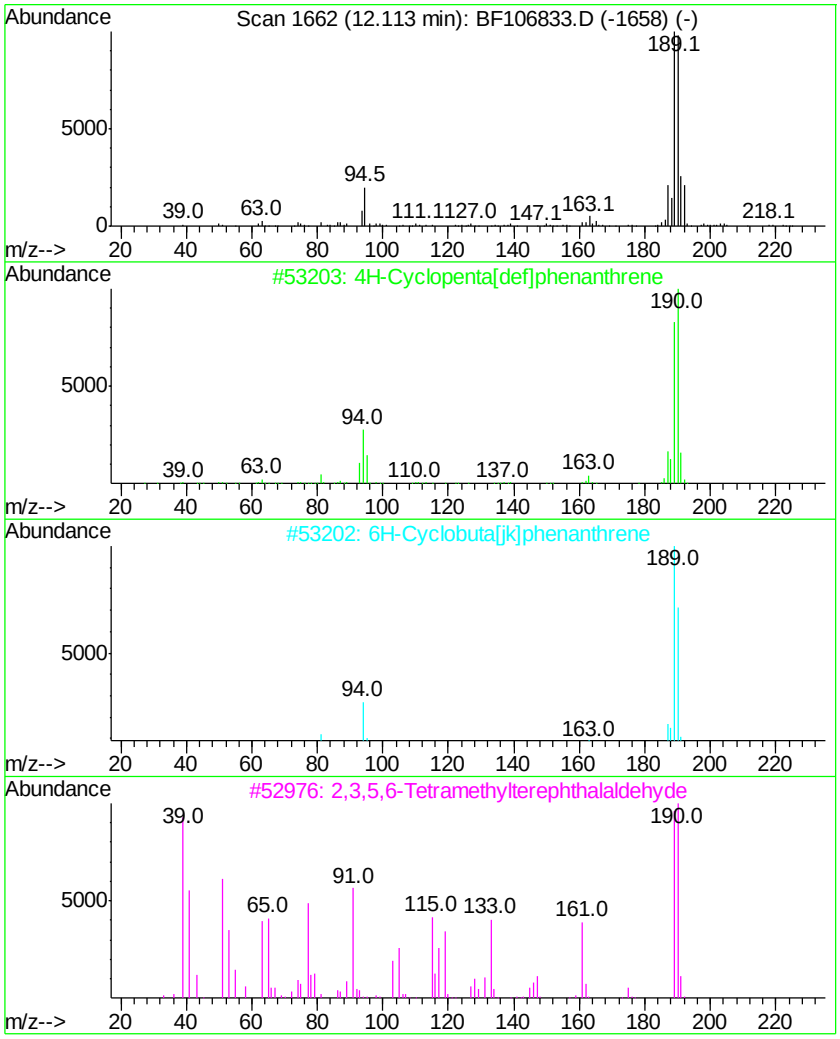
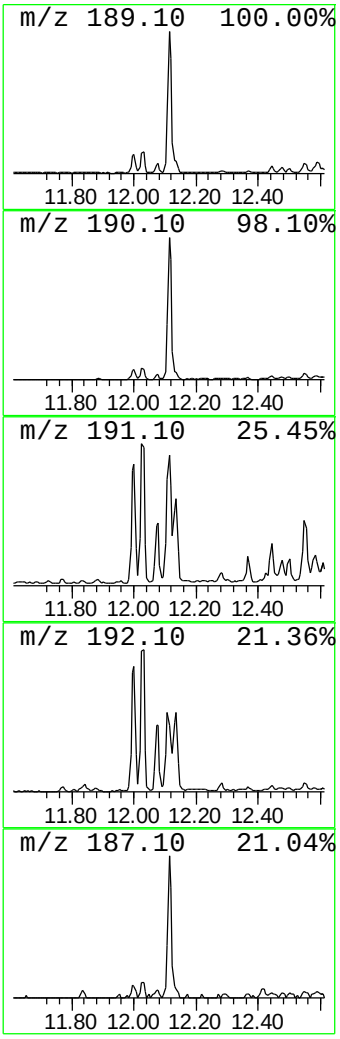
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	15.30 ng	251227	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	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	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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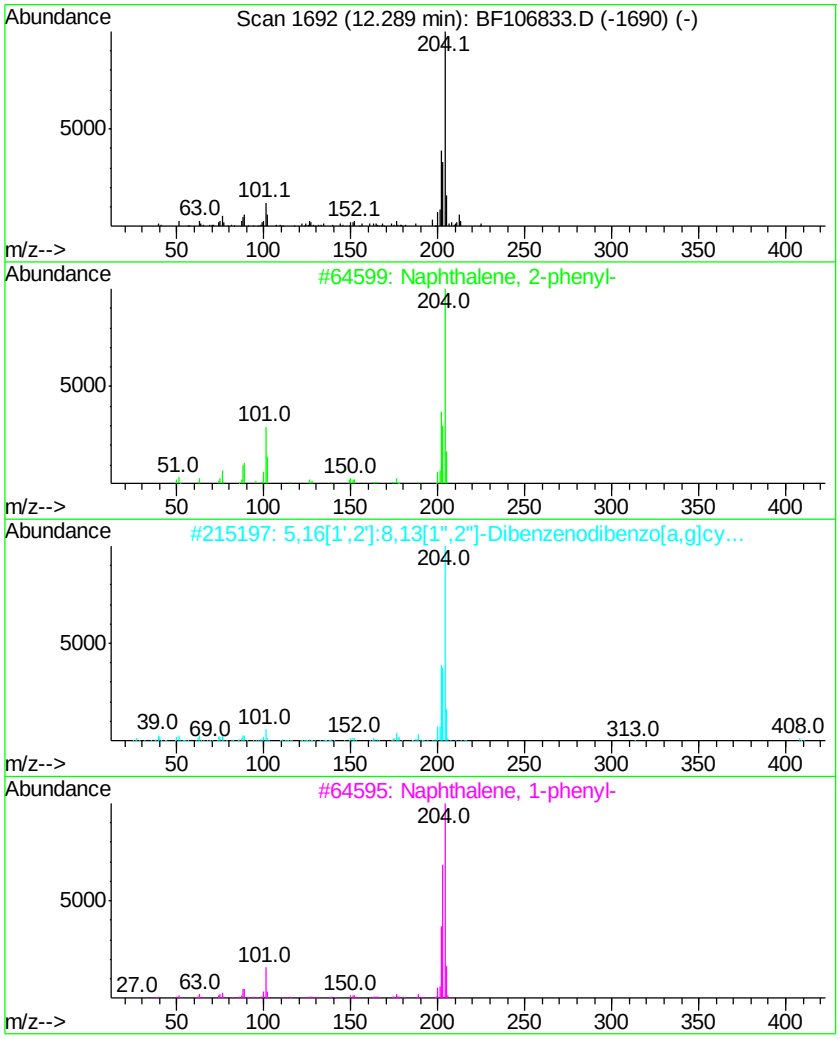
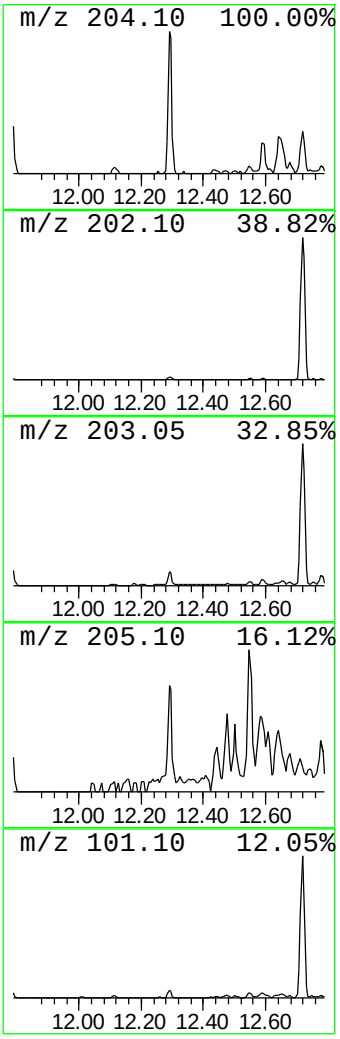
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.22 ng	52958	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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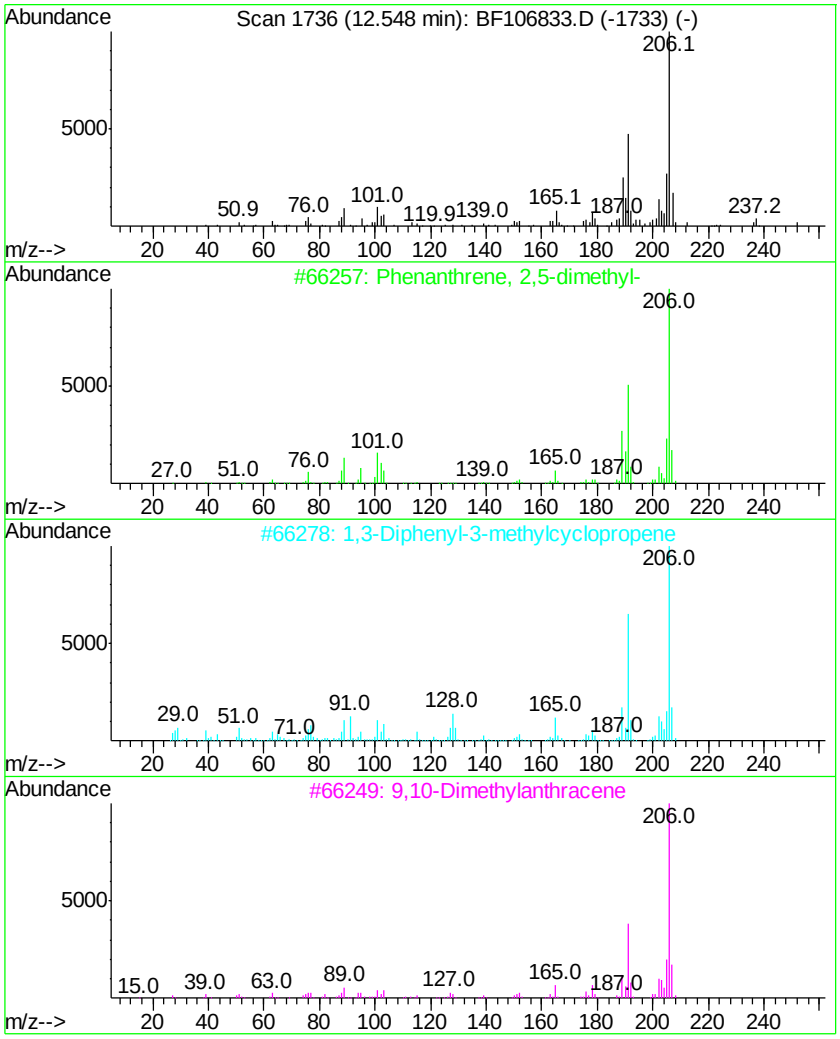
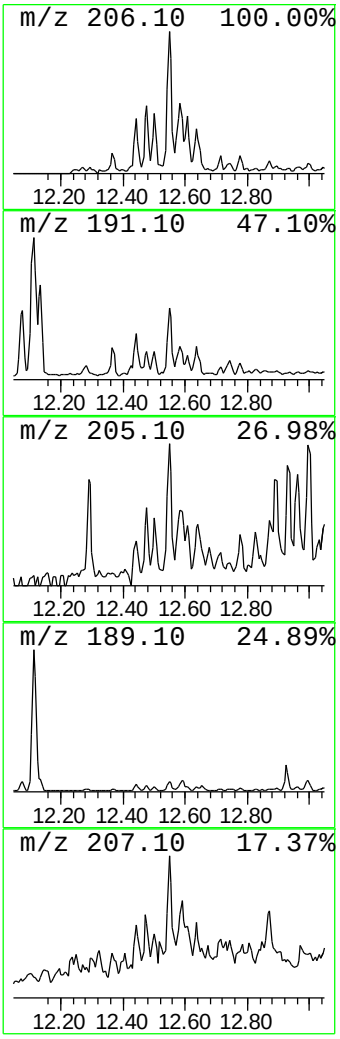
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.05 ng	82888	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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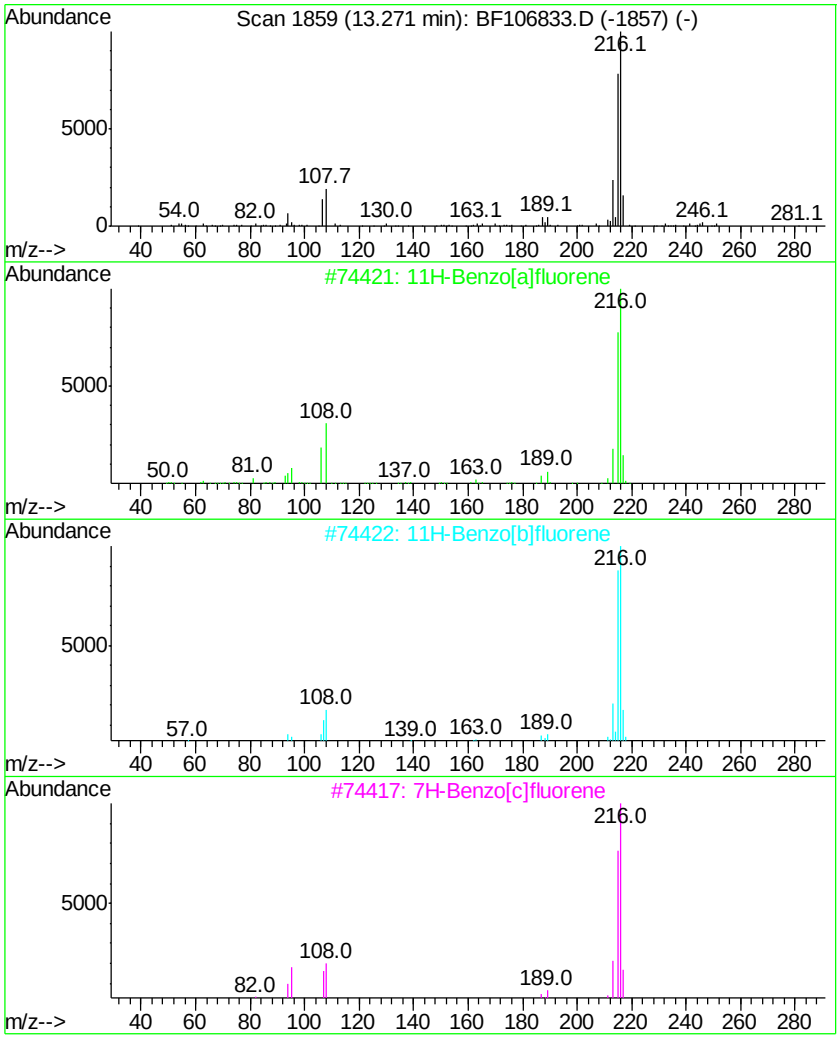
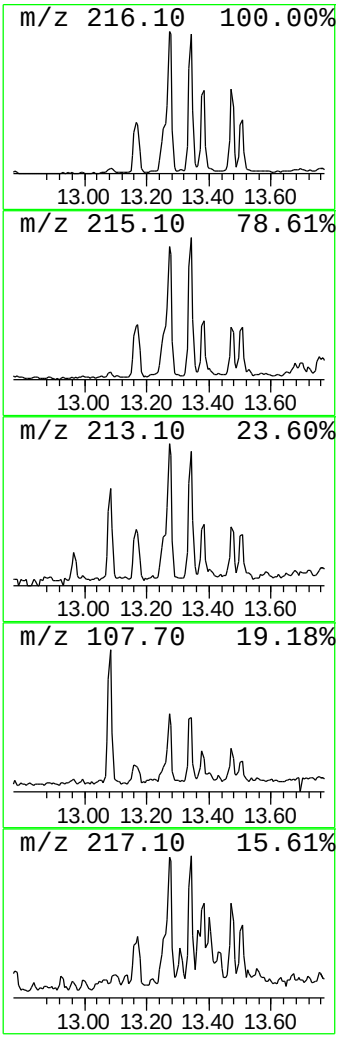
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.71 ng	114076	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

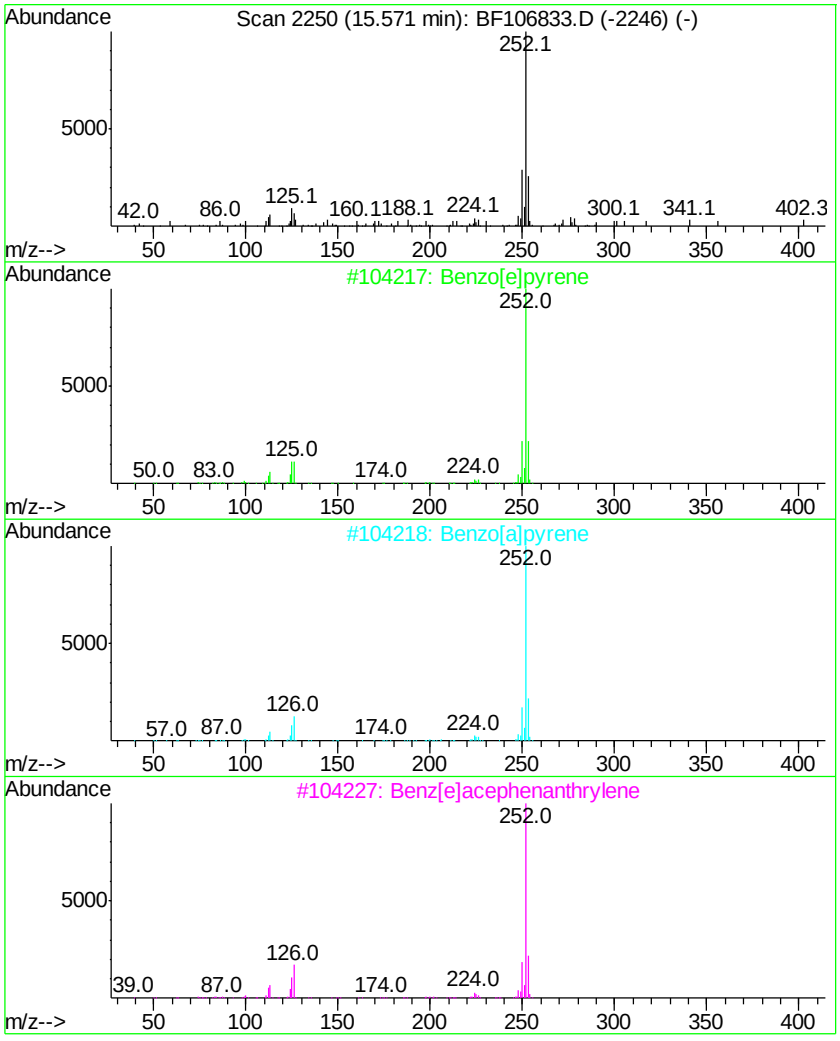
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

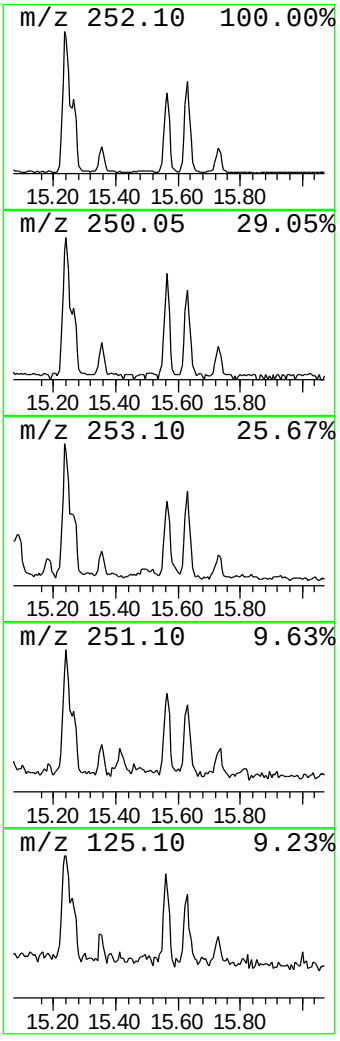
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.87 ng	86075	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106833.D
Acq On : 26 Jun 2018 19:53
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	5.9	ng	84160	1	6.96	283640	20.0
unknown6.74	6.74	70.2	ng	994979	1	6.96	283640	20.0
Naphthalene, 2-me...	9.05	3.5	ng	56762	2	8.24	326120	20.0
Naphthalene, 1,7-...	9.59	5.0	ng	83336	3	10.00	335750	20.0
Naphthalene, 1,3-...	9.86	3.4	ng	56639	3	10.00	335750	20.0
Naphthalene, 2,3,...	10.31	4.1	ng	68075	3	10.00	335750	20.0
9H-Fluorene, 9-me...	10.63	6.4	ng	107892	3	10.00	335750	20.0
2,4,6-Cycloheptat...	10.71	4.1	ng	68365	3	10.00	335750	20.0
Hexadecane, 2,6,1...	10.90	5.5	ng	91127	4	11.49	328472	20.0
9H-Fluorene, 2-me...	11.10	4.7	ng	76992	4	11.49	328472	20.0
Dibenzothiophene	11.40	4.5	ng	73969	4	11.49	328472	20.0
1H-Cyclopropa[l]p...	12.00	7.4	ng	122208	4	11.49	328472	20.0
Phenanthrene, 2-m...	12.02	6.5	ng	106996	4	11.49	328472	20.0
4H-Cyclopenta[def...	12.11	15.3	ng	251227	4	11.49	328472	20.0
Naphthalene, 2-ph...	12.29	3.2	ng	52958	4	11.49	328472	20.0
Phenanthrene, 2,5...	12.55	5.0	ng	82888	4	11.49	328472	20.0
11H-Benzo[a]fluorene	13.27	3.7	ng	114076	5	14.15	614688	20.0
Benzo[e]pyrene	15.57	7.9	ng	86075	6	15.70	218862	20.0