LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-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-BF062119.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	5.195	550	554	558	rBV	2938858	3024818	23.66%	1.913%
2	6.242	727	732	735	rBV	3419589	3176403	24.85%	2.008%
3	6.366	749	753	757	rBV	3369942	3367125	26.34%	2.129%
4	6.601	789	793	797	rBV	1557307	1218140	9.53%	0.770%
5	6.760	816	820	823	rBV	3182511	2752203	21.53%	1.740%
6	7.160	883	888	891	rBV	2203116	2016217	15.77%	1.275%
7	7.883	1007	1011	1013	rBV	1900744	1563304	12.23%	0.988%
8	7.901	1013	1014	1018	rVB	365336	246422	1.93%	0.156%
9	8.960	1190	1194	1197	rBV	4743940	3867453	30.25%	2.445%
10	9.354	1258	1261	1264	rVV	512274	430696	3.37%	0.272%
11	9.489	1280	1284	1290	rBV	1048236	856536	6.70%	0.542%
12	9.630	1303	1308	1311	rBV	2015297	1820914	14.24%	1.151%
13	9.660	1311	1313	1317	rVB	1047869	786182	6.15%	0.497%
14	9.830	1337	1342	1347	rBV2	452108	417459	3.27%	0.264%
15	10.172	1397	1400	1406	rVB	954026	794338	6.21%	0.502%
16	10.330	1425	1427	1430	rBV	365332	262371	2.05%	0.166%
17	10.413	1437	1441	1445	rVV	2701970	2551597	19.96%	1.613%
18	10.719	1486	1493	1496	rBV3	326125	467722	3.66%	0.296%
19	10.801	1504	1507	1510	rVB2	185977	195903	1.53%	0.124%
20	10.848	1510	1515	1517	rBV2	295405	372042	2.91%	0.235%
21	10.871	1517	1519	1521	rVV	307515	265138	2.07%	0.168%
22	10.907	1523	1525	1531	rVB2	226381	258784	2.02%	0.164%
23	10.966	1531	1535	1538	rBV2	471996	571191	4.47%	0.361%
24	11.001	1538	1541	1544	rVB	499048	417048	3.26%	0.264%
25	11.107	1552	1559	1560	rBV	1779711	1726783	13.51%	1.092%
26	11.136	1560	1564	1567	rVV	6873650	6993144	54.70%	4.422%
27	11.183	1567	1572	1575	rVV	3294720	2987584	23.37%	1.889%
28	11.213	1575	1577	1581	rVB2	282444	290632	2.27%	0.184%
29	11.330	1591	1597	1600	rBV2	561640	615790	4.82%	0.389%
30	11.366	1600	1603	1606	rVV2	154120	205237	1.61%	0.130%
31	11.401	1606	1609	1612	rVV	455970	404187	3.16%	0.256%
32	11.436	1612	1615	1618	rVB3	214958	246197	1.93%	0.156%
33	11.607	1640	1644	1646	rVV	1403443	1325613	10.37%	0.838%
34	11.636	1646	1649	1651	rVV	1922695	1882205	14.72%	1.190%

LSC Area Percent Report

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Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.654	1651	1652	1654	rVV	663151	486250	3.80%	0.307%
36	11.677	1654	1656	1659	rVV	1036859	948686	7.42%	0.600%
37	11.713	1659	1662	1665	rVV	2470050	2871253	22.46%	1.815%
38	11.736	1665	1666	1669	rVB	1203041	749616	5.86%	0.474%
39	11.901	1691	1694	1696	rBV	1511753	1195181	9.35%	0.756%
40	11.924	1696	1698	1701	rVB	540892	450773	3.53%	0.285%
41	11.971	1704	1706	1710	rBV	176731	179338	1.40%	0.113%
42	12.048	1714	1719	1722	rBV	484895	545098	4.26%	0.345%
43	12.077	1722	1724	1726	rBV	311615	250265	1.96%	0.158%
44	12.101	1726	1728	1731	rVB	307977	261280	2.04%	0.165%
45	12.154	1733	1737	1740	rBV	782945	927724	7.26%	0.587%
46	12.189	1740	1743	1745	rVV	463094	492786	3.85%	0.312%
47	12.213	1745	1747	1749	rVV2	251500	189057	1.48%	0.120%
48	12.236	1749	1751	1759	rVB3	837187	1096775	8.58%	0.693%
49	12.324	1759	1766	1769	rBV	7557965	11283552	88.27%	7.134%
50	12.365	1769	1773	1777	rBV3	396697	571613	4.47%	0.361%
51	12.401	1777	1779	1782	rVB	430825	376311	2.94%	0.238%
52	12.436	1782	1785	1786	rBV2	485903	405995	3.18%	0.257%
53	12.454	1786	1788	1791	rVB2	669716	646839	5.06%	0.409%
54	12.554	1798	1805	1808	rBV3	7464517	12783435	100.00%	8.083%
55	12.589	1808	1811	1817	rVB2	904269	1030451	8.06%	0.652%
56	12.660	1819	1823	1825	rBV	1103096	1005171	7.86%	0.636%
57	12.689	1825	1828	1834	rVB2	4469392	4144551	32.42%	2.621%
58	12.760	1834	1840	1847	rBV3	1136625	2020725	15.81%	1.278%
59	12.818	1847	1850	1851	rBV2	162435	166914	1.31%	0.106%
60	12.842	1851	1854	1856	rBV2	811855	950179	7.43%	0.601%
61	12.865	1856	1858	1861	rVB	2211594	2055040	16.08%	1.299%
62	12.901	1861	1864	1866	rBV2	188771	241242	1.89%	0.153%
63	12.936	1866	1870	1872	rBV	1672490	1574756	12.32%	0.996%
64	12.971	1872	1876	1878	rBV	1810537	1823938	14.27%	1.153%
65	12.995	1878	1880	1883	rVB2	547406	532649	4.17%	0.337%
66	13.024	1883	1885	1888	rBV	330510	326362	2.55%	0.206%
67	13.060	1888	1891	1894	rBV	936692	756461	5.92%	0.478%
68	13.089	1894	1896	1900	rBV2	1035111	923077	7.22%	0.584%
69	13.165	1906	1909	1910	rBV2	244112	266761	2.09%	0.169%
70	13.248	1919	1923	1925	rBV2	268548	409710	3.21%	0.259%
71	13.289	1928	1930	1932	rVV2	560446	501106	3.92%	0.317%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3606-02
Misc :
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Instrument : BNA_F
ClientSampleId : HJDC-COMP-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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.365	1937	1943	1949	rVV2	717123	1311500	10.26%	0.829%
73	13.477	1958	1962	1964	rBV2	1058842	1153267	9.02%	0.729%
74	13.507	1964	1967	1969	rVV	1346922	1362692	10.66%	0.862%
75	13.530	1969	1971	1973	rVV	1211745	1242597	9.72%	0.786%
76	13.577	1977	1979	1983	rVB	851700	721588	5.64%	0.456%
77	13.648	1988	1991	1998	rVV2	338069	522846	4.09%	0.331%
78	13.730	1998	2005	2008	rVV2	5560797	9008868	70.47%	5.696%
79	13.765	2008	2011	2016	rVB	5441988	5654772	44.24%	3.575%
80	13.836	2020	2023	2026	rVV	1170080	971871	7.60%	0.614%
81	13.918	2034	2037	2039	rVV2	419328	416011	3.25%	0.263%
82	13.948	2039	2042	2046	rVB2	503719	631791	4.94%	0.399%
83	14.077	2062	2064	2066	rBV	357182	327750	2.56%	0.207%
84	14.118	2066	2071	2073	rVV	1228906	1380214	10.80%	0.873%
85	14.148	2073	2076	2079	rVB	712841	640130	5.01%	0.405%
86	14.207	2083	2086	2088	rVV2	622108	577813	4.52%	0.365%
87	14.236	2088	2091	2093	rVV4	657672	648869	5.08%	0.410%
88	14.259	2093	2095	2098	rVB3	581251	543332	4.25%	0.344%
89	14.412	2118	2121	2123	rBV2	385931	439879	3.44%	0.278%
90	14.524	2137	2140	2143	rVB3	340722	331432	2.59%	0.210%
91	14.583	2148	2150	2153	rVB2	600286	573137	4.48%	0.362%
92	14.736	2170	2176	2178	rBV	3670076	6463203	50.56%	4.087%
93	14.818	2187	2190	2194	rVB	1233730	1140481	8.92%	0.721%
94	14.995	2215	2220	2225	rVB	2488147	3222167	25.21%	2.037%
95	15.054	2225	2230	2234	rBV	3602530	4340758	33.96%	2.745%
96	15.101	2234	2238	2240	rBV	960436	1092914	8.55%	0.691%
97	15.130	2240	2243	2245	rVB	948558	911958	7.13%	0.577%
98	16.383	2450	2456	2461	rVB2	1600141	2812449	22.00%	1.778%
99	16.765	2515	2521	2528	rVB	1041336	1941068	15.18%	1.227%
100	18.694	2841	2849	2864	rVB3	1163537	3954710	30.94%	2.500%

Sum of corrected areas: 158158365

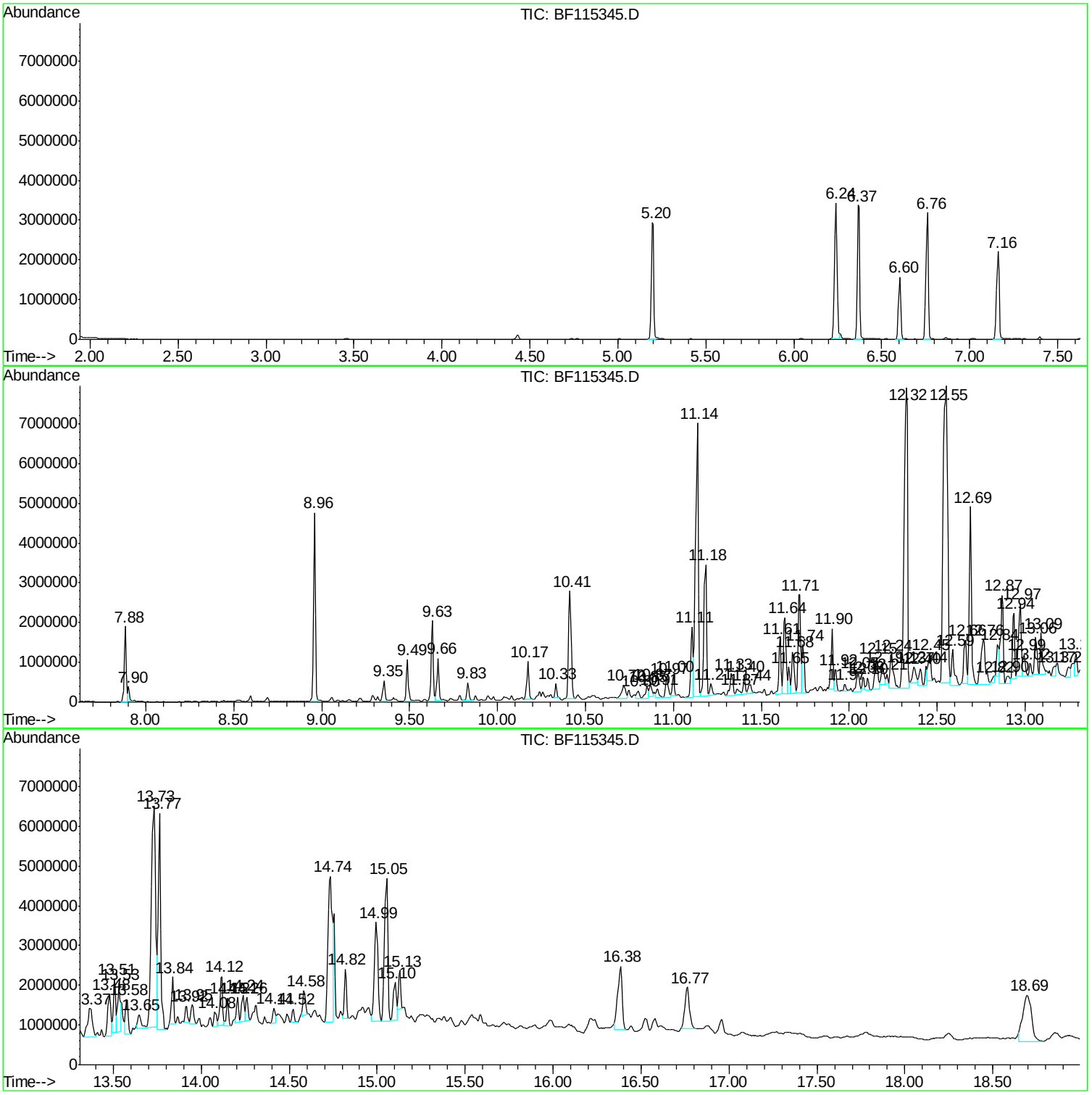
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

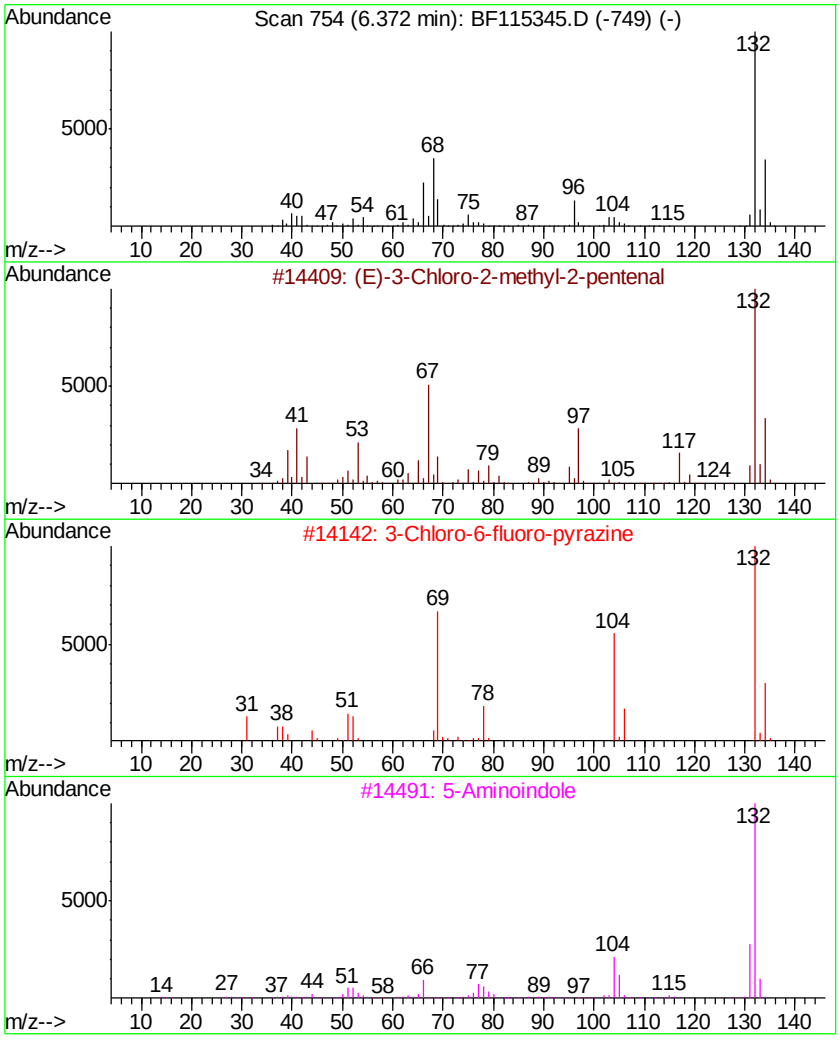
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

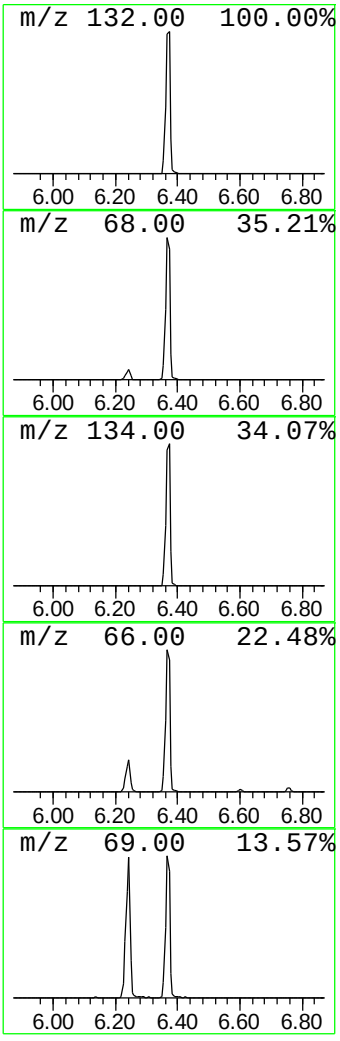
****

Peak Number 1 unknown6.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	55.28 ng	3367130	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

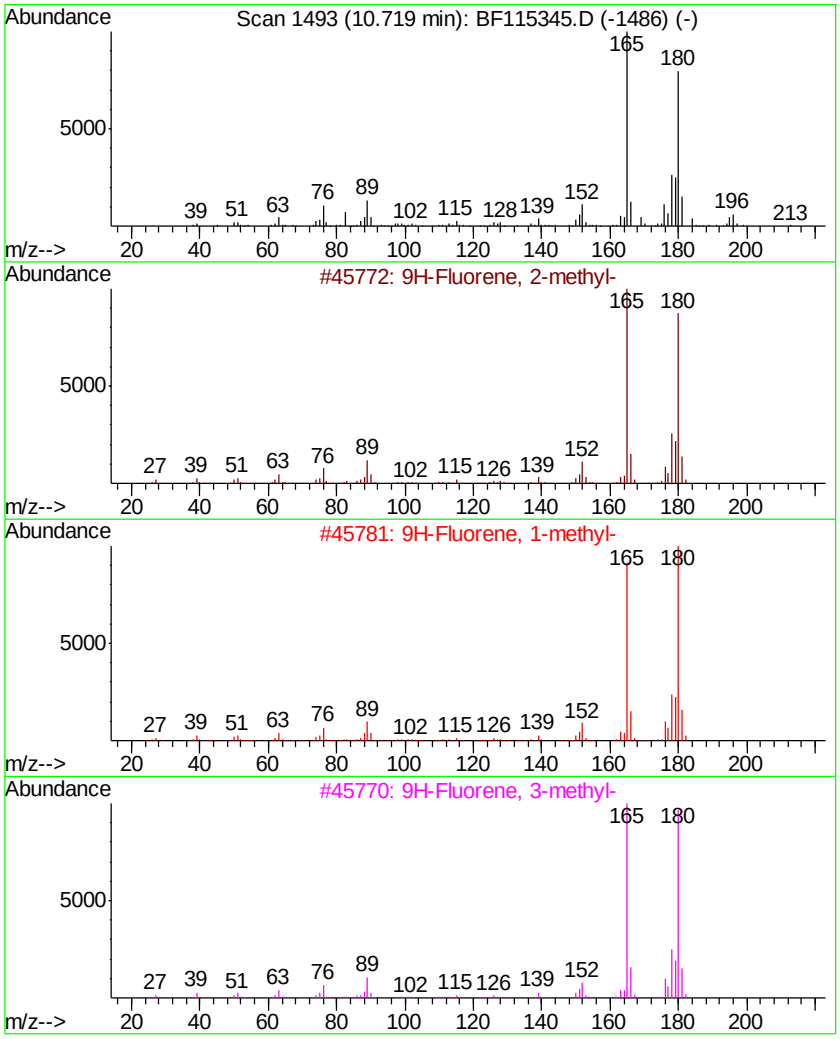
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

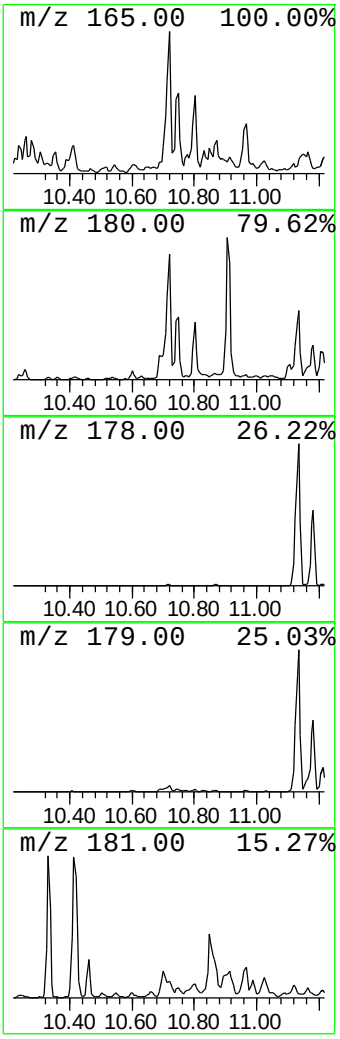
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	5.42 ng	467722	Phenanthrene-d10	11.11

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, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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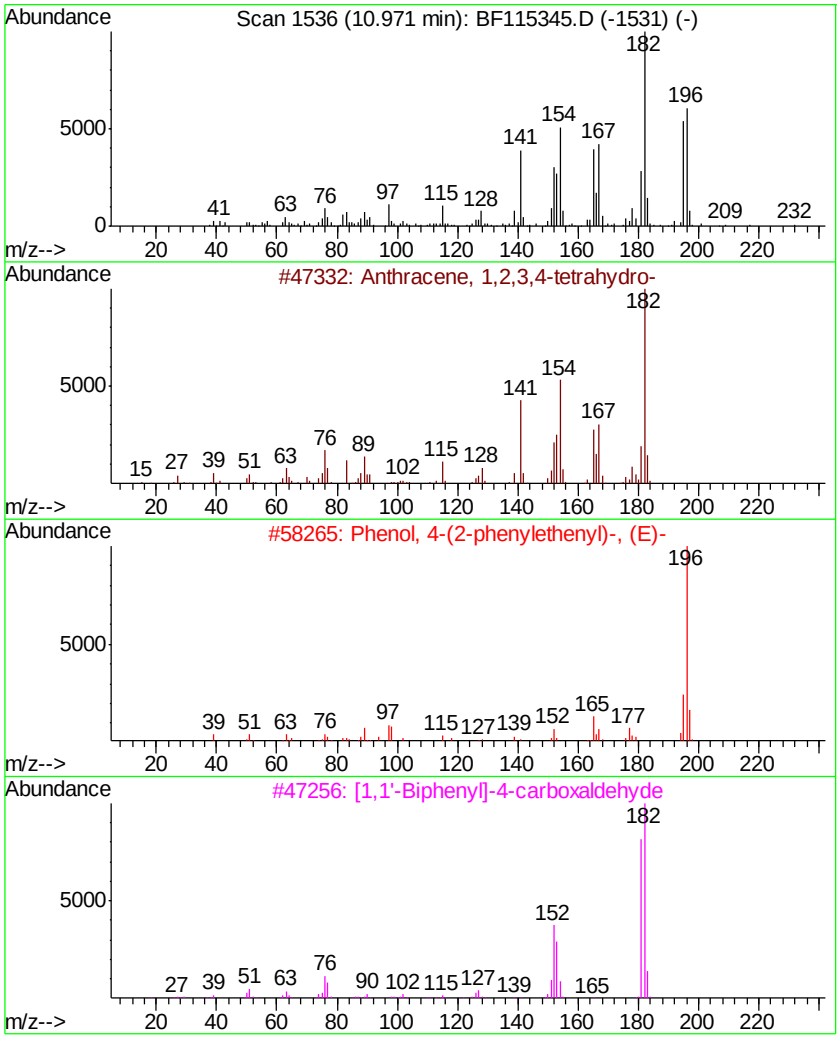
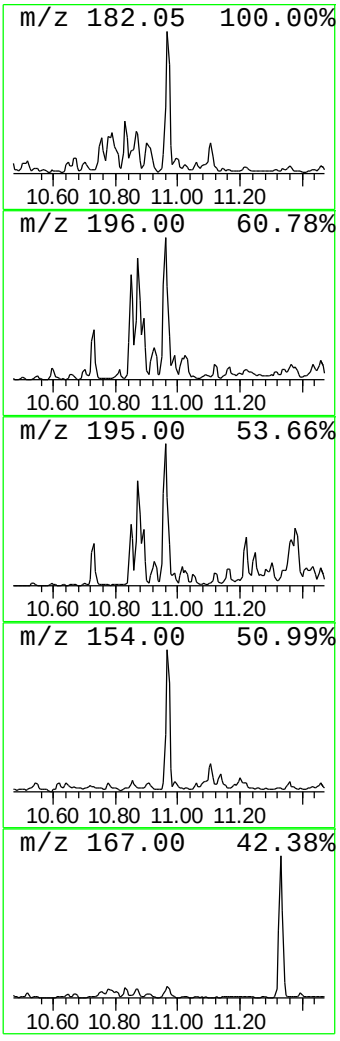
Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	6.62 ng	571191	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	90
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	44
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	41
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	35





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Acq On : 1 Jul 2019 18:21
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Sample : K3606-02
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

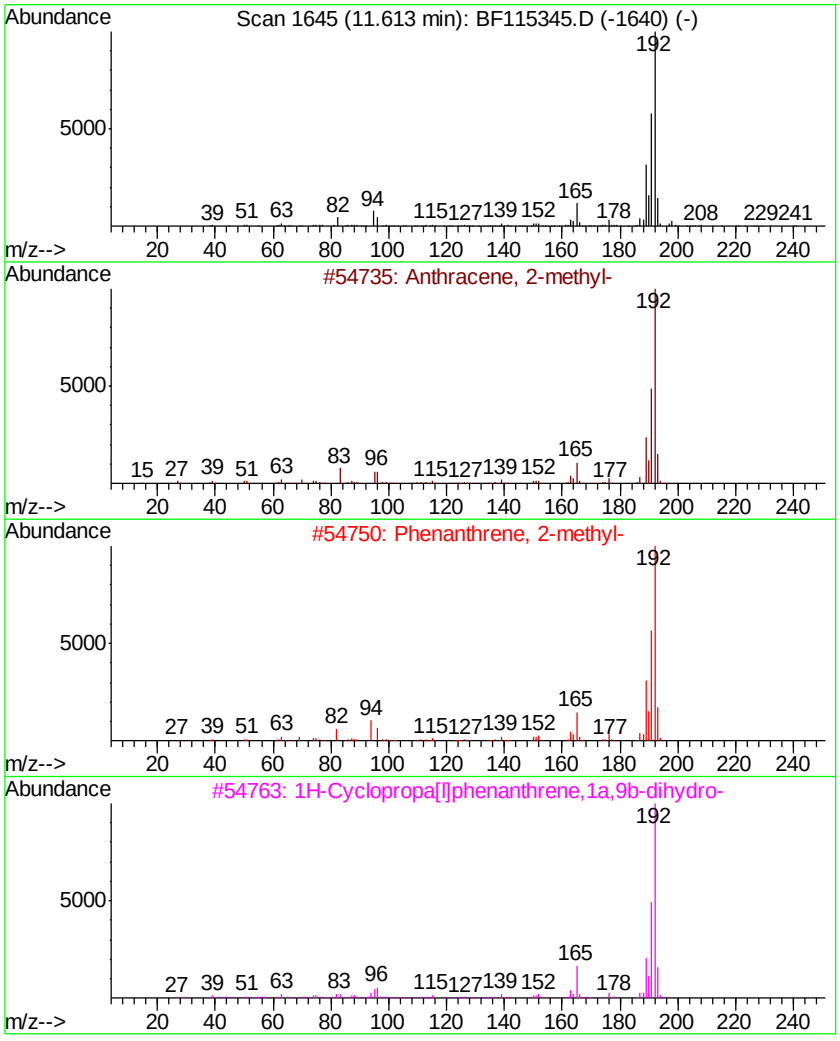
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

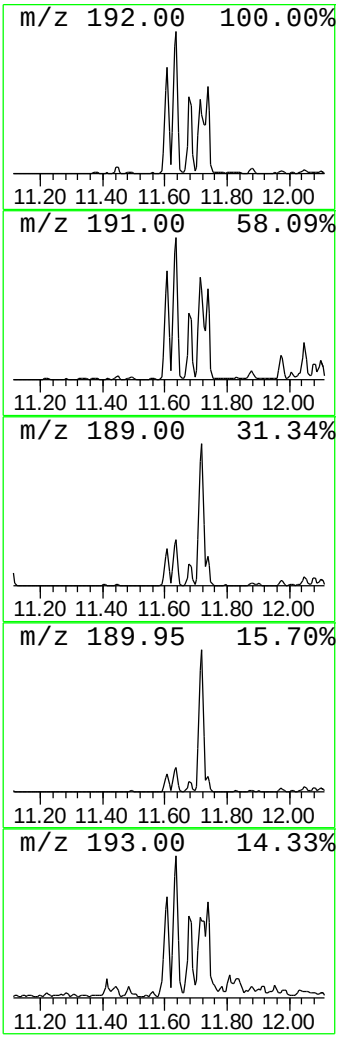
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	15.35 ng	1325610	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

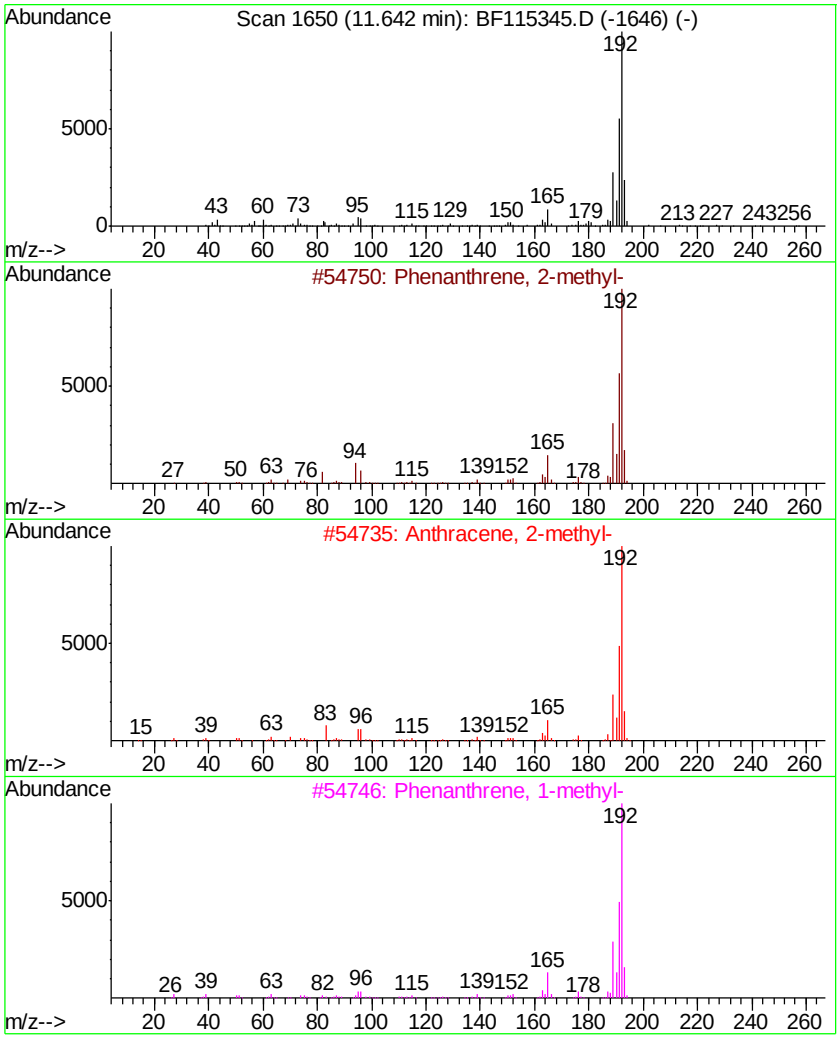
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

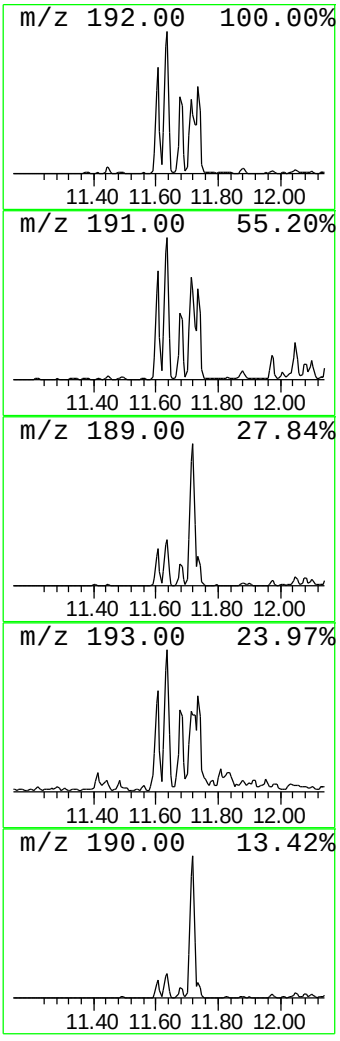
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	21.80 ng	1882210	Phenanthrene-d10	11.11

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

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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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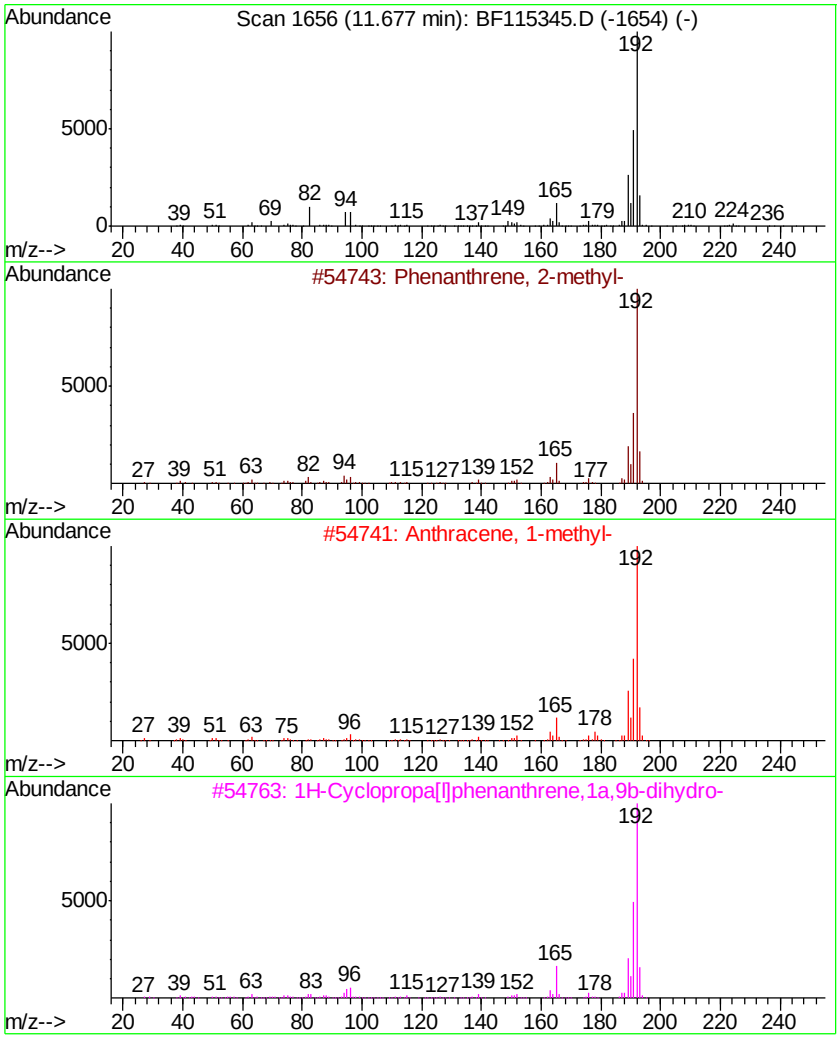
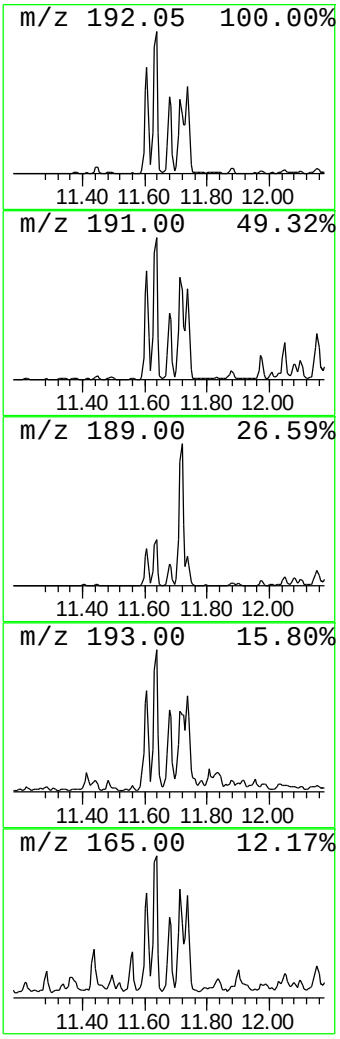
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	10.99 ng	948686	Phenanthrene-d10	11.11

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





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ALS Vial : 6 Sample Multiplier: 1

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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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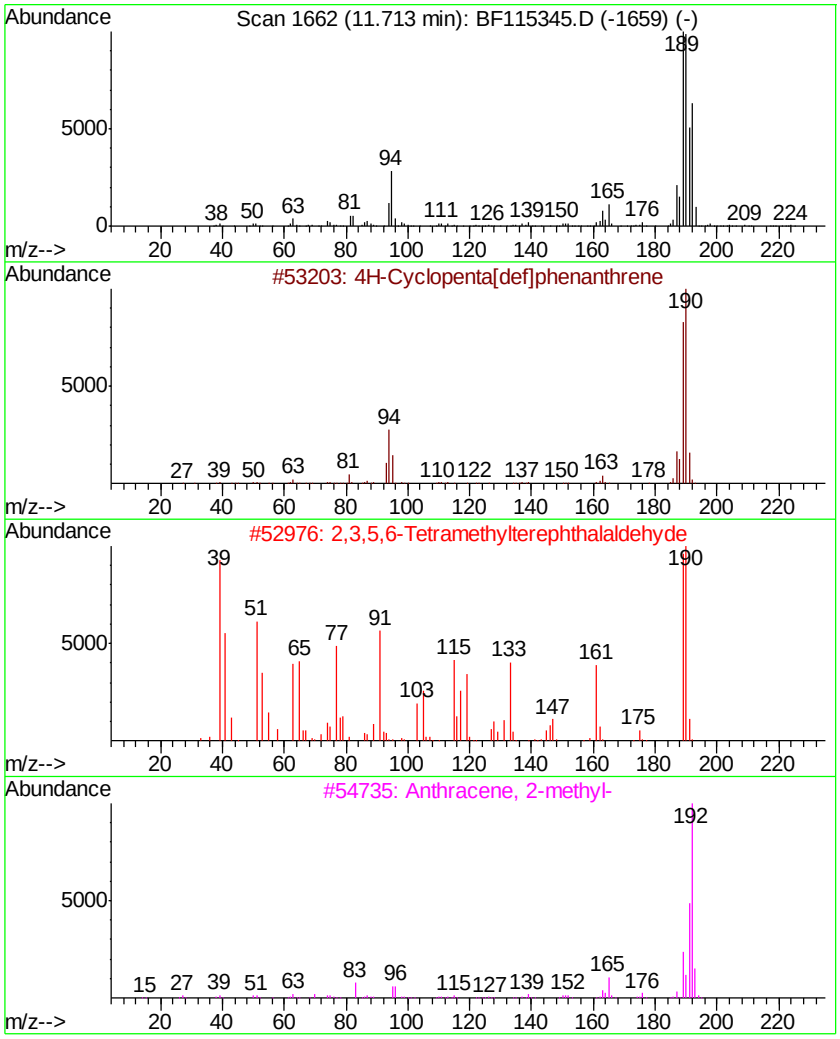
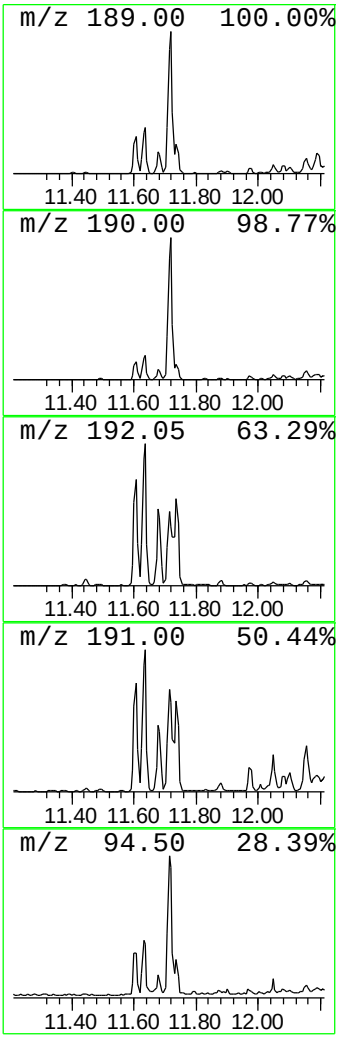
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	33.26 ng	2871250	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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

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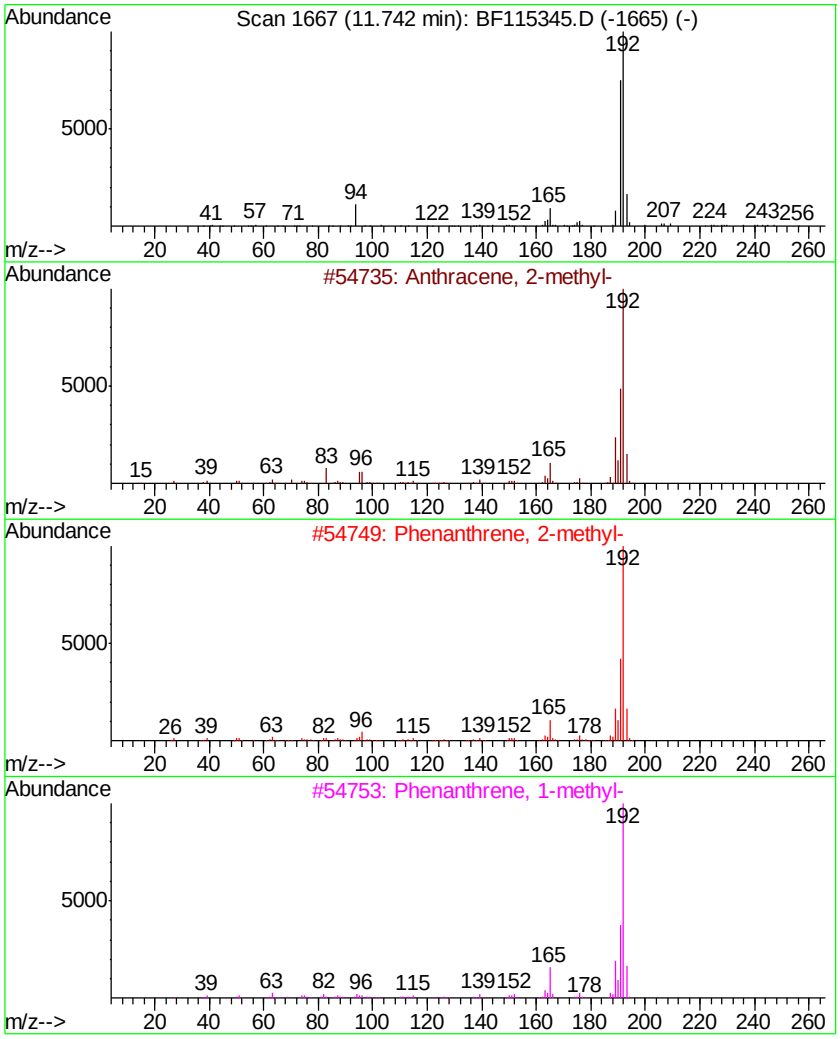
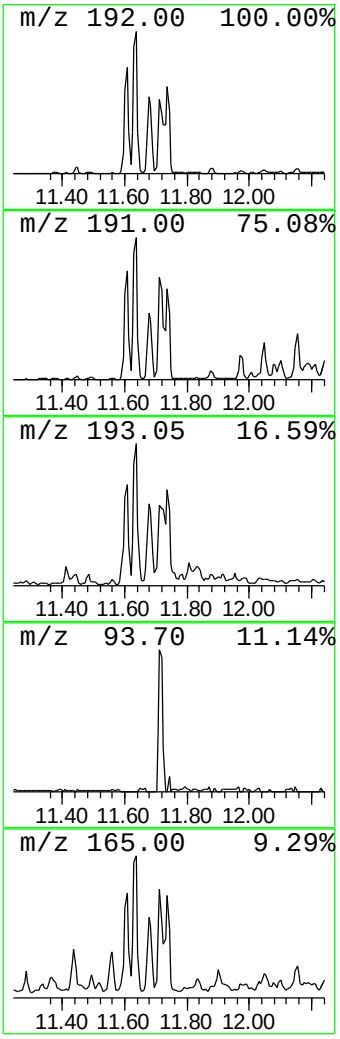
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.68 ng	749616	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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ClientSampleId : HJDC-COMP-1

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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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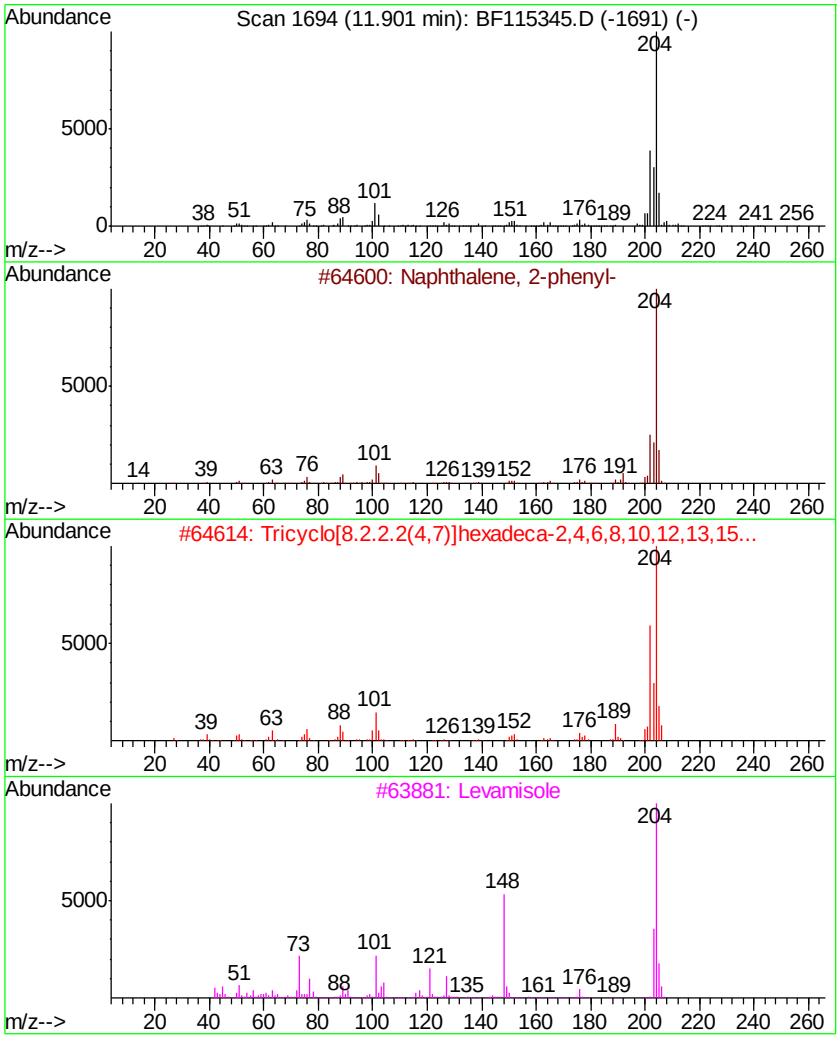
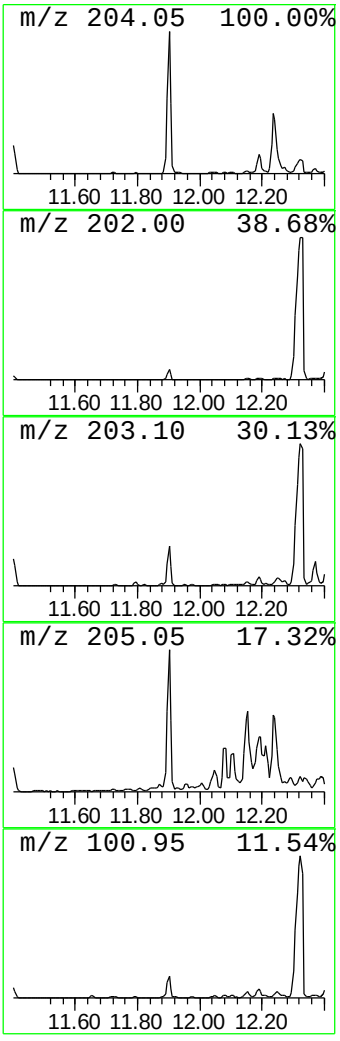
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.84 ng	1195180	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	Levamisole	204	C11H12N2S	014769-73-4	49
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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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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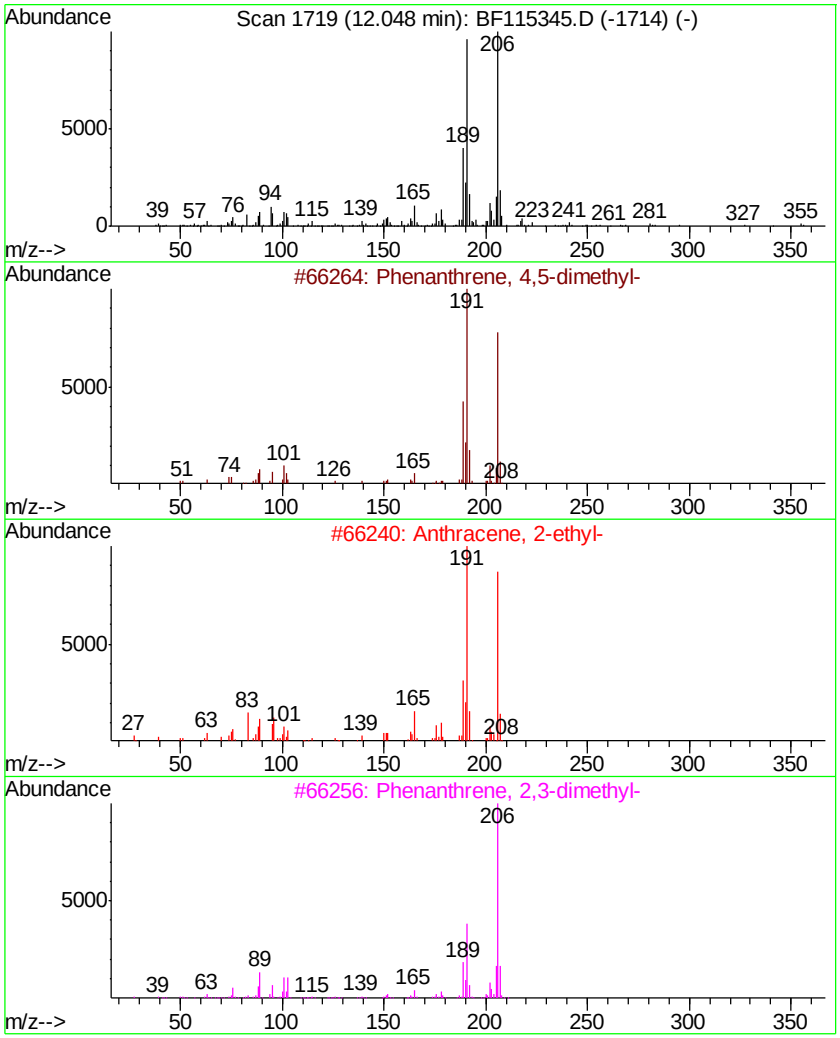
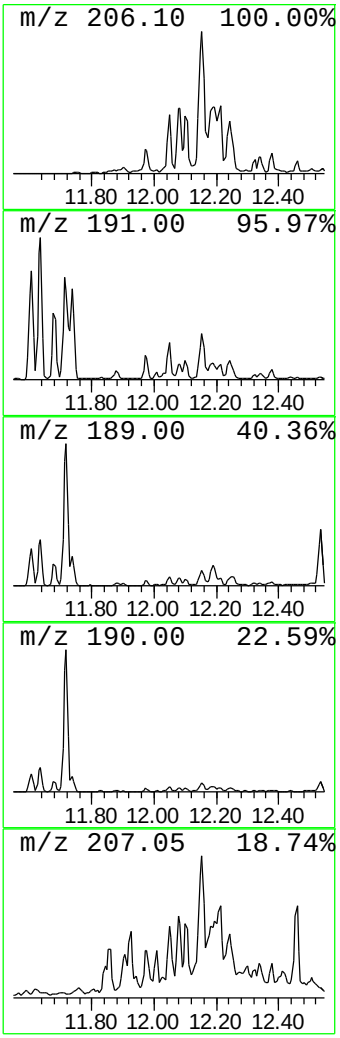
Peak Number 12 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	6.31 ng	545098	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	81
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	81





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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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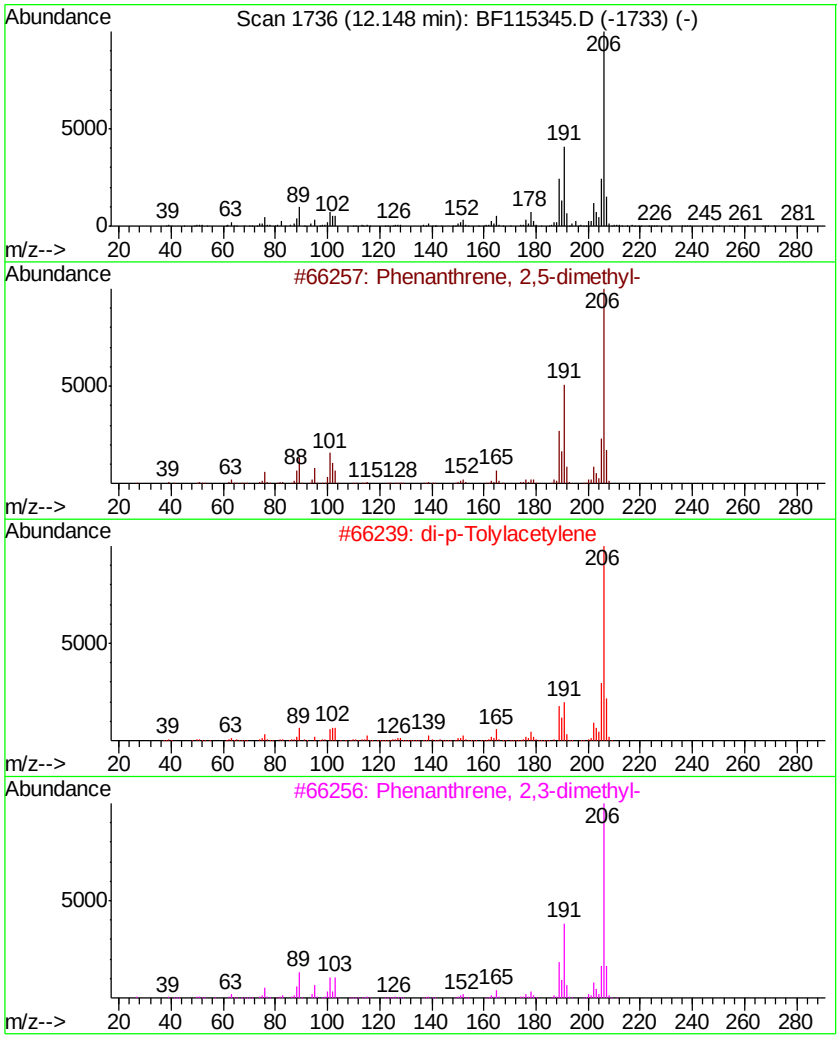
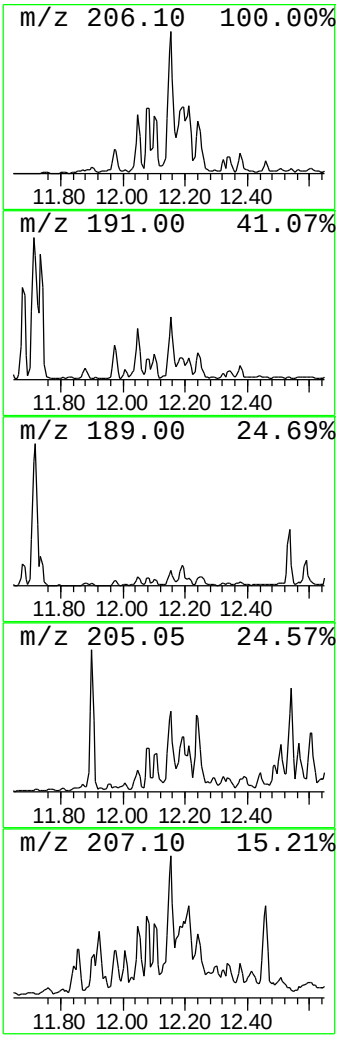
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	10.75 ng	927724	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Instrument : BNA_F
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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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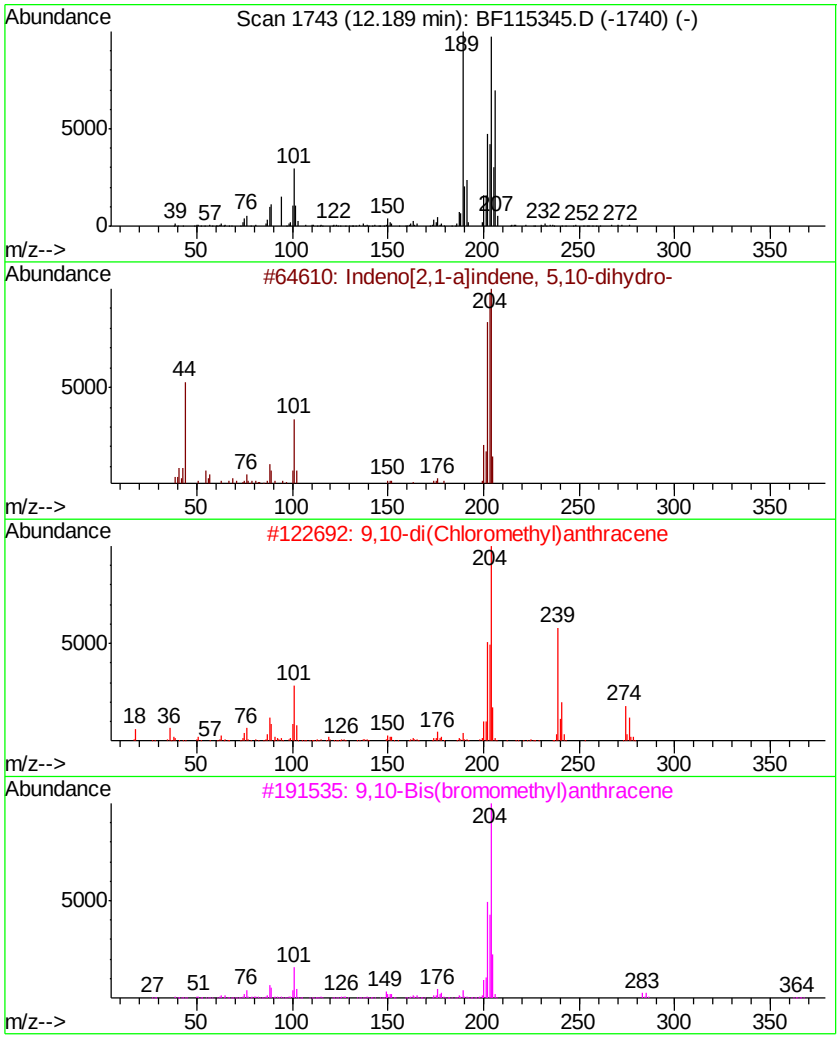
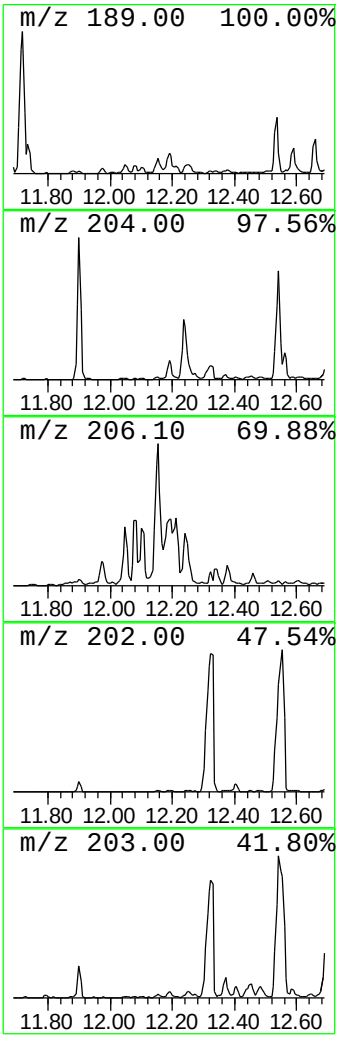
Peak Number 14 unknown12.19 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.71 ng	492786	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38





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ClientSampleId : HJDC-COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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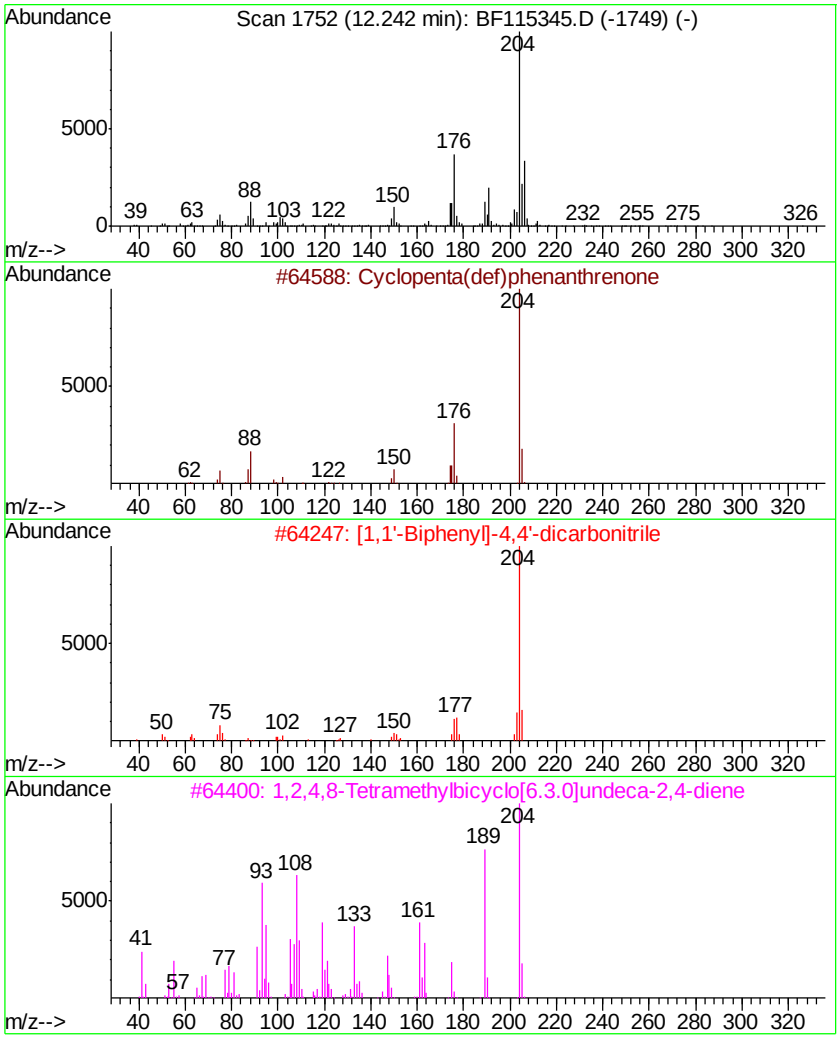
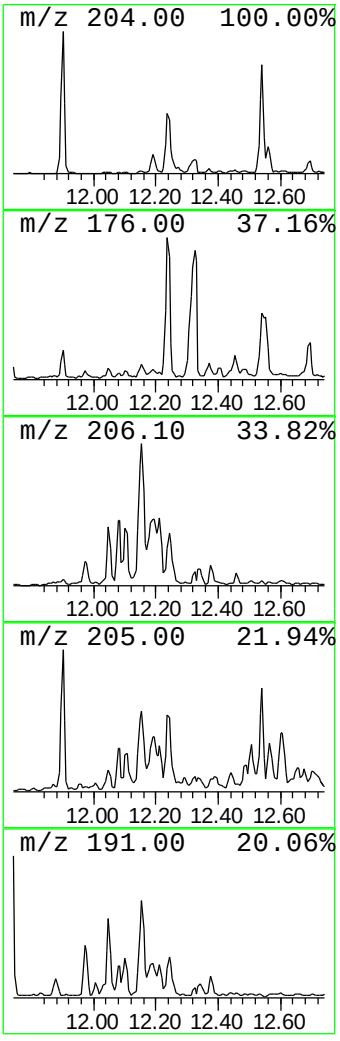
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	12.70 ng	1096780	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43





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TIC Integration Parameters: LSCINT.P

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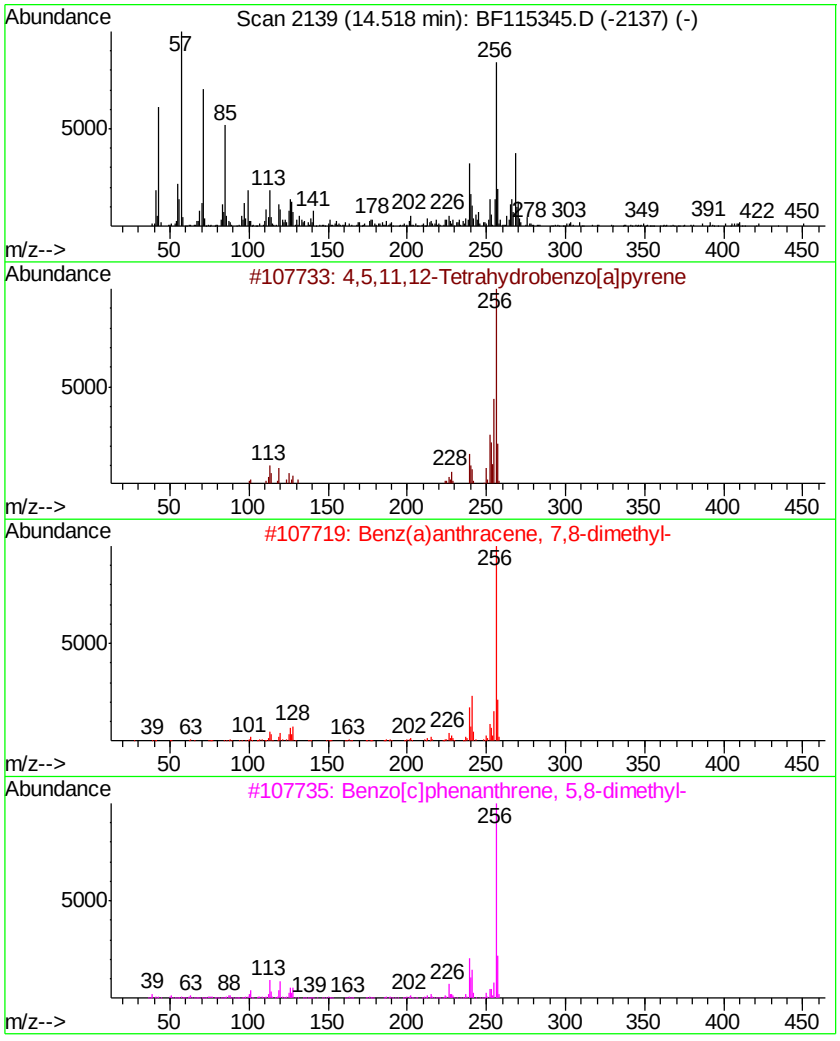
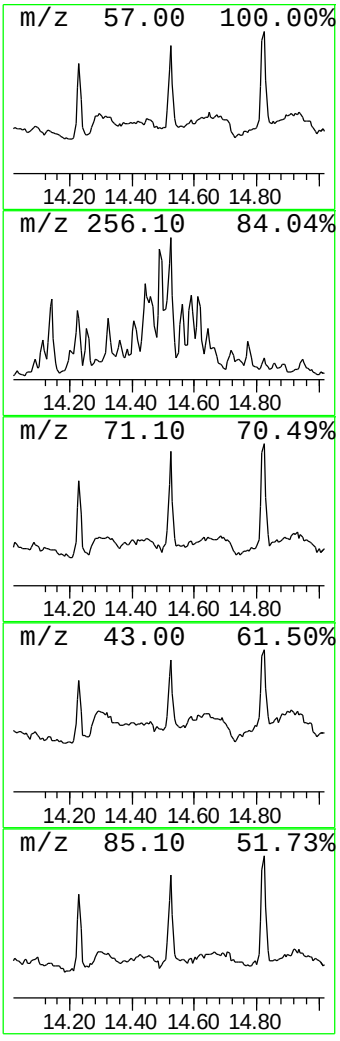
Peak Number 16 4,5,11,12-Tetrahydrobenzo[a... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.07 ng	331432	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	90
2	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	80
3	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	66
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	60
5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	58





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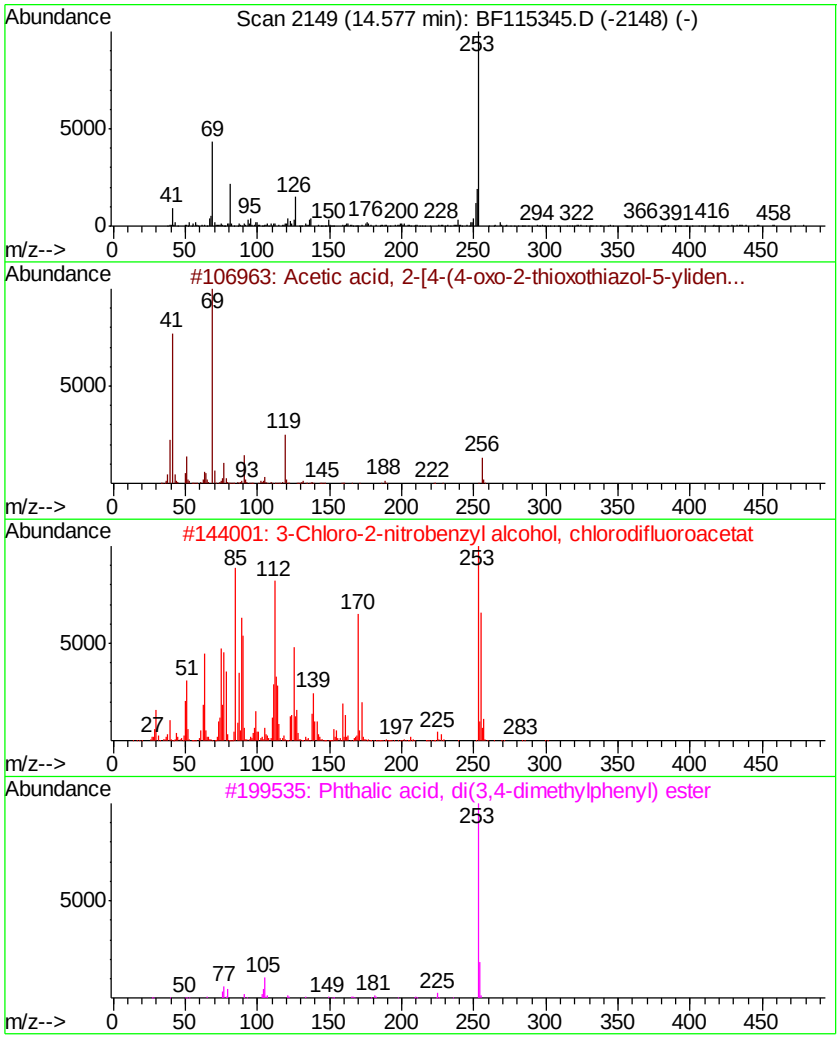
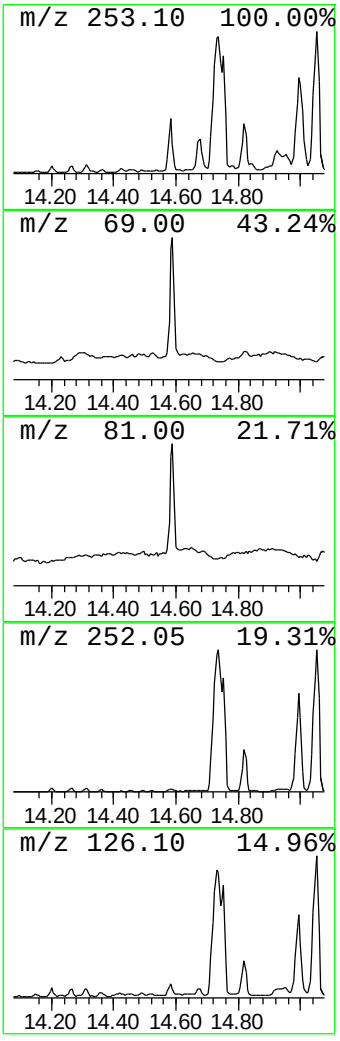
Peak Number 17 unknown14.58 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	10.49 ng	573137	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[4-(4-oxo-2-thiox...	256	C13H12N4O2	1000265-00-3	22
2	3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2NO4	1000376-11-2	10
3	Phthalic acid, di(3,4-dimethylph...	374	C24H22O4	1000309-82-6	10
4	1,3-Dioxolane, 4-ethyl-5-pentyl-...	308	C12H18F6O2	038363-94-9	10
5	Phthalic acid, di(3,5-dimethylph...	374	C24H22O4	1000309-79-1	10





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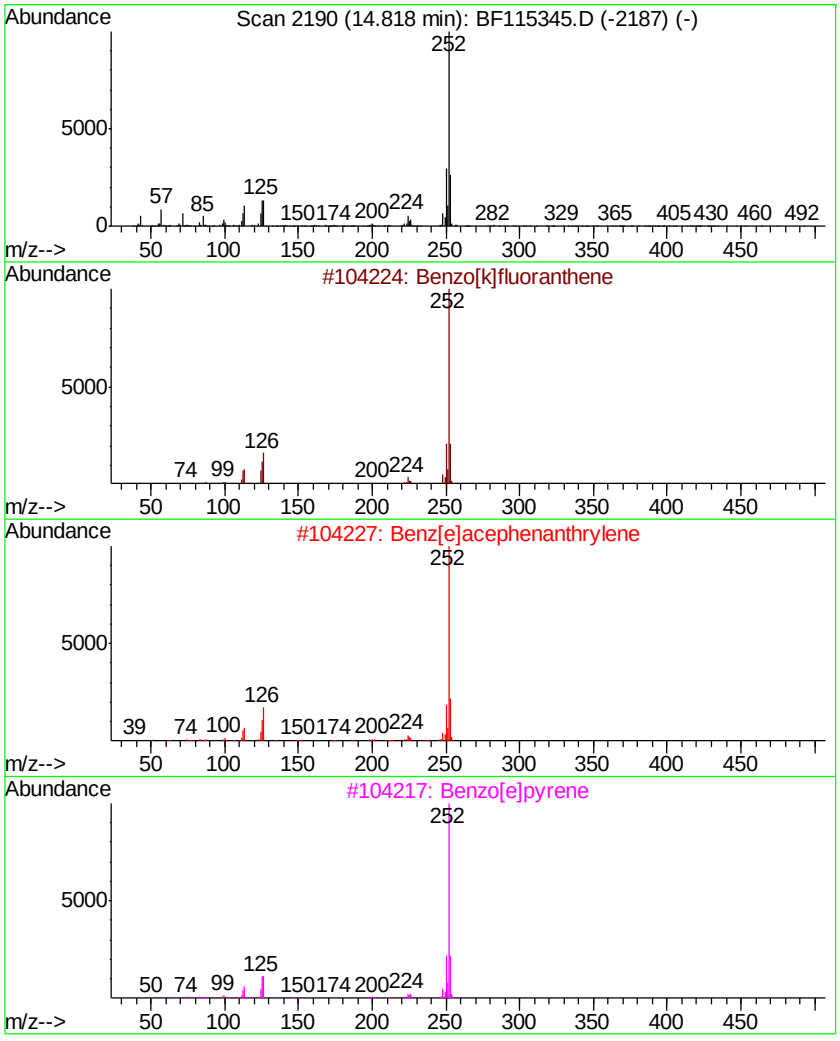
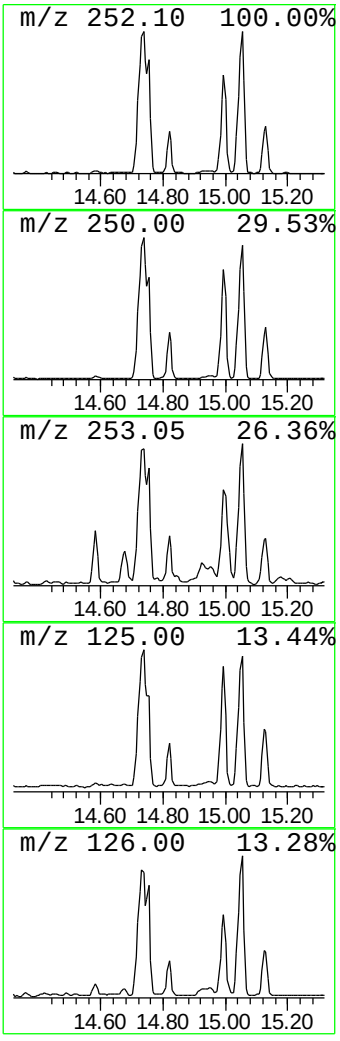
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	20.87 ng	1140480	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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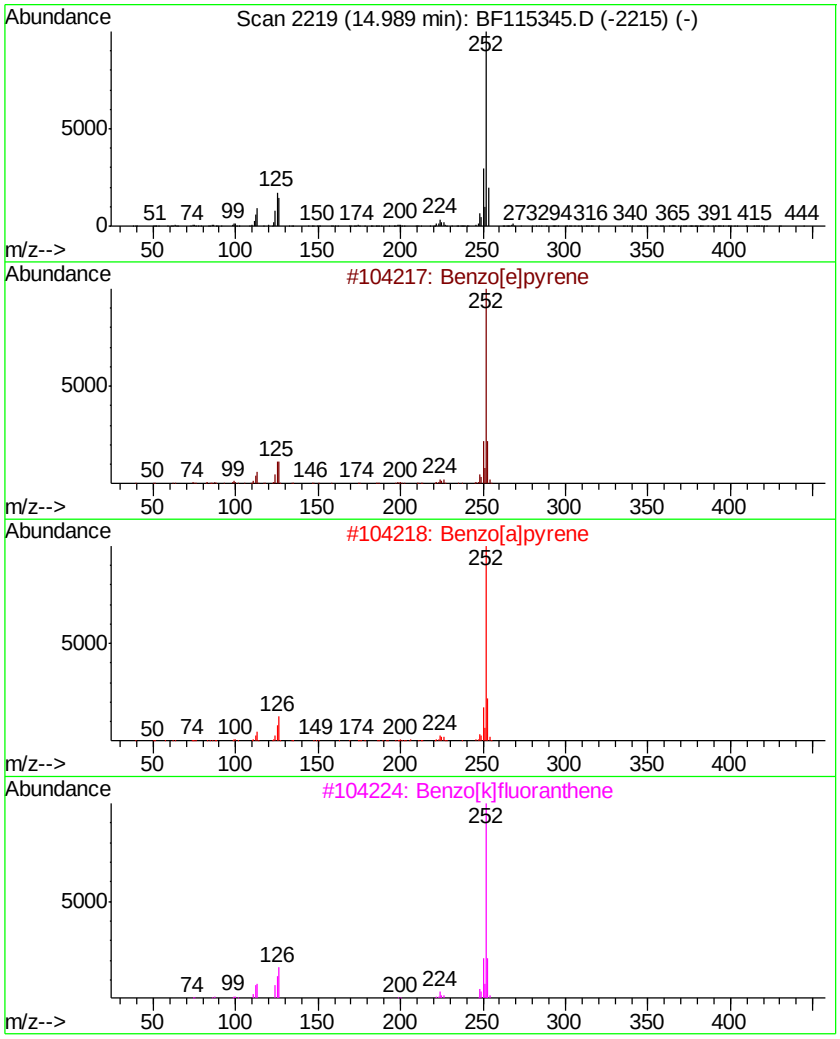
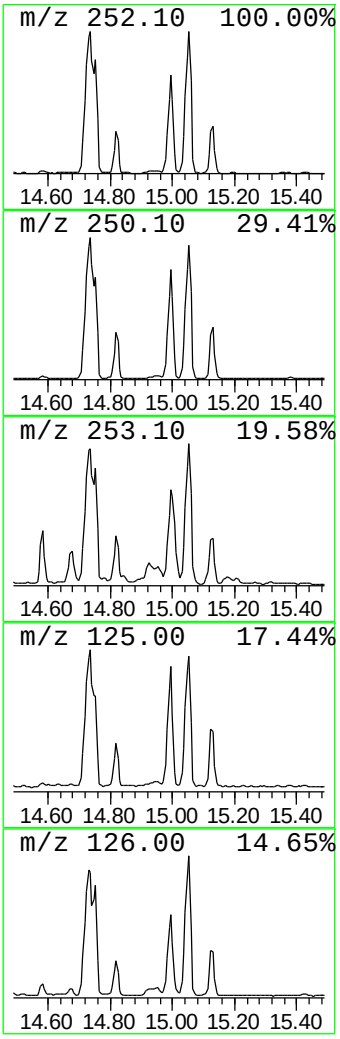
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	58.96 ng	3222170	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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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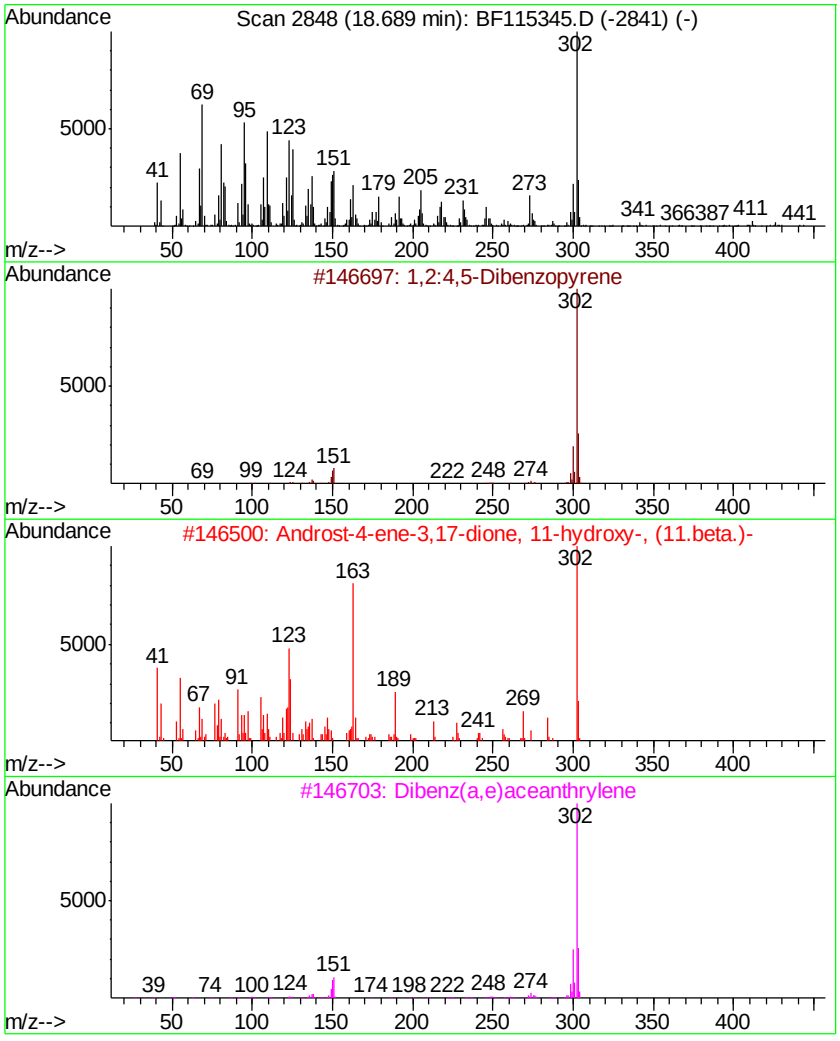
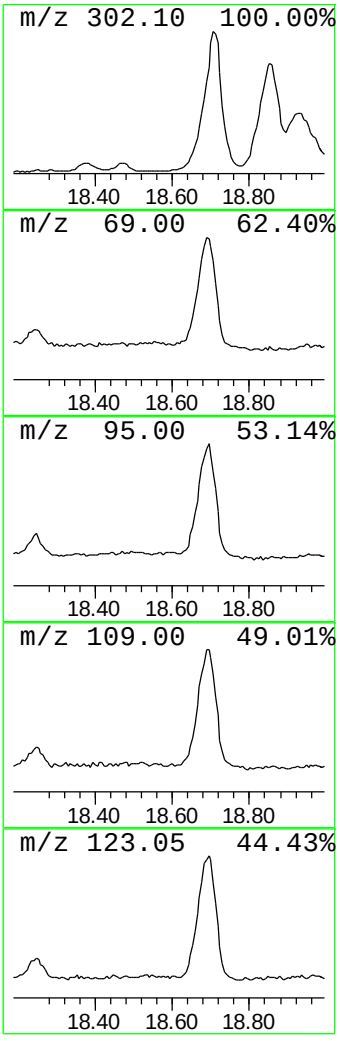
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	72.37 ng	3954710	Perylene-d12	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
2	Androst-4-ene-3,17-dione, 11-hyd...	302	C19H26O3	000382-44-5	46
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	46
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	42
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070119\
Data File : BF115345.D
Acq On : 1 Jul 2019 18:21
Operator : HP/JU
Sample : K3606-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	55.3	ng	3367130	1	6.60	1218140	20.0
9H-Fluorene, 2-me...	10.72	5.4	ng	467722	4	11.11	1726780	20.0
Anthracene, 1,2,3...	10.97	6.6	ng	571191	4	11.11	1726780	20.0
Anthracene, 2-met...	11.61	15.4	ng	1325610	4	11.11	1726780	20.0
Phenanthrene, 2-m...	11.64	21.8	ng	1882210	4	11.11	1726780	20.0
Anthracene, 1-met...	11.68	11.0	ng	948686	4	11.11	1726780	20.0
4H-Cyclopenta[def...	11.71	33.3	ng	2871250	4	11.11	1726780	20.0
1H-Cyclopropa[l]p...	11.74	8.7	ng	749616	4	11.11	1726780	20.0
Naphthalene, 2-ph...	11.90	13.8	ng	1195180	4	11.11	1726780	20.0
Phenanthrene, 4,5...	12.05	6.3	ng	545098	4	11.11	1726780	20.0
Phenanthrene, 2,5...	12.15	10.8	ng	927724	4	11.11	1726780	20.0
unknown12.19	12.19	5.7	ng	492786	4	11.11	1726780	20.0
Cyclopenta(def)ph...	12.24	12.7	ng	1096780	4	11.11	1726780	20.0
4,5,11,12-Tetrahy...	14.52	6.1	ng	331432	6	15.10	1092910	20.0
unknown14.58	14.58	10.5	ng	573137	6	15.10	1092910	20.0
Benzo[e]pyrene	14.82	20.9	ng	1140480	6	15.10	1092910	20.0
Benzo[j]fluoranthene	14.99	59.0	ng	3222170	6	15.10	1092910	20.0
1,2:4,5-Dibenzopy...	18.69	72.4	ng	3954710	6	15.10	1092910	20.0