LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	13	20	rVB	2704193	3349625	49.08%	4.668%
2	5.098	508	512	518	rVB	61007	78142	1.14%	0.109%
3	5.498	576	580	584	rBV	6590991	6459273	94.65%	9.001%
4	6.510	747	752	755	rBV	7247060	6824698	100.00%	9.510%
5	6.869	809	813	816	rBV	2276702	1740873	25.51%	2.426%
6	7.434	903	909	912	rBV	4801923	4289596	62.85%	5.978%
7	8.157	1027	1032	1034	rBV	2724447	2278284	33.38%	3.175%
8	8.175	1034	1035	1039	rVB	371193	225566	3.31%	0.314%
9	8.869	1148	1153	1157	rBV	195139	154363	2.26%	0.215%
10	8.969	1165	1170	1173	rBV	147042	119401	1.75%	0.166%
11	9.233	1210	1215	1218	rBV	7250139	6300586	92.32%	8.780%
12	9.498	1254	1260	1264	rBV3	69908	90719	1.33%	0.126%
13	9.569	1269	1272	1275	rBV	125223	124427	1.82%	0.173%
14	9.628	1279	1282	1286	rVV	207157	163038	2.39%	0.227%
15	9.916	1324	1331	1334	rBV	2709630	2220671	32.54%	3.095%
16	9.945	1334	1336	1339	rVB	474147	373356	5.47%	0.520%
17	10.016	1344	1348	1353	rBV2	48325	80600	1.18%	0.112%
18	10.116	1362	1365	1369	rVB	300208	257311	3.77%	0.359%
19	10.322	1395	1400	1402	rBV4	53986	73505	1.08%	0.102%
20	10.463	1420	1424	1429	rVB	353648	311322	4.56%	0.434%
21	10.516	1429	1433	1434	rBV2	57851	70987	1.04%	0.099%
22	10.622	1449	1451	1456	rVB	108495	95909	1.41%	0.134%
23	10.704	1461	1465	1469	rVV	3636851	3059734	44.83%	4.264%
24	10.827	1483	1486	1489	rVB3	73302	78269	1.15%	0.109%
25	11.010	1513	1517	1520	rVB4	82820	124771	1.83%	0.174%
26	11.204	1547	1550	1555	rVB	253658	241433	3.54%	0.336%
27	11.263	1555	1560	1564	rBV5	187262	260248	3.81%	0.363%
28	11.298	1564	1566	1572	rVB	239038	224971	3.30%	0.314%
29	11.404	1580	1584	1586	rBV	2035598	1799647	26.37%	2.508%
30	11.433	1586	1589	1592	rVV	3904683	3270296	47.92%	4.557%
31	11.480	1592	1597	1600	rVV	723747	640483	9.38%	0.893%
32	11.510	1600	1602	1606	rVB2	79719	78620	1.15%	0.110%
33	11.633	1617	1623	1626	rBV	293337	284707	4.17%	0.397%
34	11.704	1632	1635	1637	rBV	105155	87979	1.29%	0.123%
35	11.733	1638	1640	1643	rVB	119223	105264	1.54%	0.147%
36	11.822	1652	1655	1659	rVB	70748	82967	1.22%	0.116%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

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-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.863	1659	1662	1664	rBV	77745	74037	1.08%	0.103%
38	11.910	1666	1670	1672	rVV	681147	600613	8.80%	0.837%
39	11.933	1672	1674	1678	rVV	949888	871252	12.77%	1.214%
40	11.980	1679	1682	1685	rVV	225268	225412	3.30%	0.314%
41	12.022	1685	1689	1691	rVV2	648743	757567	11.10%	1.056%
42	12.045	1691	1693	1697	rVB	440659	355090	5.20%	0.495%
43	12.204	1717	1720	1722	rBV	382924	326557	4.78%	0.455%
44	12.222	1722	1723	1727	rVB	362897	301844	4.42%	0.421%
45	12.280	1730	1733	1737	rVB2	88337	77799	1.14%	0.108%
46	12.351	1740	1745	1748	rBV	161532	205080	3.00%	0.286%
47	12.386	1748	1751	1753	rBV	115576	94488	1.38%	0.132%
48	12.410	1753	1755	1757	rVB	110369	82142	1.20%	0.114%
49	12.463	1760	1764	1767	rBV	298337	325660	4.77%	0.454%
50	12.498	1767	1770	1772	rVV2	174104	194211	2.85%	0.271%
51	12.545	1775	1778	1783	rBV	259460	268685	3.94%	0.374%
52	12.621	1787	1791	1795	rVV	2793891	2427076	35.56%	3.382%
53	12.686	1800	1802	1805	rVB4	89472	85043	1.25%	0.119%
54	12.751	1809	1813	1815	rBV2	100221	121675	1.78%	0.170%
55	12.851	1824	1830	1836	rBV	2434209	2792796	40.92%	3.892%
56	12.898	1836	1838	1843	rVB2	148206	171176	2.51%	0.239%
57	12.969	1847	1850	1851	rBV2	119023	97955	1.44%	0.137%
58	12.998	1851	1855	1861	rVB	4036266	3629706	53.18%	5.058%
59	13.074	1862	1868	1871	rBV2	232700	403023	5.91%	0.562%
60	13.157	1879	1882	1883	rBV3	150984	144993	2.12%	0.202%
61	13.180	1883	1886	1889	rVB2	295074	289571	4.24%	0.404%
62	13.286	1900	1904	1906	rBV2	326678	318363	4.66%	0.444%
63	13.380	1917	1920	1922	rVB	181568	151365	2.22%	0.211%
64	13.410	1922	1925	1929	rVB	207978	199400	2.92%	0.278%
65	13.574	1951	1953	1956	rVB2	96168	92173	1.35%	0.128%
66	13.686	1969	1972	1977	rBV	302218	274975	4.03%	0.383%
67	13.798	1988	1991	1994	rVB2	139622	178326	2.61%	0.249%
68	13.827	1994	1996	1998	rVV	162001	116996	1.71%	0.163%
69	13.851	1998	2000	2005	rVV2	96057	127651	1.87%	0.178%
70	13.910	2005	2010	2017	rVB2	390721	731389	10.72%	1.019%
71	14.051	2030	2034	2037	rBV2	1661877	2276670	33.36%	3.173%
72	14.080	2037	2039	2044	rVB	1110080	949515	13.91%	1.323%
73	14.157	2050	2052	2055	rVB	136881	113245	1.66%	0.158%
74	14.439	2098	2100	2103	rVB	223891	202746	2.97%	0.283%
75	14.474	2104	2106	2110	rVB2	196860	172840	2.53%	0.241%
76	14.527	2113	2115	2118	rBV3	165648	175626	2.57%	0.245%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.110	2209	2214	2217	rBV	764771	1261896	18.49%	1.758%
78	15.192	2225	2228	2230	rBV2	143102	165379	2.42%	0.230%
79	15.415	2263	2266	2272	rVB	467768	584843	8.57%	0.815%
80	15.480	2273	2277	2281	rBV	670207	753452	11.04%	1.050%
81	15.545	2284	2288	2291	rBV	917010	1057245	15.49%	1.473%
82	17.033	2537	2541	2554	rVB2	289116	603020	8.84%	0.840%
83	17.480	2615	2617	2623	rVB	207636	308050	4.51%	0.429%

Sum of corrected areas: 71760257

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Misc :
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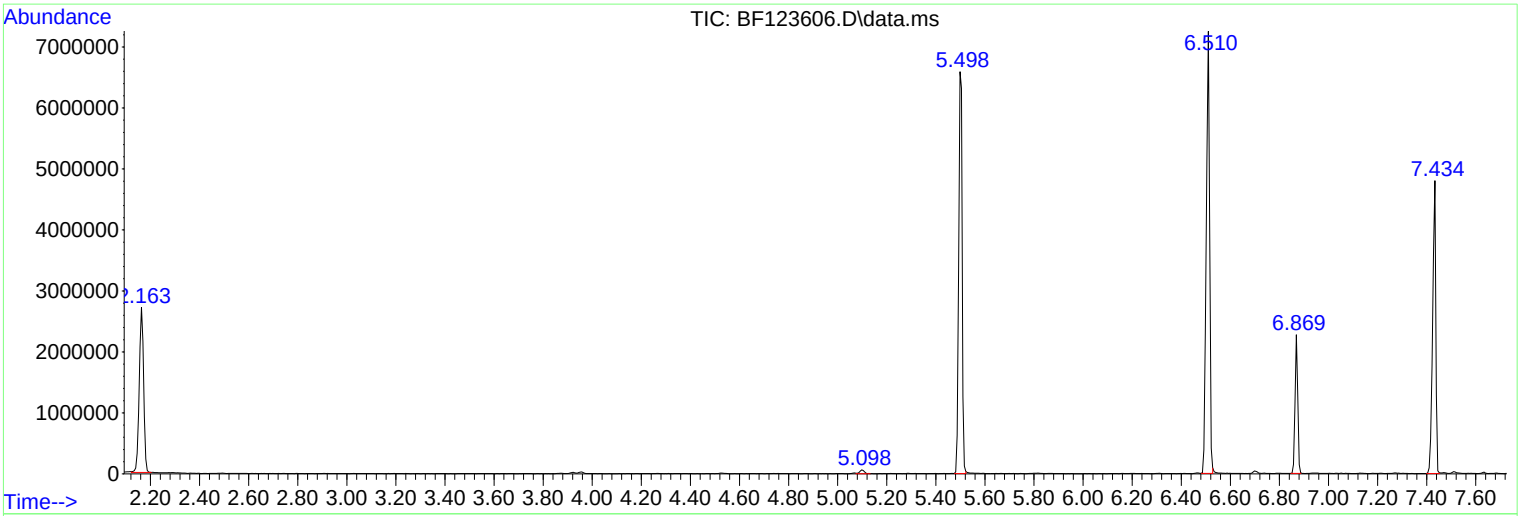
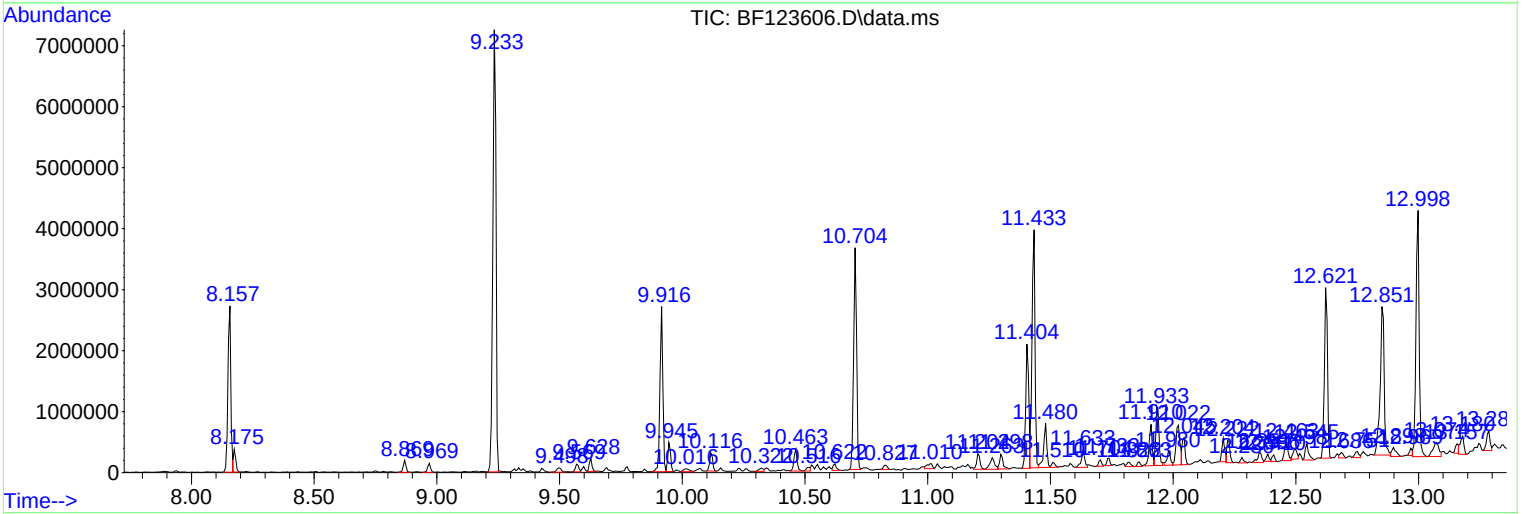
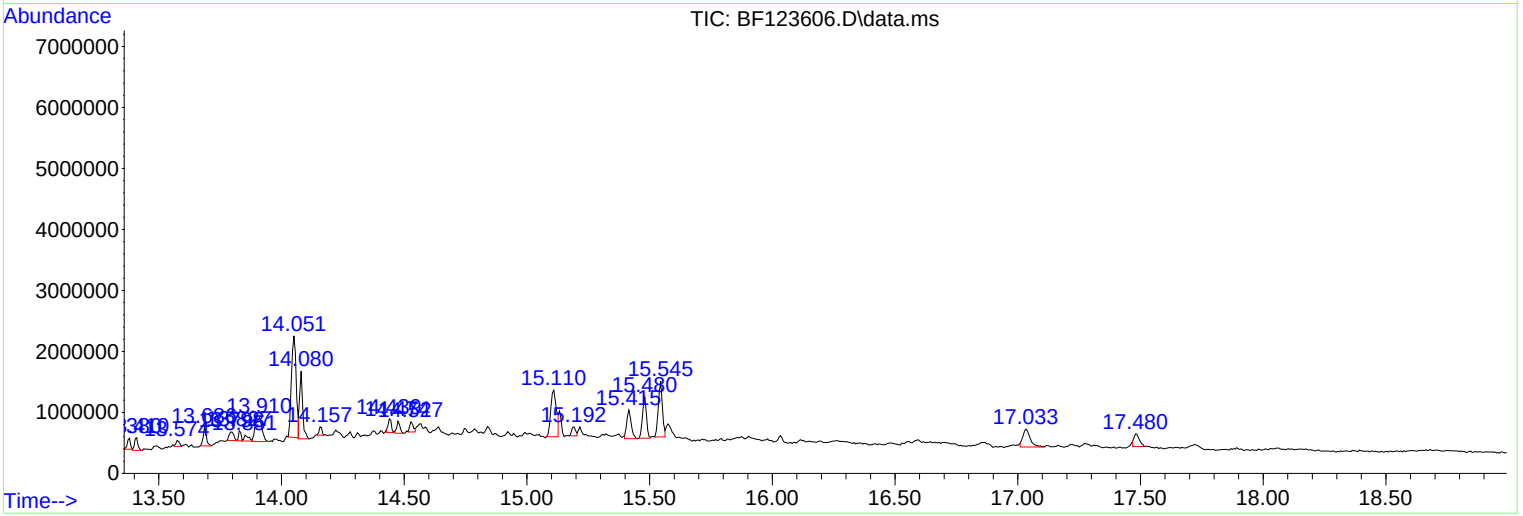
Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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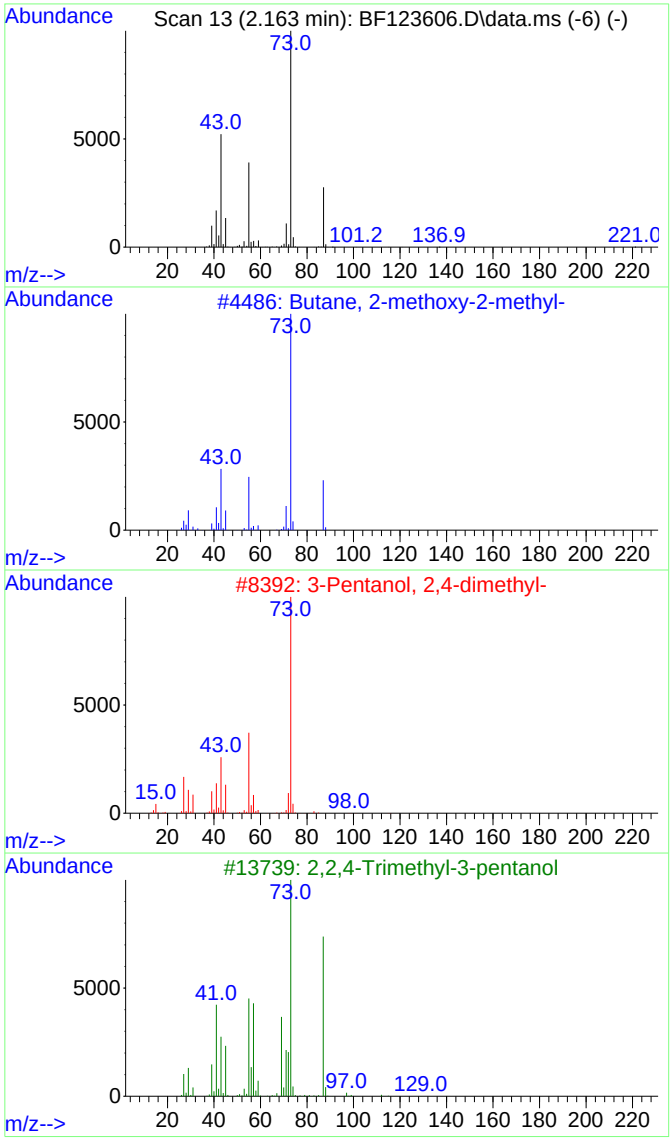
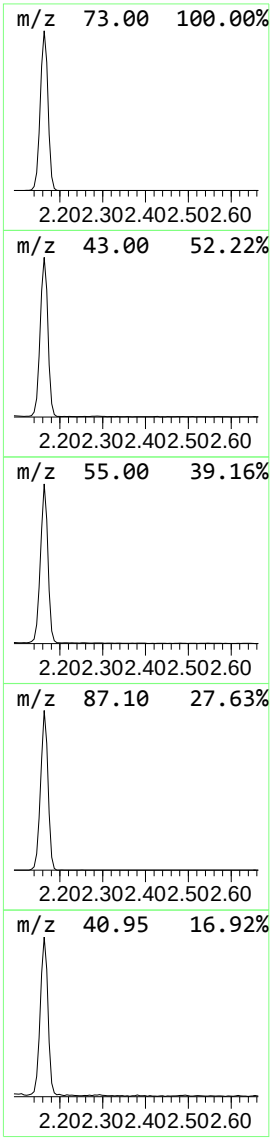
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	38.48 ng	3349630	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





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Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

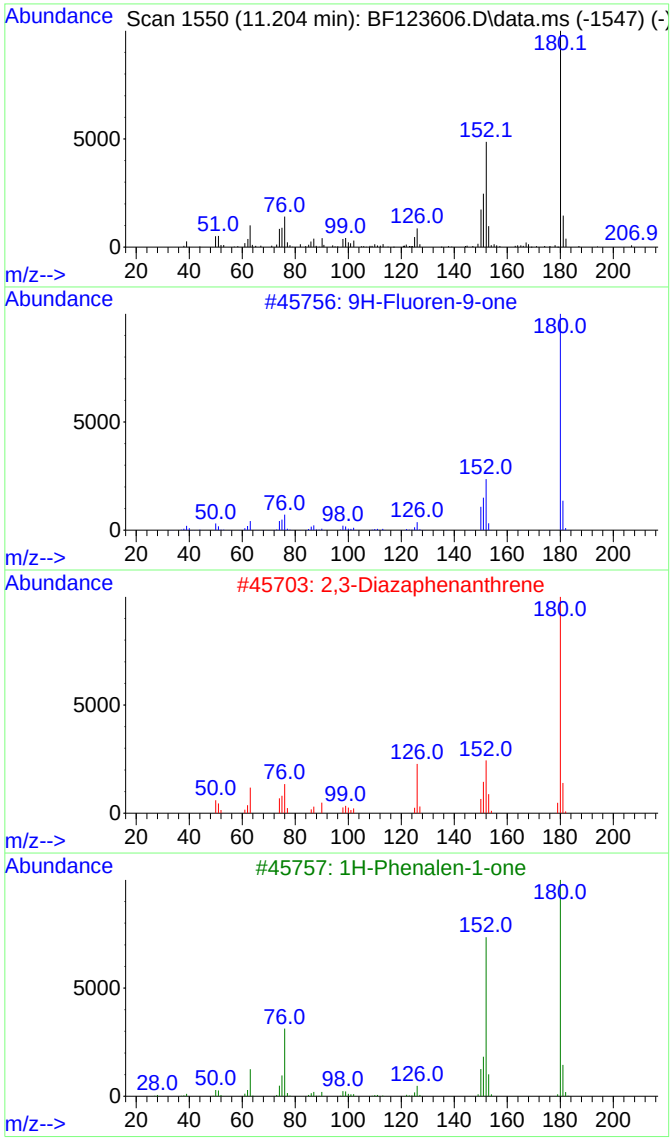
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

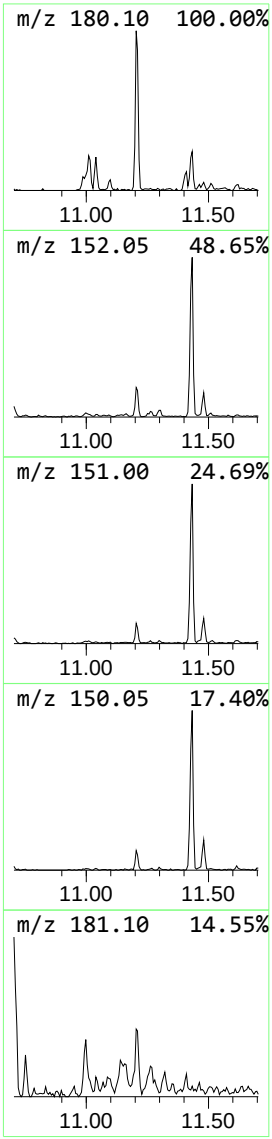
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.68 ng	241433	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	68
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
5	2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	49





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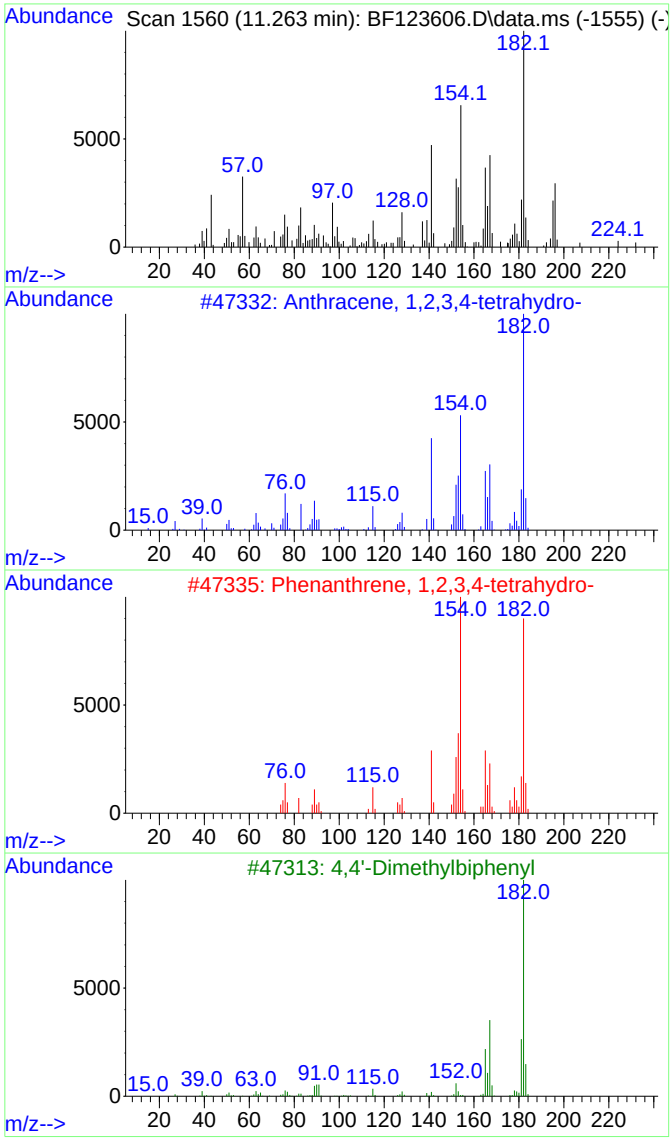
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

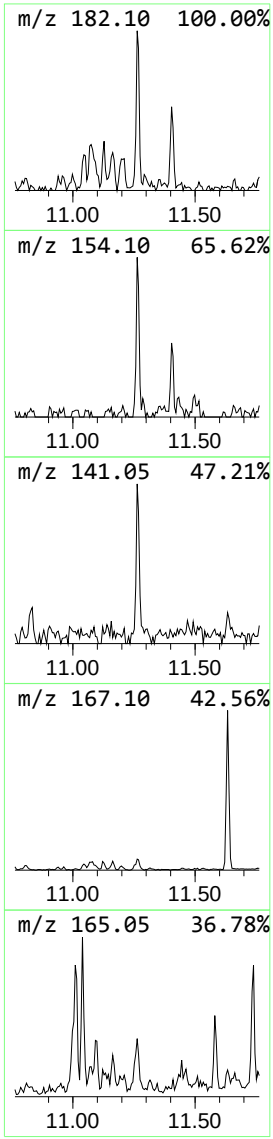
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	2.89 ng	260248	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	83
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
4	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	52
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50





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Sample : M2048-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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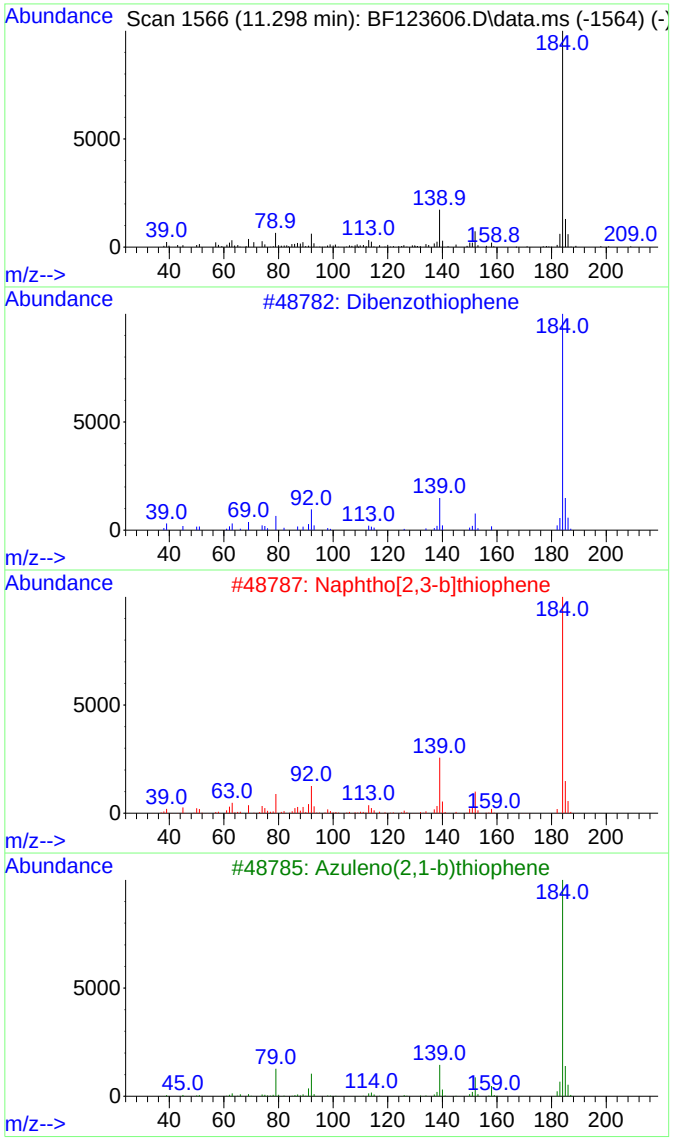
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

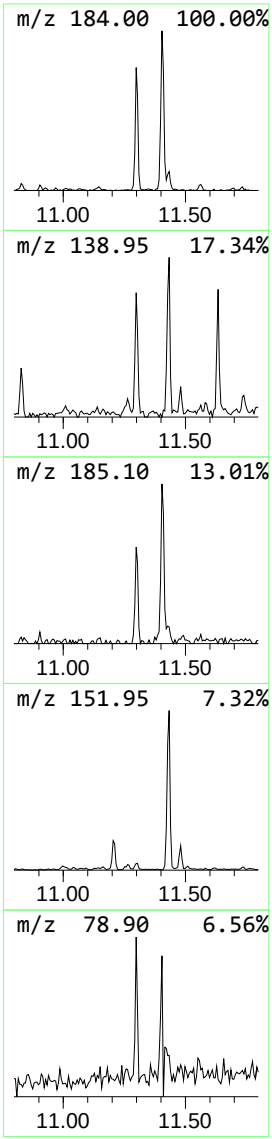
****

Peak Number 4 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	2.50 ng	224971	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	80





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Sample : M2048-01
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Instrument :
BNA_F
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SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

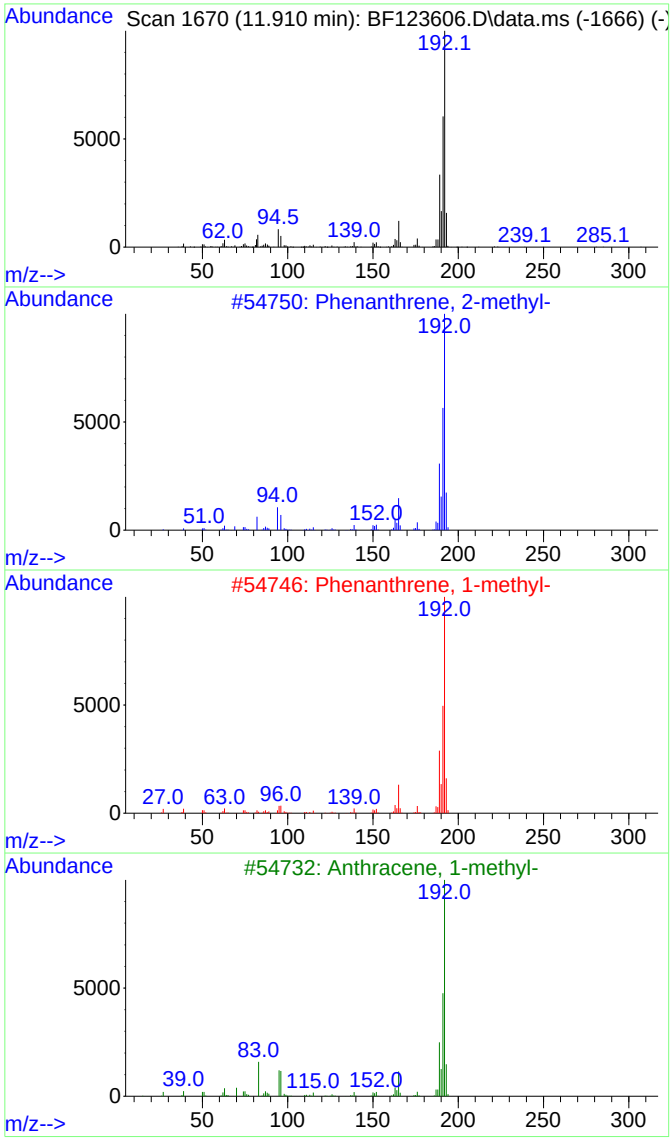
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

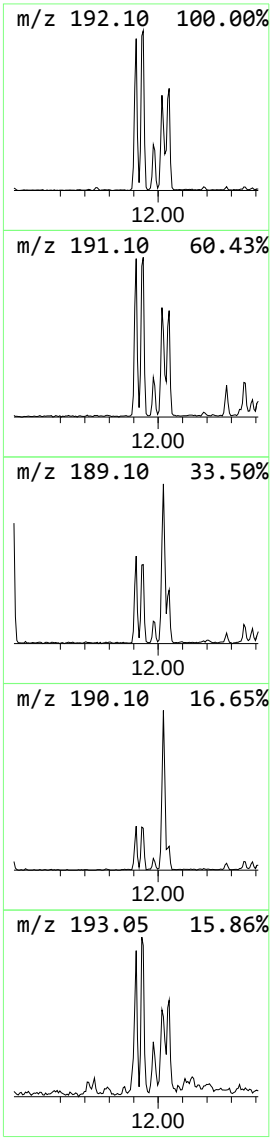
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.67 ng	600613	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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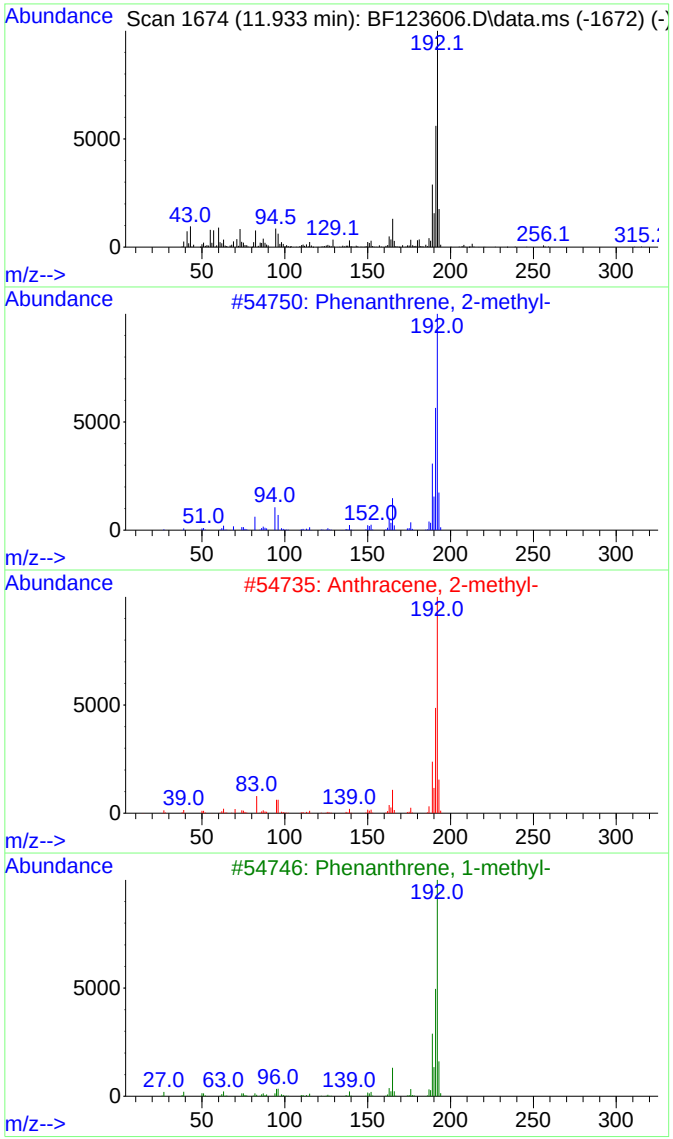
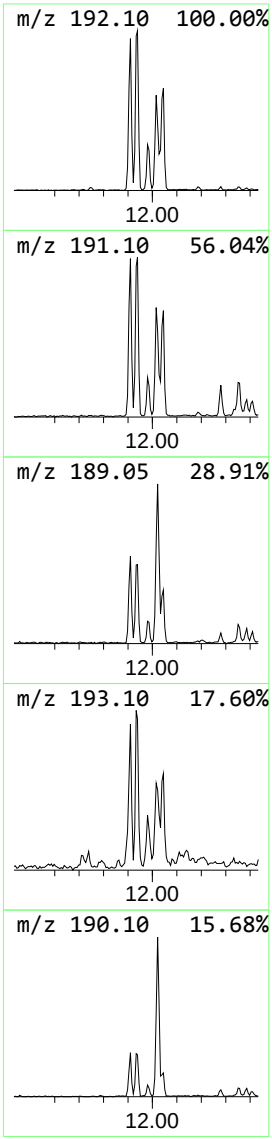
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	9.68 ng	871252	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : SB-01-0-2.0

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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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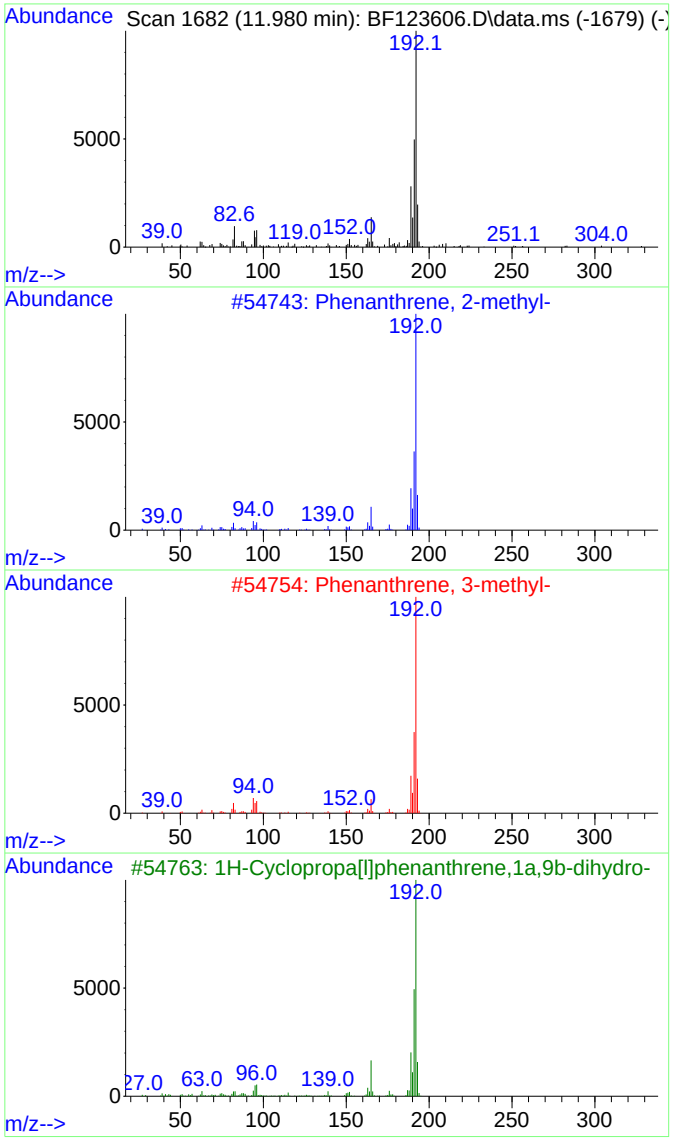
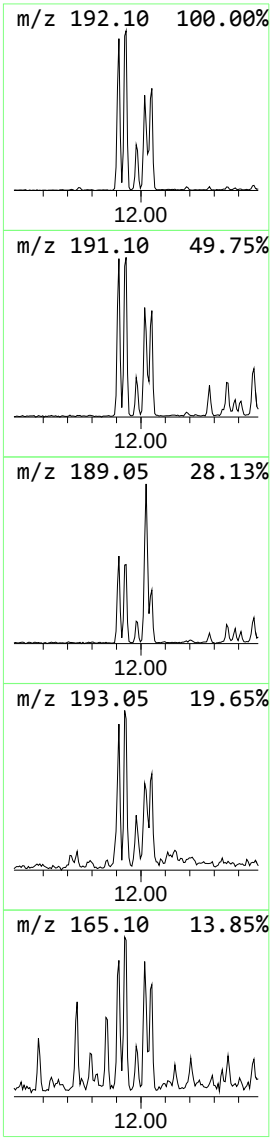
Peak Number 7 Phenanthrene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.51 ng	225412	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Sample : M2048-01
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ClientSampleId :
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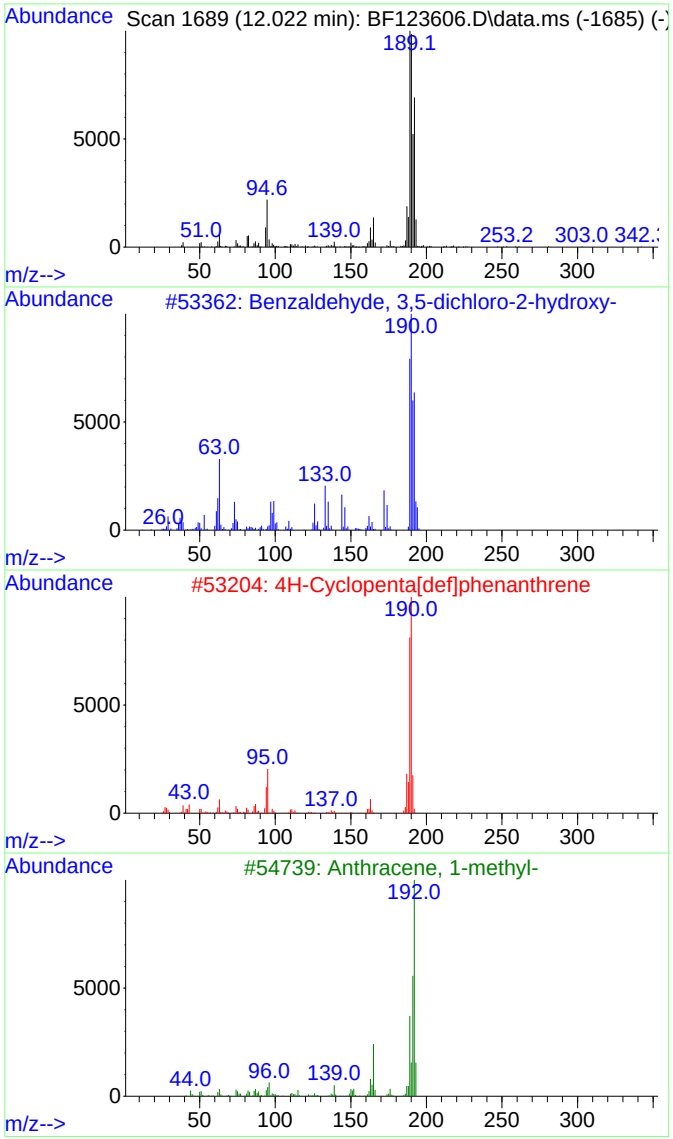
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

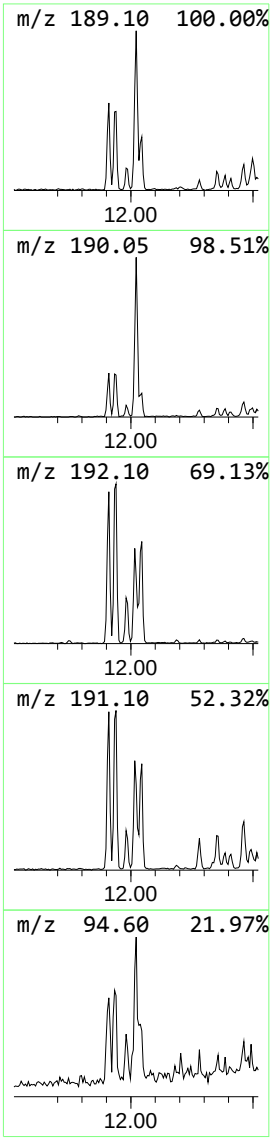
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	8.42 ng	757567	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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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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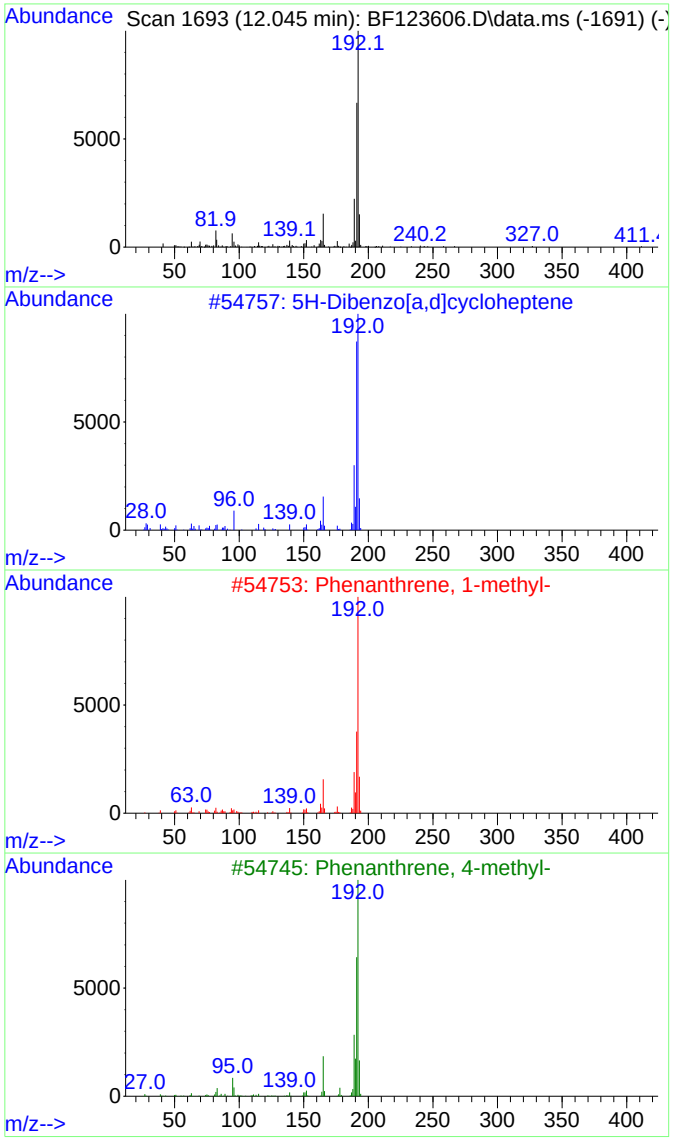
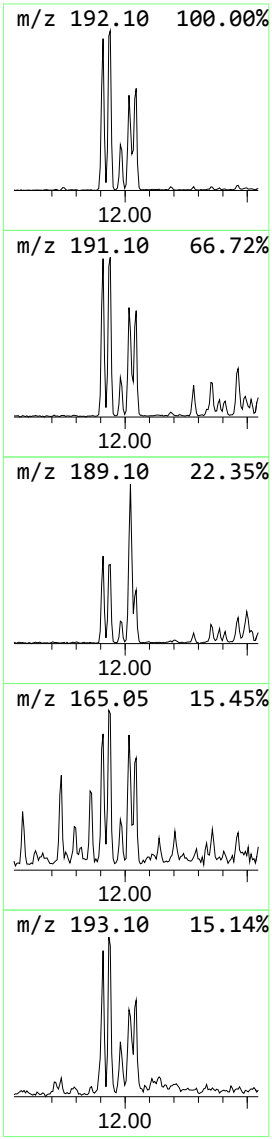
Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	3.95 ng	355090	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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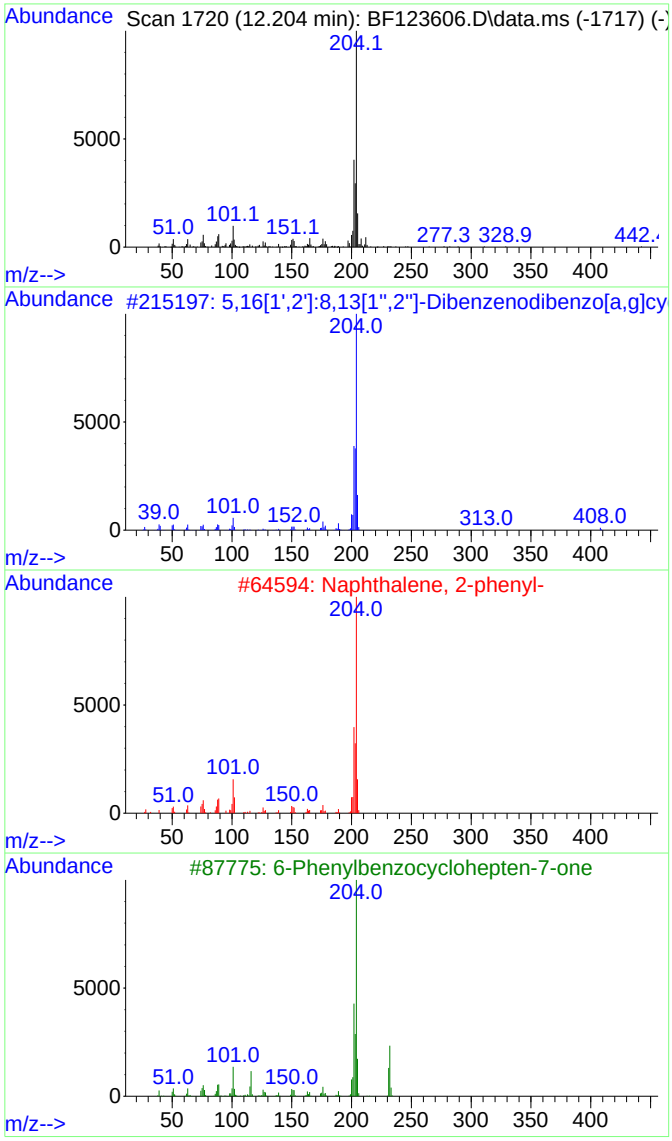
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

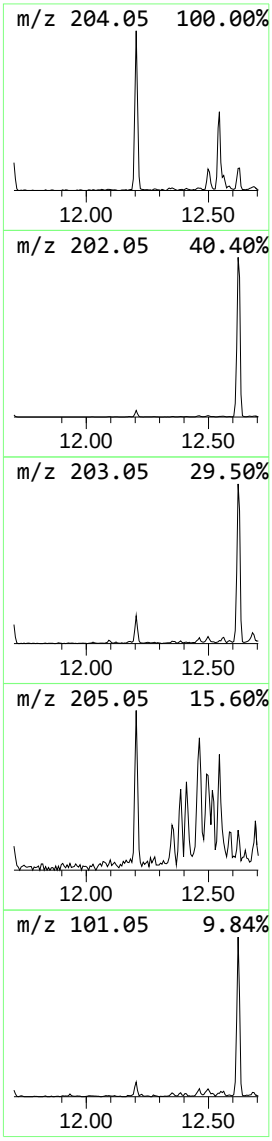
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	3.63 ng	326557	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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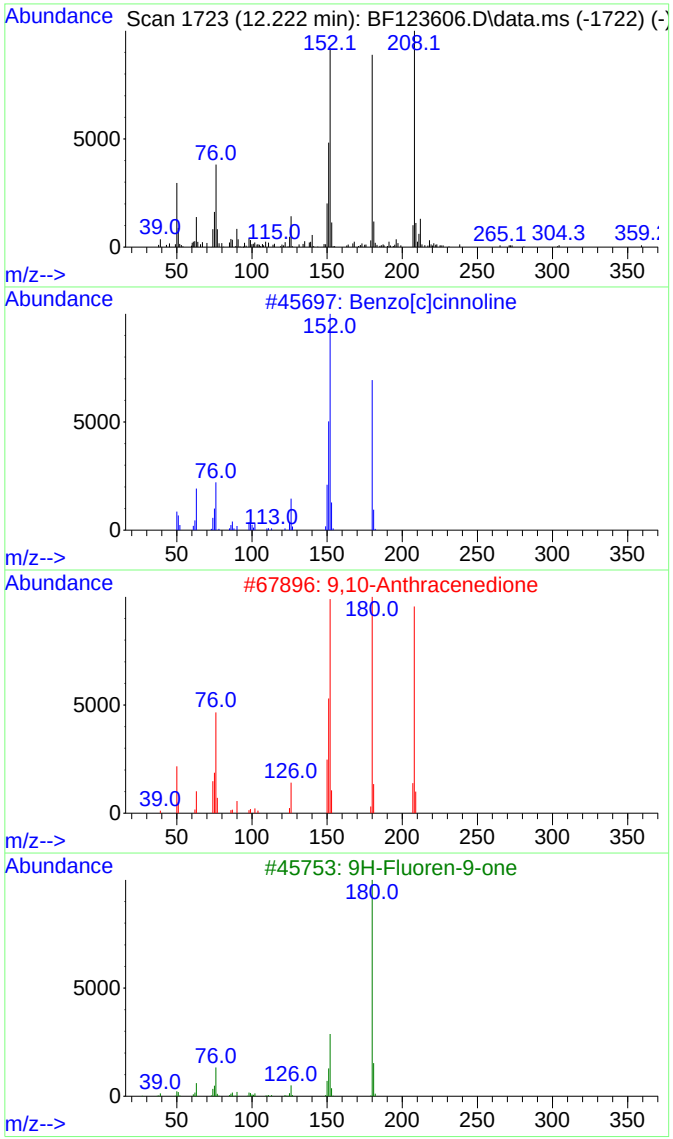
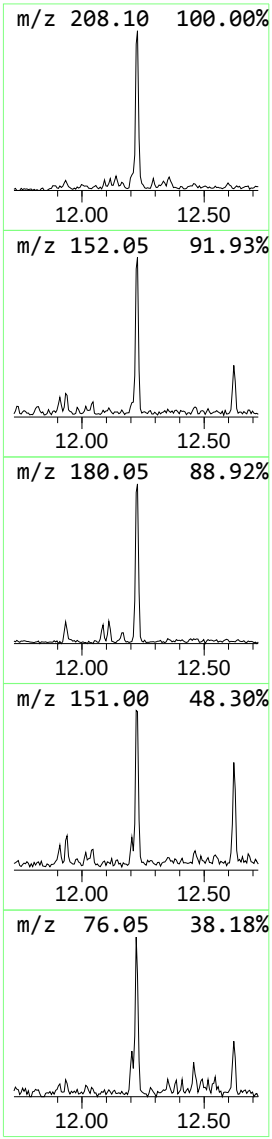
Peak Number 11 Benzo[c]cinnoline Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	3.35 ng	301844	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	43





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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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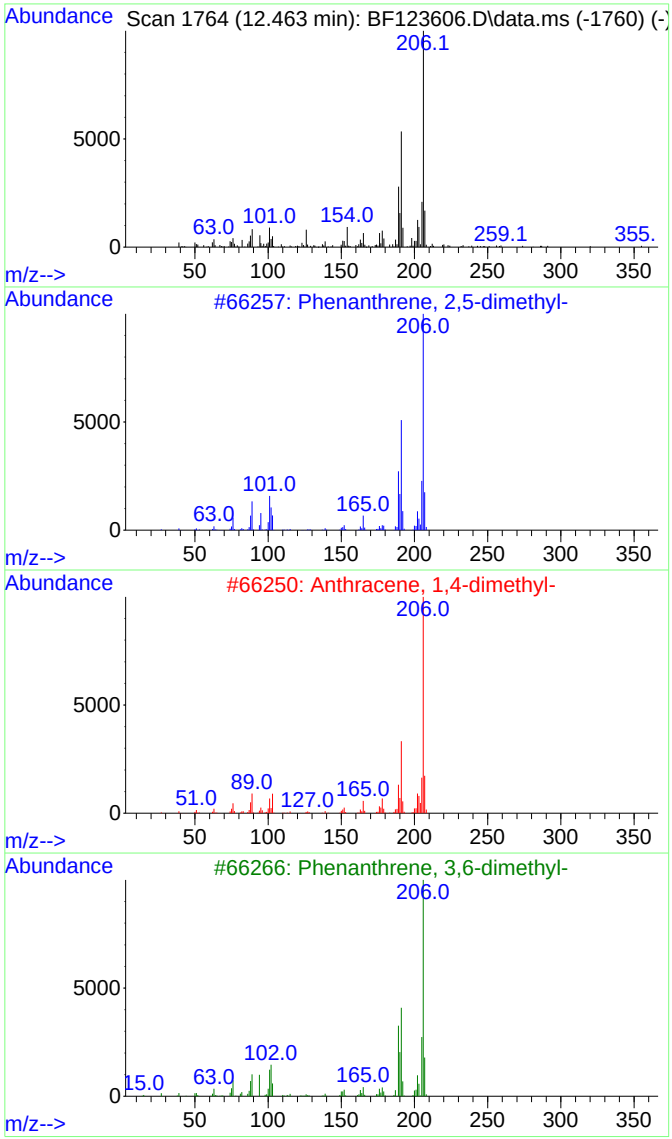
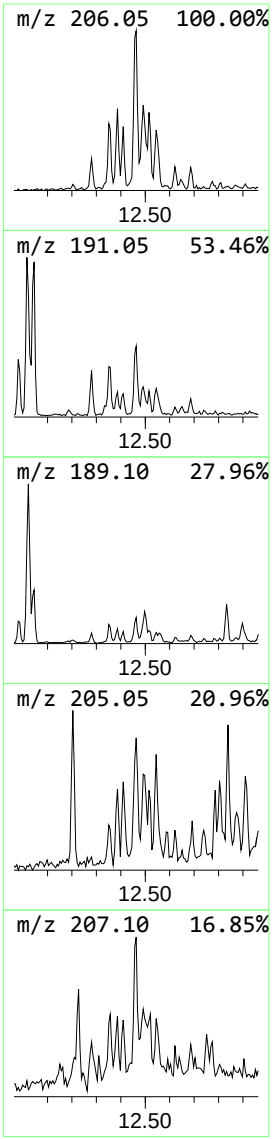
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.62 ng	325660	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Sample : M2048-01
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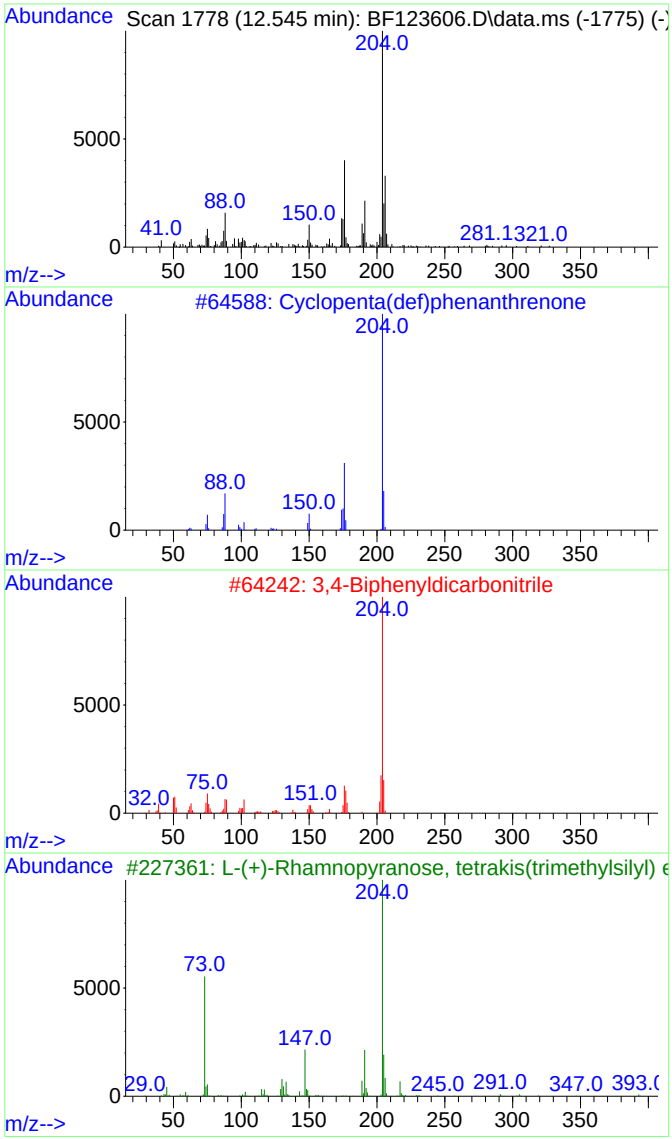
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

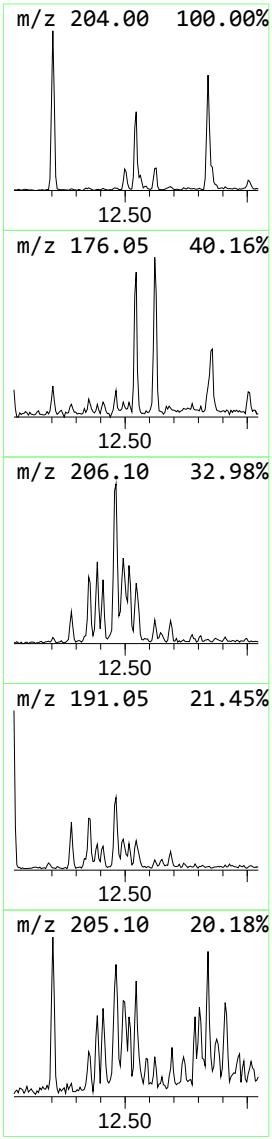
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.99 ng	268685	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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Instrument :
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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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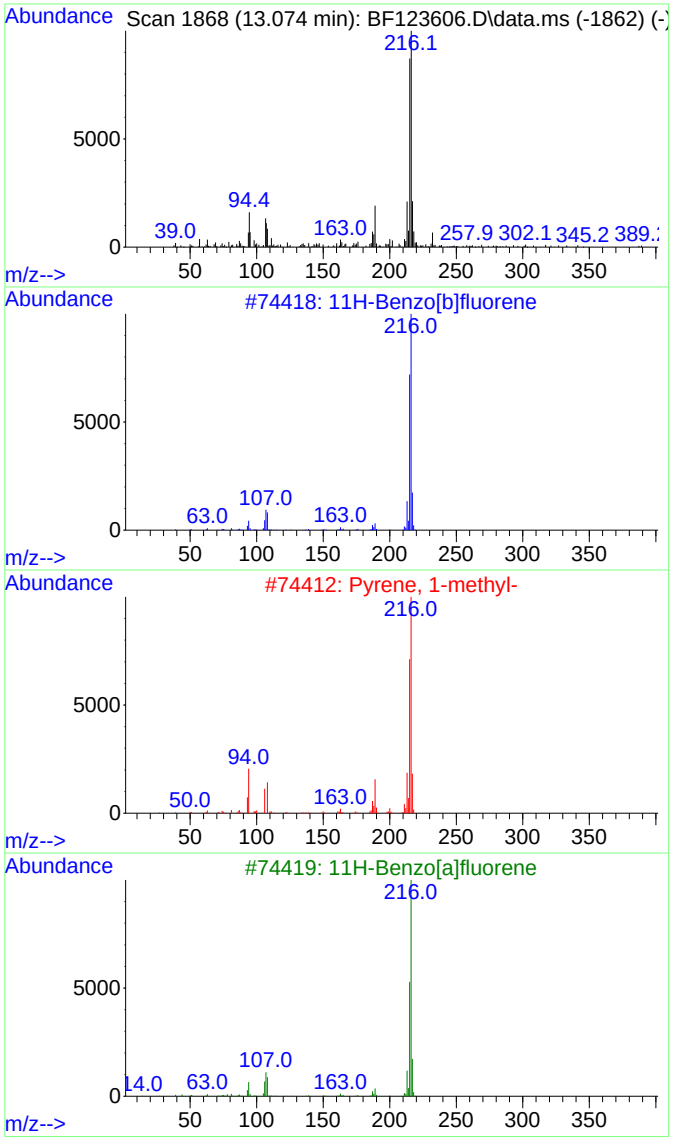
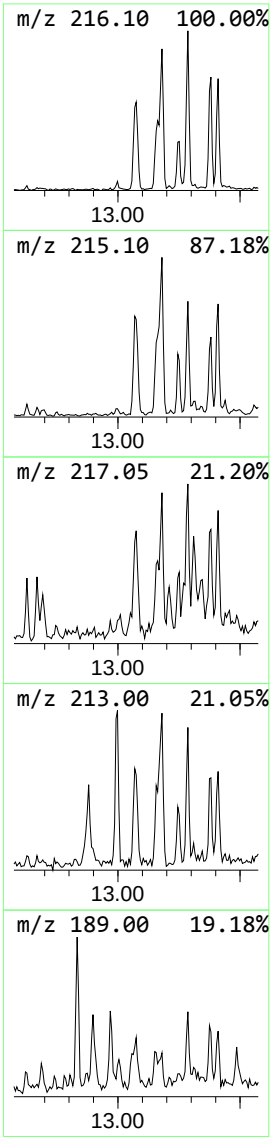
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.54 ng	403023	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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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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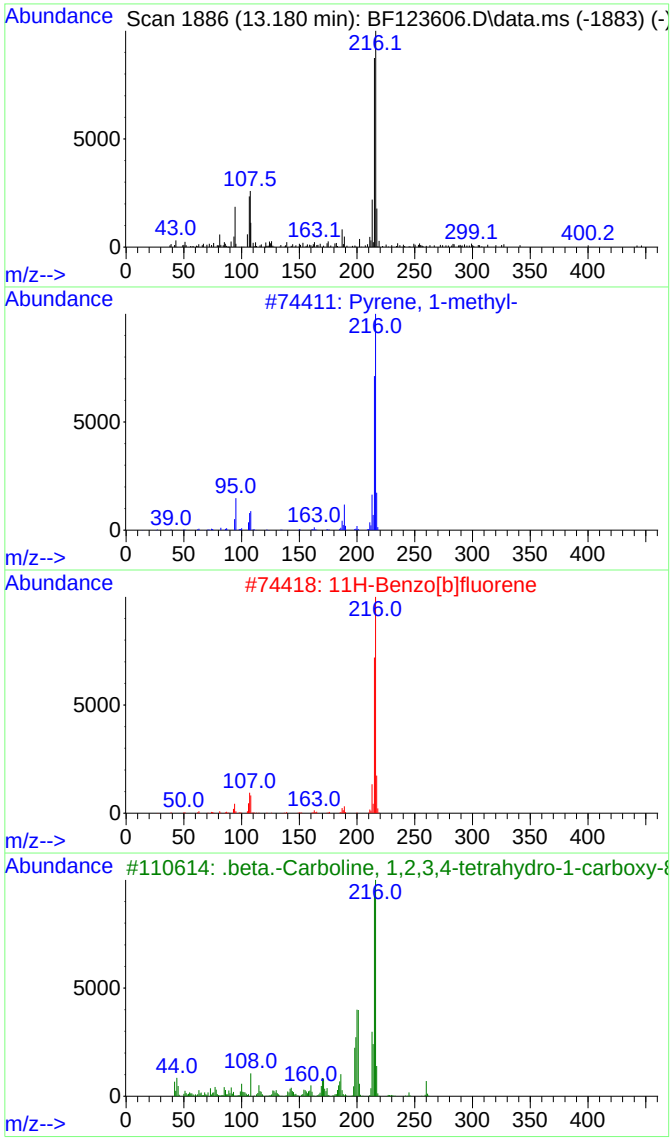
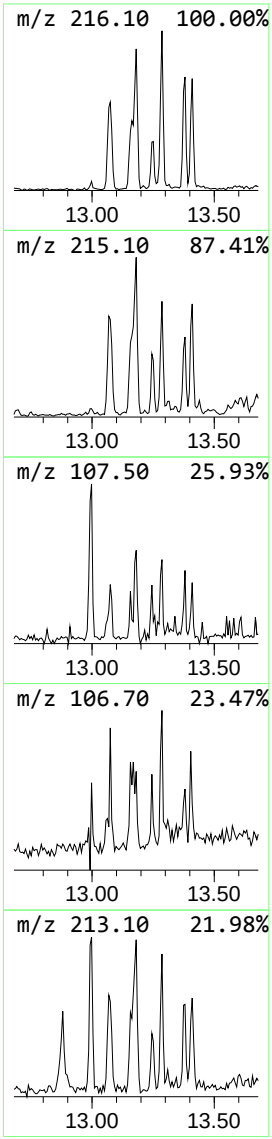
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.54 ng	289571	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	52





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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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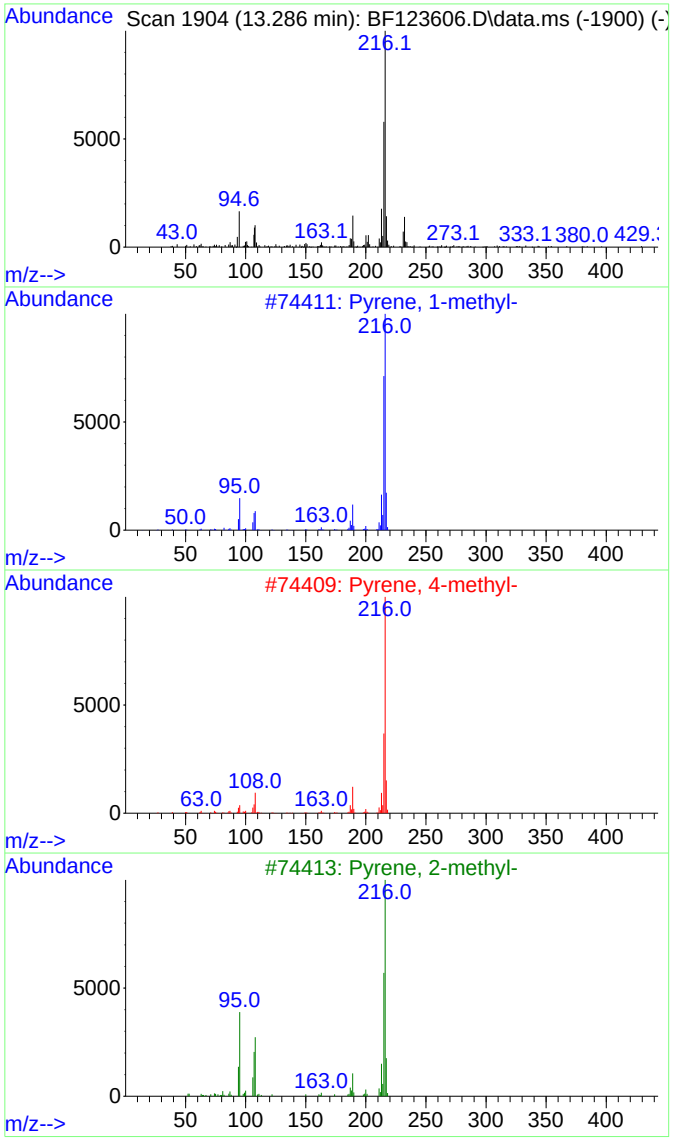
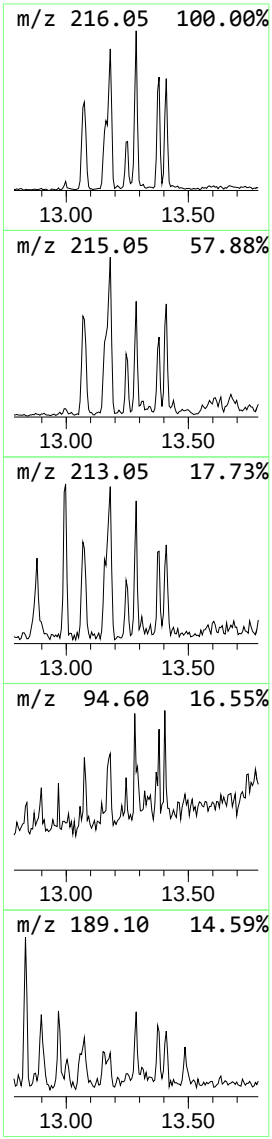
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.80 ng	318363	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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ClientSampleId : SB-01-0-2.0

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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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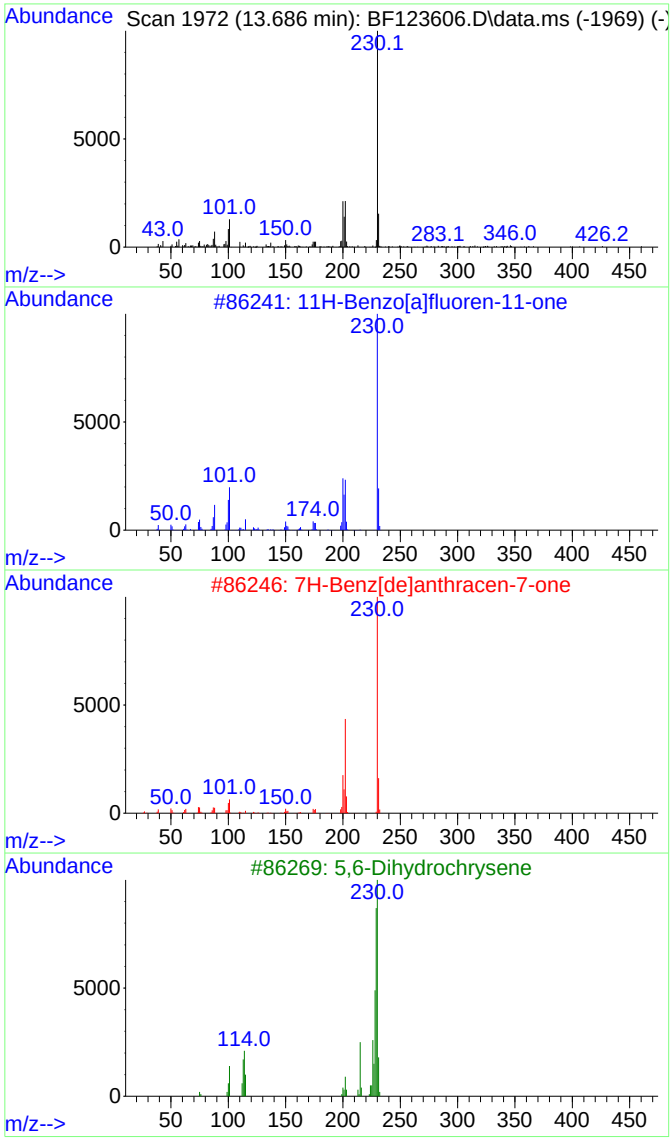
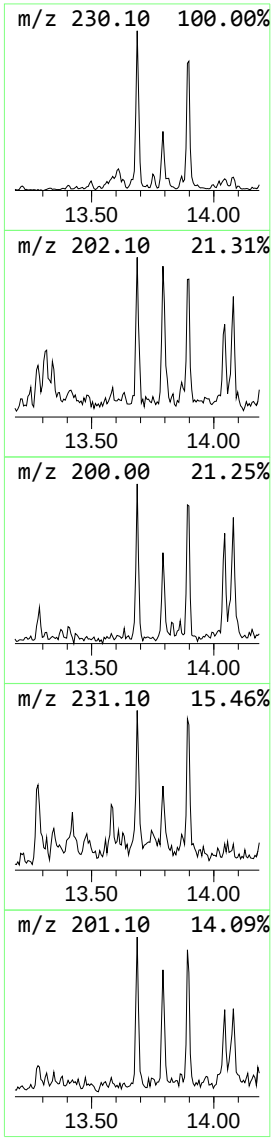
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	2.42 ng	274975	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	5,6-Dihydrochrysene	230	C18H14	002091-92-1	47
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	40
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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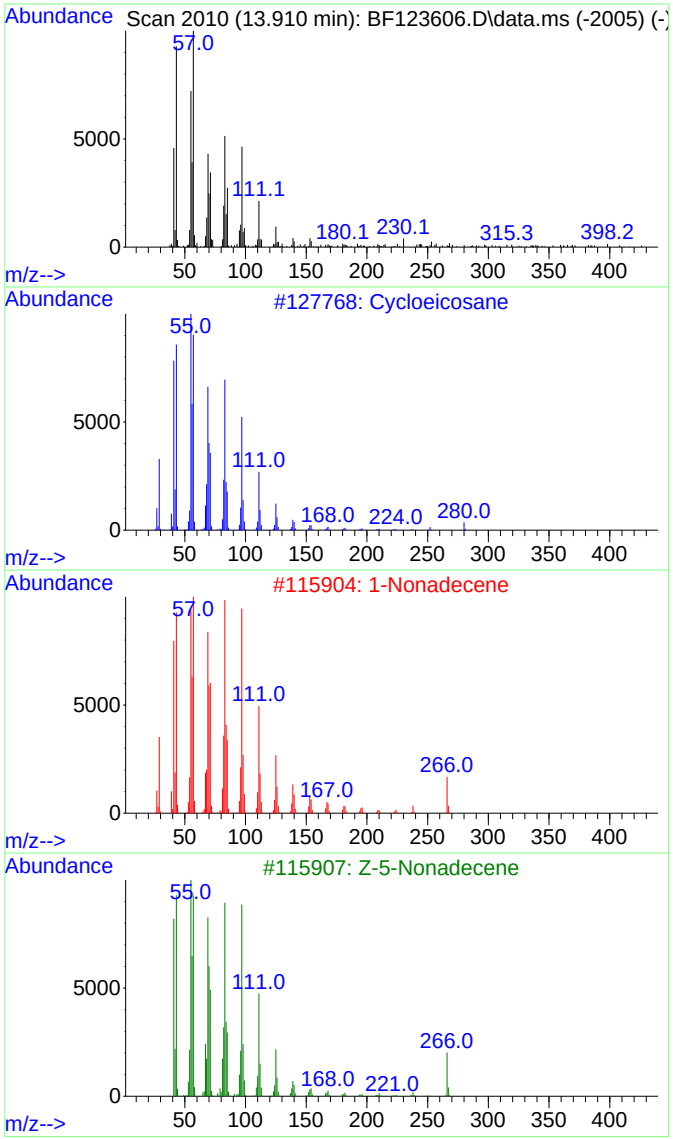
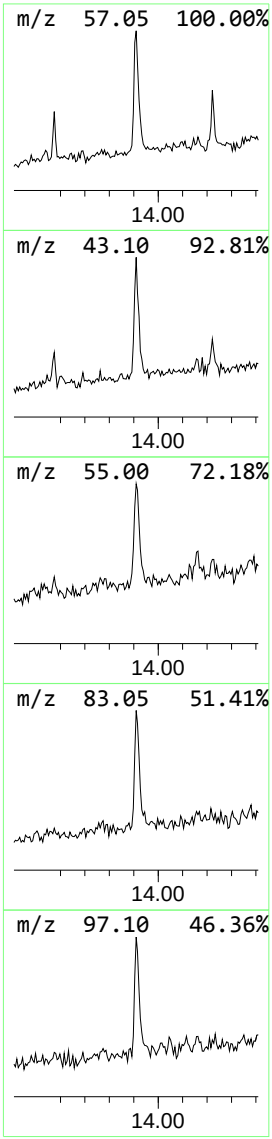
Peak Number 18 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	6.43 ng	731389	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	1-Docosene	308	C22H44	001599-67-3	86





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Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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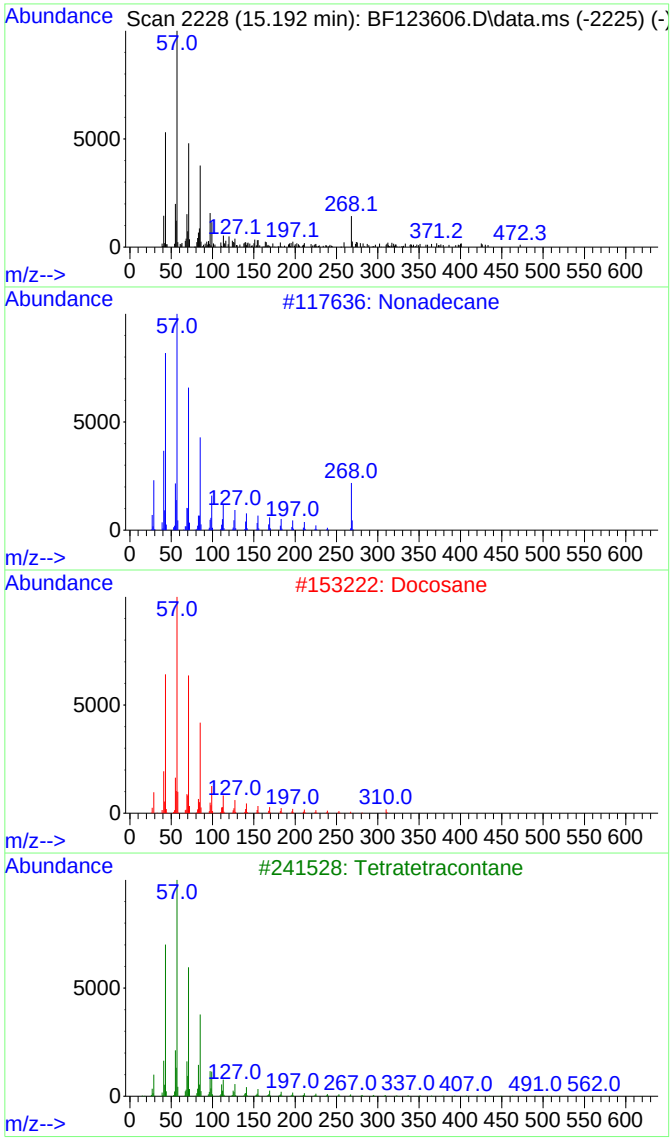
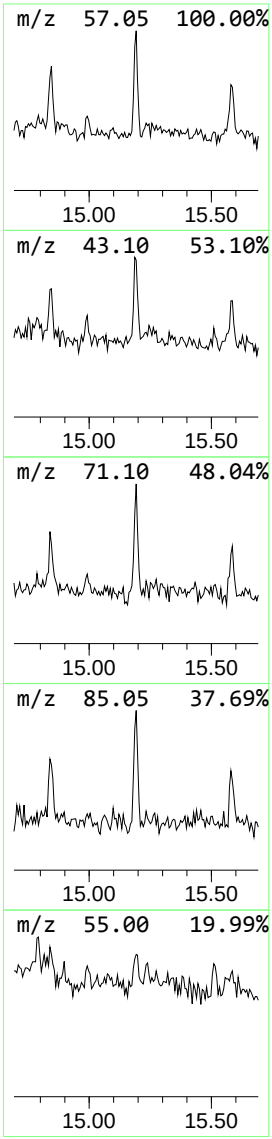
Peak Number 19 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	3.13 ng	165379	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Docosane	310	C22H46	000629-97-0	62
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Octacosane	394	C28H58	000630-02-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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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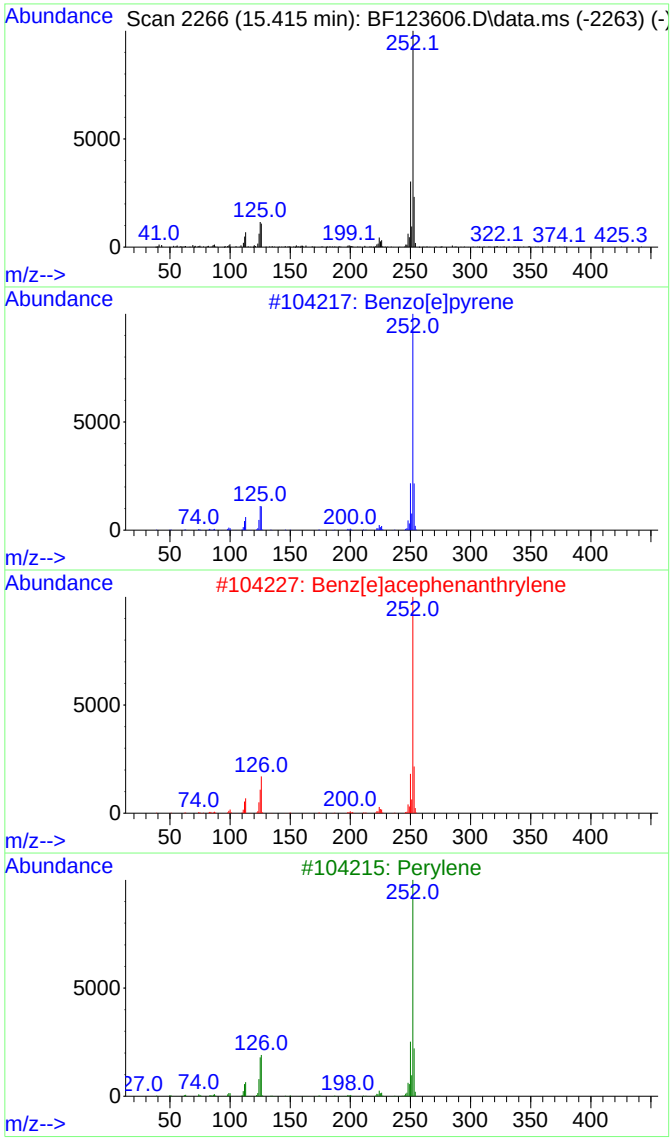
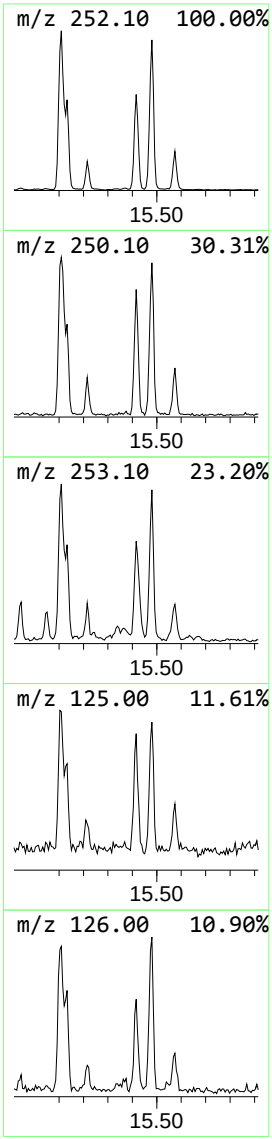
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	11.06 ng	584843	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123606.D
Acq On : 16 Apr 2021 22:54
Operator : JU/CG
Sample : M2048-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-0-2.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.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
Butane, 2-metho...	2.163	38.5	ng	3349630	1	6.869	1740870	20.0
9H-Fluoren-9-one	11.204	2.7	ng	241433	4	11.404	1799650	20.0
Anthracene, 1,2...	11.263	2.9	ng	260248	4	11.404	1799650	20.0
Dibenzothiophene	11.298	2.5	ng	224971	4	11.404	1799650	20.0
Phenanthrene, 2...	11.910	6.7	ng	600613	4	11.404	1799650	20.0
Anthracene, 2-m...	11.933	9.7	ng	871252	4	11.404	1799650	20.0
Phenanthrene, 3...	11.980	2.5	ng	225412	4	11.404	1799650	20.0
Benzaldehyde, 3...	12.022	8.4	ng	757567	4	11.404	1799650	20.0
5H-Dibenzo[a,d]...	12.045	4.0	ng	355090	4	11.404	1799650	20.0
5,16[1',2']:8,1...	12.204	3.6	ng	326557	4	11.404	1799650	20.0
Benzo[c]cinnoline	12.222	3.4	ng	301844	4	11.404	1799650	20.0
Phenanthrene, 2...	12.463	3.6	ng	325660	4	11.404	1799650	20.0
Cyclopenta(def)...	12.545	3.0	ng	268685	4	11.404	1799650	20.0
11H-Benzo[b]flu...	13.074	3.5	ng	403023	5	14.057	2276670	20.0
Pyrene, 1-methyl-	13.180	2.5	ng	289571	5	14.057	2276670	20.0
Pyrene, 4-methyl-	13.286	2.8	ng	318363	5	14.057	2276670	20.0
11H-Benzo[a]flu...	13.686	2.4	ng	274975	5	14.057	2276670	20.0
Cycloeicosane	13.910	6.4	ng	731389	5	14.057	2276670	20.0
Nonadecane	15.192	3.1	ng	165379	6	15.545	1057250	20.0
Benzo[e]pyrene	15.415	11.1	ng	584843	6	15.545	1057250	20.0