LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

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-BF022719.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	5.345	549	554	574	rBV	3004968	2945473	64.57%	3.490%
2	6.375	724	729	732	rBV	3187179	3181280	69.74%	3.769%
3	6.504	747	751	755	rBV	3296331	3225372	70.71%	3.821%
4	6.739	787	791	794	rBV	2249200	1894671	41.54%	2.245%
5	6.892	813	817	821	rBV	2683485	2464584	54.03%	2.920%
6	7.298	881	886	894	rBV	2110423	2042861	44.78%	2.420%
7	8.022	1004	1009	1036	rBV	2589739	2719337	59.61%	3.222%
8	8.733	1126	1130	1137	rBV	182047	238666	5.23%	0.283%
9	8.828	1143	1146	1152	rVB	175774	155773	3.41%	0.185%
10	9.092	1187	1191	1202	rBV	3672286	3472891	76.13%	4.115%
11	9.357	1231	1236	1244	rBV	124483	184151	4.04%	0.218%
12	9.428	1244	1248	1251	rBV	226965	243900	5.35%	0.289%
13	9.457	1251	1253	1255	rVV	162028	131734	2.89%	0.156%
14	9.486	1255	1258	1263	rVV	285681	233278	5.11%	0.276%
15	9.545	1263	1268	1273	rVB2	122991	152147	3.34%	0.180%
16	9.769	1301	1306	1309	rBV2	3142112	2960592	64.90%	3.508%
17	9.798	1309	1311	1315	rVV	675497	594651	13.04%	0.705%
18	9.975	1337	1341	1345	rBV	478713	460988	10.11%	0.546%
19	10.086	1355	1360	1363	rBV2	130114	139216	3.05%	0.165%
20	10.180	1371	1376	1377	rBV	106963	130546	2.86%	0.155%
21	10.316	1395	1399	1404	rVB	572424	579253	12.70%	0.686%
22	10.398	1411	1413	1416	rVV2	152305	147564	3.23%	0.175%
23	10.469	1423	1425	1431	rVB	327641	317929	6.97%	0.377%
24	10.557	1435	1440	1444	rVV	2773345	2989958	65.55%	3.542%
25	10.598	1444	1447	1451	rVB3	111841	134942	2.96%	0.160%
26	10.680	1456	1461	1466	rVB4	115563	142082	3.11%	0.168%
27	10.845	1485	1489	1490	rBV2	110981	132240	2.90%	0.157%
28	10.863	1490	1492	1494	rVV2	193841	185051	4.06%	0.219%
29	10.986	1508	1513	1515	rBV3	211669	282735	6.20%	0.335%
30	11.010	1515	1517	1519	rVV	203484	188211	4.13%	0.223%
31	11.051	1521	1524	1529	rVB	459362	442995	9.71%	0.525%
32	11.098	1529	1532	1536	rBV2	256518	346311	7.59%	0.410%
33	11.145	1536	1540	1543	rVV	259426	293330	6.43%	0.348%
34	11.251	1553	1558	1560	rVV	3093514	3196756	70.08%	3.788%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.274	1560	1562	1565	rVV	4115128	3492573	76.56%	4.138%
36	11.322	1567	1570	1573	rVV	1331083	1073425	23.53%	1.272%
37	11.357	1573	1576	1580	rVB2	152749	141506	3.10%	0.168%
38	11.474	1590	1596	1599	rBV2	390987	454777	9.97%	0.539%
39	11.580	1611	1614	1619	rVB5	153063	161577	3.54%	0.191%
40	11.751	1637	1643	1645	rBV	703176	726405	15.92%	0.861%
41	11.774	1645	1647	1652	rVV2	1139249	1580119	34.64%	1.872%
42	11.821	1652	1655	1658	rVB	501210	448586	9.83%	0.531%
43	11.857	1658	1661	1664	rBV	897143	1074988	23.57%	1.274%
44	11.880	1664	1665	1669	rVB	580056	341387	7.48%	0.404%
45	12.045	1690	1693	1694	rBV	439625	418701	9.18%	0.496%
46	12.063	1694	1696	1699	rVB	425337	348715	7.64%	0.413%
47	12.192	1715	1718	1721	rBV2	197020	160607	3.52%	0.190%
48	12.245	1725	1727	1730	rVB	180988	142004	3.11%	0.168%
49	12.298	1730	1736	1739	rBV	402211	511443	11.21%	0.606%
50	12.333	1739	1742	1744	rBV	197703	212985	4.67%	0.252%
51	12.380	1747	1750	1755	rVB2	353586	449718	9.86%	0.533%
52	12.457	1759	1763	1767	rBV	3440306	3383721	74.18%	4.009%
53	12.504	1767	1771	1772	rBV2	94450	129780	2.85%	0.154%
54	12.568	1780	1782	1784	rBV2	254357	275084	6.03%	0.326%
55	12.686	1796	1802	1805	rBV2	2739807	3502833	76.79%	4.150%
56	12.727	1807	1809	1816	rVB2	273878	368935	8.09%	0.437%
57	12.798	1818	1821	1823	rBV	331707	326403	7.16%	0.387%
58	12.827	1823	1826	1833	rVB	3286395	3295540	72.24%	3.905%
59	12.904	1833	1839	1842	rBV2	370153	641968	14.07%	0.761%
60	12.986	1850	1853	1855	rBV2	220721	244877	5.37%	0.290%
61	13.010	1855	1857	1860	rVB	517457	431740	9.46%	0.512%
62	13.074	1865	1868	1871	rBV2	261142	215734	4.73%	0.256%
63	13.110	1871	1874	1877	rBV	573241	571039	12.52%	0.677%
64	13.139	1877	1879	1882	rVB2	121596	123943	2.72%	0.147%
65	13.168	1882	1884	1887	rBV	137025	134625	2.95%	0.160%
66	13.204	1887	1890	1893	rVB	235130	187666	4.11%	0.222%
67	13.233	1893	1895	1899	rBV2	252568	249354	5.47%	0.295%
68	13.310	1905	1908	1917	rVB6	151281	266774	5.85%	0.316%
69	13.386	1918	1921	1923	rBV2	119971	148226	3.25%	0.176%
70	13.415	1923	1926	1928	rVV3	151288	213256	4.68%	0.253%
71	13.510	1939	1942	1947	rVV	475286	525863	11.53%	0.623%

LSC Area Percent Report

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Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.615	1956	1960	1964	rVV2	319874	489635	10.73%	0.580%
73	13.651	1964	1966	1968	rVV	380459	339341	7.44%	0.402%
74	13.674	1968	1970	1971	rVV	218253	188683	4.14%	0.224%
75	13.721	1975	1978	1985	rVB3	484677	829088	18.18%	0.982%
76	13.874	1996	2004	2007	rBV3	3081872	4561617	100.00%	5.405%
77	13.904	2007	2009	2014	rVB	1531662	1317857	28.89%	1.561%
78	14.057	2032	2035	2038	rVB3	344871	333997	7.32%	0.396%
79	14.092	2038	2041	2045	rBV3	195911	245923	5.39%	0.291%
80	14.257	2065	2069	2072	rVV	453785	487645	10.69%	0.578%
81	14.292	2072	2075	2078	rVB	258616	240823	5.28%	0.285%
82	14.362	2083	2087	2089	rVV3	387009	527924	11.57%	0.625%
83	14.404	2092	2094	2098	rVB3	115872	122817	2.69%	0.146%
84	14.451	2098	2102	2108	rVB4	116696	220005	4.82%	0.261%
85	14.557	2117	2120	2123	rBV2	161599	180289	3.95%	0.214%
86	14.657	2135	2137	2144	rVB2	318264	348885	7.65%	0.413%
87	14.721	2144	2148	2157	rBV4	156316	334185	7.33%	0.396%
88	14.792	2157	2160	2163	rBV4	122142	140341	3.08%	0.166%
89	14.886	2171	2176	2183	rBV	1101024	2211008	48.47%	2.620%
90	14.980	2186	2192	2204	rVB4	486760	990725	21.72%	1.174%
91	15.086	2204	2210	2214	rBV2	125207	262252	5.75%	0.311%
92	15.168	2220	2224	2230	rVB	588941	743705	16.30%	0.881%
93	15.227	2230	2234	2239	rVB	922036	1090062	23.90%	1.292%
94	15.292	2239	2245	2248	rBV	1816936	2444442	53.59%	2.896%
95	15.739	2316	2321	2325	rBV2	279876	404457	8.87%	0.479%
96	16.209	2397	2401	2404	rBV	87088	151176	3.31%	0.179%
97	16.468	2443	2445	2455	rVB4	84720	192844	4.23%	0.228%
98	16.645	2469	2475	2484	rVB2	310239	588093	12.89%	0.697%
99	16.809	2499	2503	2507	rBV2	73397	125096	2.74%	0.148%
100	17.051	2539	2544	2553	rVB	180167	361312	7.92%	0.428%

Sum of corrected areas: 84402572

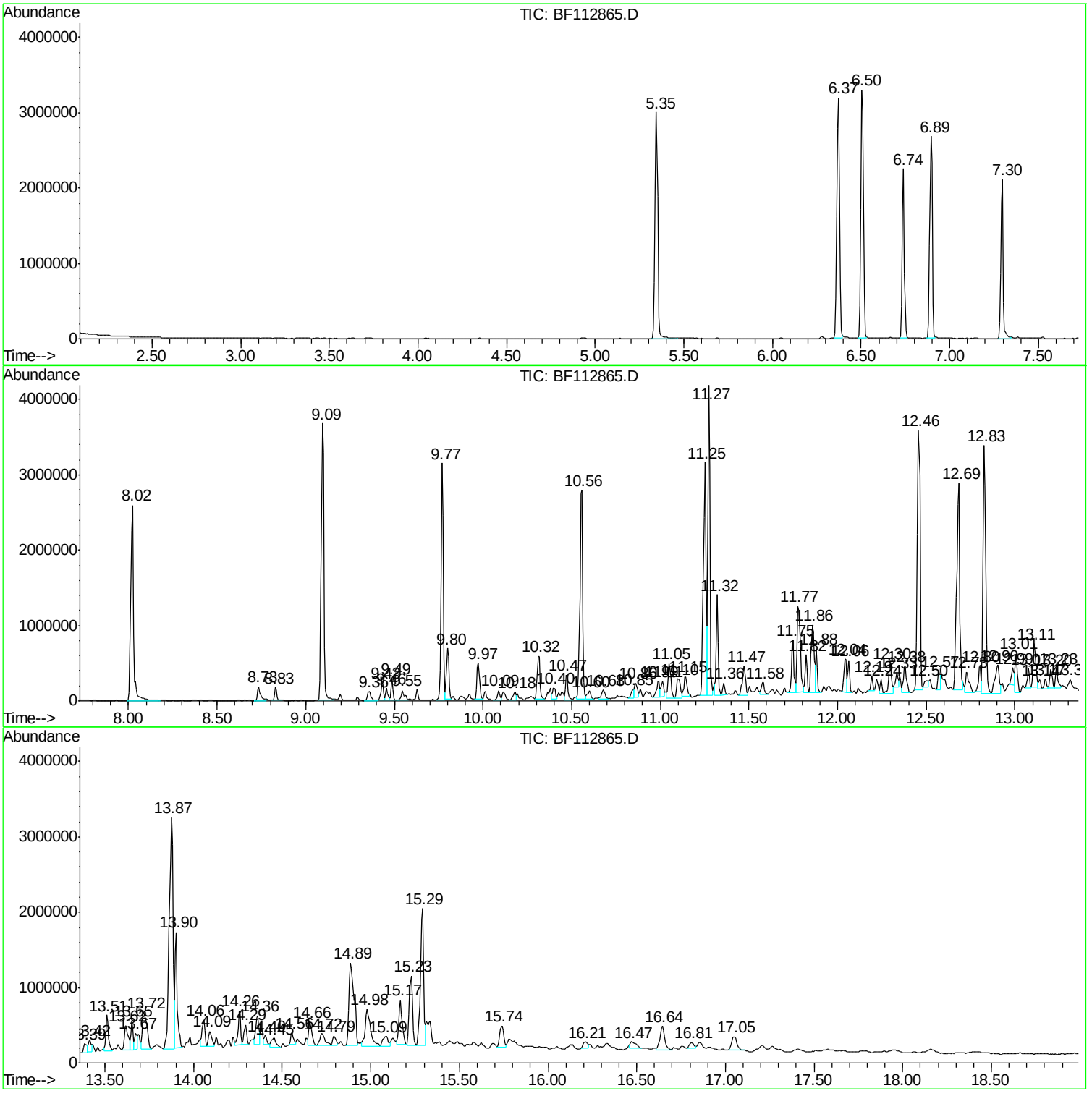
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
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Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

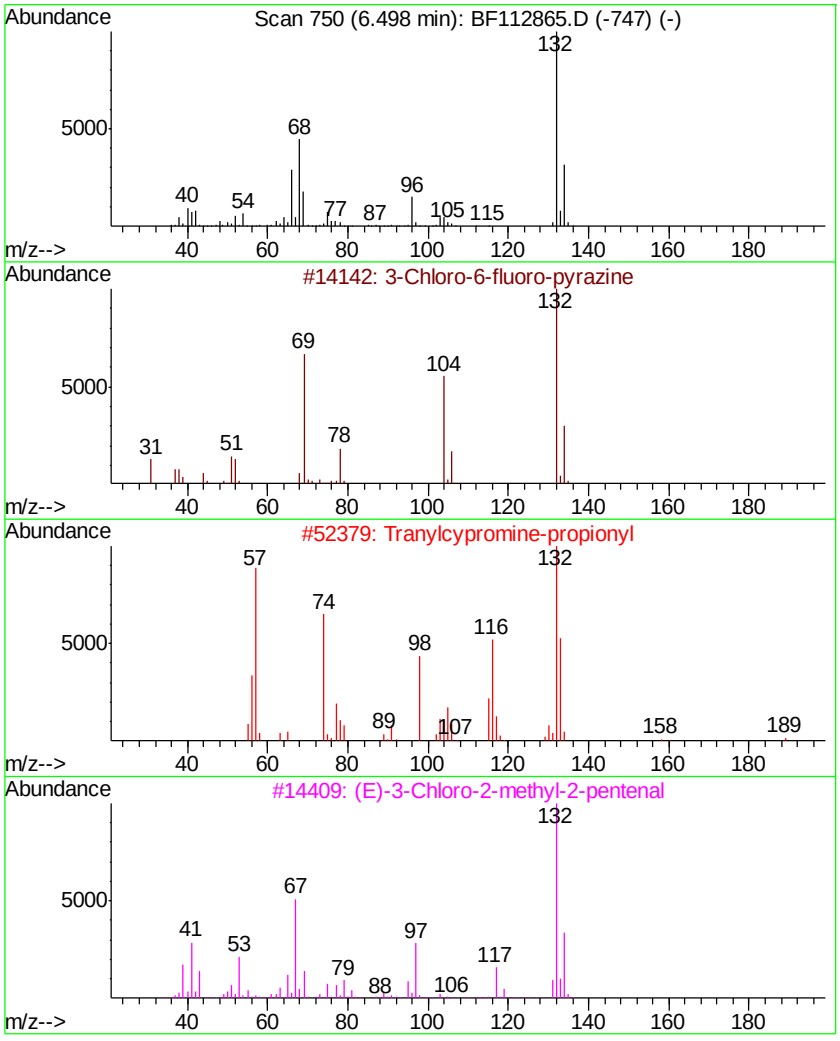
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

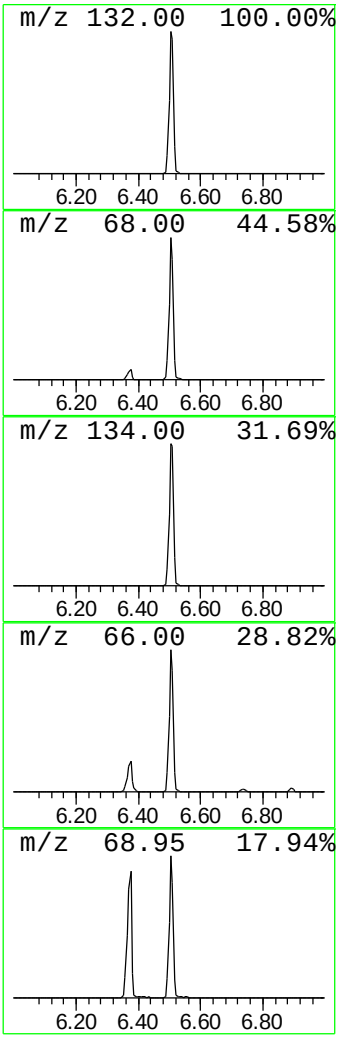
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	34.05 ng	3225370	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

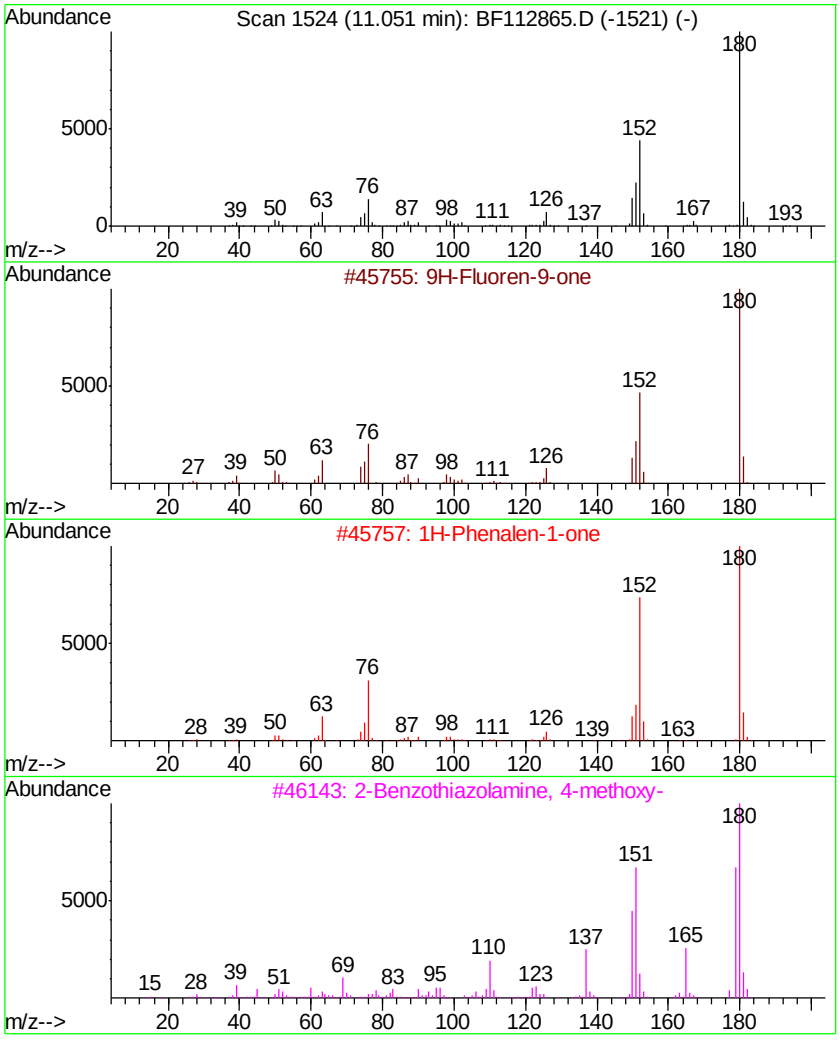
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

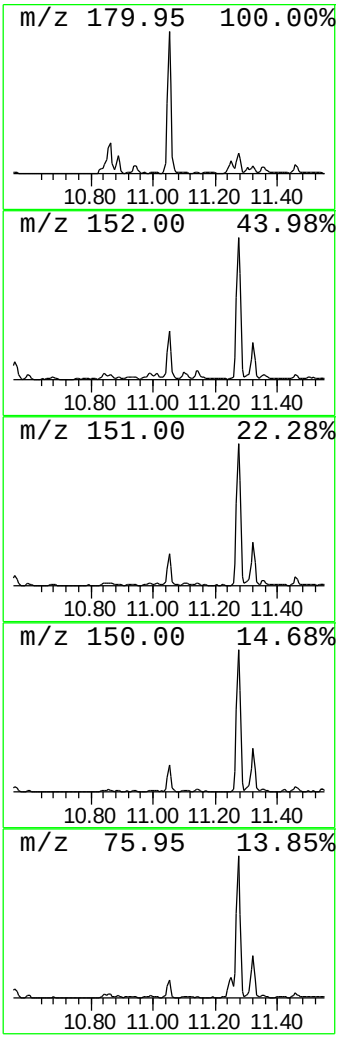
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.77 ng	442995	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
3	2-Benzothiazolamine, 4-methoxy-	180	C8H8N2OS	005464-79-9	53
4	Thieno[2,3-c]pyridine, 3-nitro-	180	C7H4N2O2S	028783-28-0	43
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
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Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

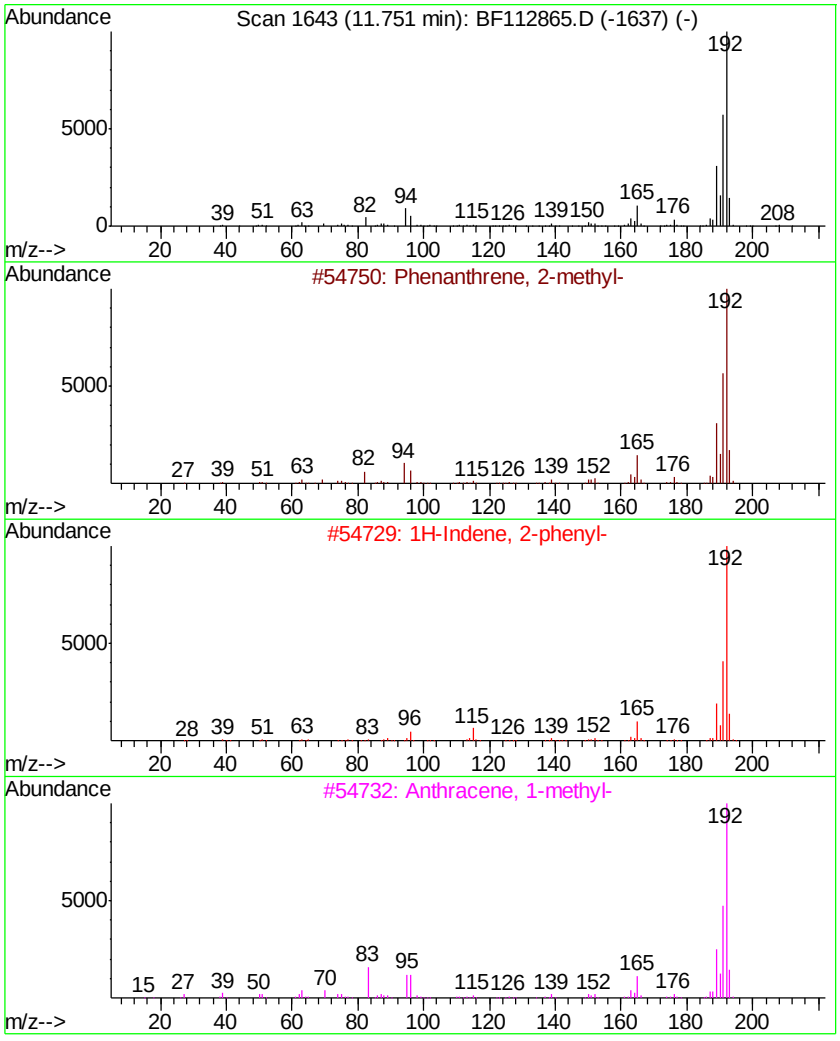
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

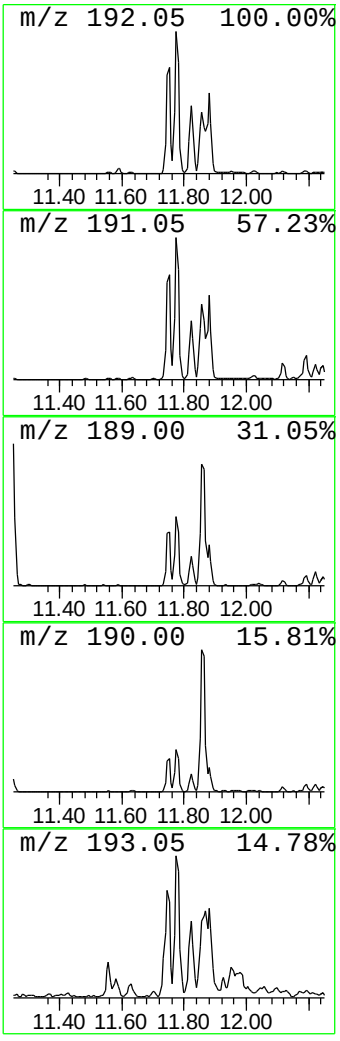
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.54 ng	726405	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

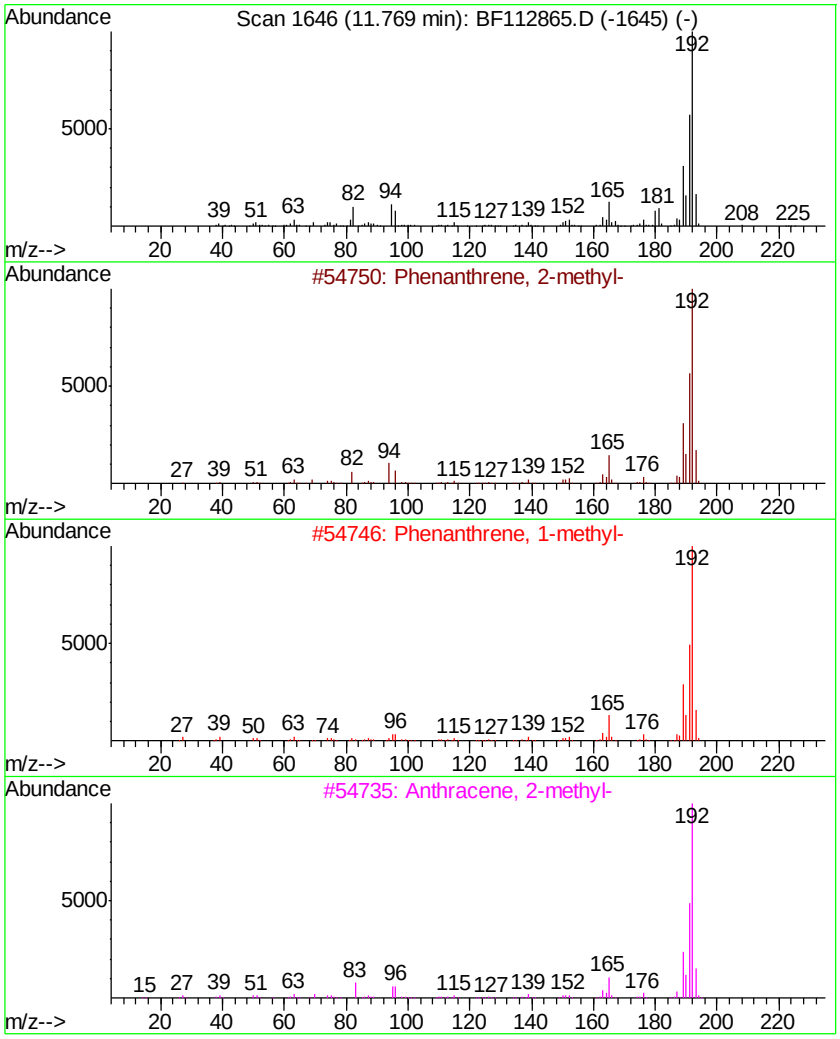
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

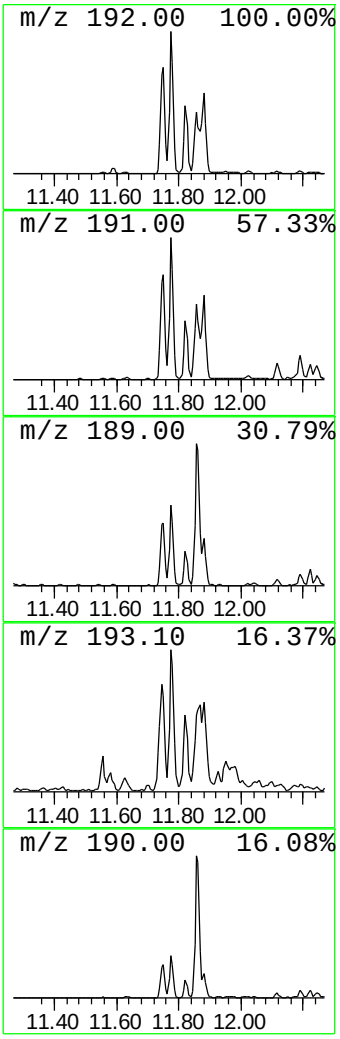
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.89 ng	1580120	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112865.D
Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

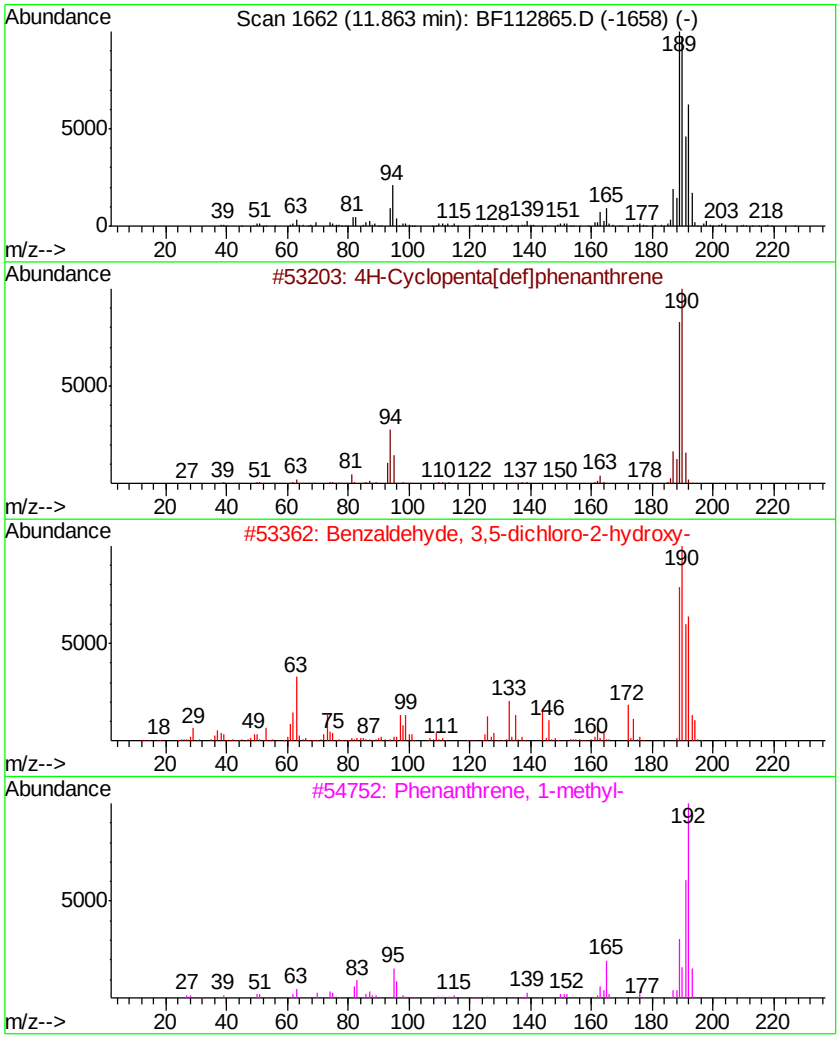
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

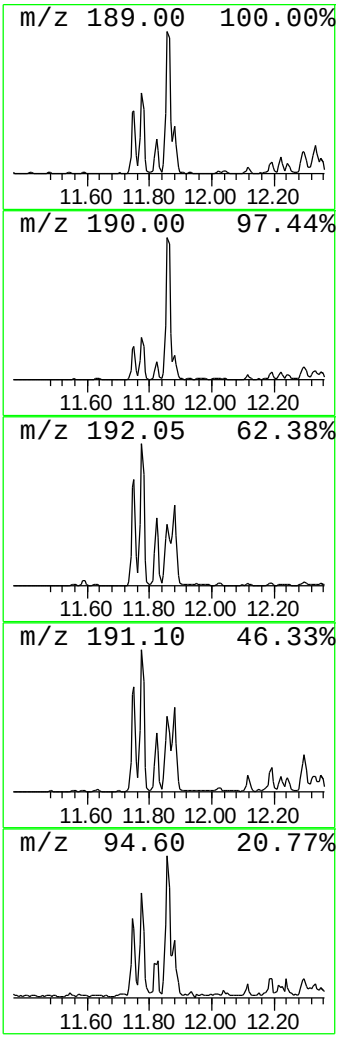
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.73 ng	1074990	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38





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Sample : K1705-10
Misc :
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ClientSampleId : EXT-027-SW012-022719

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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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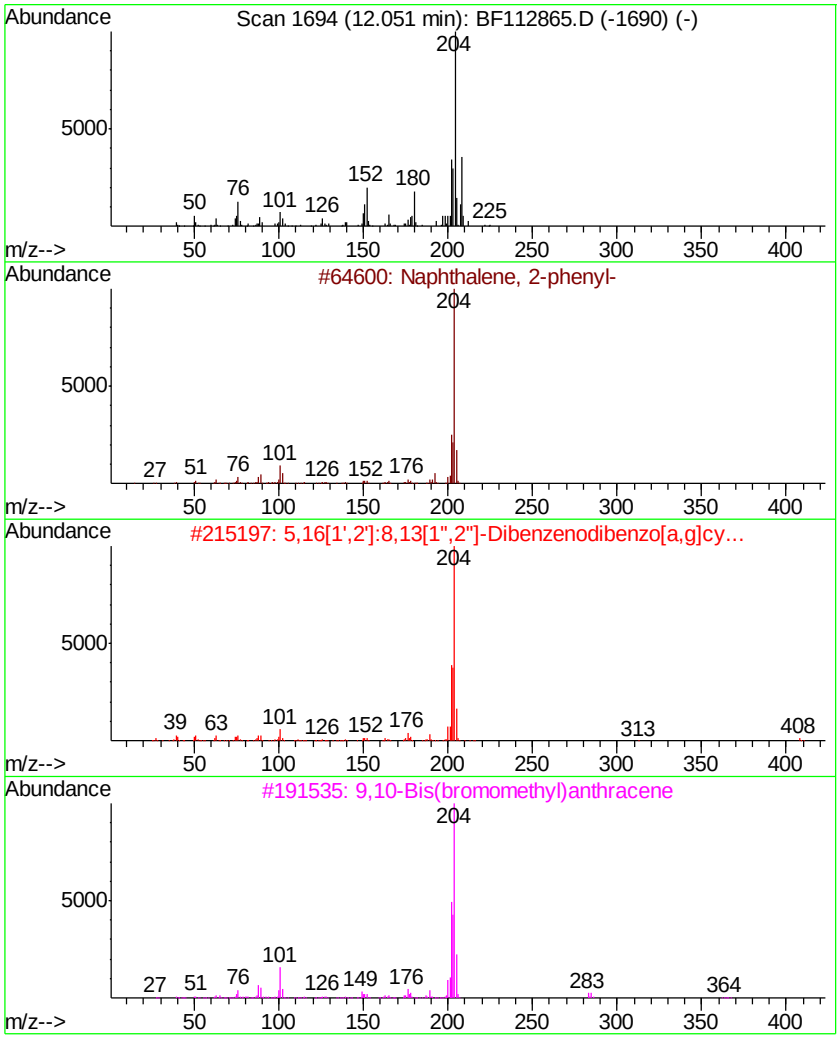
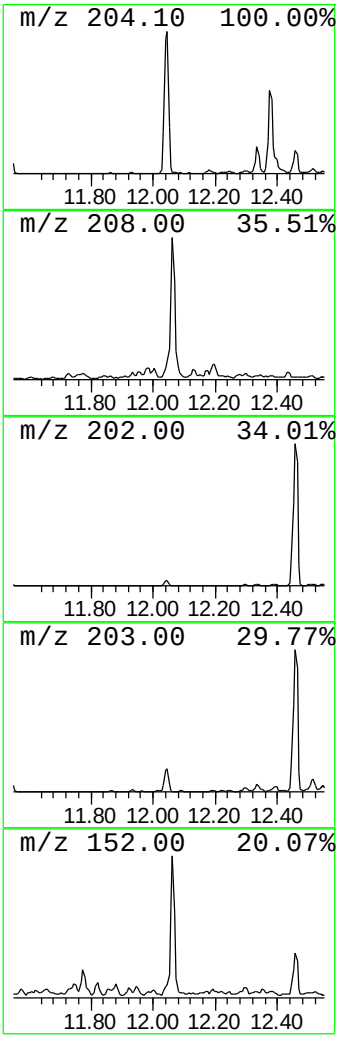
Peak Number 8 unknown12.05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.62 ng	418701	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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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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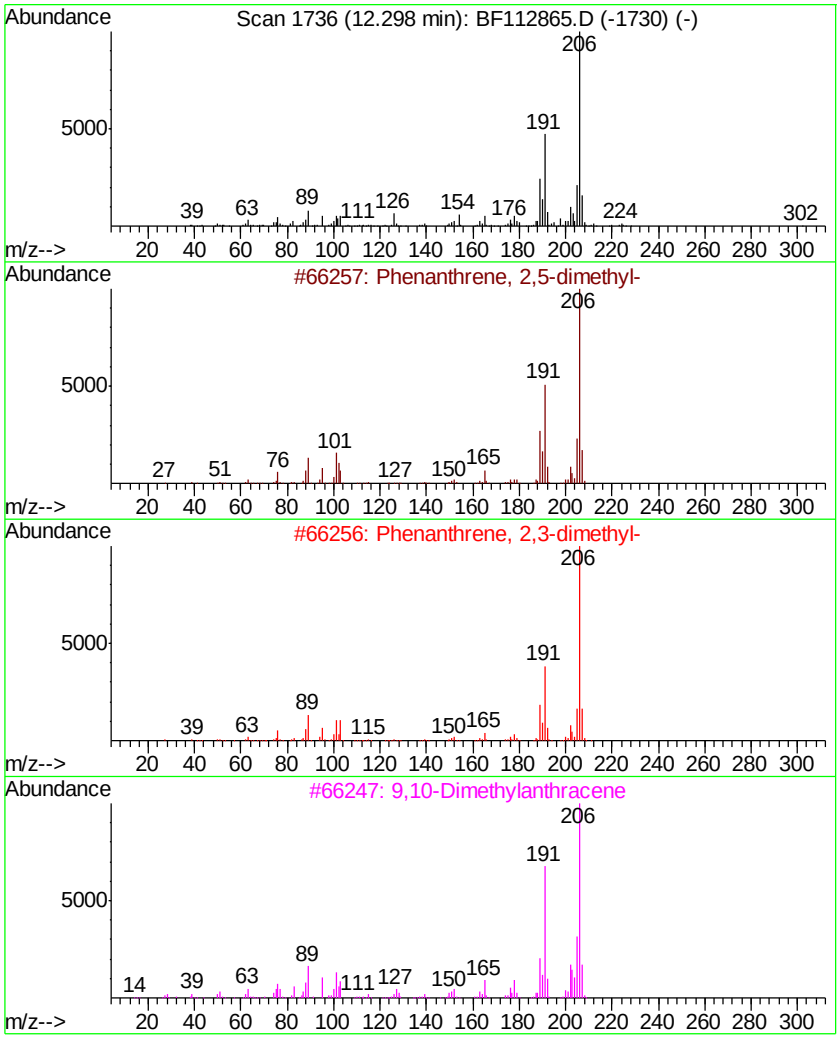
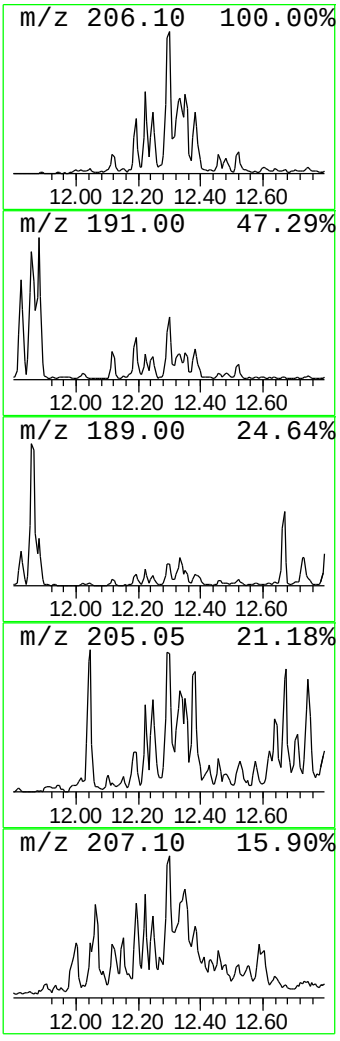
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.20 ng	511443	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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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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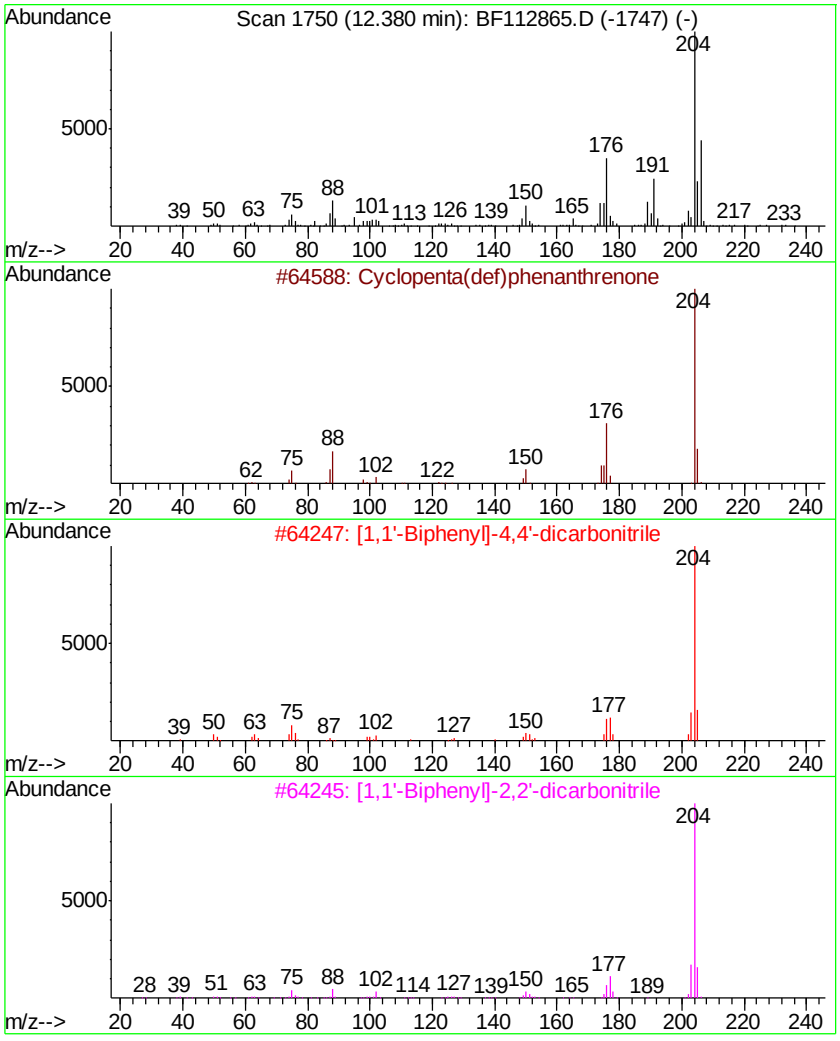
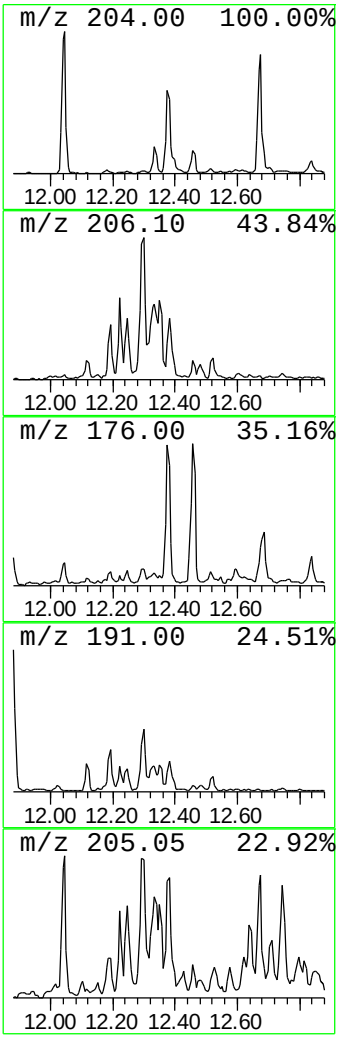
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.81 ng	449718	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	l-Mannopyranose, 6-deoxy-1,2,3,4...	452	C18H44O5Si4	108392-01-4	38





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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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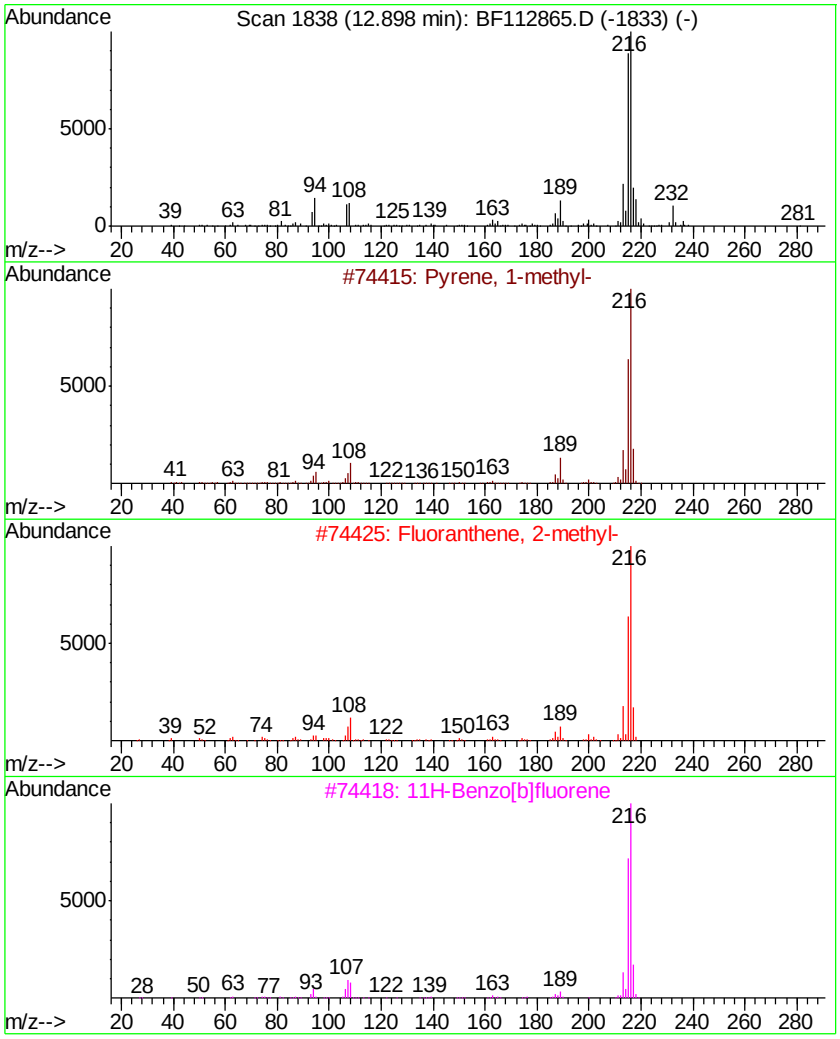
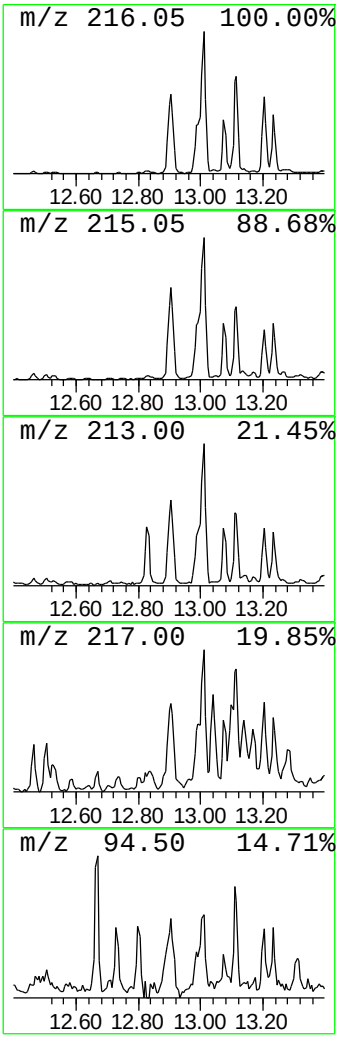
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.81 ng	641968	Chrysene-d12	13.88

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	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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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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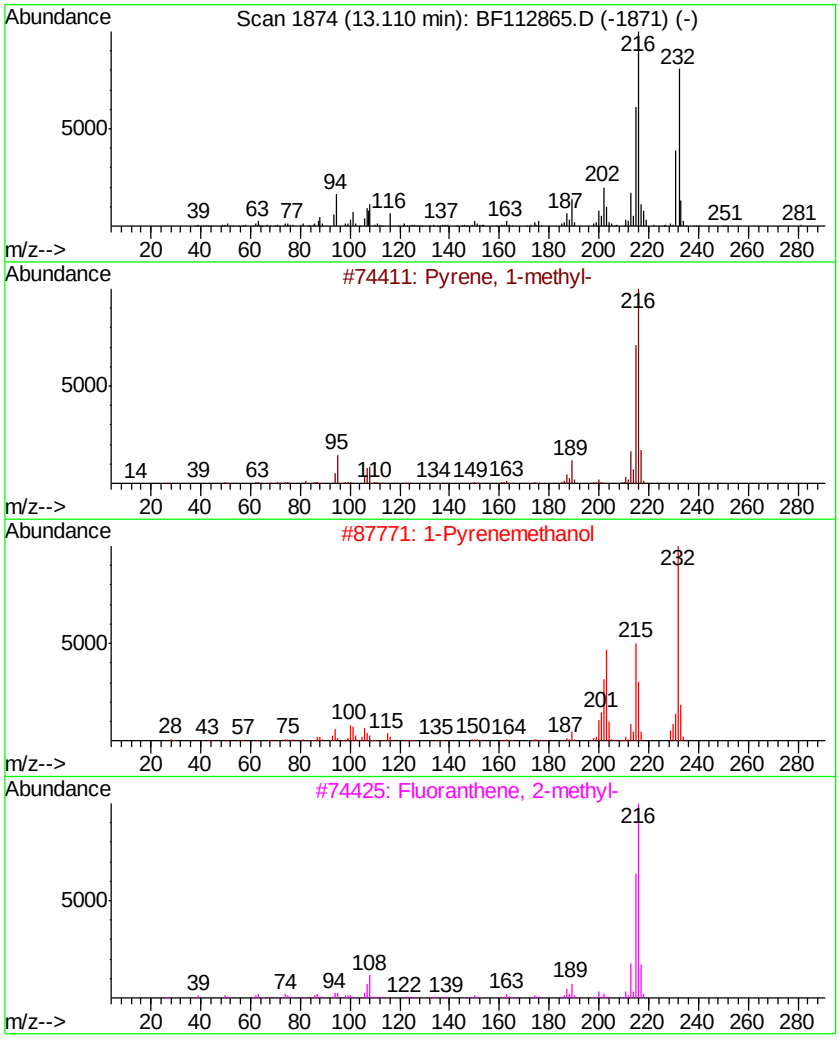
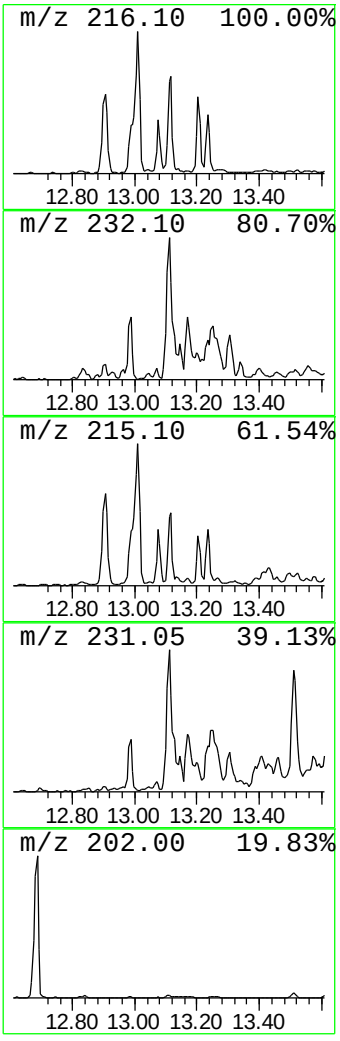
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.50 ng	571039	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	1-Pyrenemethanol	232	C17H12O	024463-15-8	43
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	41
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	41





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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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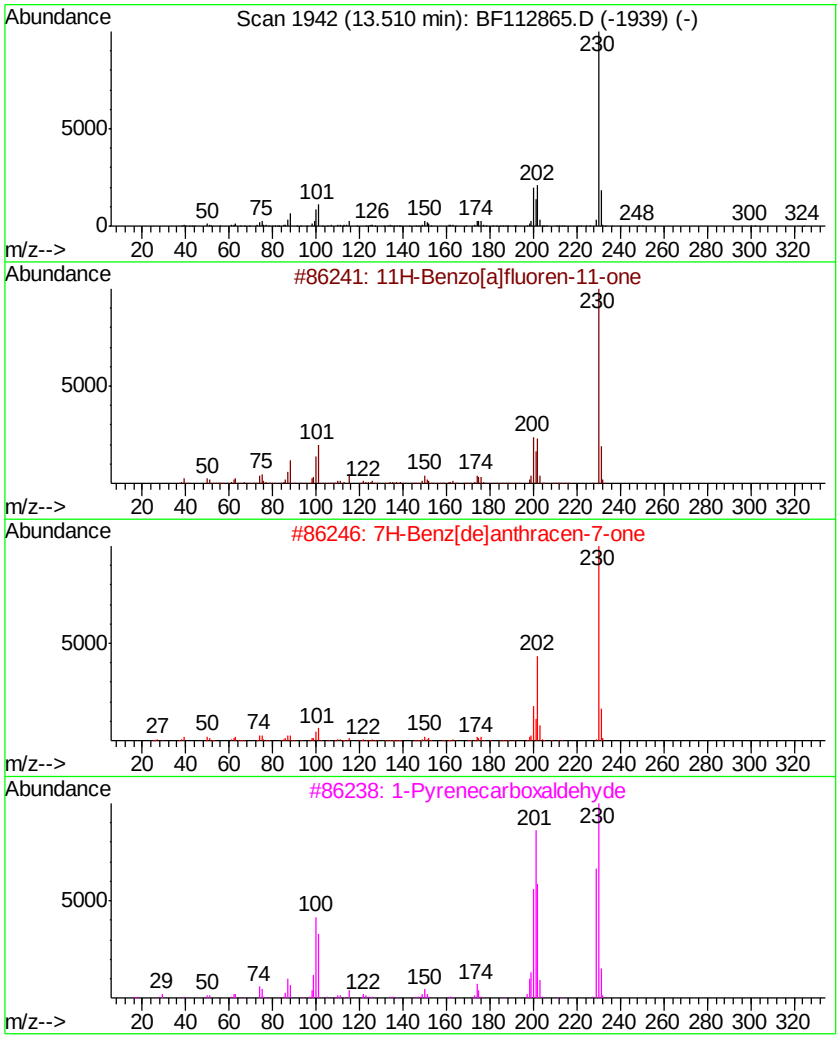
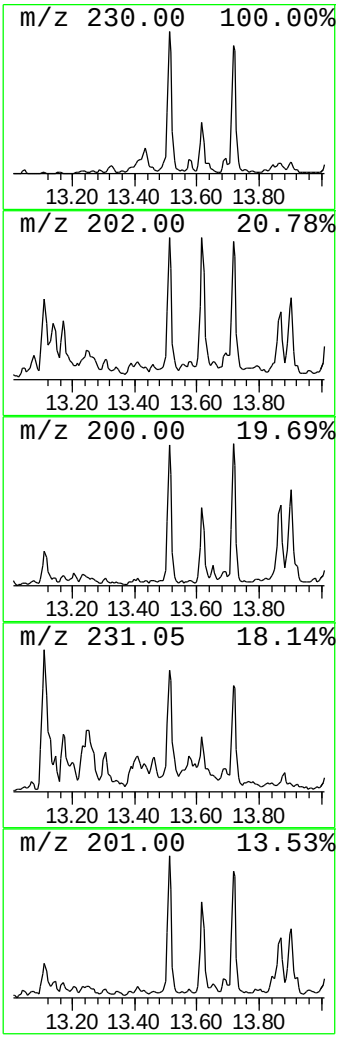
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.31 ng	525863	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





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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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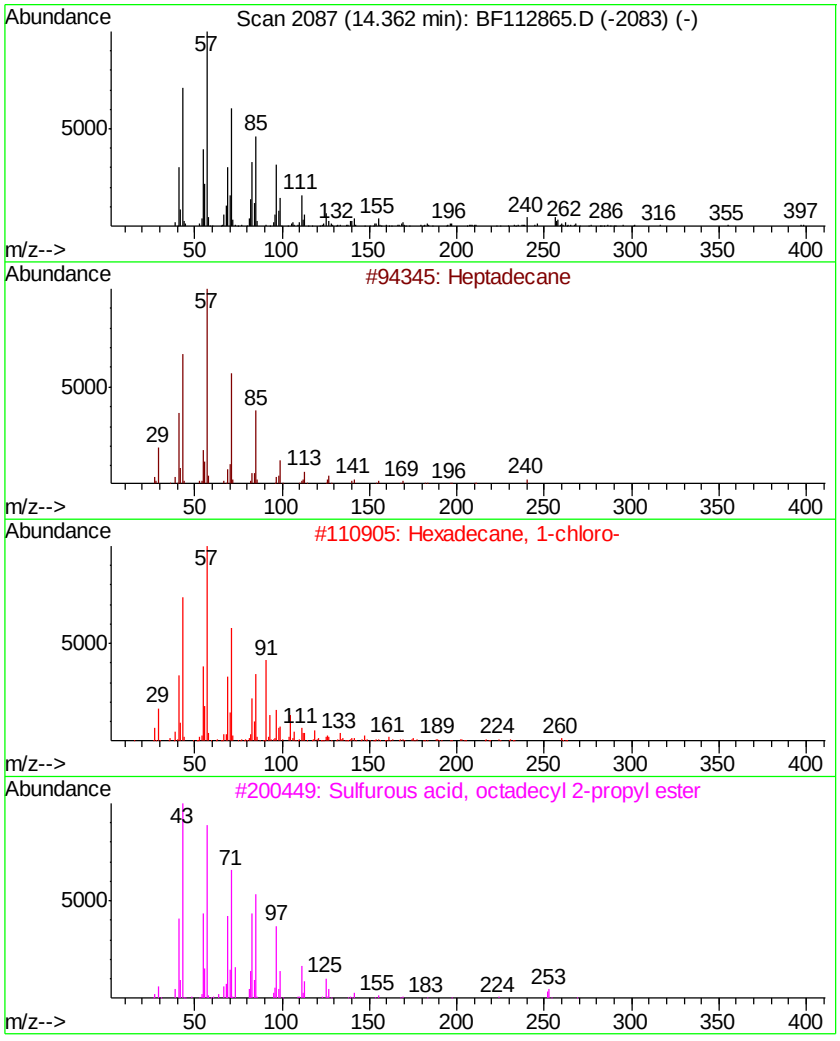
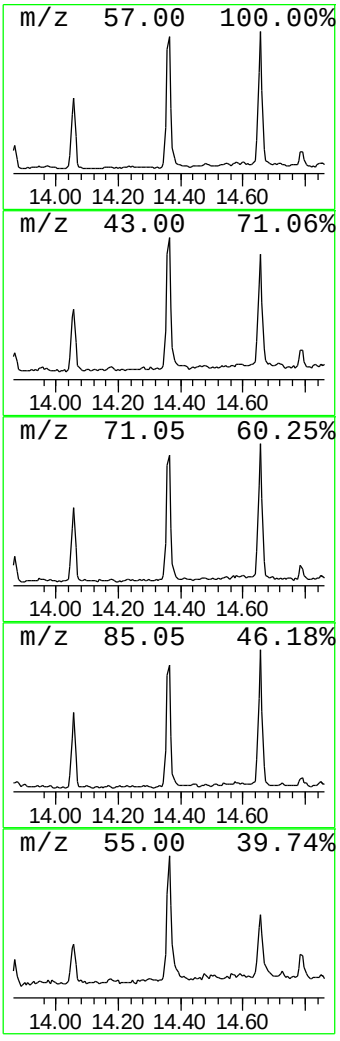
Peak Number 15 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.31 ng	527924	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	64





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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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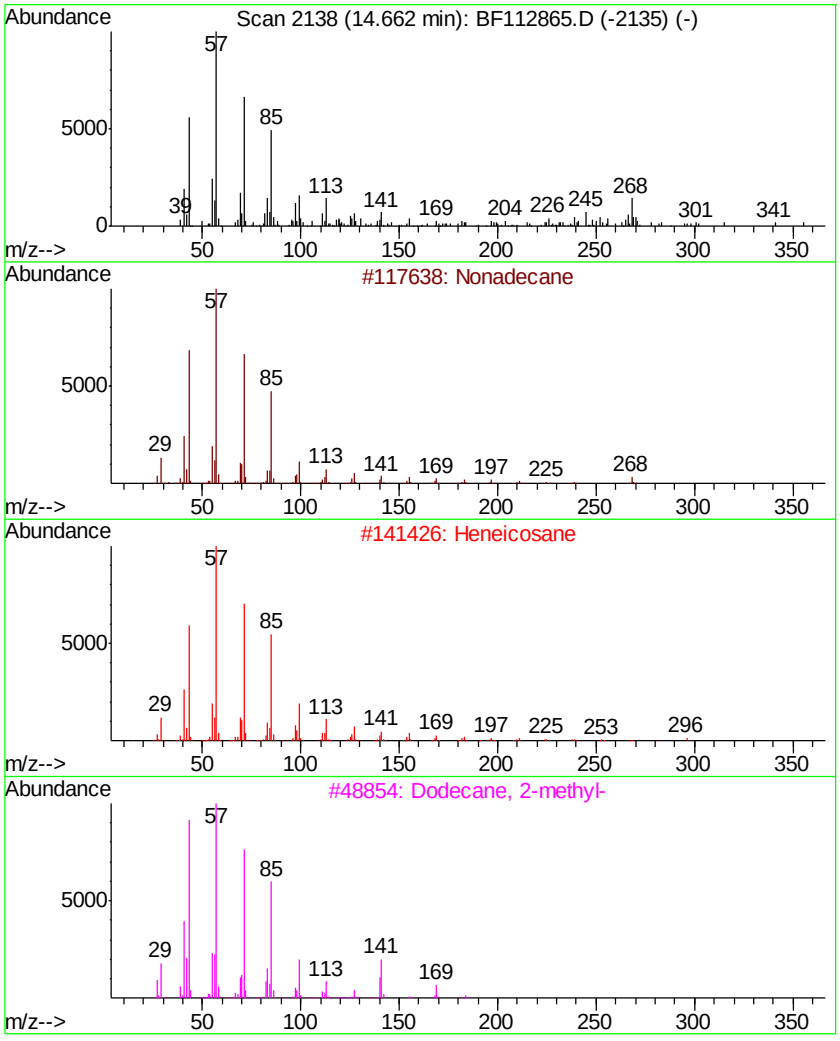
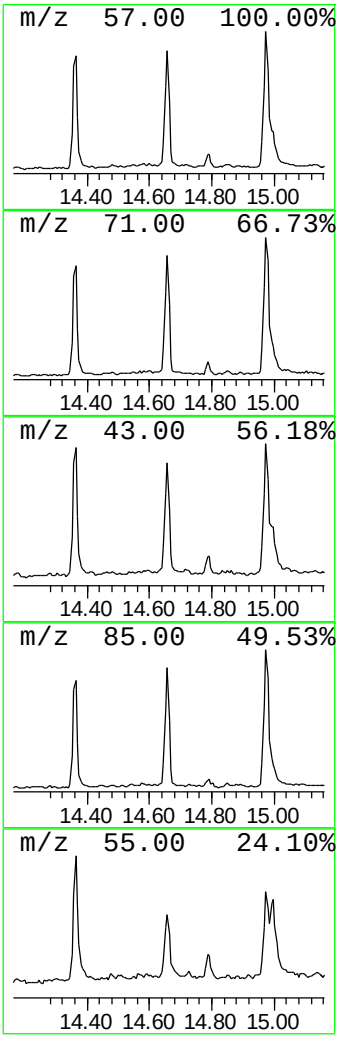
Peak Number 16 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.85 ng	348885	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hentriacontane	437	C31H64	000630-04-6	76





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TIC Integration Parameters: LSCINT.P

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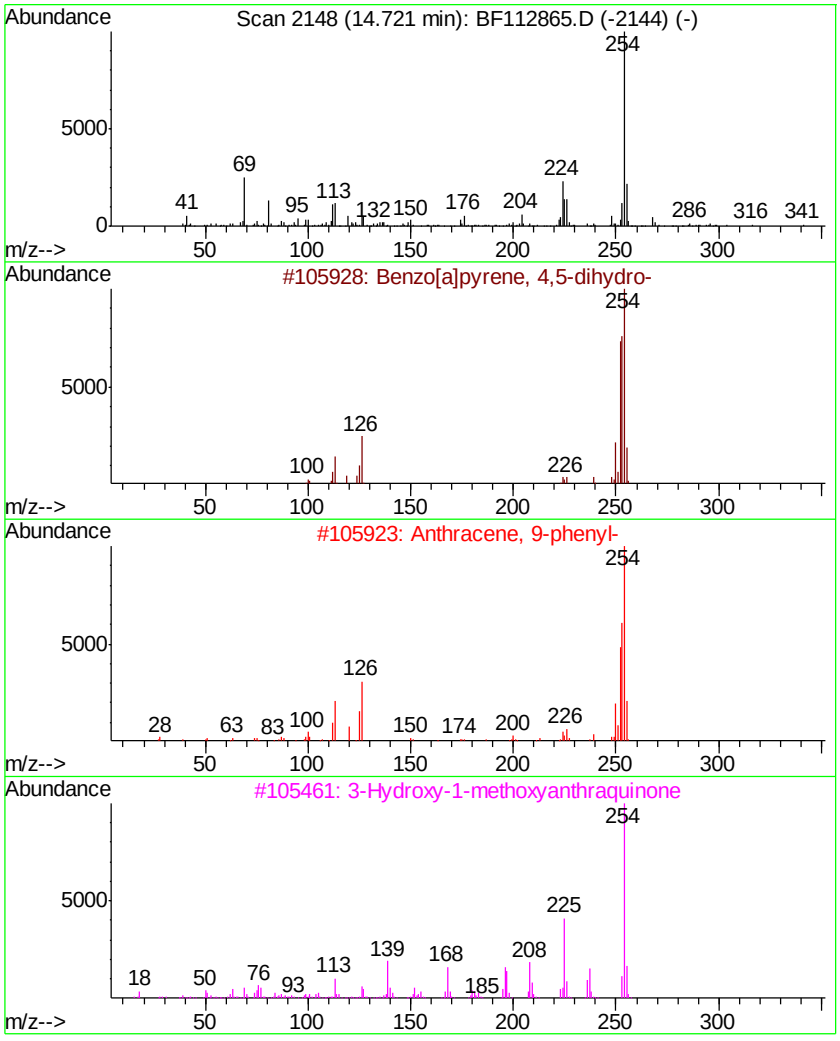
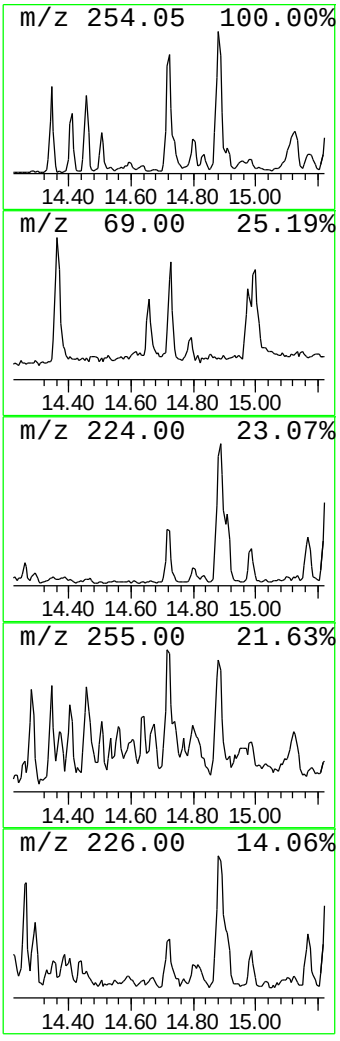
Peak Number 17 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.73 ng	334185	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	62
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
3	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	59
4	Chrysin	254	C15H10O4	000480-40-0	53
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	50





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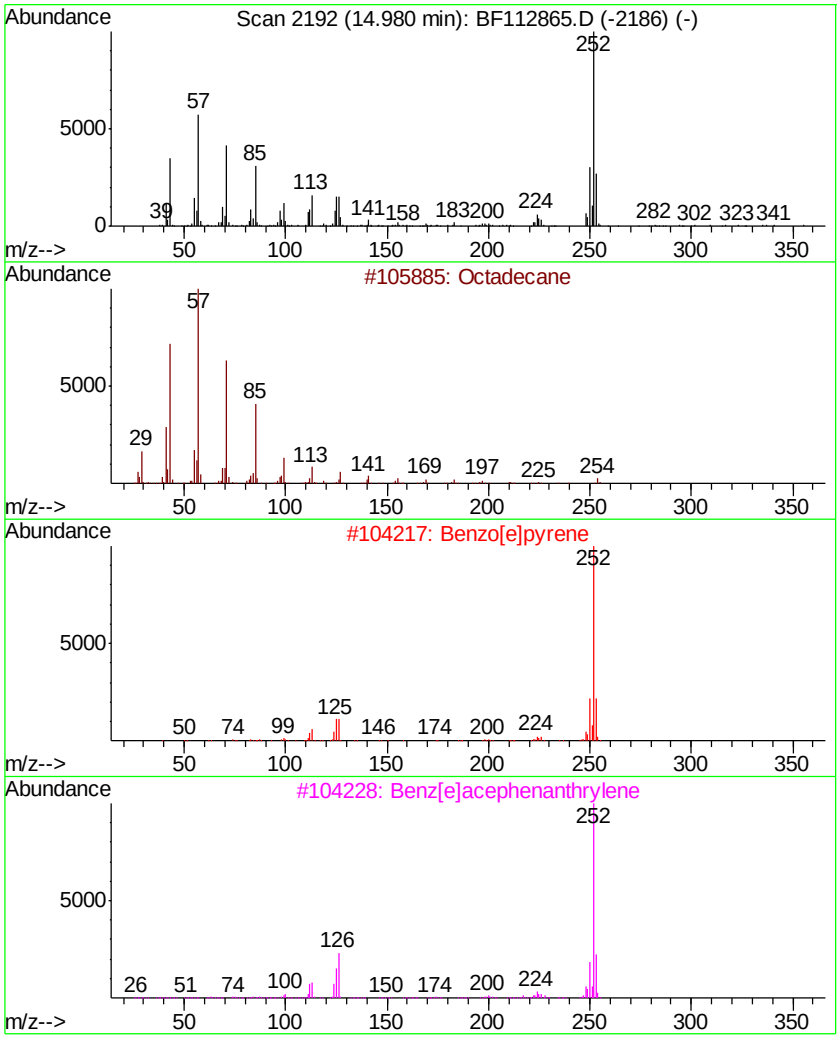
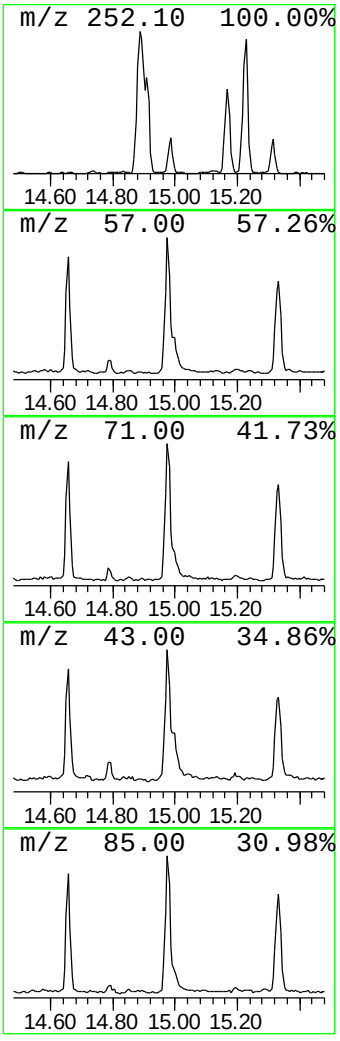
Peak Number 18 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	8.11 ng	990725	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	89
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
5	Benzo[a]pyrene	252	C20H12	000050-32-8	83





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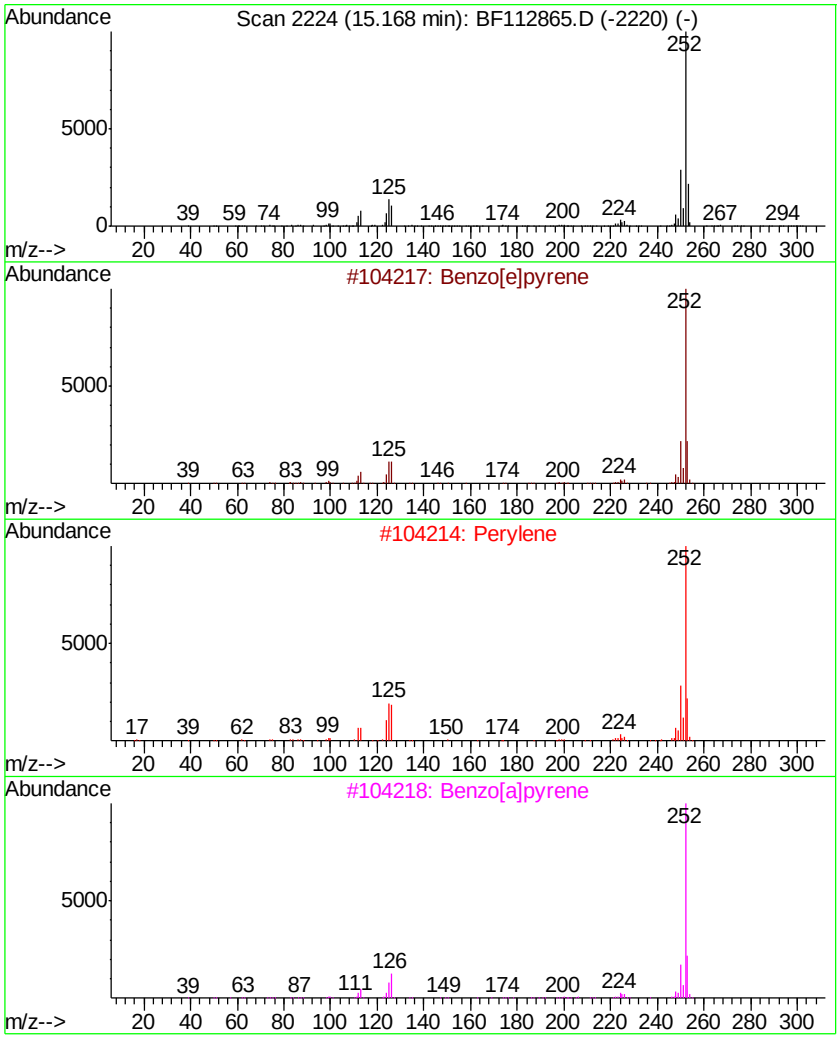
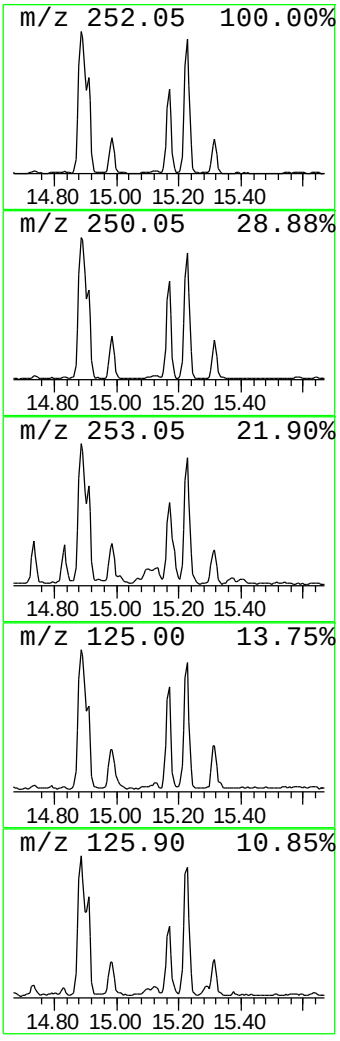
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.08 ng	743705	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Acq On : 5 Mar 2019 21:17
Operator : JU/SJ
Sample : K1705-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EXT-027-SW012-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	34.0	ng	3225370	1	6.74	1894670	20.0
9H-Fluoren-9-one	11.05	2.8	ng	442995	4	11.25	3196760	20.0
Phenanthrene, 2-m...	11.75	4.5	ng	726405	4	11.25	3196760	20.0
Phenanthrene, 1-m...	11.77	9.9	ng	1580120	4	11.25	3196760	20.0
4H-Cyclopenta[def...	11.86	6.7	ng	1074990	4	11.25	3196760	20.0
unknown12.05	12.05	2.6	ng	418701	4	11.25	3196760	20.0
Phenanthrene, 2,5...	12.30	3.2	ng	511443	4	11.25	3196760	20.0
Cyclopenta(def)ph...	12.38	2.8	ng	449718	4	11.25	3196760	20.0
Pyrene, 1-methyl-	12.90	2.8	ng	641968	5	13.88	4561620	20.0
Pyrene, 2-methyl-	13.11	2.5	ng	571039	5	13.88	4561620	20.0
11H-Benzo[a]fluor...	13.51	2.3	ng	525863	5	13.88	4561620	20.0
Heptadecane	14.36	2.3	ng	527924	5	13.88	4561620	20.0
Nonadecane	14.66	2.9	ng	348885	6	15.29	2444440	20.0
Benzo[a]pyrene, 4...	14.72	2.7	ng	334185	6	15.29	2444440	20.0
Octadecane	14.98	8.1	ng	990725	6	15.29	2444440	20.0
Benzo[e]pyrene	15.17	6.1	ng	743705	6	15.29	2444440	20.0