LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
Acq On : 3 Jul 2018 19:51
Operator : JU/SJ
Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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	5.178	480	483	494	rBV	49638	55578	7.34%	0.455%
2	5.596	551	554	570	rBV	485208	510541	67.47%	4.181%
3	6.601	721	725	744	rBV	481313	509932	67.39%	4.176%
4	6.731	744	747	759	rVV	590291	515156	68.08%	4.219%
5	6.954	782	785	789	rBV	357991	279787	36.97%	2.291%
6	7.113	808	812	815	rBV	452847	408590	54.00%	3.346%
7	7.519	877	881	896	rBV	295453	269479	35.61%	2.207%
8	8.242	1000	1004	1031	rBV	295856	331278	43.78%	2.713%
9	8.954	1122	1125	1132	rBB	18308	19301	2.55%	0.158%
10	9.054	1139	1142	1149	rBB	22324	21135	2.79%	0.173%
11	9.307	1182	1185	1195	rVB	530647	514932	68.05%	4.217%
12	9.578	1228	1231	1237	rBB	11715	14826	1.96%	0.121%
13	9.654	1241	1244	1247	rBV	22791	23812	3.15%	0.195%
14	9.683	1247	1249	1250	rVV	14956	13113	1.73%	0.107%
15	9.701	1250	1252	1260	rVV	39911	41311	5.46%	0.338%
16	9.772	1262	1264	1271	rBB2	10084	13008	1.72%	0.107%
17	9.860	1276	1279	1283	rBV2	22168	21542	2.85%	0.176%
18	10.001	1299	1303	1306	rBV	336251	320272	42.33%	2.623%
19	10.031	1306	1308	1314	rVB	27011	23877	3.16%	0.196%
20	10.207	1333	1338	1341	rBV2	11766	18407	2.43%	0.151%
21	10.313	1353	1356	1358	rBV2	10772	10320	1.36%	0.085%
22	10.401	1368	1371	1373	rBV	11054	7837	1.04%	0.064%
23	10.548	1392	1396	1403	rVB	41113	42258	5.58%	0.346%
24	10.613	1406	1407	1413	rVB4	6674	9699	1.28%	0.079%
25	10.795	1434	1438	1449	rVB	340742	321257	42.46%	2.631%
26	10.878	1449	1452	1455	rBV2	8297	8940	1.18%	0.073%
27	11.095	1484	1489	1492	rBV2	20772	25920	3.43%	0.212%
28	11.125	1492	1494	1497	rVV2	16319	13313	1.76%	0.109%
29	11.178	1501	1503	1506	rVB	10613	9023	1.19%	0.074%
30	11.248	1512	1515	1519	rVB2	6952	9862	1.30%	0.081%
31	11.301	1521	1524	1526	rVV	14060	13172	1.74%	0.108%
32	11.330	1526	1529	1536	rVV3	10265	17961	2.37%	0.147%
33	11.389	1536	1539	1543	rVB	19646	17815	2.35%	0.146%
34	11.495	1553	1557	1559	rBV	430653	378193	49.98%	3.097%

LSC Area Percent Report

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Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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	11.519	1559	1561	1564	rVV	388696	302518	39.98%	2.477%
36	11.572	1564	1570	1573	rVV	123294	104433	13.80%	0.855%
37	11.607	1573	1576	1580	rVB2	12247	14735	1.95%	0.121%
38	11.730	1592	1597	1604	rBV	69919	73849	9.76%	0.605%
39	11.830	1610	1614	1617	rVB2	18214	19399	2.56%	0.159%
40	11.913	1624	1628	1633	rVB3	11135	13996	1.85%	0.115%
41	11.995	1639	1642	1644	rBV	87286	74266	9.81%	0.608%
42	12.025	1644	1647	1651	rVB	114844	98640	13.04%	0.808%
43	12.072	1651	1655	1658	rBV	48188	41434	5.48%	0.339%
44	12.113	1658	1662	1664	rVV2	138225	161376	21.33%	1.322%
45	12.130	1664	1665	1669	rVB	64840	43004	5.68%	0.352%
46	12.230	1680	1682	1685	rVB2	10493	8977	1.19%	0.074%
47	12.289	1689	1692	1696	rVV	53747	52139	6.89%	0.427%
48	12.324	1696	1698	1701	rVB	33169	27198	3.59%	0.223%
49	12.419	1712	1714	1715	rBV2	10077	7791	1.03%	0.064%
50	12.436	1715	1717	1720	rVV	23570	21283	2.81%	0.174%
51	12.472	1720	1723	1725	rVV	32214	24093	3.18%	0.197%
52	12.495	1725	1727	1730	rVB2	28036	20275	2.68%	0.166%
53	12.548	1732	1736	1738	rBV	82972	85781	11.34%	0.702%
54	12.583	1738	1742	1744	rVV3	45892	58064	7.67%	0.476%
55	12.601	1744	1745	1748	rVB	22915	17149	2.27%	0.140%
56	12.642	1748	1752	1760	rVB4	57109	83062	10.98%	0.680%
57	12.719	1760	1765	1768	rBV	775251	748417	98.91%	6.129%
58	12.748	1768	1770	1772	rVB2	16031	12870	1.70%	0.105%
59	12.777	1772	1775	1778	rVB	29607	27629	3.65%	0.226%
60	12.813	1778	1781	1783	rBV	17939	16678	2.20%	0.137%
61	12.866	1785	1790	1792	rBV3	34928	36940	4.88%	0.303%
62	12.889	1792	1794	1797	rVB3	19073	16728	2.21%	0.137%
63	12.924	1797	1800	1801	rBV	145925	127396	16.84%	1.043%
64	12.948	1801	1804	1809	rVB	785068	695255	91.88%	5.694%
65	12.995	1809	1812	1815	rVB	49746	51741	6.84%	0.424%
66	13.077	1815	1826	1829	rBV	753594	754867	99.76%	6.182%
67	13.107	1829	1831	1835	rVB	47691	48137	6.36%	0.394%
68	13.166	1835	1841	1845	rBV3	73071	128730	17.01%	1.054%
69	13.201	1845	1847	1848	rBV	16505	12840	1.70%	0.105%
70	13.254	1851	1856	1857	rBV3	59177	81329	10.75%	0.666%
71	13.271	1857	1859	1862	rVB	133043	122739	16.22%	1.005%

LSC Area Percent Report

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Sample : J3245-17 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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

72	13.336	1867	1870	1873	rBV	96391	81716	10.80%	0.669%
73	13.377	1873	1877	1880	rBV2	93381	108614	14.35%	0.889%
74	13.430	1884	1886	1890	rBV3	16764	21319	2.82%	0.175%
75	13.471	1890	1893	1896	rBV	62375	60365	7.98%	0.494%
76	13.501	1896	1898	1901	rVV	56045	50568	6.68%	0.414%
77	13.566	1907	1909	1911	rBV2	16925	18137	2.40%	0.149%
78	13.624	1916	1919	1920	rBV	23886	21627	2.86%	0.177%
79	13.754	1938	1941	1944	rBV4	28281	40446	5.35%	0.331%
80	13.789	1944	1947	1950	rVV	67183	69501	9.18%	0.569%
81	13.842	1954	1956	1960	rVB	17603	13943	1.84%	0.114%
82	13.895	1960	1965	1967	rBV	71346	82705	10.93%	0.677%
83	13.919	1967	1969	1972	rVV	60450	56639	7.49%	0.464%
84	13.954	1972	1975	1980	rVV4	93706	130476	17.24%	1.069%
85	13.995	1980	1982	1985	rVB	37673	34097	4.51%	0.279%
86	14.148	2003	2008	2011	rBV2	502936	756693	100.00%	6.197%
87	14.177	2011	2013	2019	rVB	312279	262657	34.71%	2.151%
88	14.260	2024	2027	2032	rBV2	59075	79122	10.46%	0.648%
89	14.307	2032	2035	2040	rBV6	31860	49706	6.57%	0.407%
90	14.501	2066	2068	2070	rBV	35049	31978	4.23%	0.262%
91	14.542	2072	2075	2078	rVV	69031	70717	9.35%	0.579%
92	14.577	2079	2081	2085	rVB2	43255	46305	6.12%	0.379%
93	15.236	2189	2193	2196	rBV	190516	309112	40.85%	2.531%
94	15.348	2209	2212	2217	rVB	54756	65541	8.66%	0.537%
95	15.560	2245	2248	2253	rVB	107013	121915	16.11%	0.998%
96	15.630	2256	2260	2263	rBV	169743	210480	27.82%	1.724%
97	15.695	2267	2271	2274	rBV	178071	211076	27.89%	1.729%
98	17.283	2537	2541	2550	rVB	76539	158452	20.94%	1.298%

Sum of corrected areas: 12211112

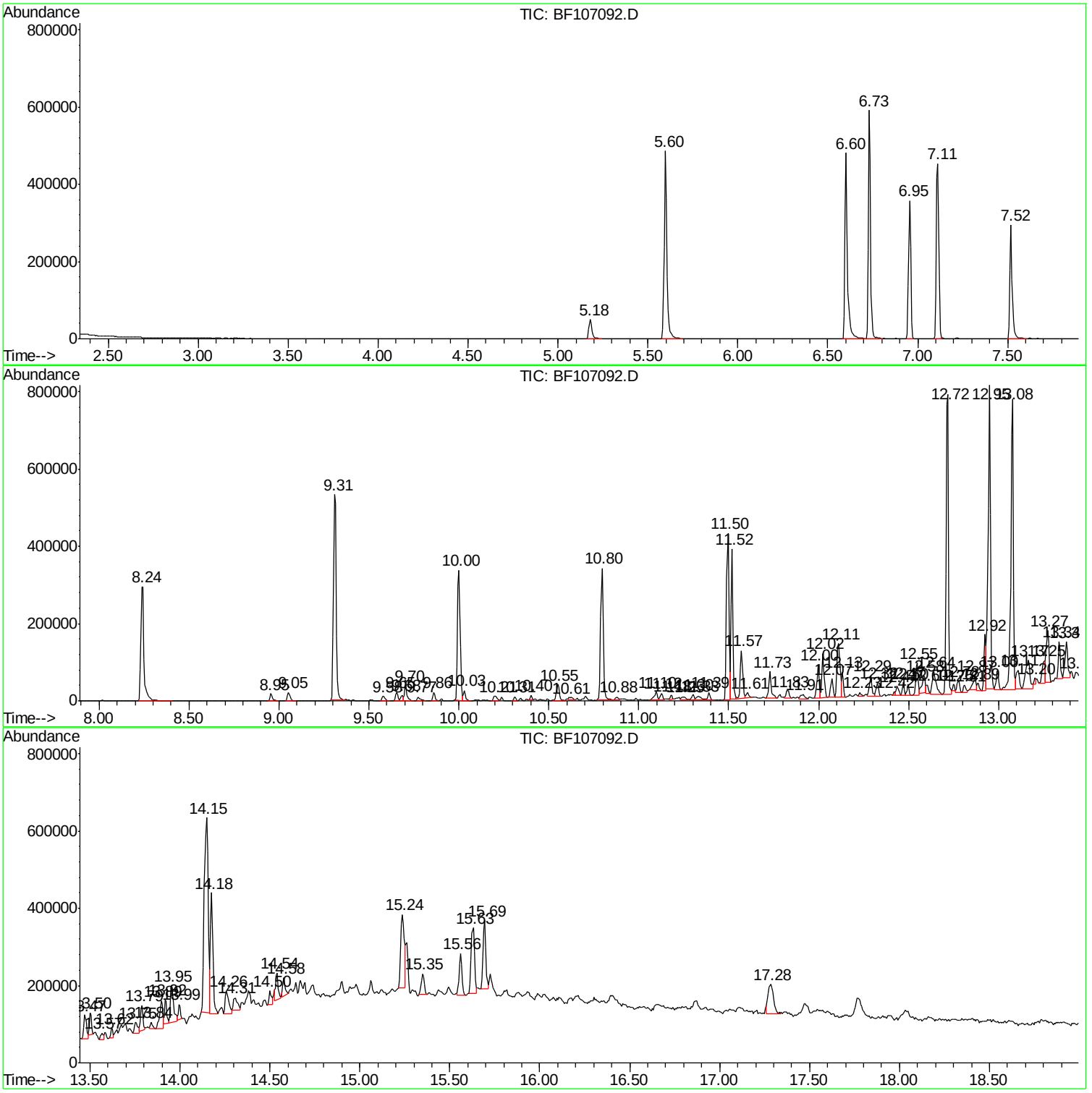
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
Acq On : 3 Jul 2018 19:51
Operator : JU/SJ
Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
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Sample : J3245-17 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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

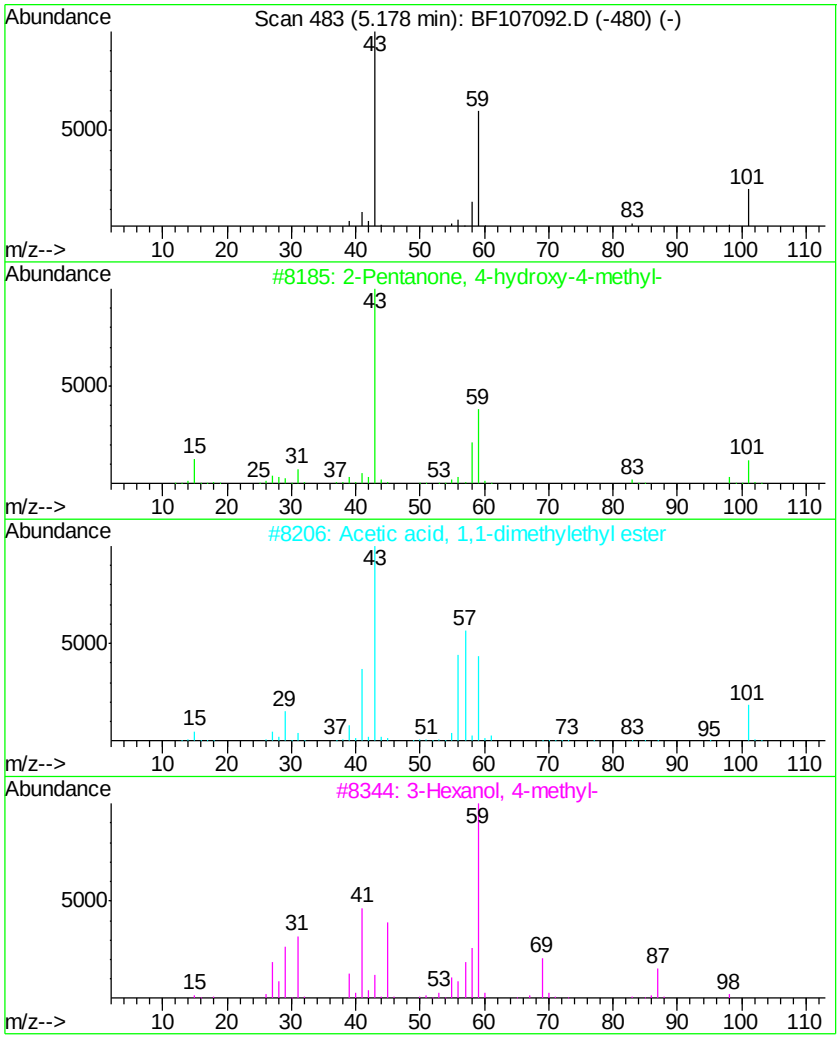
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

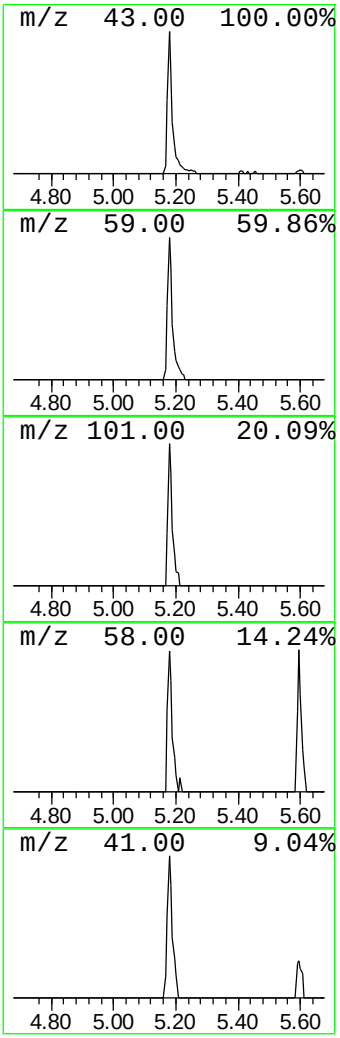
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.97 ng	55578	1,4-Dichlorobenzene-d4	6.95

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	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
Acq On : 3 Jul 2018 19:51
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Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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
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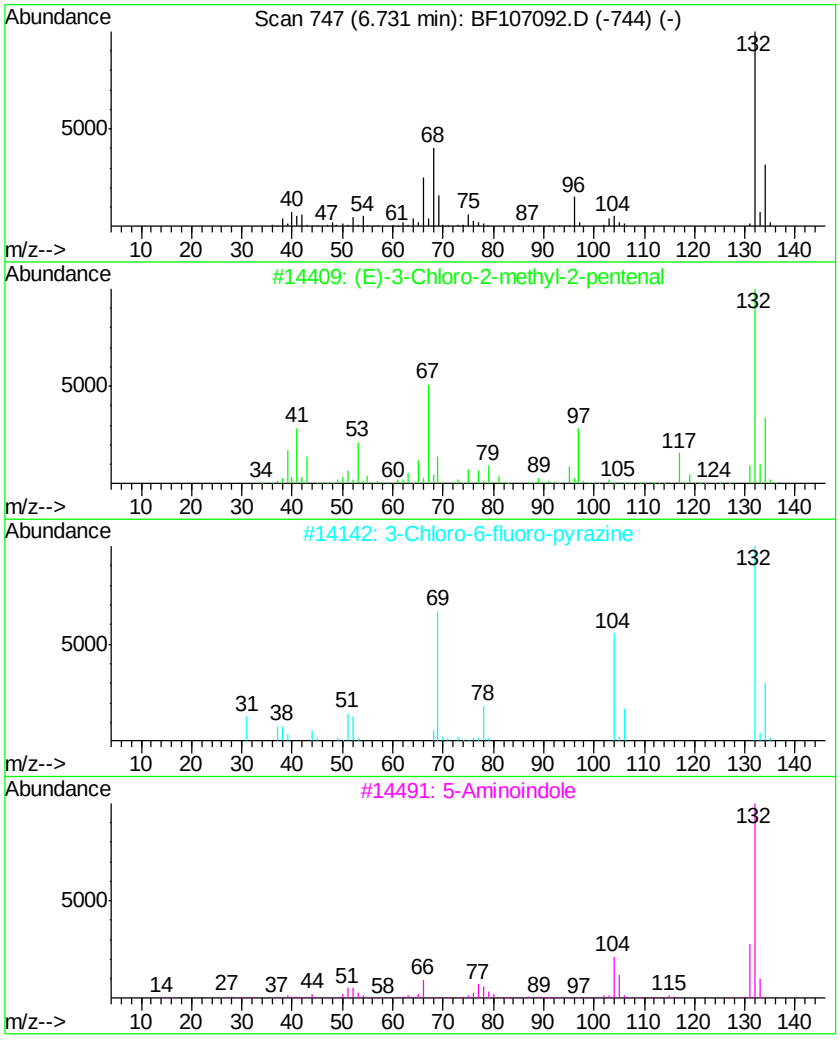
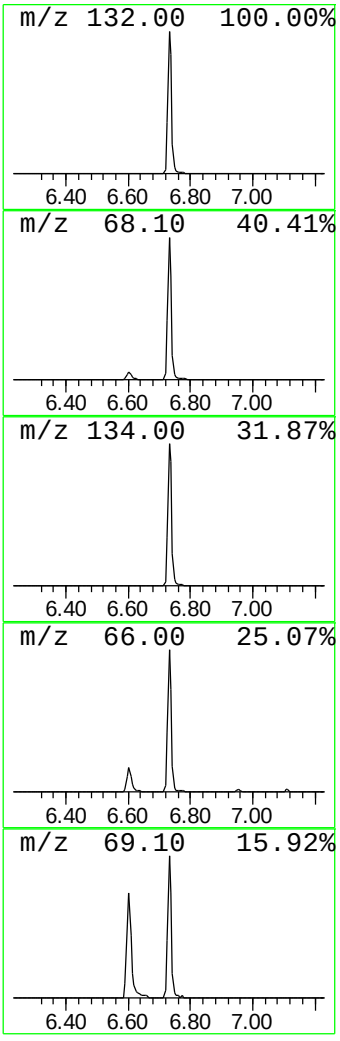
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	36.82 ng	515156	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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

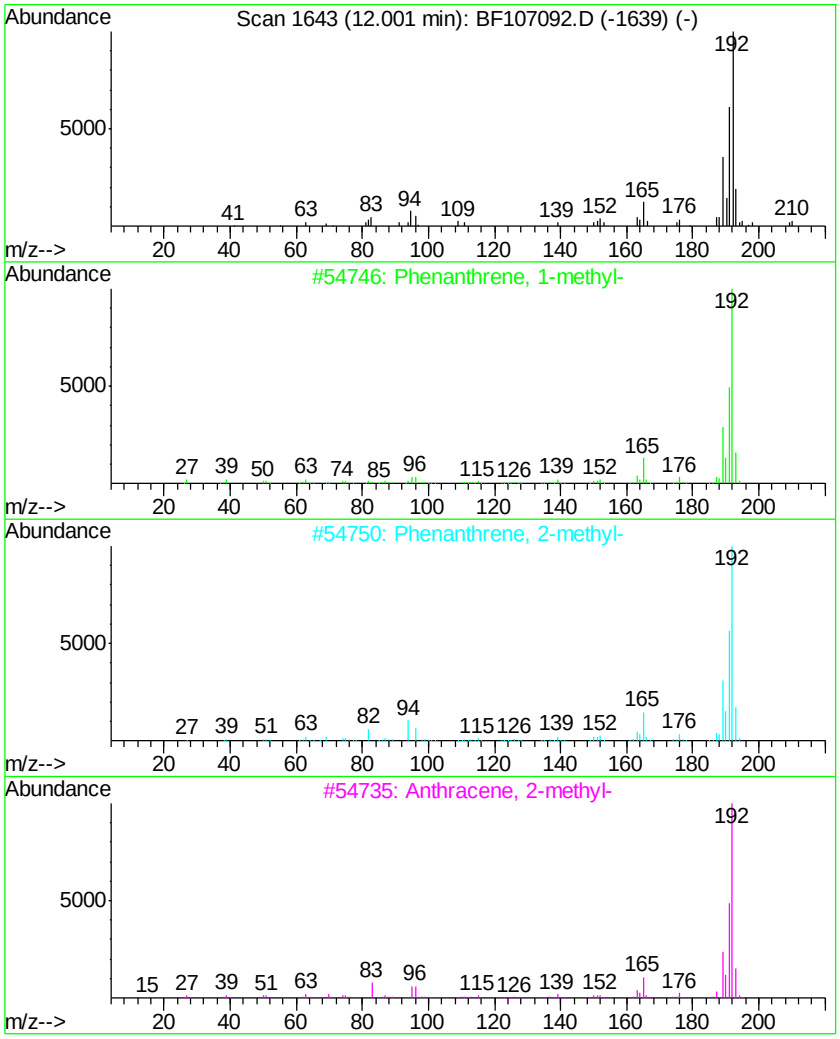
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

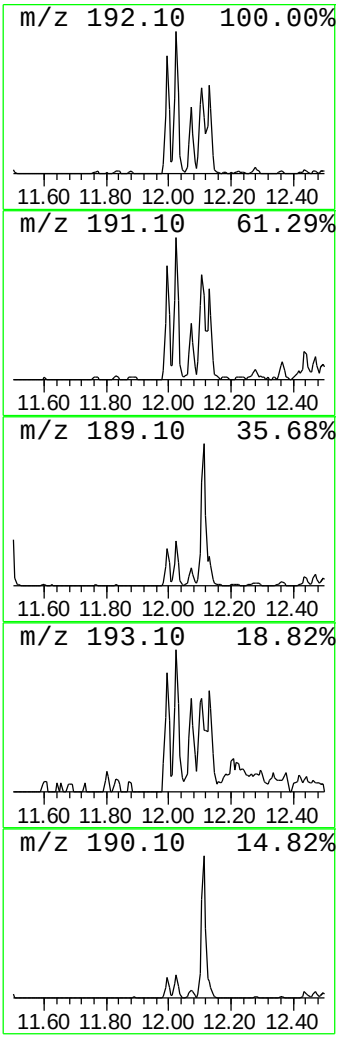
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.93 ng	74266	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Library Search Compound Report

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Acq On : 3 Jul 2018 19:51
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.22 ng	98640	Phenanthrene-d10	11.50

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
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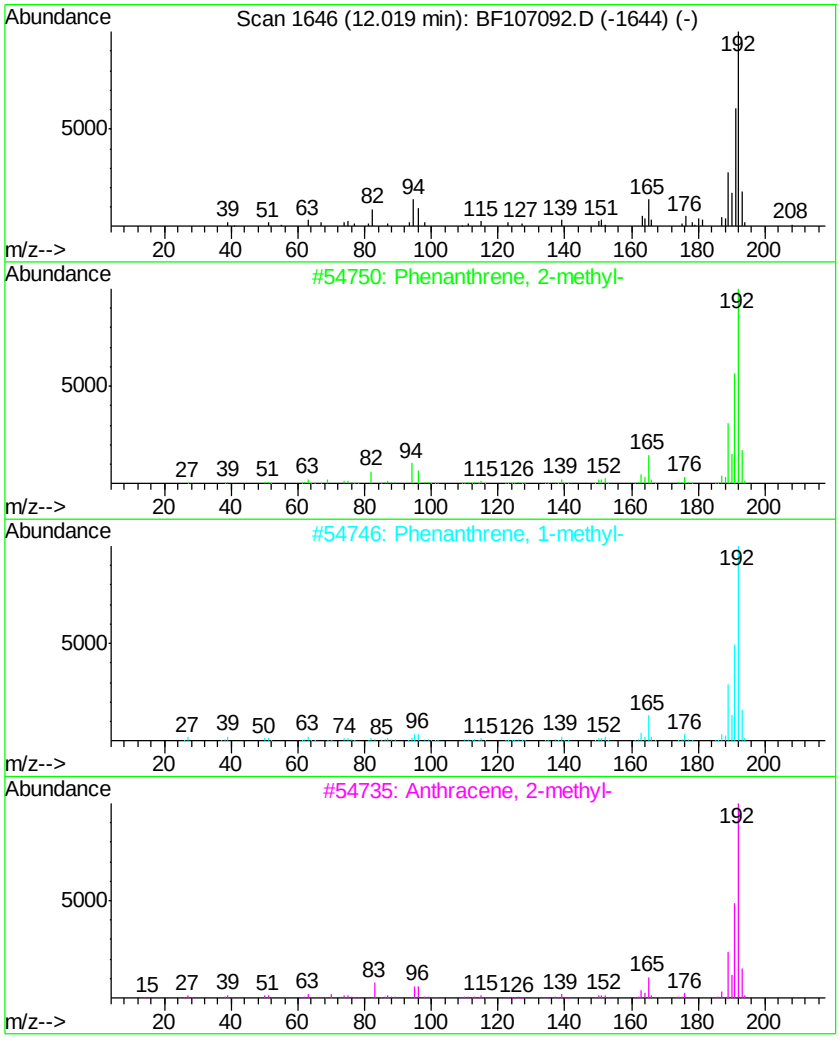
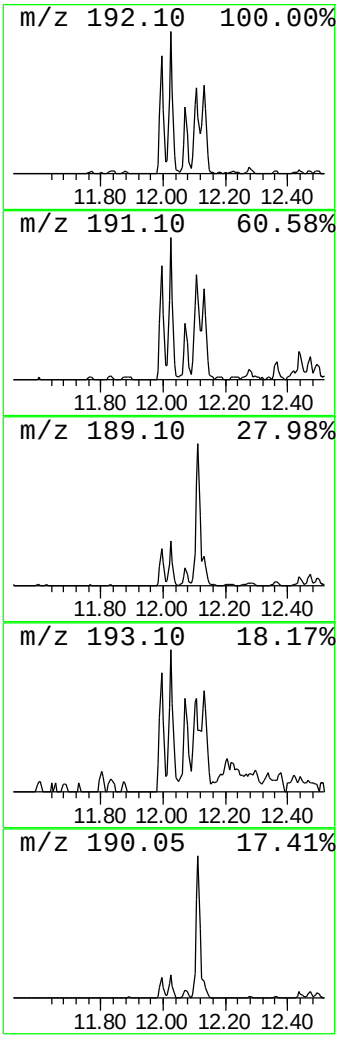




Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107092.D
Acq On : 3 Jul 2018 19:51
Operator : JU/SJ
Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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

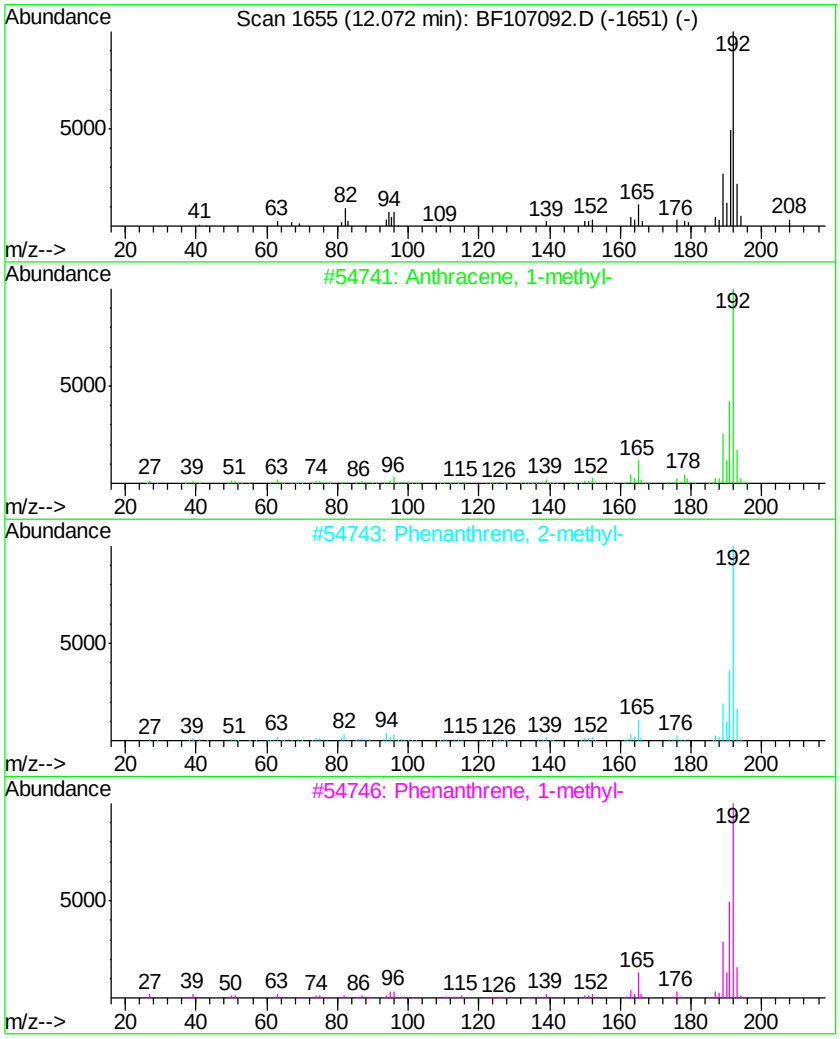
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

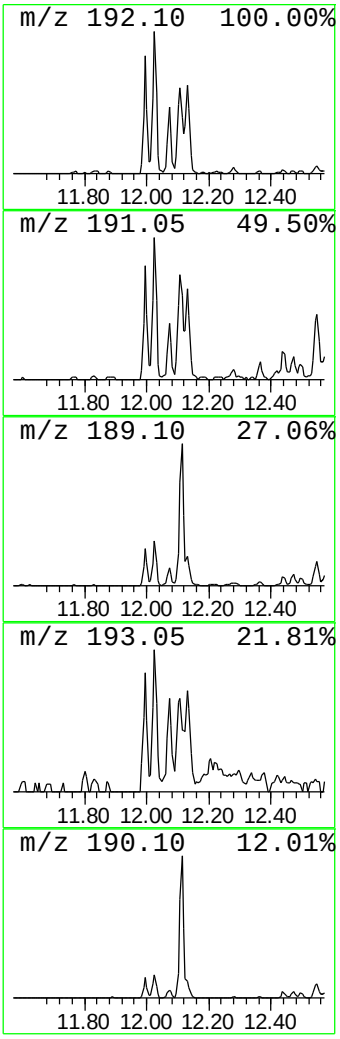
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.19 ng	41434	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Operator : JU/SJ
Sample : J3245-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

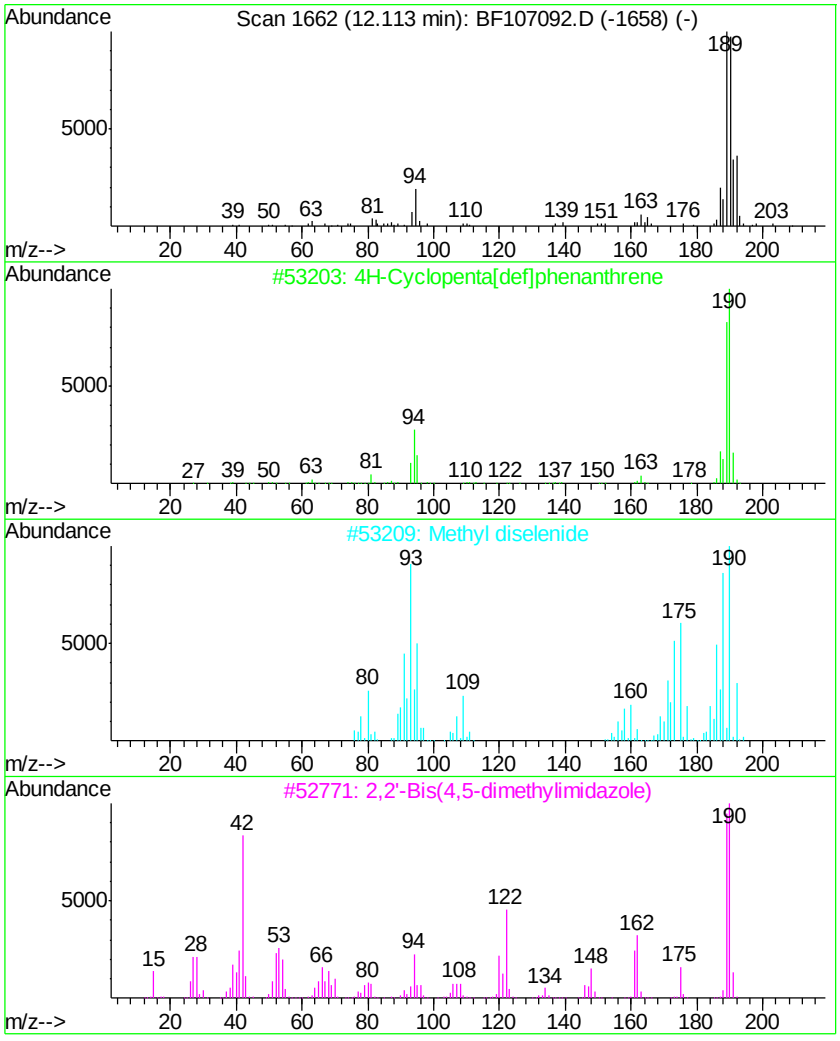
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

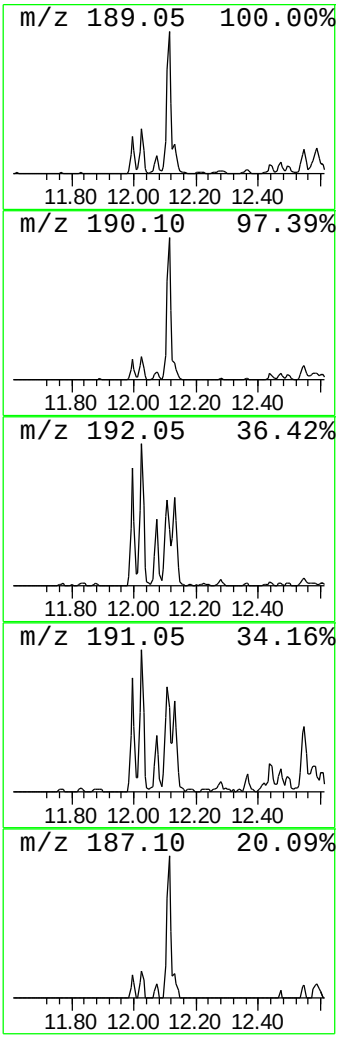
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	8.53 ng	161376	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Methyl diselenide	190	C2H6Se2	007101-31-7	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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Sample : J3245-17 2X
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ClientSampleId : CL-01-062918-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

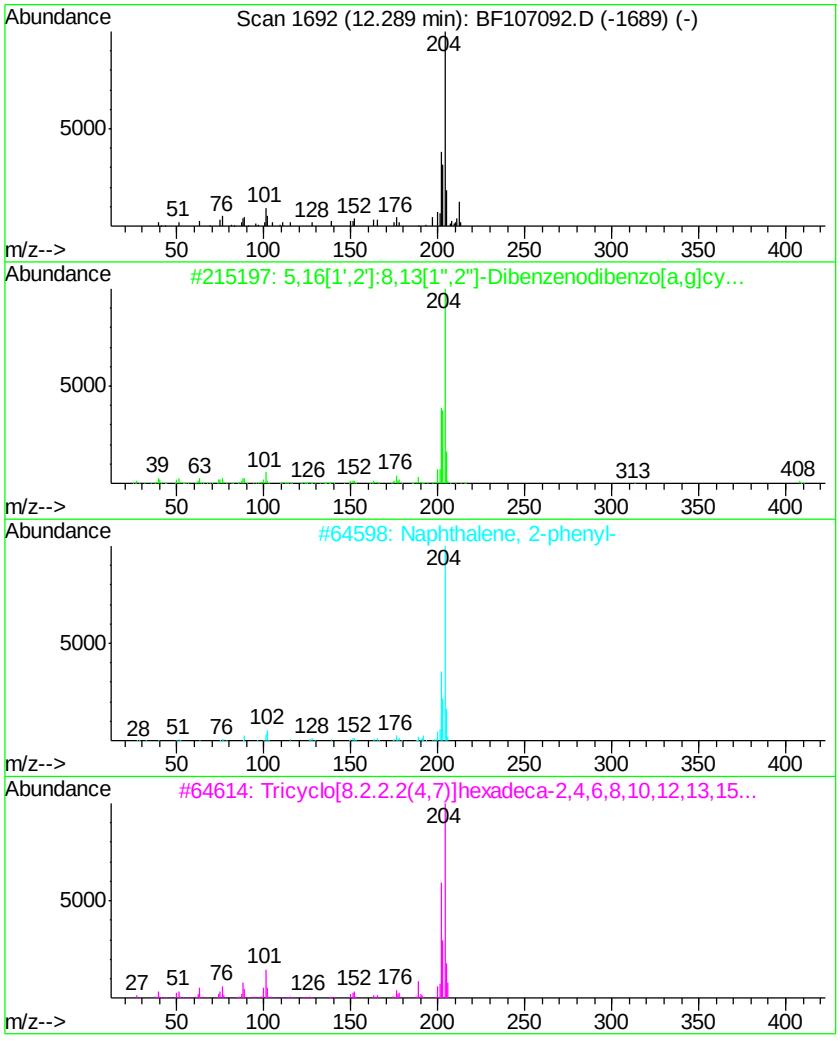
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

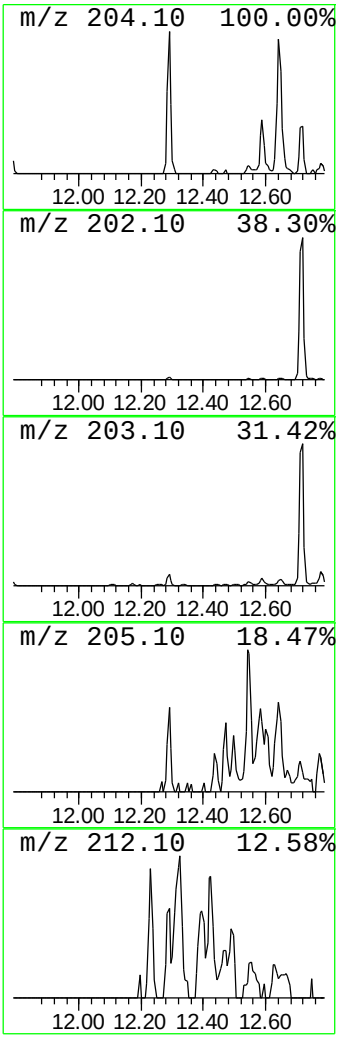
****

Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.76 ng	52139	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5	Levamisole	204	C11H12N2S	014769-73-4	47





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

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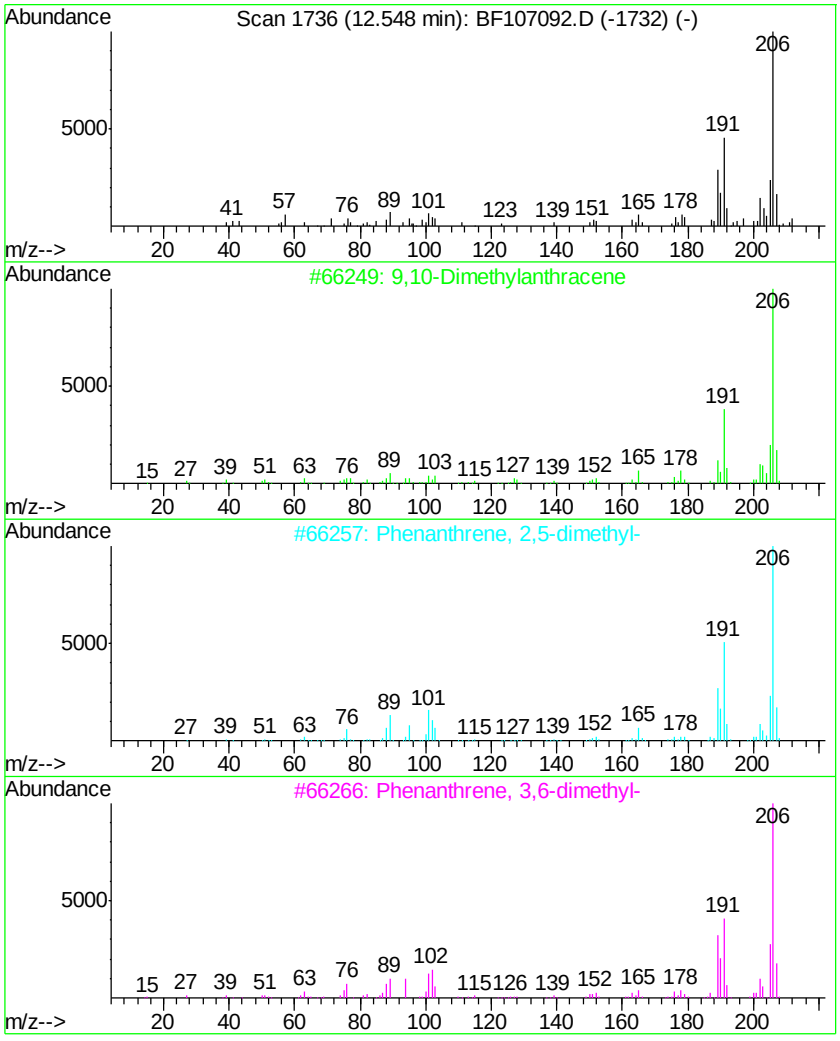
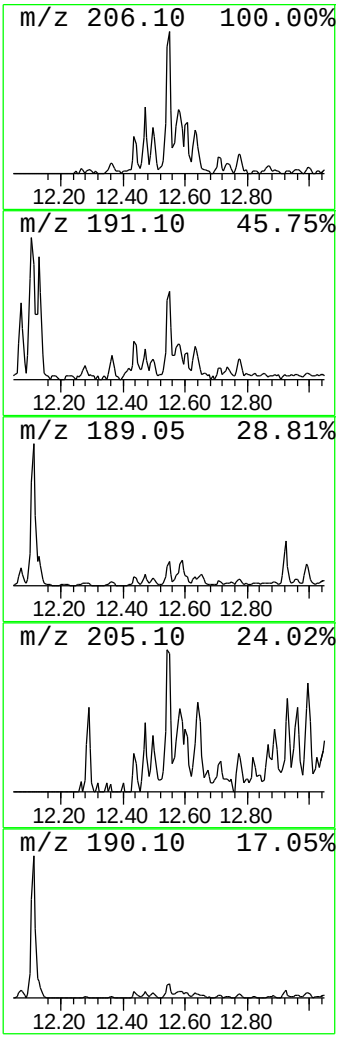
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.54 ng	85781	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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TIC Library : C:\DATABASE\NIST11.L
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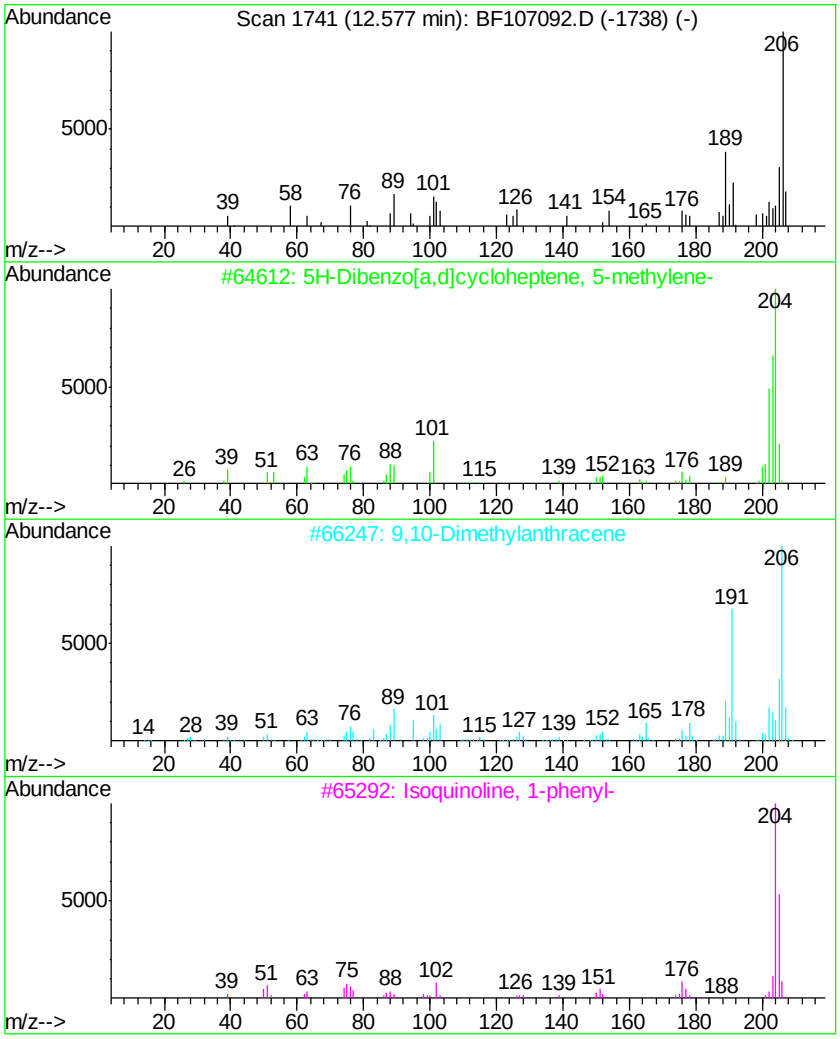
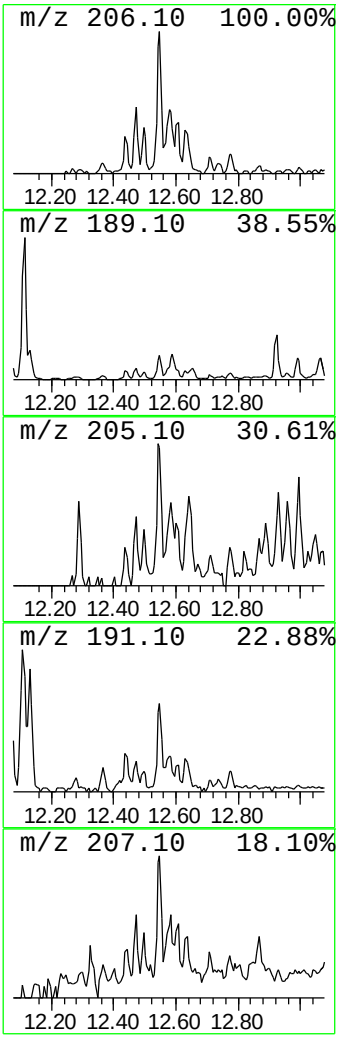
Peak Number 11 unknown12.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.07 ng	58064	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	48
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	38
4	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	35
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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TIC Integration Parameters: LSCINT.P

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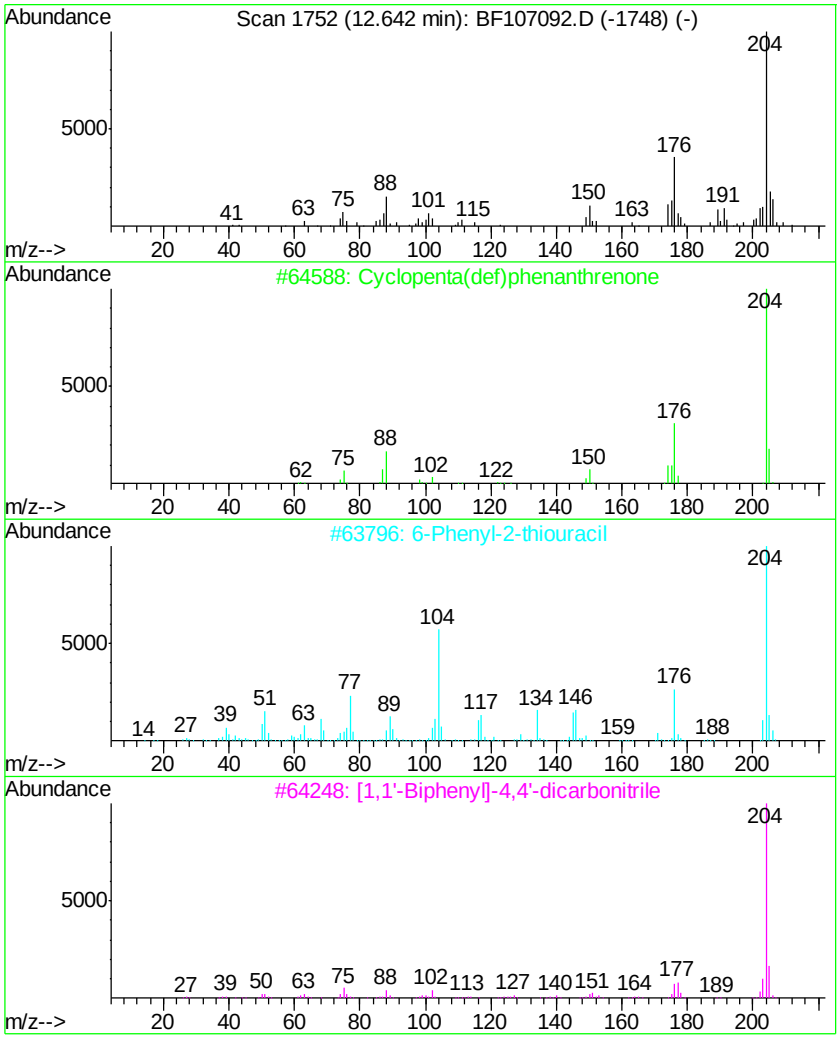
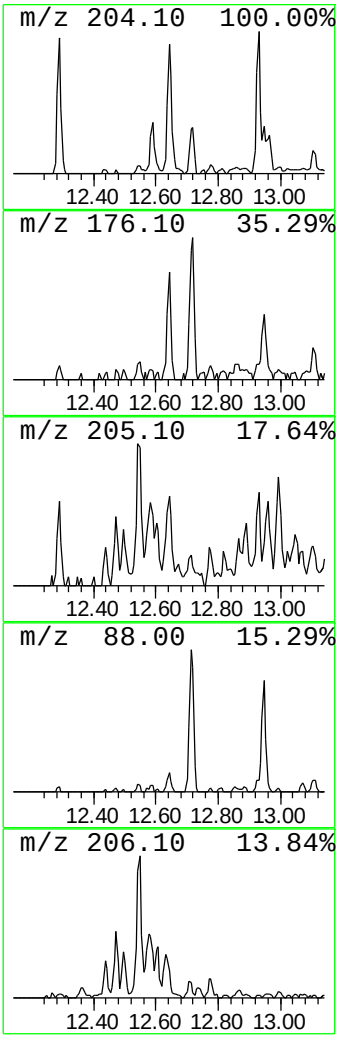
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.39 ng	83062	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	47





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TIC Library : C:\DATABASE\NIST11.L
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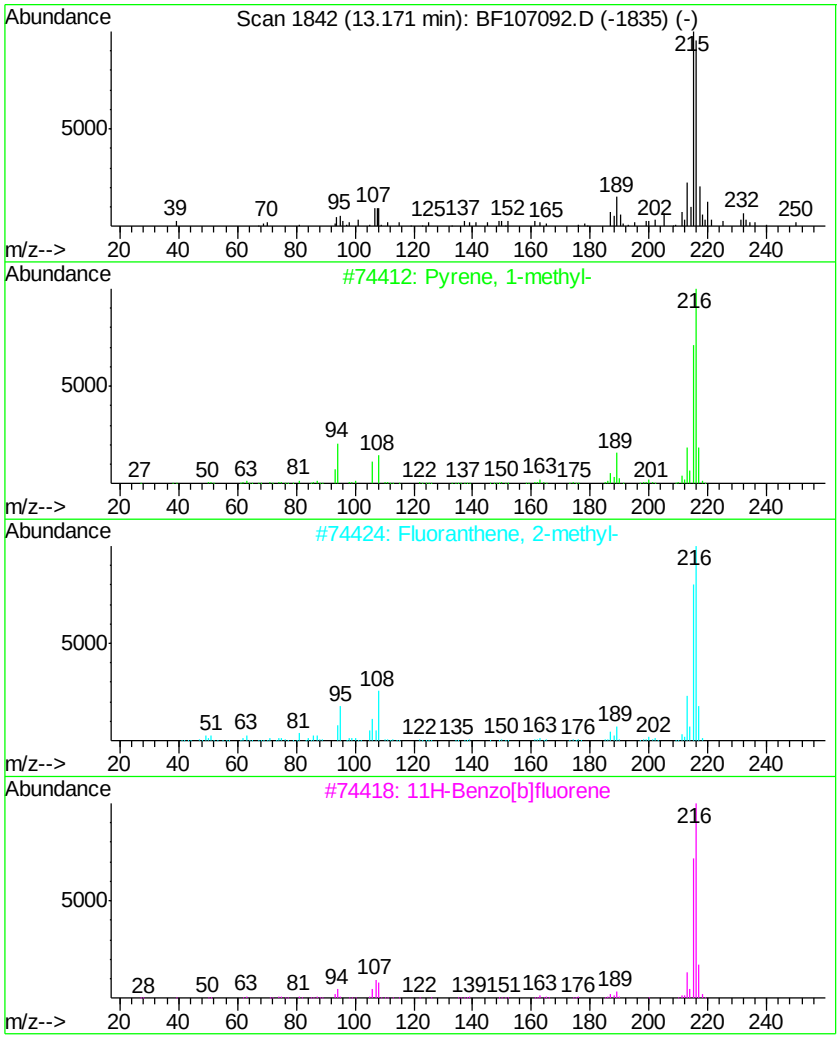
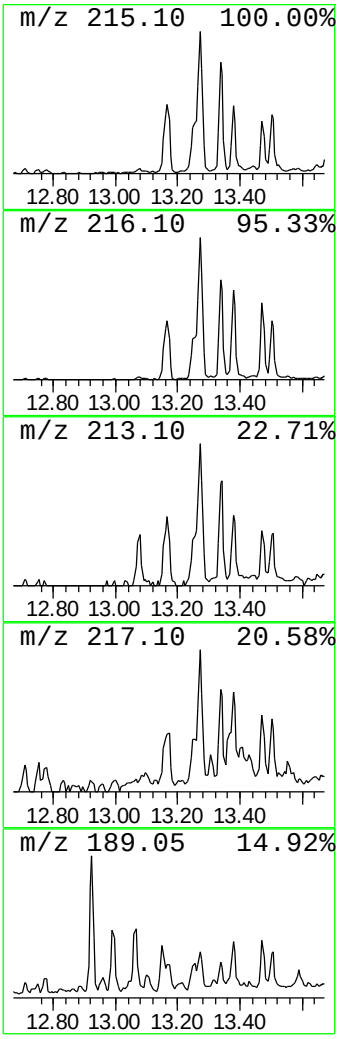
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.40 ng	128730	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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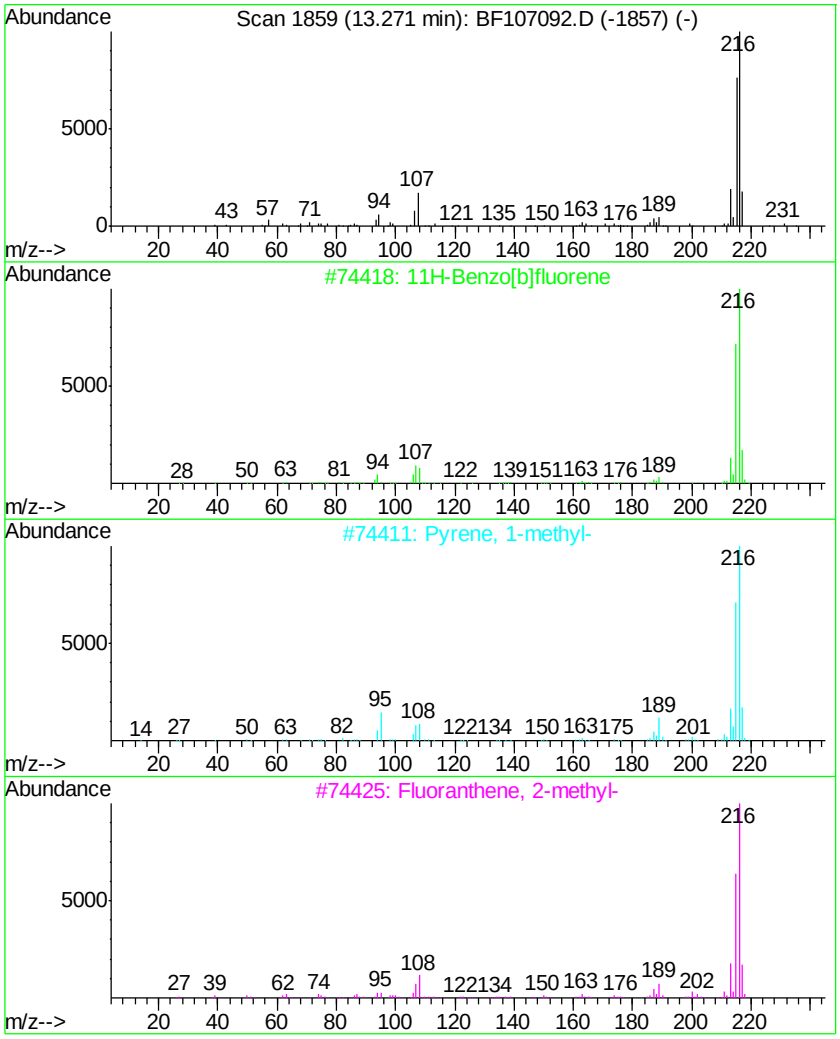
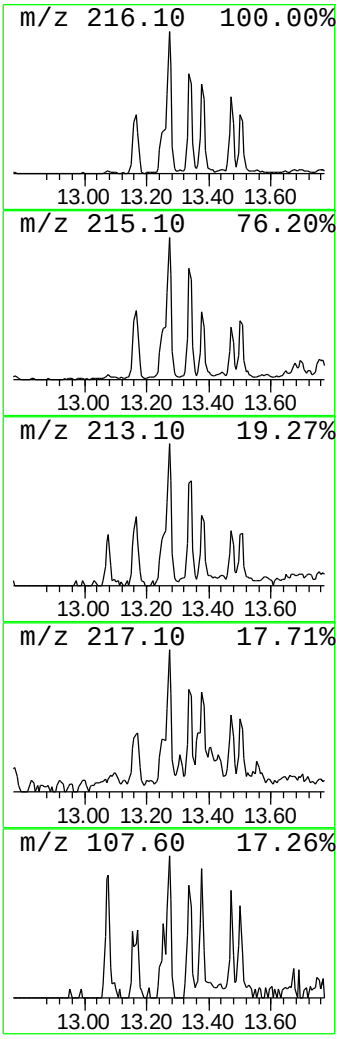
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.24 ng	122739	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	4-Hydroxy-6-methyl-1-pyridin-3-y...	216	C12H12N2O2	1000318-25-3	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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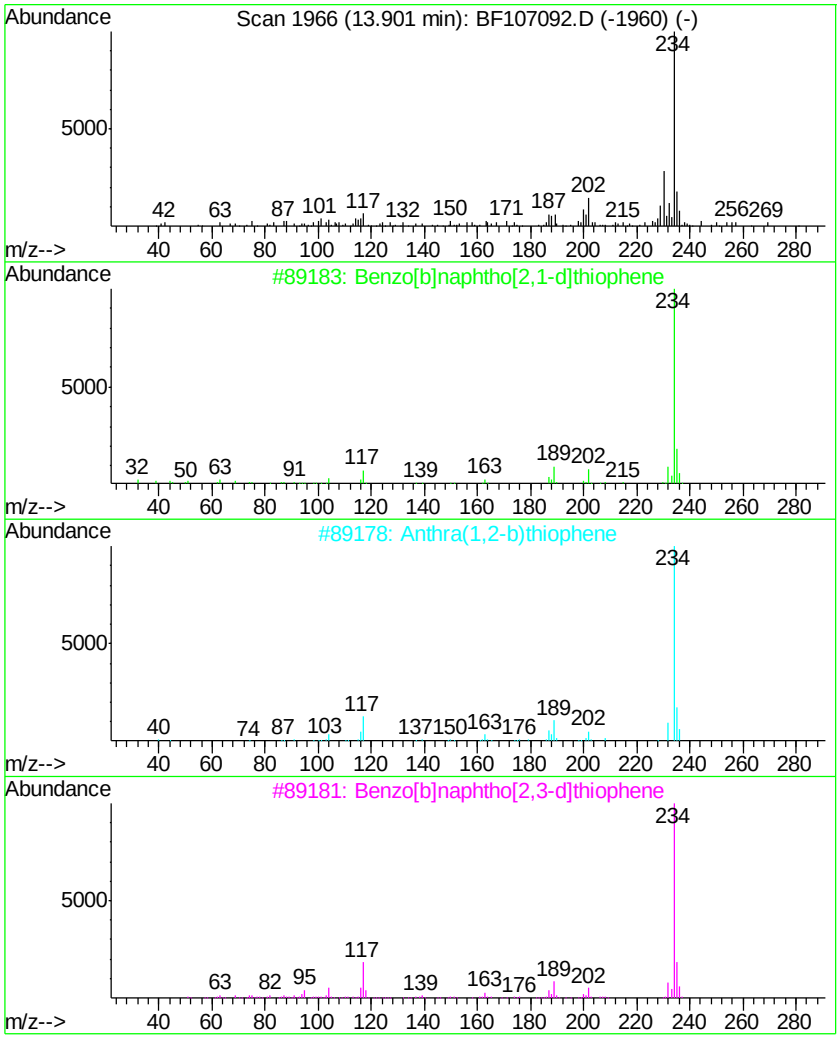
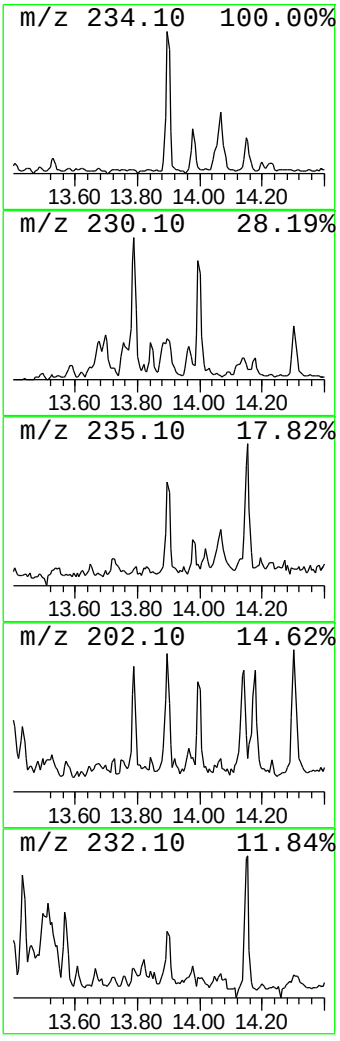
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.19 ng	82705	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	86
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46





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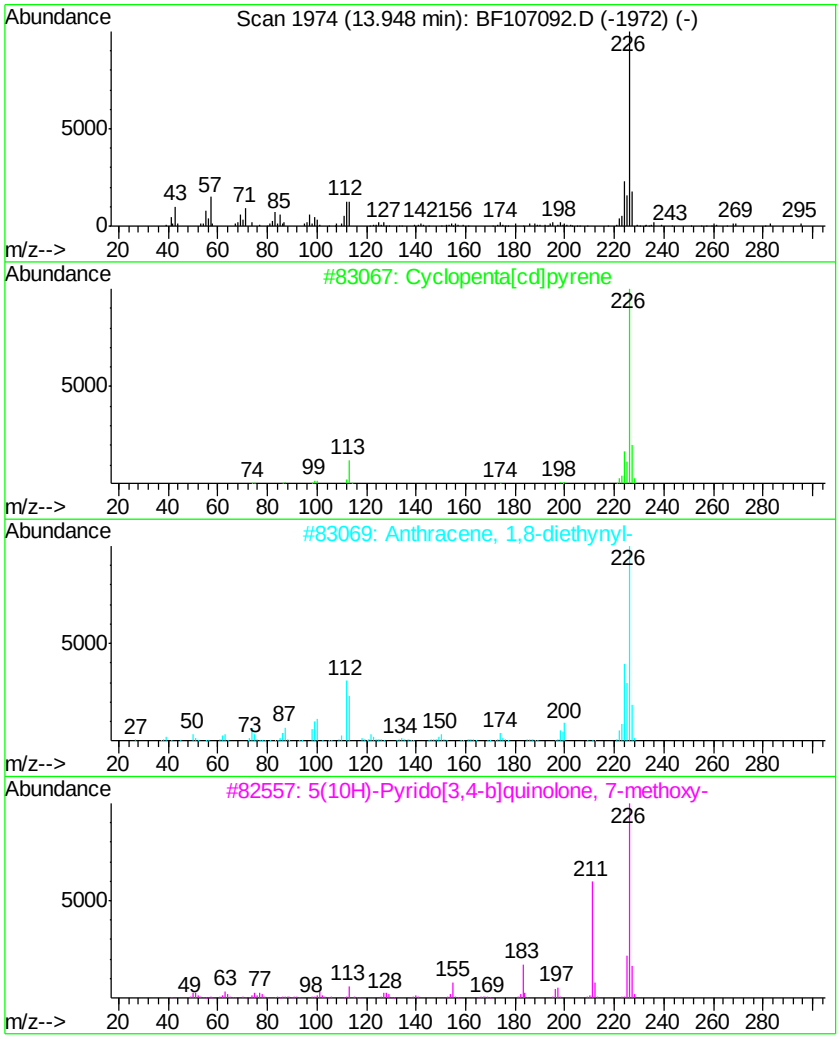
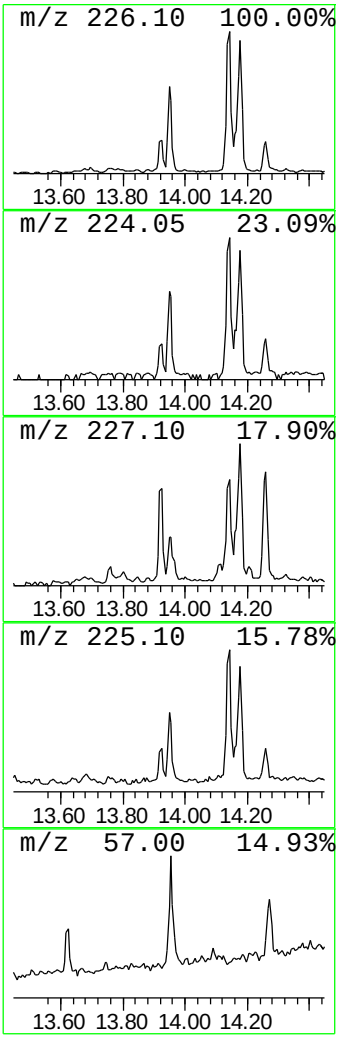
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.45 ng	130476	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	58
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	49
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	45
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43





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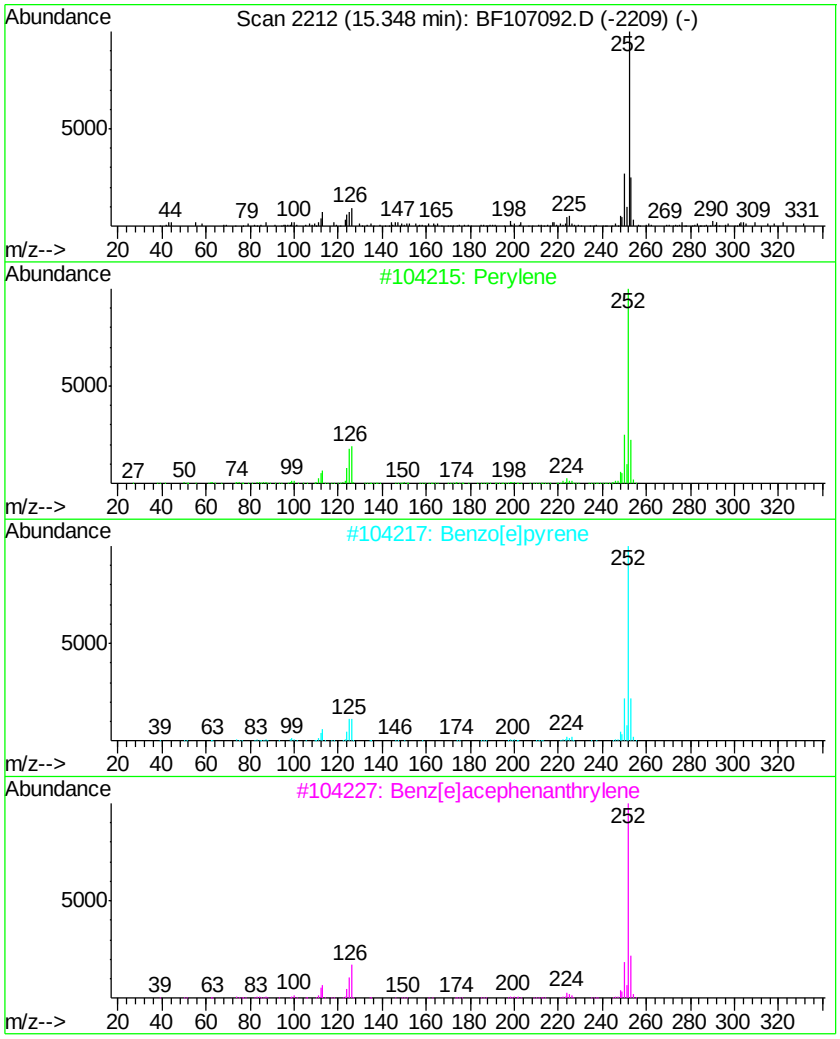
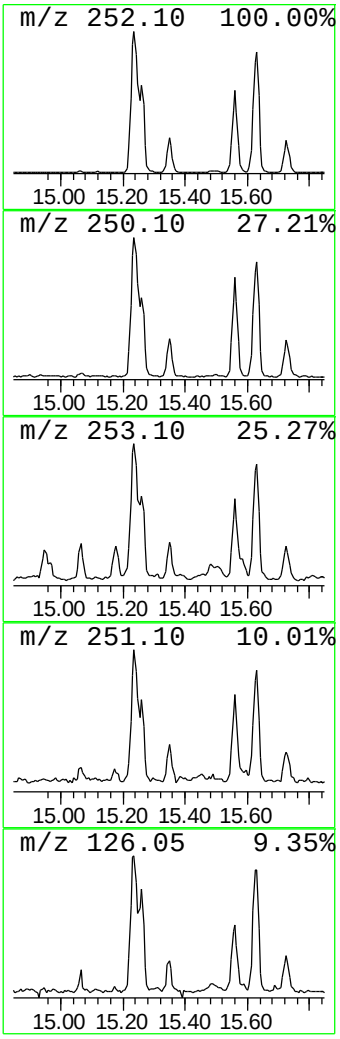
Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	6.21 ng	65541	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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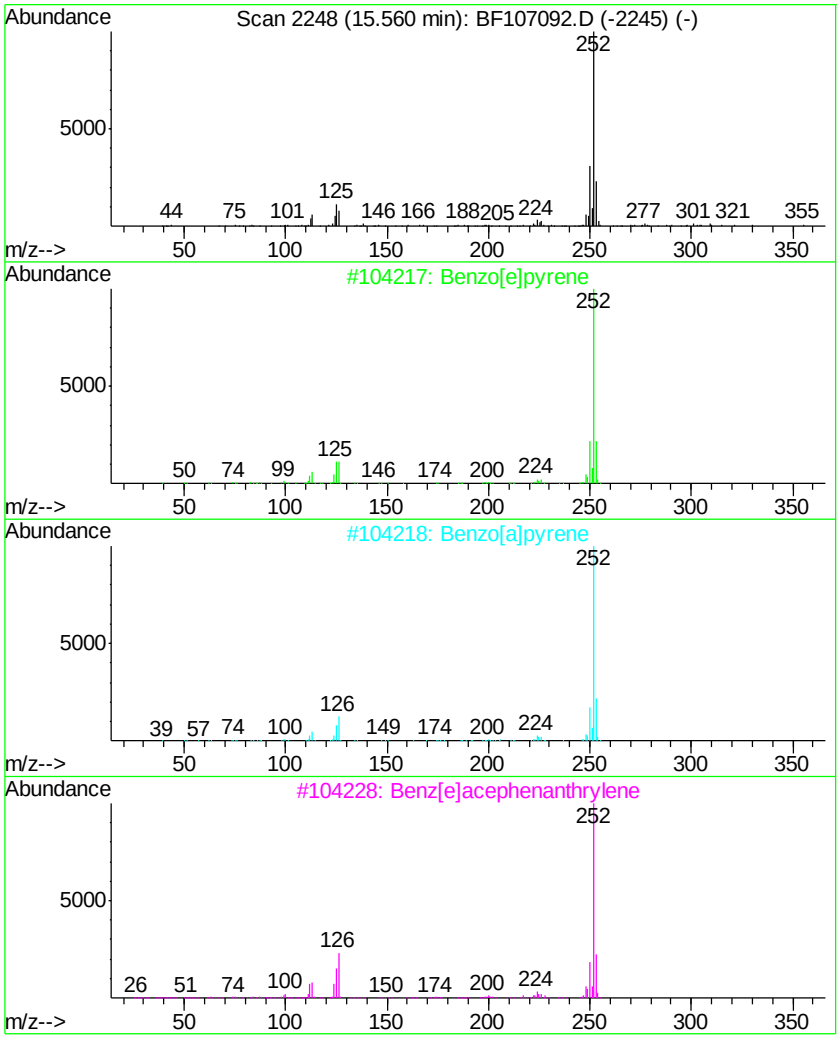
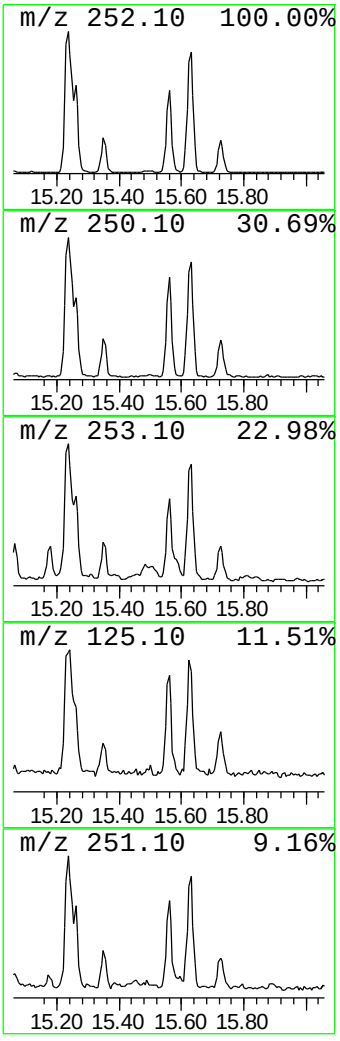
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	11.55 ng	121915	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-062918-A

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...	5.18	4.0	ng	55578	1	6.95	279787	20.0
unknown6.73	6.73	36.8	ng	515156	1	6.95	279787	20.0
Phenanthrene, 1-m...	12.00	3.9	ng	74266	4	11.50	378193	20.0
Phenanthrene, 2-m...	12.02	5.2	ng	98640	4	11.50	378193	20.0
Anthracene, 1-met...	12.07	2.2	ng	41434	4	11.50	378193	20.0
4H-Cyclopenta[def...	12.11	8.5	ng	161376	4	11.50	378193	20.0
5,16[1',2']:8,13[...	12.29	2.8	ng	52139	4	11.50	378193	20.0
9,10-Dimethylanth...	12.55	4.5	ng	85781	4	11.50	378193	20.0
unknown12.58	12.58	3.1	ng	58064	4	11.50	378193	20.0
Cyclopenta(def)ph...	12.64	4.4	ng	83062	4	11.50	378193	20.0
Pyrene, 1-methyl-	13.17	3.4	ng	128730	5	14.15	756693	20.0
11H-Benzo[b]fluorene	13.27	3.2	ng	122739	5	14.15	756693	20.0
Benzo[b]naphtho[2...	13.90	2.2	ng	82705	5	14.15	756693	20.0
Cyclopenta[cd]pyrene	13.95	3.5	ng	130476	5	14.15	756693	20.0
Perylene	15.35	6.2	ng	65541	6	15.69	211076	20.0
Benzo[e]pyrene	15.56	11.6	ng	121915	6	15.69	211076	20.0