LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-PP21A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	19	21	39	rVB2	88053	167306	3.46%	0.199%
2	5.045	498	503	508	rVB	108136	132238	2.73%	0.157%
3	5.440	565	570	573	rBV	3447113	3421239	70.74%	4.061%
4	6.439	735	740	743	rBV	3290542	3450952	71.36%	4.096%
5	6.798	798	801	805	rBV	1478415	1217047	25.17%	1.444%
6	7.363	889	897	900	rBV	2607341	2302777	47.61%	2.733%
7	8.081	1015	1019	1021	rBV	1856035	1593147	32.94%	1.891%
8	9.157	1197	1202	1205	rBV	4591165	4042249	83.58%	4.798%
9	9.692	1290	1293	1297	rVB	338074	274542	5.68%	0.326%
10	9.833	1311	1317	1321	rBV	2023161	1718118	35.53%	2.039%
11	10.033	1347	1351	1355	rBV	98958	113002	2.34%	0.134%
12	10.239	1382	1386	1389	rBV4	86755	116469	2.41%	0.138%
13	10.539	1433	1437	1442	rVV4	79148	166338	3.44%	0.197%
14	10.627	1446	1452	1455	rVV	2490377	2363204	48.86%	2.805%
15	10.745	1468	1472	1476	rBV4	174151	210838	4.36%	0.250%
16	11.057	1521	1525	1527	rBV2	75394	116707	2.41%	0.139%
17	11.080	1527	1529	1532	rVV3	135944	123173	2.55%	0.146%
18	11.174	1541	1545	1547	rBV4	101390	145375	3.01%	0.173%
19	11.222	1551	1553	1558	rBV4	91242	125904	2.60%	0.149%
20	11.322	1567	1570	1572	rBV	1598367	1481241	30.63%	1.758%
21	11.345	1572	1574	1578	rVV	1225631	1048544	21.68%	1.245%
22	11.398	1580	1583	1586	rVB	377271	297587	6.15%	0.353%
23	11.433	1586	1589	1592	rBV2	174703	214875	4.44%	0.255%
24	11.621	1619	1621	1624	rVV	182195	156477	3.24%	0.186%
25	11.657	1624	1627	1630	rVV	262755	207311	4.29%	0.246%
26	11.786	1646	1649	1652	rBV2	105272	133780	2.77%	0.159%
27	11.827	1653	1656	1658	rVV	1145323	1003393	20.75%	1.191%
28	11.863	1658	1662	1666	rVV2	1671836	2206697	45.63%	2.619%
29	11.904	1666	1669	1671	rVV	356807	340768	7.05%	0.404%
30	11.939	1671	1675	1677	rVV	1371075	1381174	28.56%	1.639%
31	11.963	1677	1679	1684	rVB	893824	734686	15.19%	0.872%
32	12.016	1685	1688	1689	rBV2	140036	119569	2.47%	0.142%
33	12.039	1689	1692	1694	rVV2	107999	112051	2.32%	0.133%
34	12.063	1694	1696	1699	rVB	281863	214762	4.44%	0.255%
35	12.127	1704	1707	1709	rVV2	473110	479727	9.92%	0.569%
36	12.151	1709	1711	1717	rVB4	390748	401165	8.29%	0.476%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
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Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.198	1717	1719	1721	rBV	188547	161716	3.34%	0.192%
38	12.257	1726	1729	1730	rBV	240877	194420	4.02%	0.231%
39	12.274	1730	1732	1735	rVB	418285	308929	6.39%	0.367%
40	12.304	1735	1737	1739	rBV	370050	284607	5.88%	0.338%
41	12.327	1739	1741	1744	rVB	315157	279060	5.77%	0.331%
42	12.380	1747	1750	1753	rBV	1269912	1408363	29.12%	1.672%
43	12.416	1753	1756	1759	rVV2	589443	684373	14.15%	0.812%
44	12.439	1759	1760	1762	rVB	456910	217576	4.50%	0.258%
45	12.468	1762	1765	1769	rBV2	710944	899055	18.59%	1.067%
46	12.545	1774	1778	1781	rBV	3323727	2997367	61.98%	3.558%
47	12.592	1783	1786	1787	rBV	247965	236778	4.90%	0.281%
48	12.651	1792	1796	1798	rVV3	407402	497892	10.29%	0.591%
49	12.674	1798	1800	1803	rVV	268504	312890	6.47%	0.371%
50	12.704	1803	1805	1807	rVV2	163272	161602	3.34%	0.192%
51	12.727	1807	1809	1812	rVB	281788	207792	4.30%	0.247%
52	12.780	1812	1818	1823	rBV	3843126	4836261	100.00%	5.740%
53	12.833	1823	1827	1830	rVB2	513590	612809	12.67%	0.727%
54	12.886	1833	1836	1838	rBV2	219218	208204	4.31%	0.247%
55	12.921	1838	1842	1849	rVB	3750583	3821526	79.02%	4.536%
56	12.992	1849	1854	1861	rBV3	900222	1491372	30.84%	1.770%
57	13.051	1861	1864	1866	rBV2	235762	208438	4.31%	0.247%
58	13.080	1866	1869	1871	rBV2	646939	852412	17.63%	1.012%
59	13.104	1871	1873	1876	rVB	775146	642399	13.28%	0.762%
60	13.139	1876	1879	1880	rBV2	111431	129395	2.68%	0.154%
61	13.168	1881	1884	1887	rVB2	396298	341537	7.06%	0.405%
62	13.210	1887	1891	1893	rBV	1102593	1094887	22.64%	1.300%
63	13.239	1893	1896	1899	rVV4	185750	208848	4.32%	0.248%
64	13.298	1903	1906	1909	rBV	917507	848781	17.55%	1.007%
65	13.333	1909	1912	1915	rVB	934466	789500	16.32%	0.937%
66	13.363	1915	1917	1922	rVB4	156639	196595	4.07%	0.233%
67	13.415	1923	1926	1930	rVB4	214706	263693	5.45%	0.313%
68	13.480	1934	1937	1938	rBV2	144638	153959	3.18%	0.183%
69	13.551	1948	1949	1953	rVB3	163379	125294	2.59%	0.149%
70	13.610	1954	1959	1964	rBV	658780	815141	16.85%	0.967%
71	13.674	1968	1970	1973	rVB	235128	173900	3.60%	0.206%
72	13.721	1973	1978	1981	rBV5	619240	946912	19.58%	1.124%
73	13.751	1981	1983	1985	rVV	561013	456144	9.43%	0.541%
74	13.774	1985	1987	1991	rVV2	317926	362689	7.50%	0.430%
75	13.821	1992	1995	1999	rVB	892133	859609	17.77%	1.020%
76	13.968	2014	2020	2024	rBV2	2612499	4234793	87.56%	5.026%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.004	2024	2026	2031	rVV	2453667	2344482	48.48%	2.783%
78	14.062	2034	2036	2037	rBV	203685	145621	3.01%	0.173%
79	14.080	2037	2039	2041	rVB	245633	190317	3.94%	0.226%
80	14.233	2063	2065	2068	rVB3	204544	158397	3.28%	0.188%
81	14.327	2079	2081	2083	rBV	303823	277221	5.73%	0.329%
82	14.368	2083	2088	2091	rVV	1032157	1335378	27.61%	1.585%
83	14.398	2091	2093	2097	rVV	703019	660296	13.65%	0.784%
84	14.439	2097	2100	2101	rVV	283588	336086	6.95%	0.399%
85	14.457	2101	2103	2106	rVV2	542953	577154	11.93%	0.685%
86	14.492	2106	2109	2111	rVV	454866	501606	10.37%	0.595%
87	14.510	2111	2112	2116	rVV2	262119	229636	4.75%	0.273%
88	14.562	2119	2121	2124	rVB	234986	206756	4.28%	0.245%
89	14.668	2136	2139	2142	rBV4	133105	190755	3.94%	0.226%
90	14.704	2142	2145	2150	rVB3	177377	272926	5.64%	0.324%
91	14.751	2151	2153	2155	rBV	139987	135457	2.80%	0.161%
92	14.921	2179	2182	2193	rVB4	266344	512397	10.59%	0.608%
93	15.021	2194	2199	2202	rBV	1542831	2450329	50.67%	2.908%
94	15.127	2214	2217	2224	rVB	404538	492849	10.19%	0.585%
95	15.327	2246	2251	2257	rVB	1157831	1469197	30.38%	1.744%
96	15.392	2257	2262	2268	rVB	1541220	1923810	39.78%	2.283%
97	15.451	2268	2272	2275	rBV	777289	1008149	20.85%	1.197%
98	15.486	2275	2278	2285	rVB2	338542	592210	12.25%	0.703%
99	16.951	2521	2527	2536	rVB2	564446	1214599	25.11%	1.442%
100	17.403	2597	2604	2614	rVB	535175	1166415	24.12%	1.384%

Sum of corrected areas: 84253993

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
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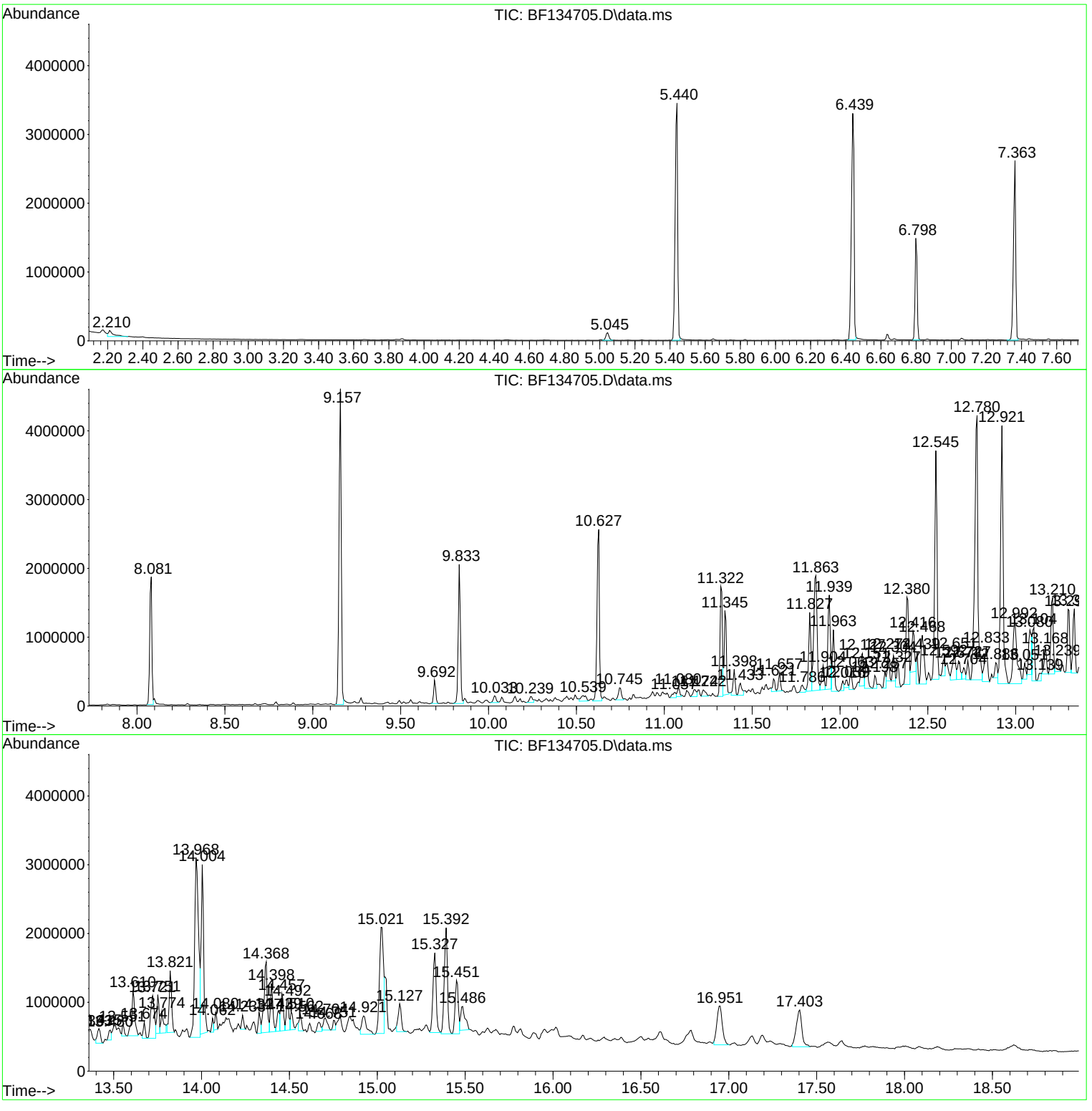
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
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Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

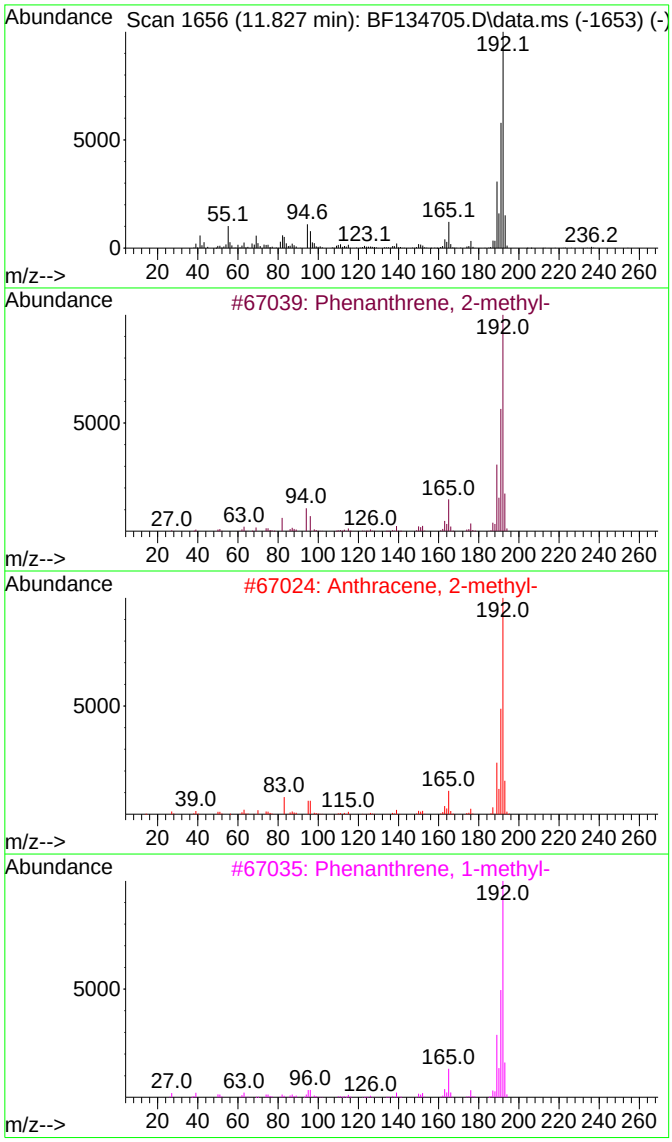
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

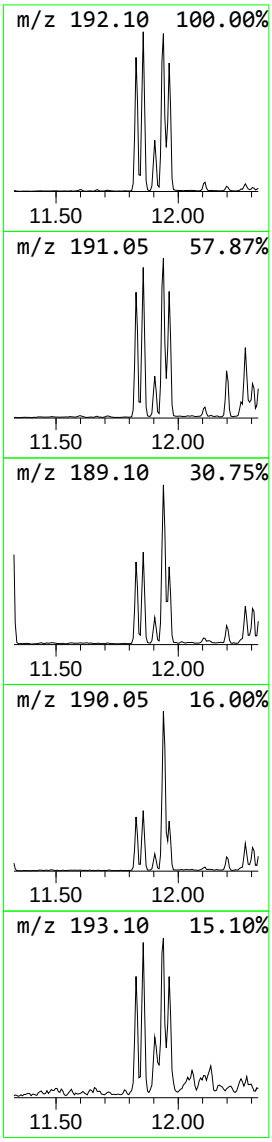
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	13.55 ng	1003390	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

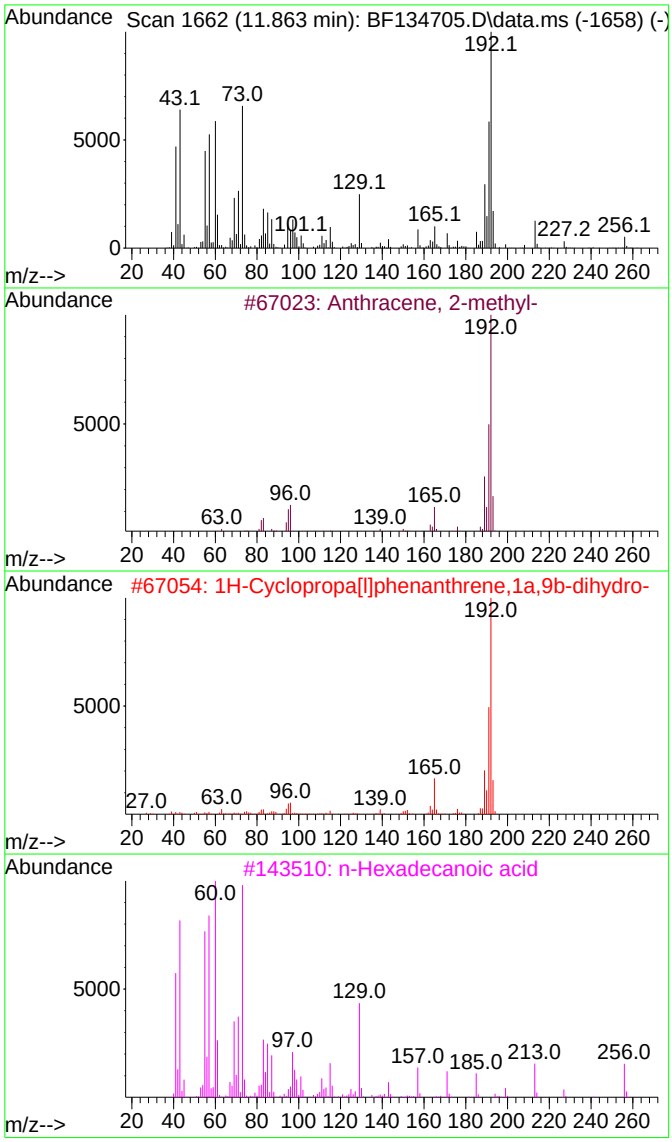
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

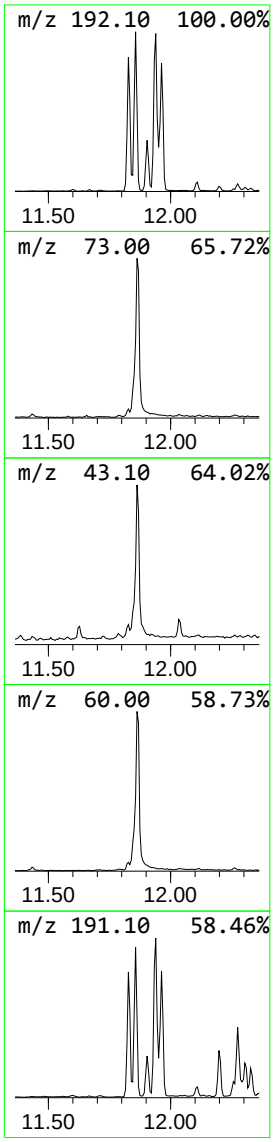
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	29.80 ng	2206700	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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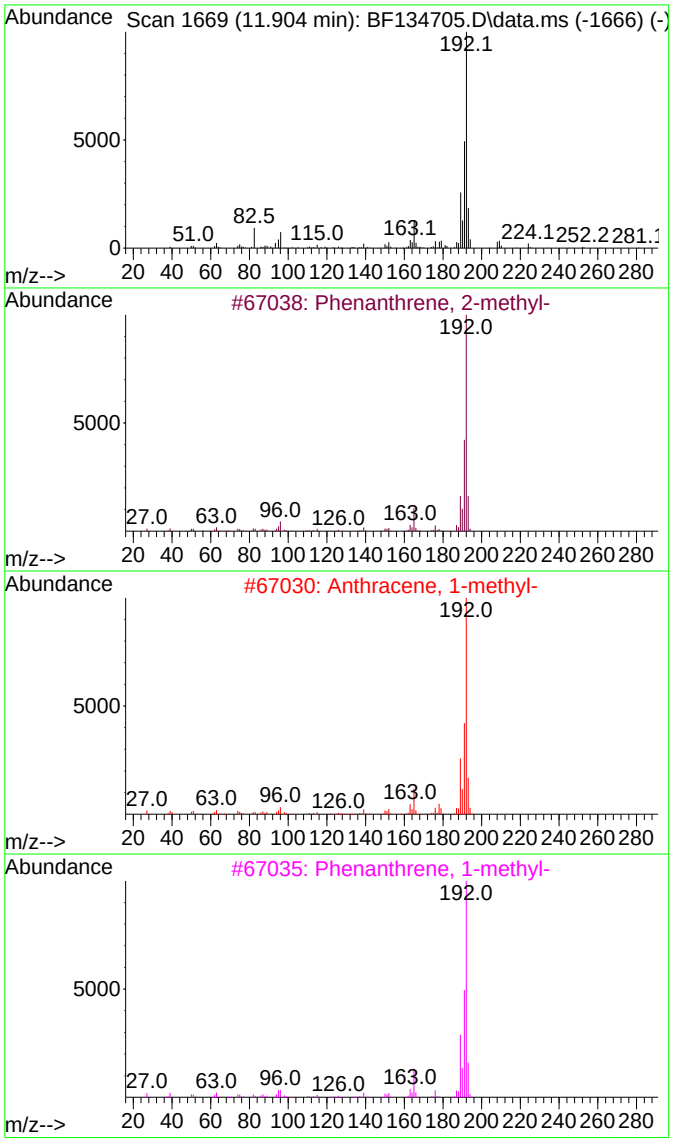
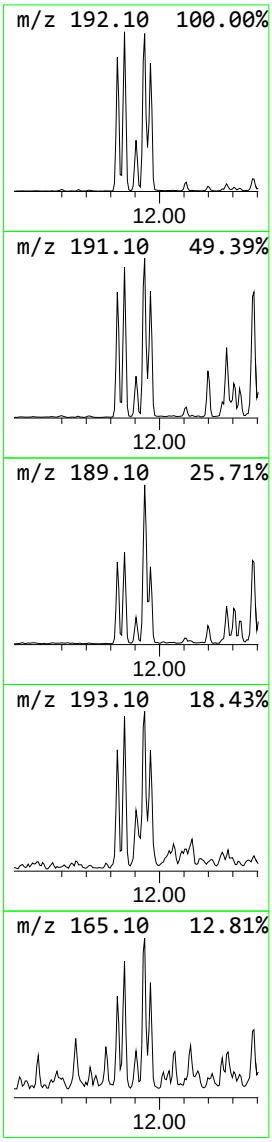
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.60 ng	340768	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

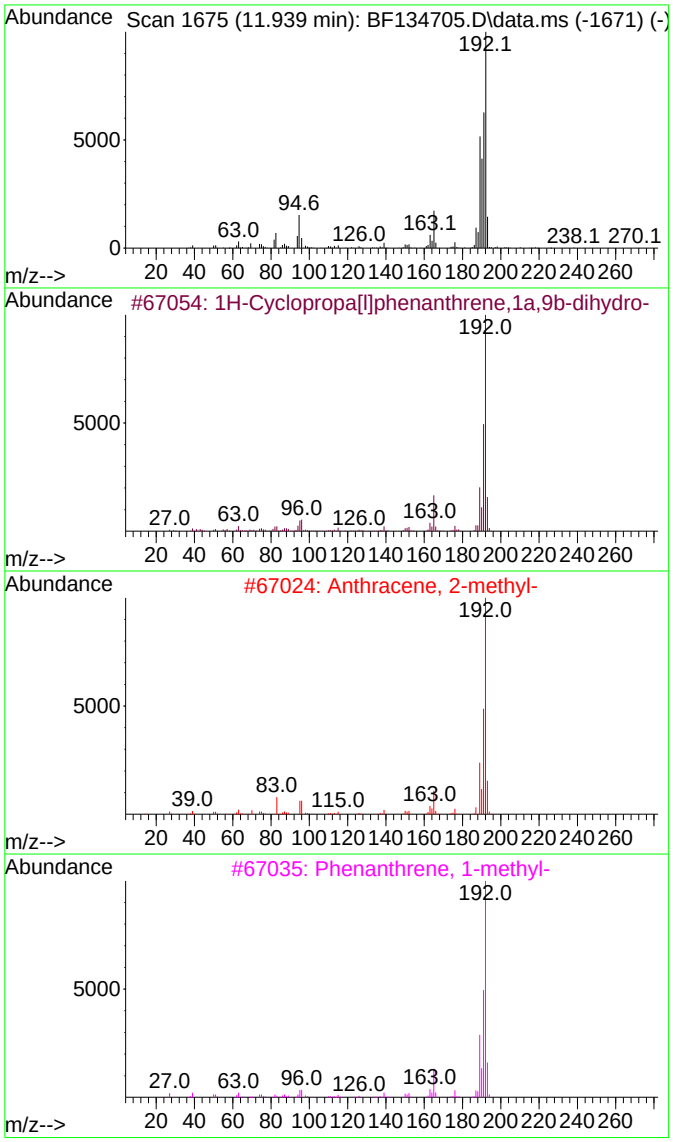
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

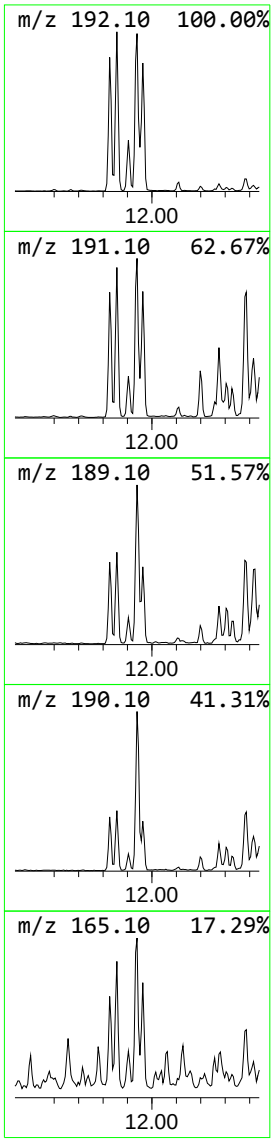
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	18.65 ng	1381170	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

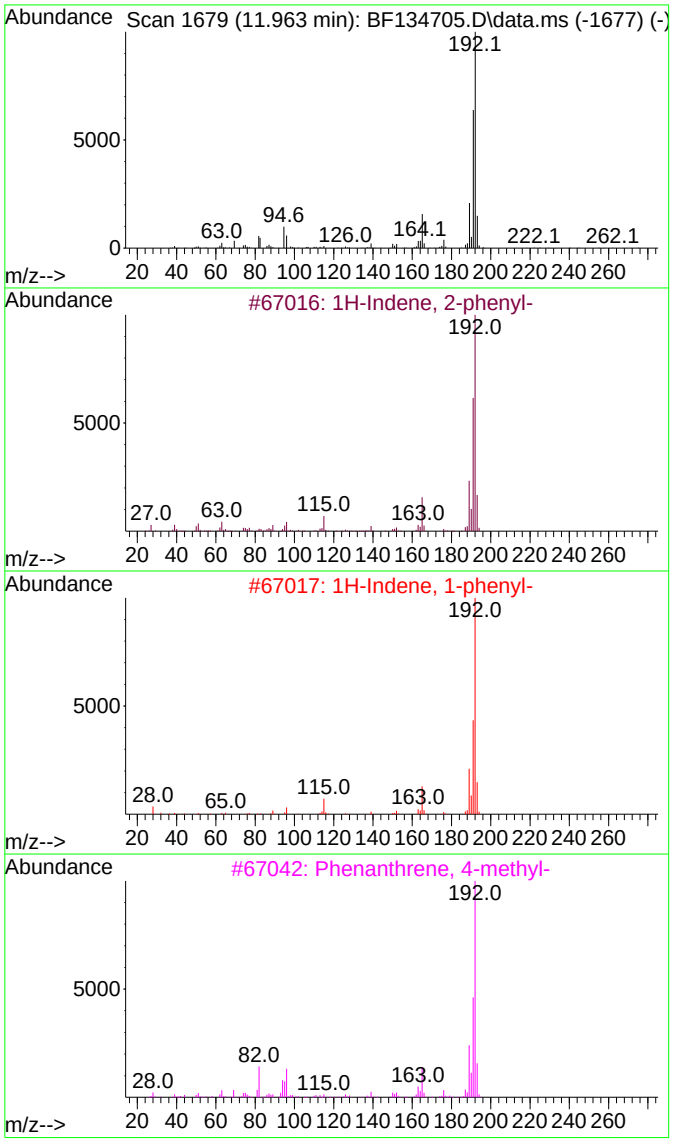
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

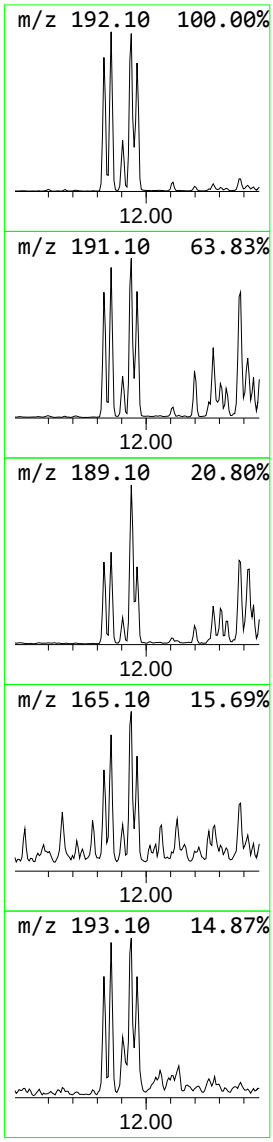
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	9.92 ng	734686	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	89
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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Acq On : 10 Aug 2023 12:20
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Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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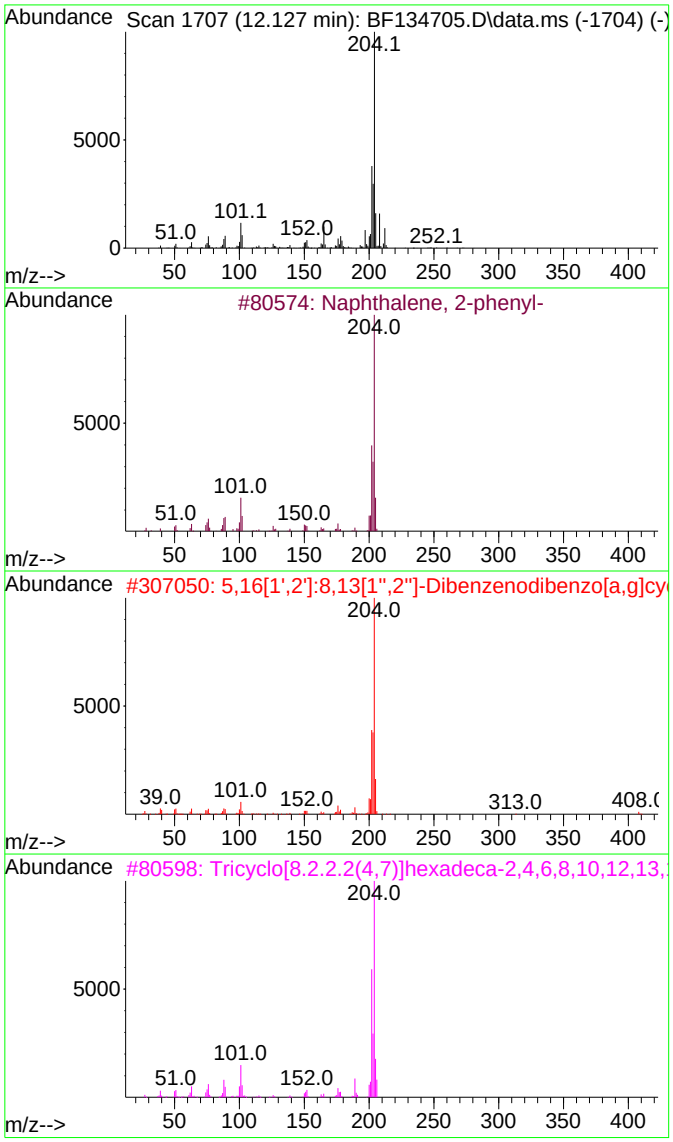
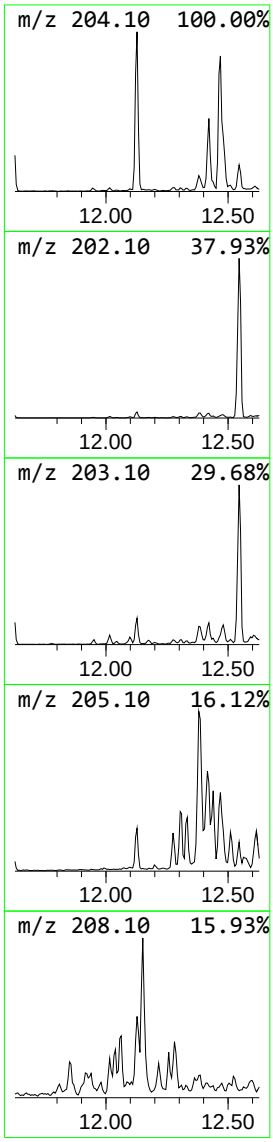
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	6.48 ng	479727	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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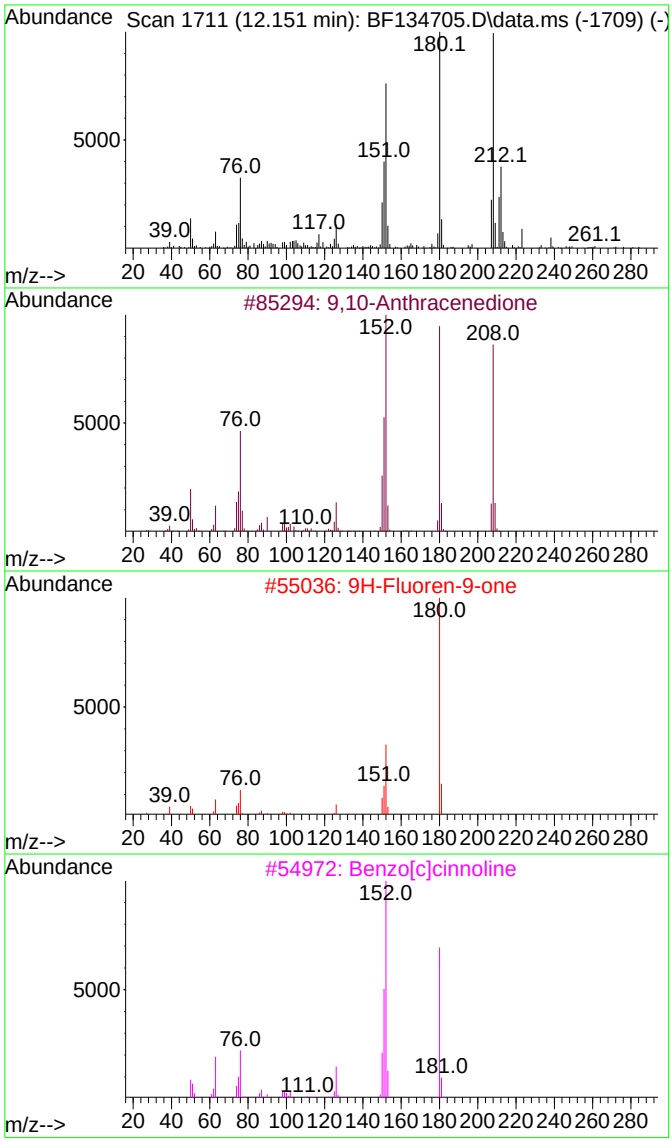
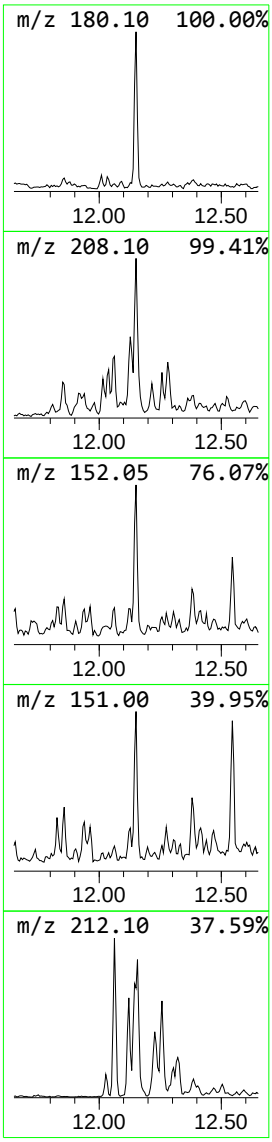
Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	5.42 ng	401165	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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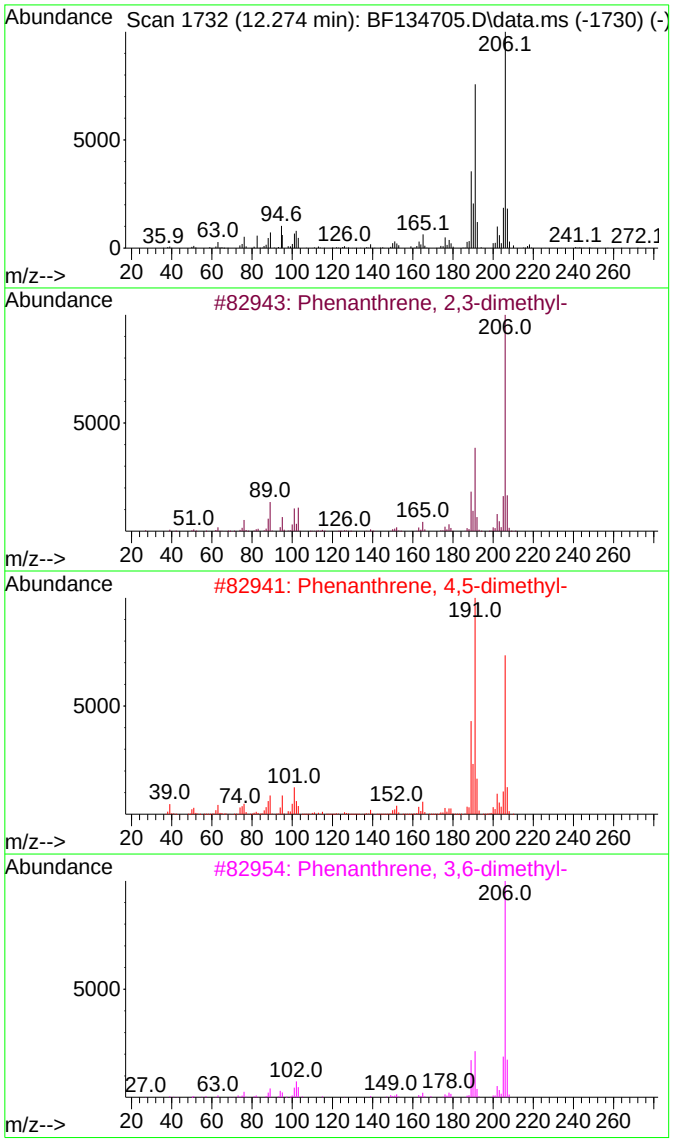
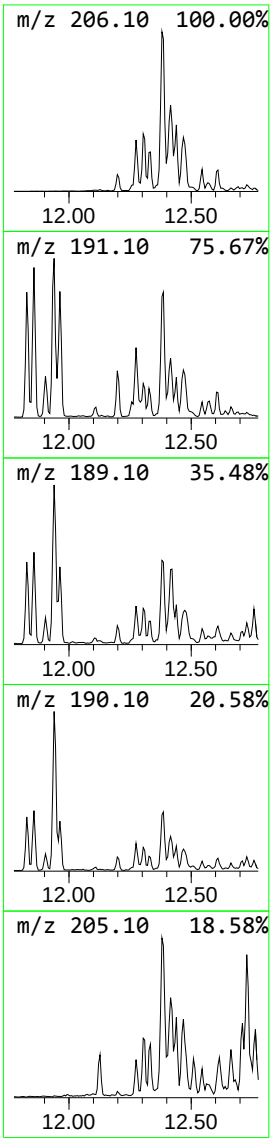
Peak Number 8 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	4.17 ng	308929	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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ClientSampleId :
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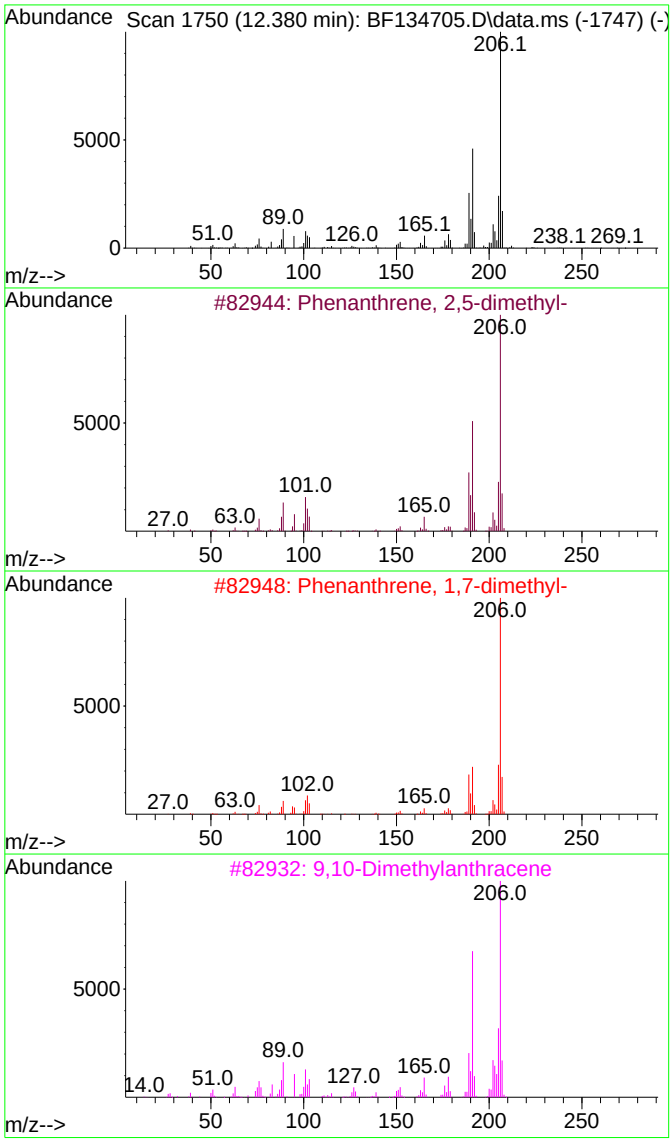
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

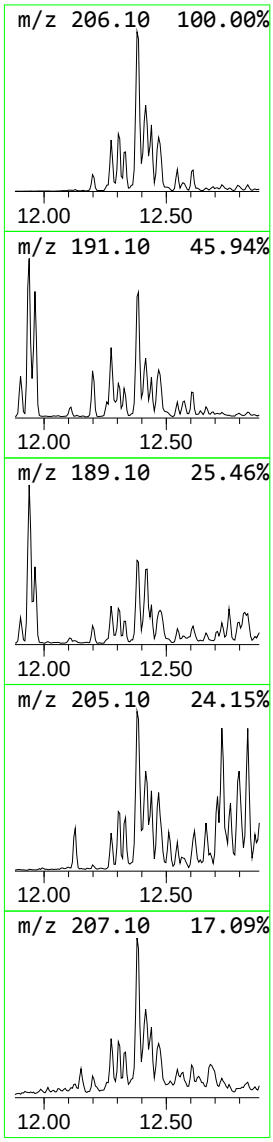
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	19.02 ng	1408360	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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ClientSampleId :
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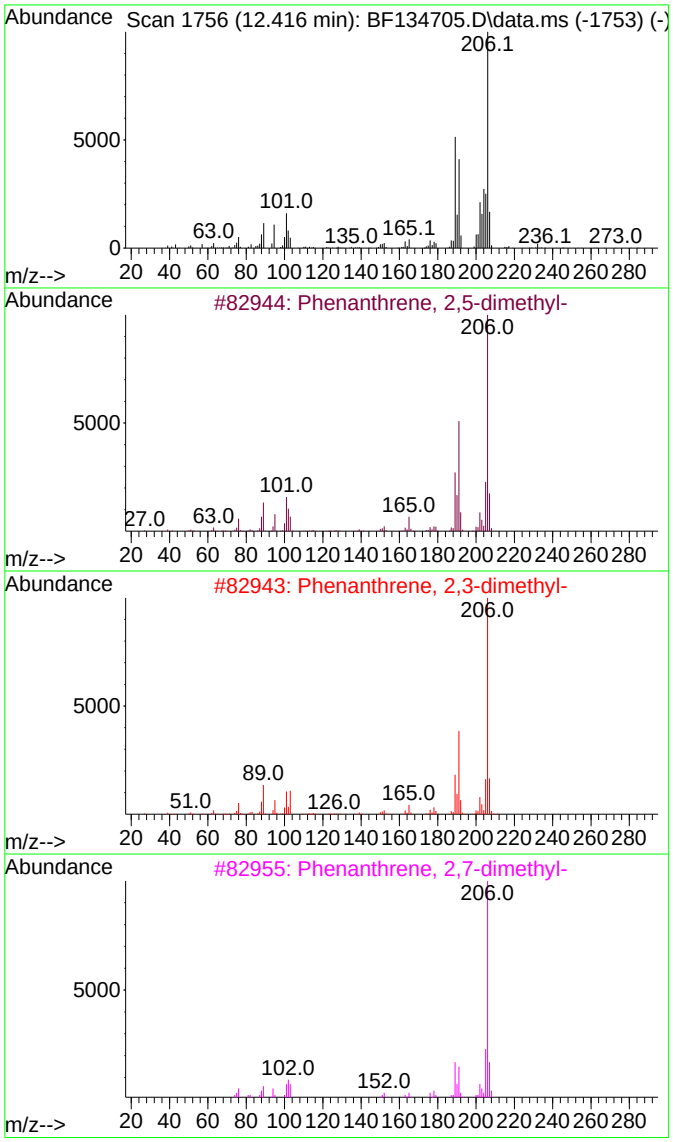
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

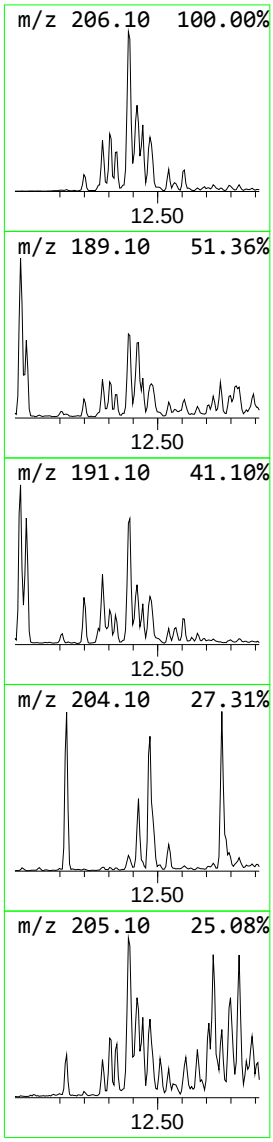
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	9.24 ng	684373	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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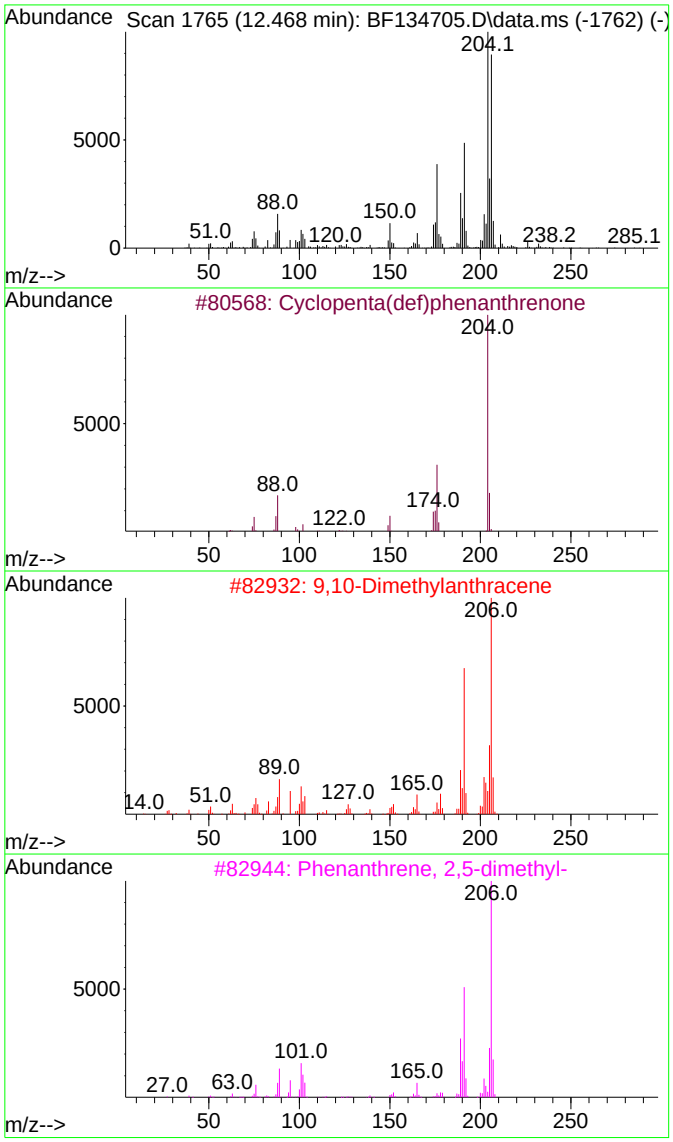
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

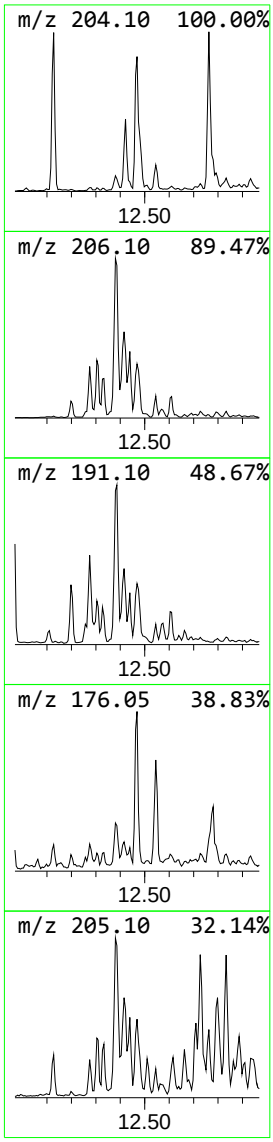
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	12.14 ng	899055	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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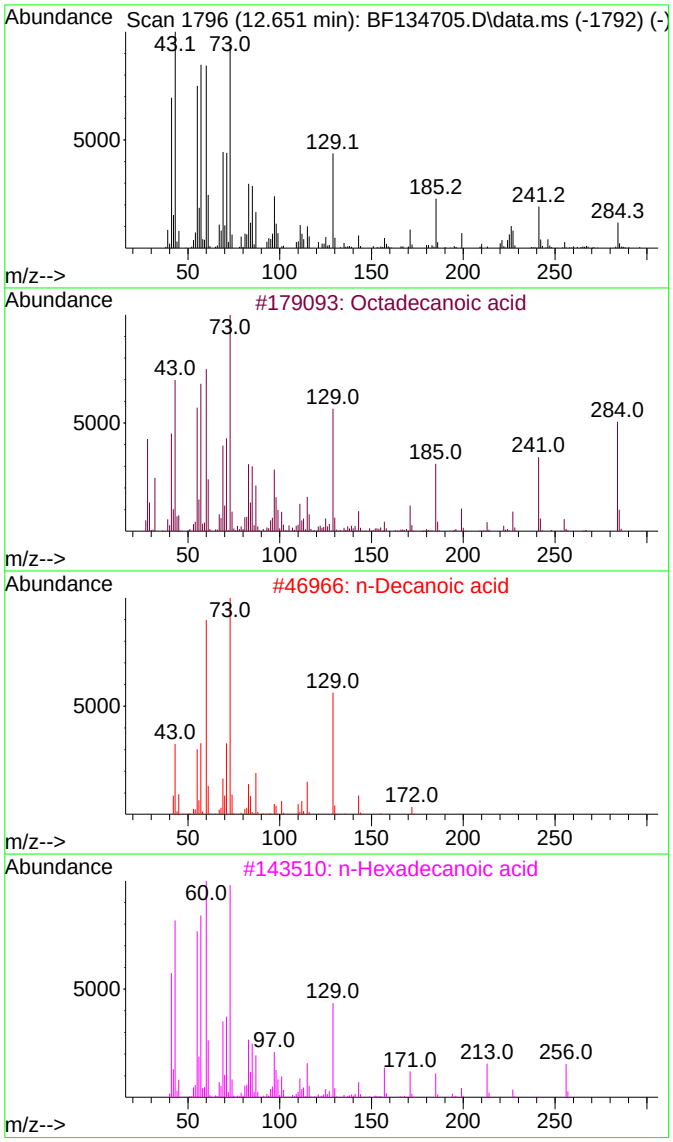
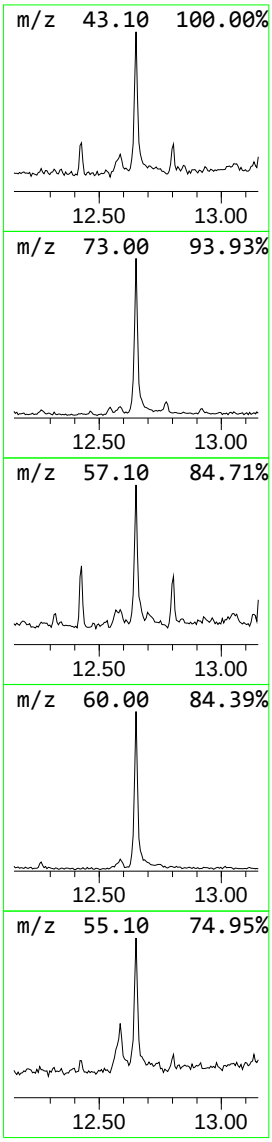
Peak Number 12 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.651	6.72 ng	497892	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	43





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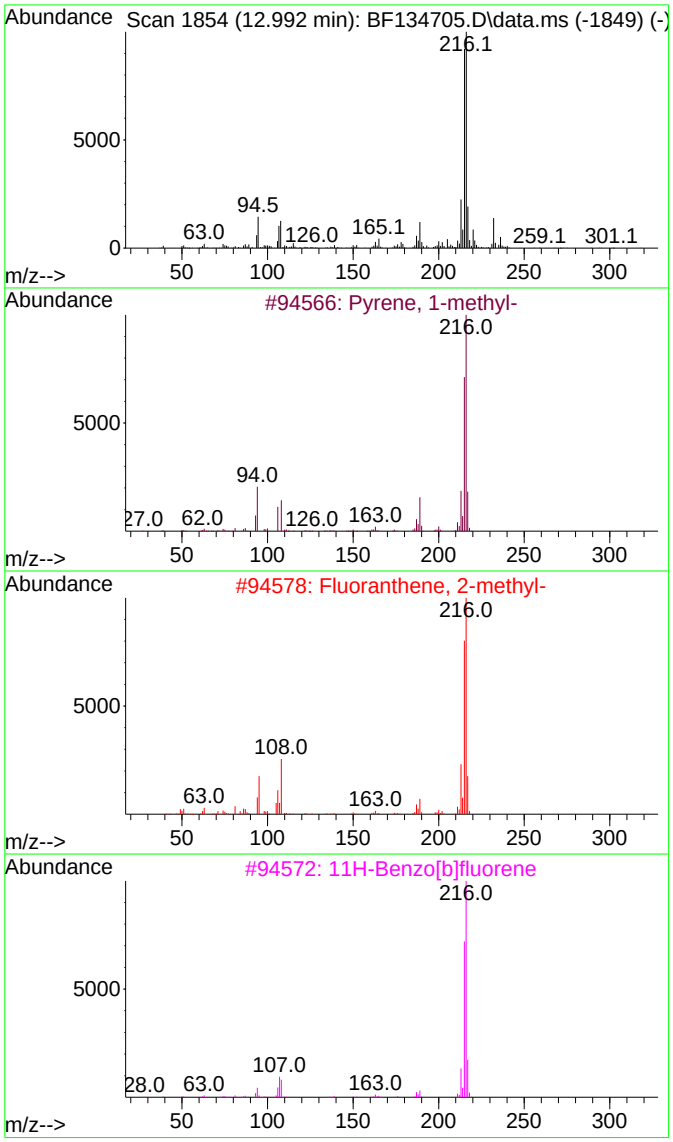
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

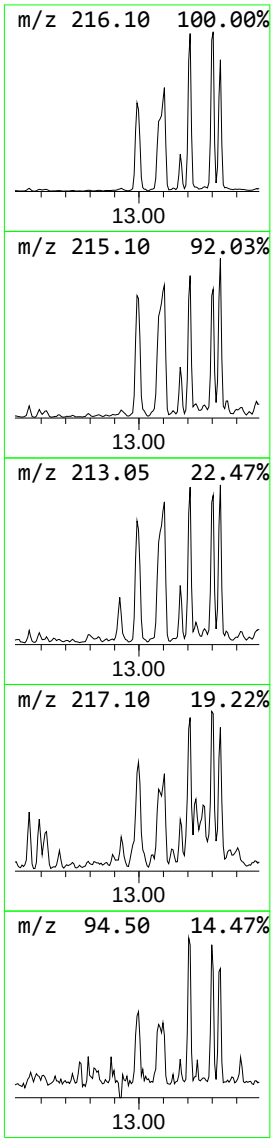
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	7.04 ng	1491370	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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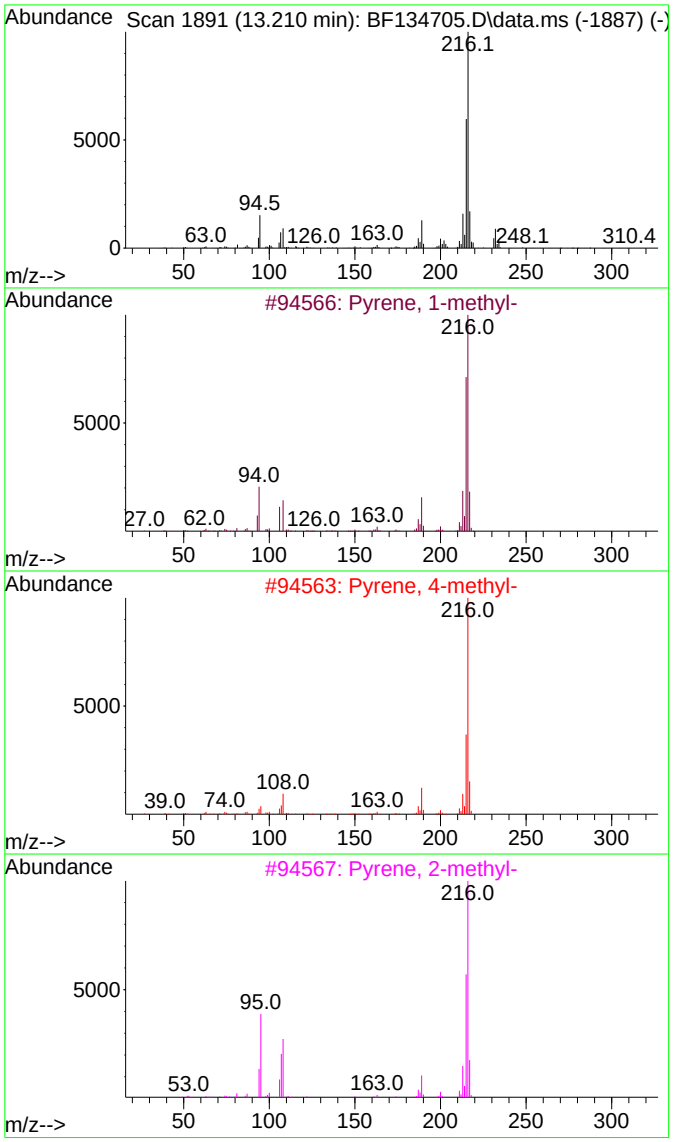
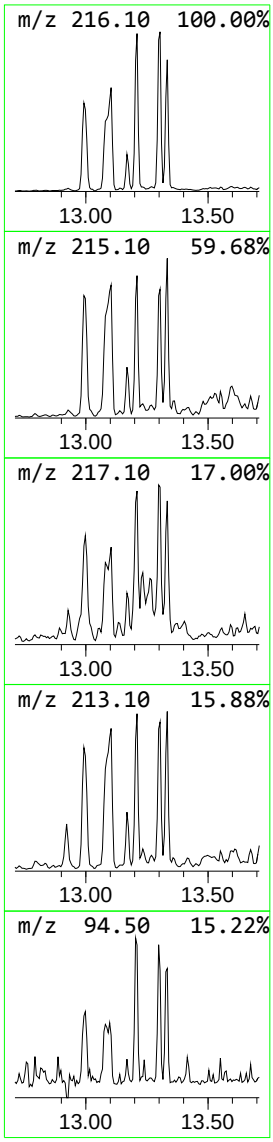
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	5.17 ng	1094890	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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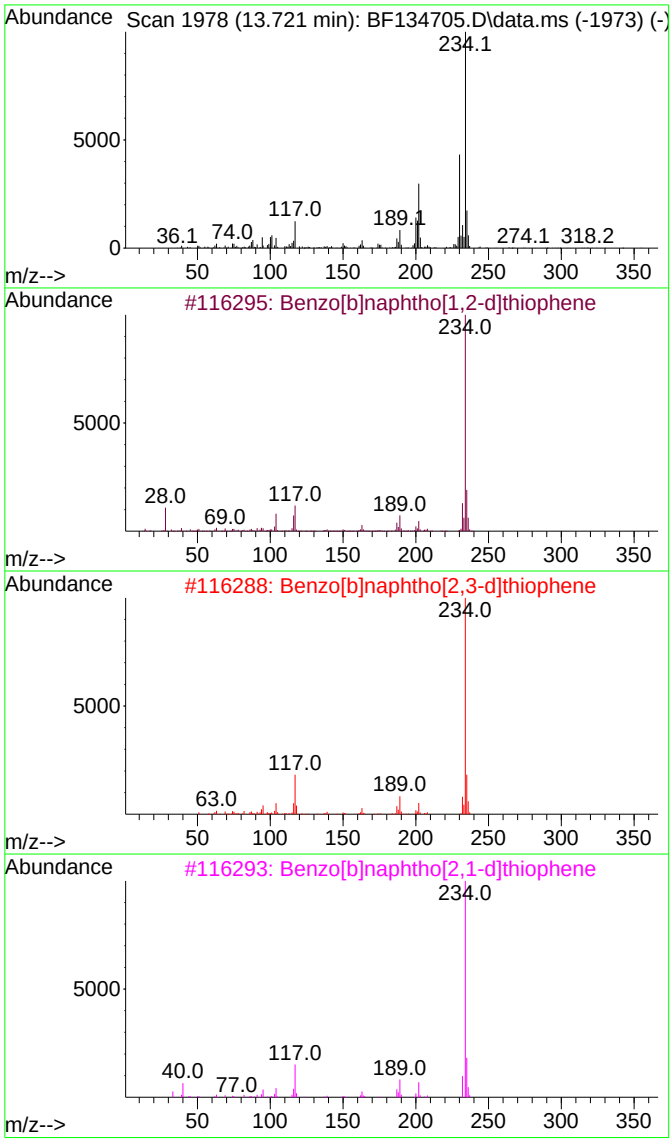
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

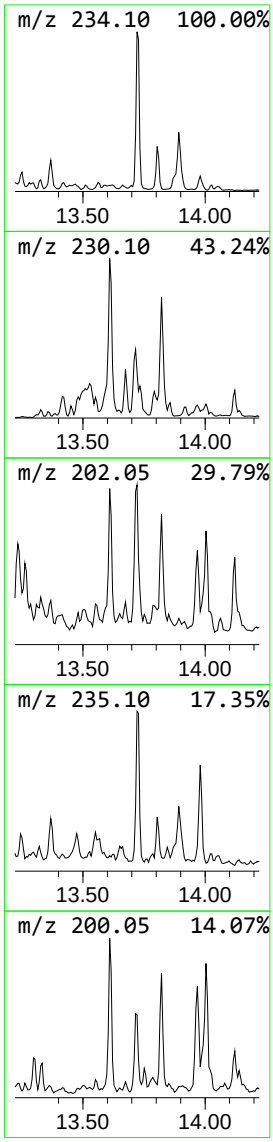
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[1,2-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	4.47 ng	946912	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	78
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	38





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TIC Library : C:\Database\NIST20.L
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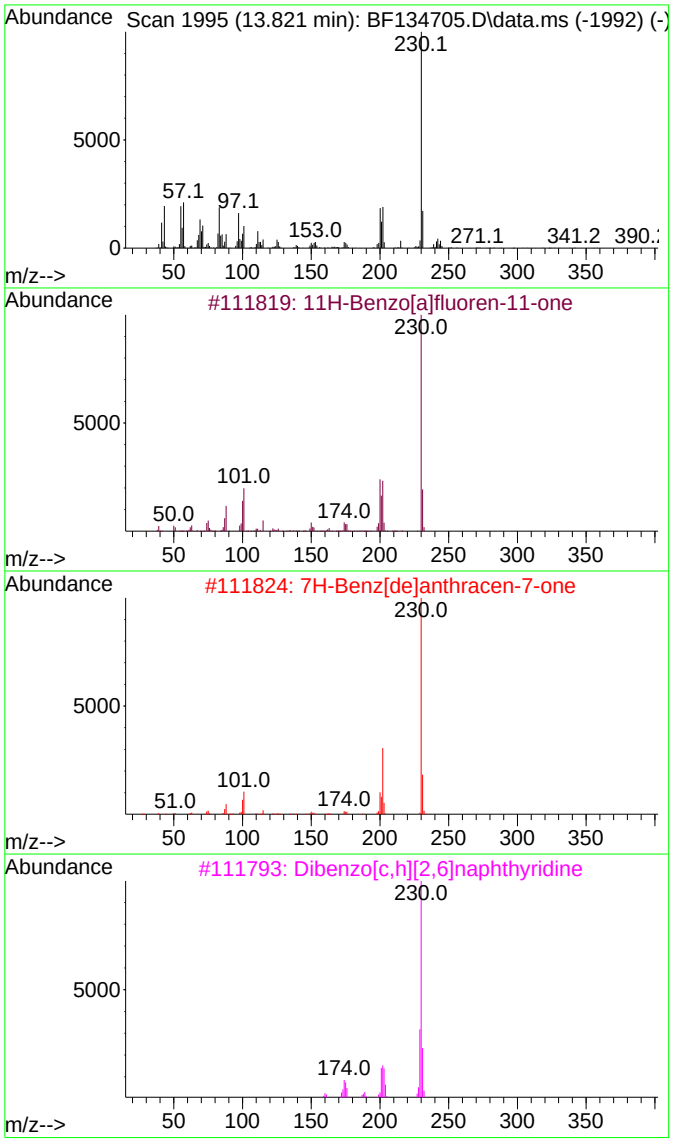
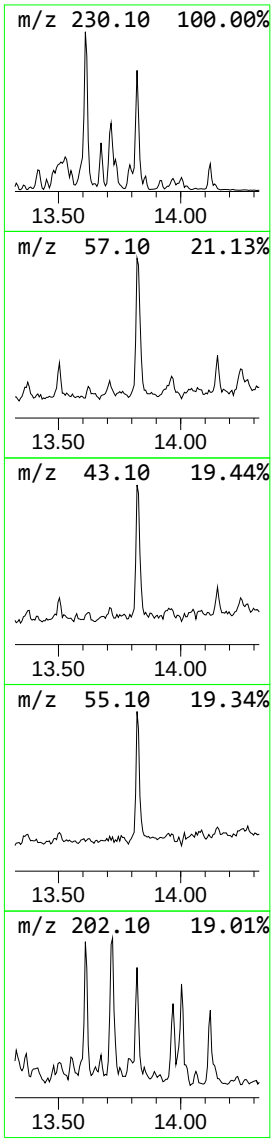
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	4.06 ng	859609	Chrysene-d12	13.980

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	89
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	56
4	p-Terphenyl	230	C18H14	000092-94-4	52
5	Benzo(b)phenazine	230	C16H10N2	000257-97-6	50





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ClientSampleId :
B-PP21A

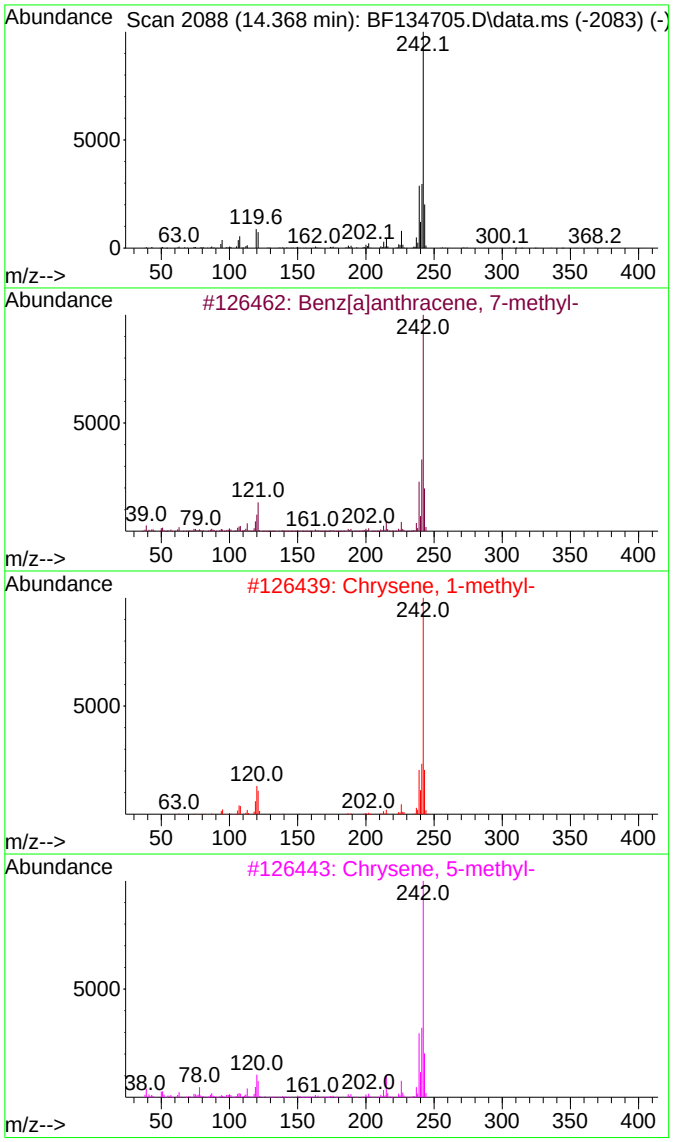
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

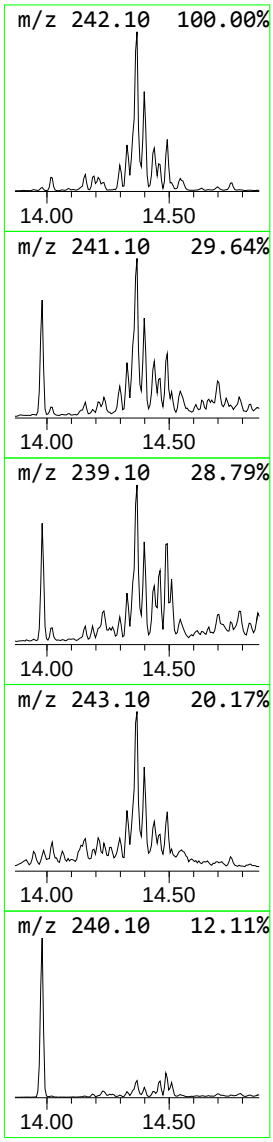
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.368	6.31 ng	1335380	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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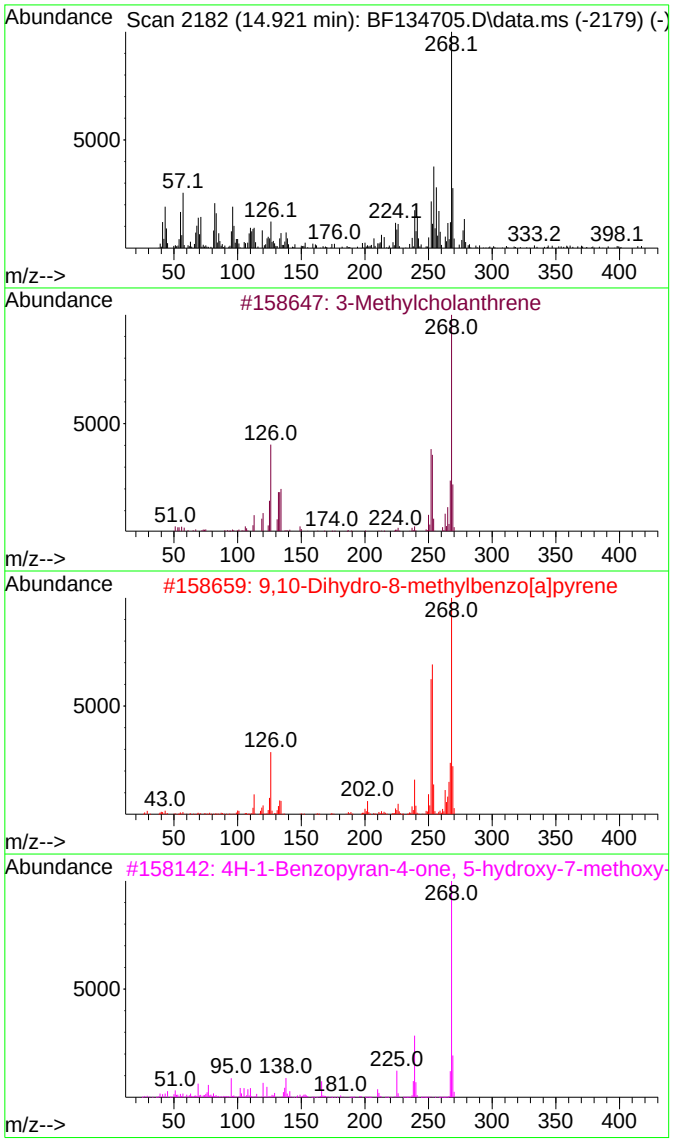
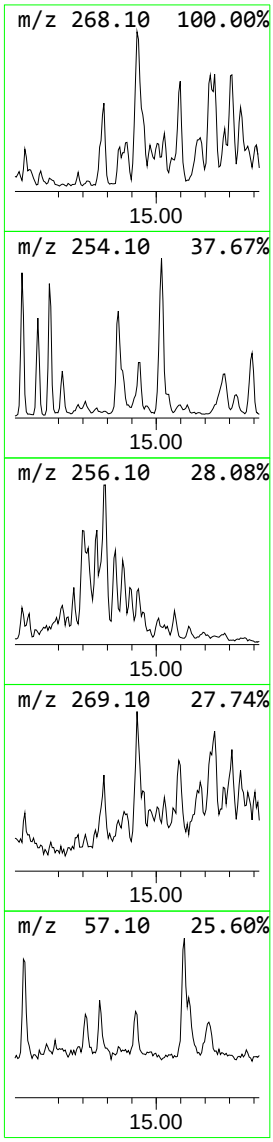
Peak Number 18 unknown14.921 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	10.17 ng	512397	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	49
2	9,10-Dihydro-8-methylbenzo[a]pyrene	268	C21H16	089524-72-1	47
3	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	46
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	46
5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	45





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Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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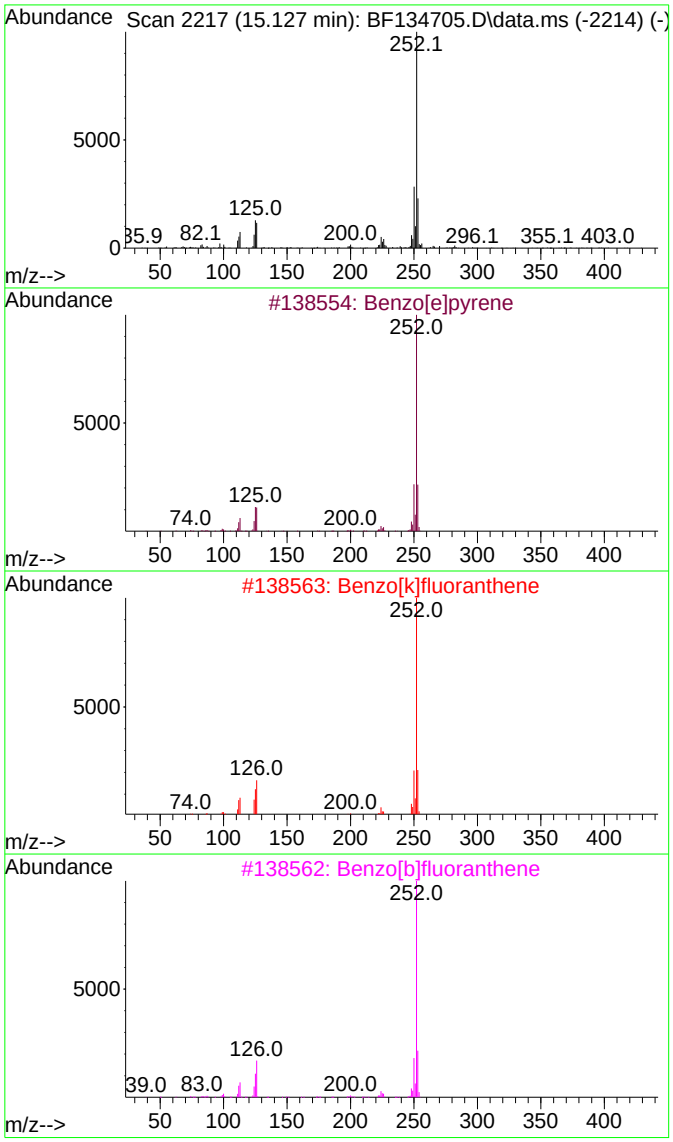
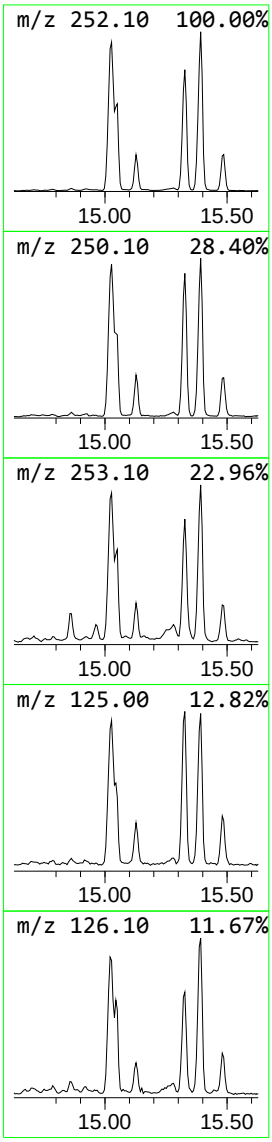
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	9.78 ng	492849	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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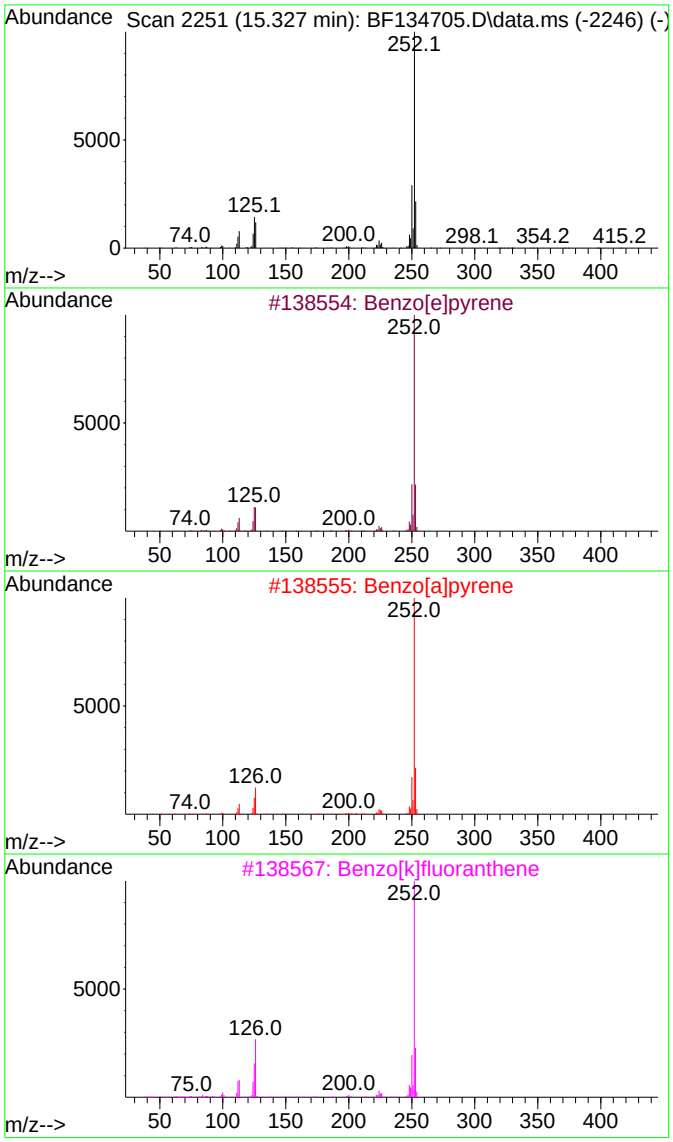
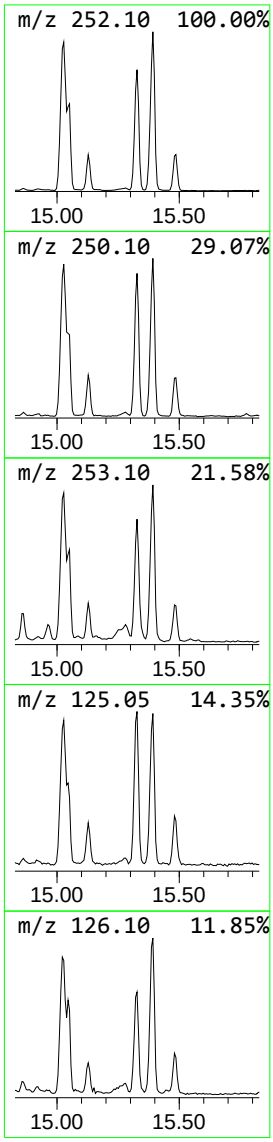
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	29.15 ng	1469200	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134705.D
Acq On : 10 Aug 2023 12:20
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.827	13.6	ng	1003390	4	11.322	1481240	20.0
Anthracene, 2-m...	11.863	29.8	ng	2206700	4	11.322	1481240	20.0
Anthracene, 1-m...	11.904	4.6	ng	340768	4	11.322	1481240	20.0
1H-Cyclopropa[l...	11.939	18.6	ng	1381170	4	11.322	1481240	20.0
1H-Indene, 2-ph...	11.963	9.9	ng	734686	4	11.322	1481240	20.0
Naphthalene, 2-...	12.127	6.5	ng	479727	4	11.322	1481240	20.0
9,10-Anthracene...	12.151	5.4	ng	401165	4	11.322	1481240	20.0
Phenanthrene, 2...	12.274	4.2	ng	308929	4	11.322	1481240	20.0
Phenanthrene, 2...	12.380	19.0	ng	1408360	4	11.322	1481240	20.0
Phenanthrene, 2...	12.416	9.2	ng	684373	4	11.322	1481240	20.0
Cyclopenta(def)...	12.469	12.1	ng	899055	4	11.322	1481240	20.0
Octadecanoic acid	12.651	6.7	ng	497892	4	11.322	1481240	20.0
Pyrene, 1-methyl-	12.992	7.0	ng	1491370	5	13.980	4234790	20.0
Pyrene, 4-methyl-	13.210	5.2	ng	1094890	5	13.980	4234790	20.0
Benzo[b]naphtho...	13.721	4.5	ng	946912	5	13.980	4234790	20.0
11H-Benzo[a]flu...	13.821	4.1	ng	859609	5	13.980	4234790	20.0
Benz[a]anthrace...	14.368	6.3	ng	1335380	5	13.980	4234790	20.0
unknown14.921	14.921	10.2	ng	512397	6	15.451	1008150	20.0
Benzo[e]pyrene	15.127	9.8	ng	492849	6	15.451	1008150	20.0
Benzo[j]fluoran...	15.327	29.1	ng	1469200	6	15.451	1008150	20.0