LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
Data File : BF134695.D
Acq On : 09 Aug 2023 17:56
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 8 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: BF134695.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	25	rVB2	53193	86532	1.90%	0.112%
2	5.034	497	501	509	rVB	124553	146012	3.20%	0.190%
3	5.434	564	569	572	rBV	3687633	3433906	75.31%	4.457%
4	6.439	734	740	742	rBV	3314741	3497929	76.72%	4.540%
5	6.628	769	772	778	rBV2	97157	99847	2.19%	0.130%
6	6.798	798	801	805	rBV	1414833	1195389	26.22%	1.552%
7	7.363	892	897	900	rBV	2501612	2258266	49.53%	2.931%
8	8.080	1015	1019	1021	rBV	1844982	1554135	34.08%	2.017%
9	9.157	1197	1202	1205	rBV	4781345	3963101	86.92%	5.144%
10	9.692	1290	1293	1297	rVB	383020	292261	6.41%	0.379%
11	9.833	1311	1317	1320	rBV	2010322	1655357	36.30%	2.149%
12	10.033	1348	1351	1355	rBV	85316	88995	1.95%	0.116%
13	10.151	1367	1371	1374	rBV2	87397	95870	2.10%	0.124%
14	10.239	1382	1386	1389	rBV2	79695	105317	2.31%	0.137%
15	10.445	1416	1421	1423	rBV	68323	89719	1.97%	0.116%
16	10.627	1447	1452	1455	rBV	2277158	2182322	47.86%	2.833%
17	10.663	1455	1458	1463	rVB3	49395	75459	1.65%	0.098%
18	10.751	1468	1473	1476	rBV4	165850	200622	4.40%	0.260%
19	11.063	1521	1526	1527	rBV3	70016	106894	2.34%	0.139%
20	11.080	1527	1529	1535	rVV3	137731	152990	3.36%	0.199%
21	11.127	1535	1537	1541	rVV3	83261	101922	2.24%	0.132%
22	11.174	1541	1545	1547	rVV3	99824	136875	3.00%	0.178%
23	11.198	1547	1549	1551	rVV2	91817	76110	1.67%	0.099%
24	11.221	1551	1553	1558	rVB4	80599	110555	2.42%	0.143%
25	11.321	1567	1570	1572	rBV	1489198	1339025	29.37%	1.738%
26	11.345	1572	1574	1578	rVV	1110392	947240	20.77%	1.229%
27	11.398	1580	1583	1586	rVB	357470	293785	6.44%	0.381%
28	11.433	1586	1589	1592	rBV3	150933	188010	4.12%	0.244%
29	11.557	1608	1610	1612	rBV2	91996	90325	1.98%	0.117%
30	11.580	1612	1614	1616	rVV	104289	103853	2.28%	0.135%
31	11.621	1619	1621	1624	rVV	166765	150311	3.30%	0.195%
32	11.657	1624	1627	1630	rVB	230404	187111	4.10%	0.243%
33	11.739	1638	1641	1645	rVB	93710	103120	2.26%	0.134%
34	11.780	1645	1648	1651	rBV4	81895	96543	2.12%	0.125%
35	11.827	1652	1656	1658	rVV	867251	759998	16.67%	0.986%
36	11.857	1658	1661	1666	rVB2	1300339	1277583	28.02%	1.658%

LSC Area Percent Report

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Sample : 03943-01
Misc :
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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.904	1666	1669	1671	rBV	300194	251758	5.52%	0.327%
38	11.939	1671	1675	1677	rVV	1199474	1154127	25.31%	1.498%
39	11.963	1677	1679	1684	rVB	807243	648421	14.22%	0.842%
40	12.016	1685	1688	1690	rBV2	115974	119941	2.63%	0.156%
41	12.063	1693	1696	1699	rVB	264347	229818	5.04%	0.298%
42	12.127	1699	1707	1709	rBV3	493640	629992	13.82%	0.818%
43	12.151	1709	1711	1717	rVB3	341123	368548	8.08%	0.478%
44	12.198	1717	1719	1722	rBV	168750	173376	3.80%	0.225%
45	12.257	1726	1729	1730	rBV	200771	165820	3.64%	0.215%
46	12.274	1730	1732	1735	rVB	386224	280836	6.16%	0.365%
47	12.304	1735	1737	1740	rBV	315222	270282	5.93%	0.351%
48	12.327	1740	1741	1744	rVB	270432	206291	4.52%	0.268%
49	12.380	1747	1750	1753	rBV	1187600	1277502	28.02%	1.658%
50	12.415	1753	1756	1759	rVV2	513840	620225	13.60%	0.805%
51	12.439	1759	1760	1762	rVB	419649	205307	4.50%	0.266%
52	12.468	1762	1765	1769	rBV2	692360	825424	18.10%	1.071%
53	12.545	1774	1778	1781	rBV	3115672	2708578	59.40%	3.516%
54	12.592	1783	1786	1787	rBV	220705	212708	4.67%	0.276%
55	12.639	1792	1794	1797	rVB3	86558	91722	2.01%	0.119%
56	12.674	1797	1800	1803	rBV3	239506	212047	4.65%	0.275%
57	12.727	1807	1809	1812	rVB	231456	175585	3.85%	0.228%
58	12.774	1812	1817	1823	rBV	3742100	4559624	100.00%	5.918%
59	12.833	1823	1827	1830	rVB2	473849	573453	12.58%	0.744%
60	12.886	1833	1836	1838	rBV2	227331	202230	4.44%	0.262%
61	12.921	1838	1842	1848	rVB	3638180	3524506	77.30%	4.575%
62	12.992	1850	1854	1858	rBV	840656	1118199	24.52%	1.451%
63	13.051	1861	1864	1866	rBV2	207996	185476	4.07%	0.241%
64	13.080	1866	1869	1871	rBV2	626214	850089	18.64%	1.103%
65	13.133	1876	1878	1880	rBV2	118072	140224	3.08%	0.182%
66	13.168	1881	1884	1887	rVV2	399823	371049	8.14%	0.482%
67	13.210	1887	1891	1893	rVV2	1078624	1091805	23.95%	1.417%
68	13.233	1893	1895	1898	rVV	248028	278146	6.10%	0.361%
69	13.263	1898	1900	1903	rVV2	149172	147485	3.23%	0.191%
70	13.298	1903	1906	1909	rVV	936789	905199	19.85%	1.175%
71	13.333	1909	1912	1915	rVB	875257	793021	17.39%	1.029%
72	13.415	1923	1926	1930	rVB4	190541	249807	5.48%	0.324%
73	13.480	1934	1937	1938	rBV2	126813	130896	2.87%	0.170%
74	13.551	1948	1949	1952	rVB3	163965	125136	2.74%	0.162%
75	13.610	1954	1959	1964	rVV	705231	820747	18.00%	1.065%
76	13.674	1968	1970	1973	rVB	242524	181364	3.98%	0.235%

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Misc :
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.721	1973	1978	1981	rBV4	608924	972644	21.33%	1.262%
78	13.751	1981	1983	1985	rVV	560634	428116	9.39%	0.556%
79	13.774	1985	1987	1993	rVV3	288018	356518	7.82%	0.463%
80	13.821	1993	1995	1999	rVB2	624909	682510	14.97%	0.886%
81	13.968	2016	2020	2024	rBV2	2837429	4131958	90.62%	5.363%
82	14.004	2024	2026	2032	rVB	2407069	2421161	53.10%	3.143%
83	14.062	2034	2036	2038	rBV	235653	220636	4.84%	0.286%
84	14.080	2038	2039	2041	rVB	197108	132584	2.91%	0.172%
85	14.233	2063	2065	2068	rVB2	248374	184869	4.05%	0.240%
86	14.327	2079	2081	2083	rBV	334529	299702	6.57%	0.389%
87	14.368	2083	2088	2091	rVV	1165882	1293047	28.36%	1.678%
88	14.398	2091	2093	2097	rVB	666360	584806	12.83%	0.759%
89	14.439	2097	2100	2101	rBV	253140	275559	6.04%	0.358%
90	14.457	2101	2103	2106	rVB2	404057	385368	8.45%	0.500%
91	14.492	2106	2109	2111	rBV	429301	376775	8.26%	0.489%
92	14.927	2179	2183	2192	rVB3	266075	481930	10.57%	0.626%
93	15.021	2195	2199	2203	rBV	1537053	2568674	56.34%	3.334%
94	15.127	2214	2217	2222	rVB	349539	386628	8.48%	0.502%
95	15.327	2247	2251	2257	rVB	1119165	1396003	30.62%	1.812%
96	15.392	2257	2262	2267	rVB	1393926	1741910	38.20%	2.261%
97	15.451	2268	2272	2275	rVV	734694	915718	20.08%	1.189%
98	15.486	2275	2278	2284	rVB3	350200	587949	12.89%	0.763%
99	16.945	2520	2526	2534	rVB2	474861	973897	21.36%	1.264%
100	17.398	2597	2603	2612	rVB	455752	923996	20.26%	1.199%

Sum of corrected areas: 77043011

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ALS Vial : 8 Sample Multiplier: 1

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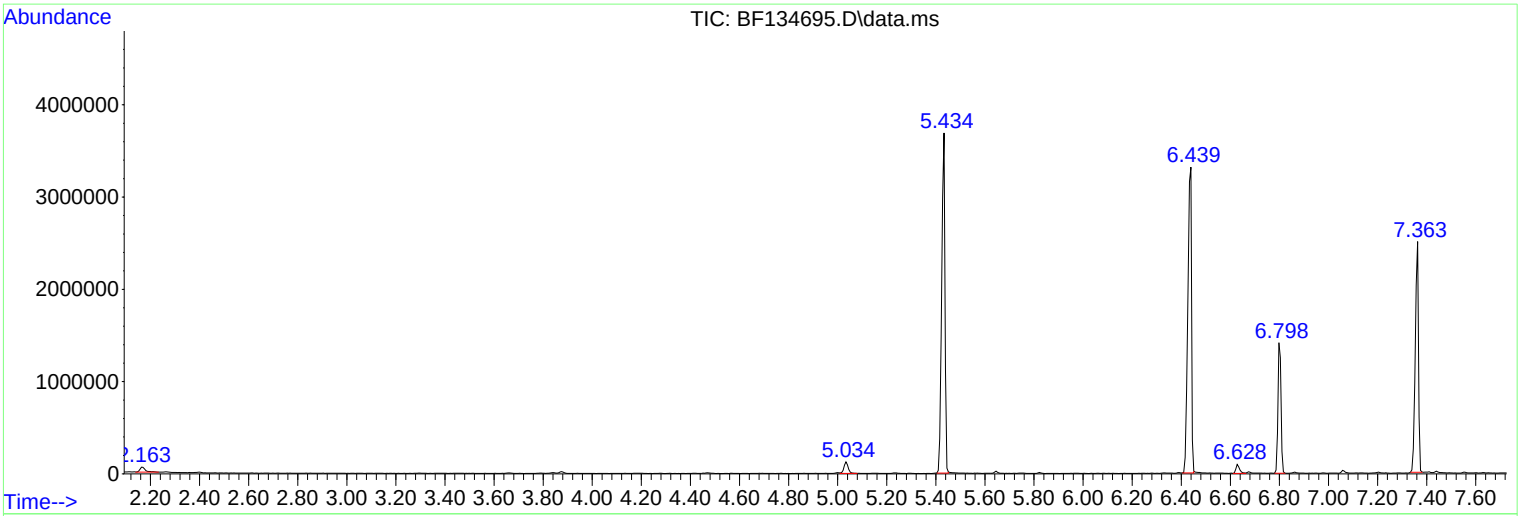
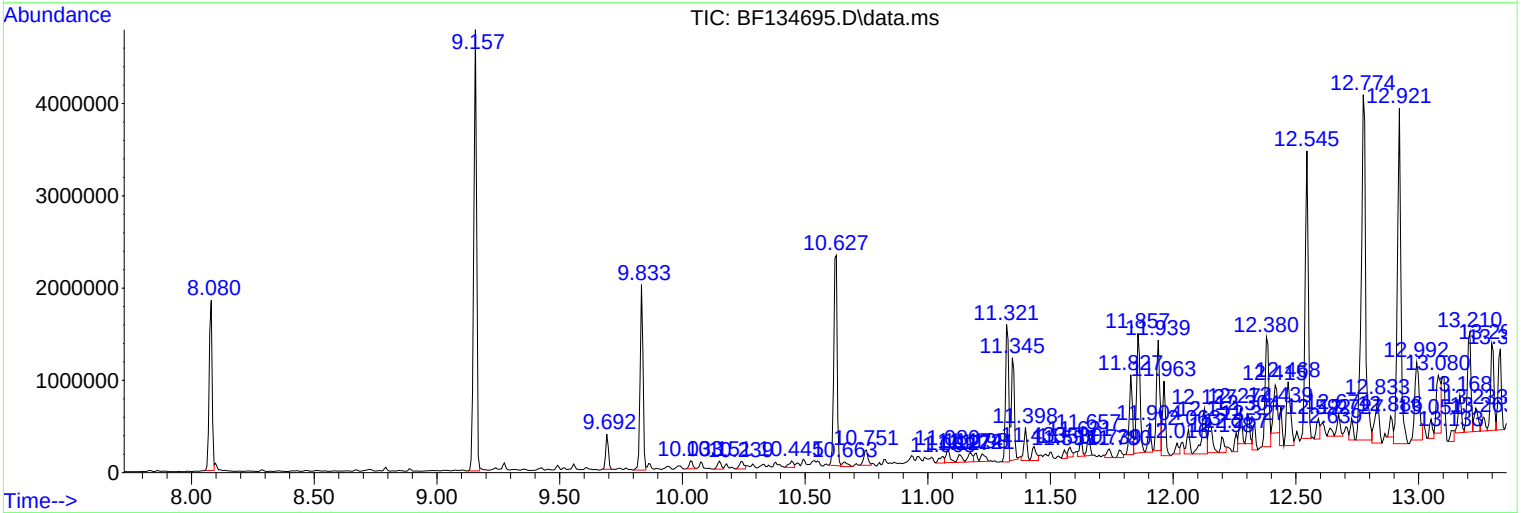
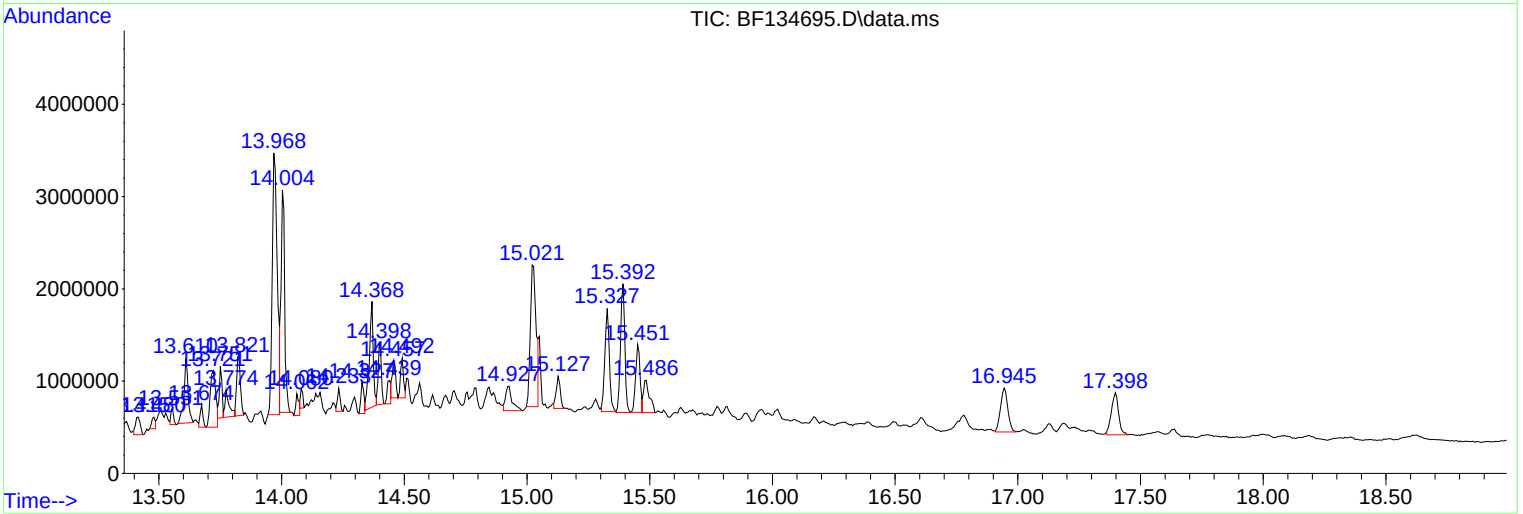
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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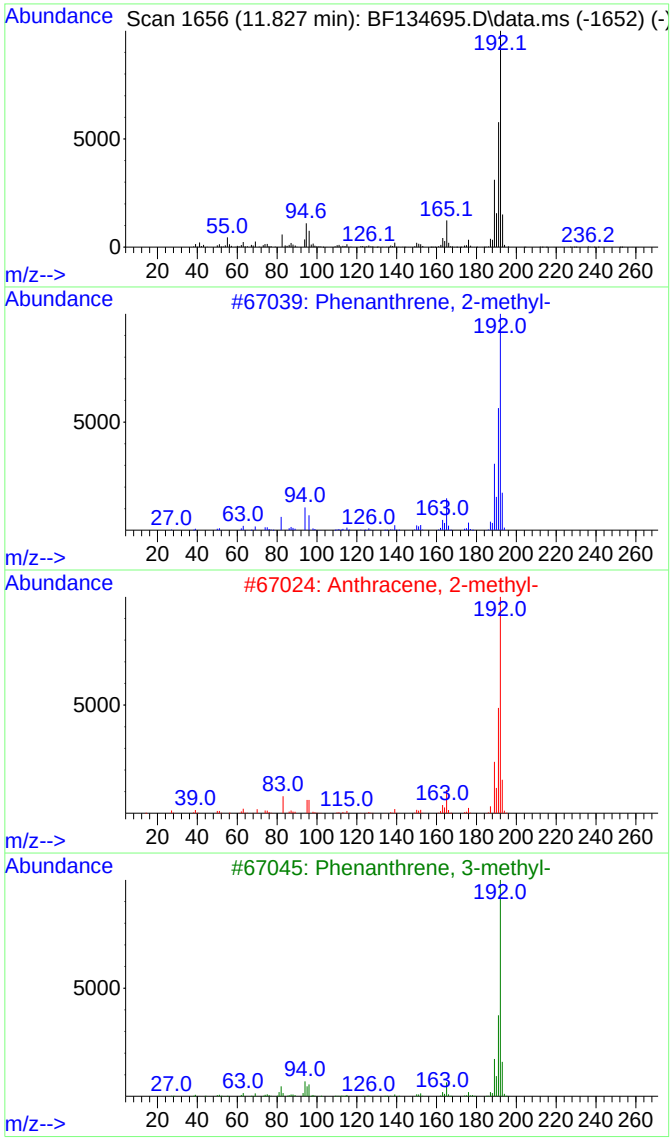
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

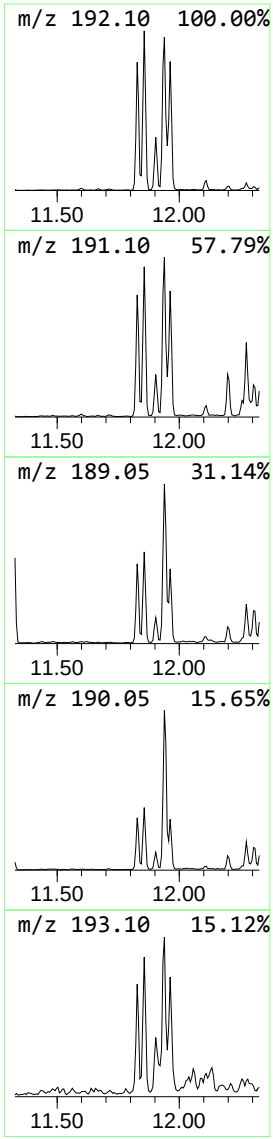
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	11.35 ng	759998	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	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

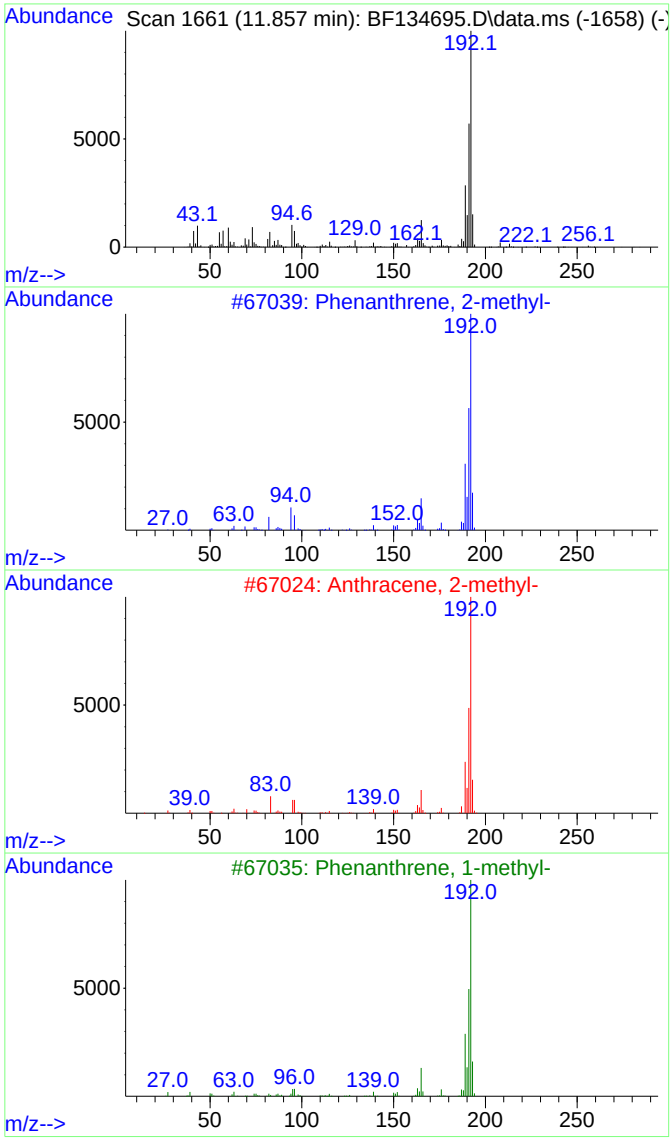
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

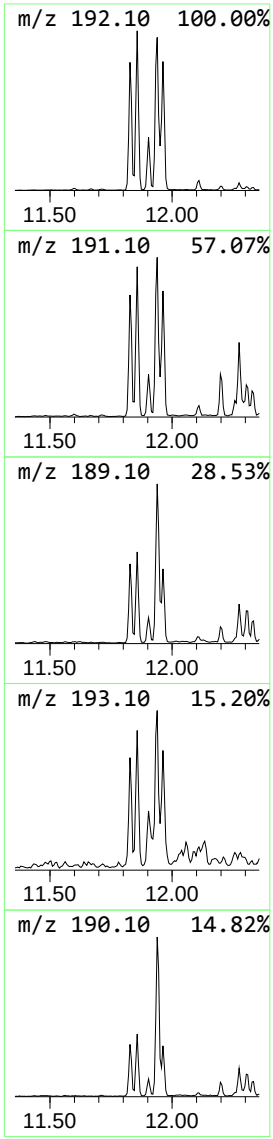
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	19.08 ng	1277580	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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ALS Vial : 8 Sample Multiplier: 1

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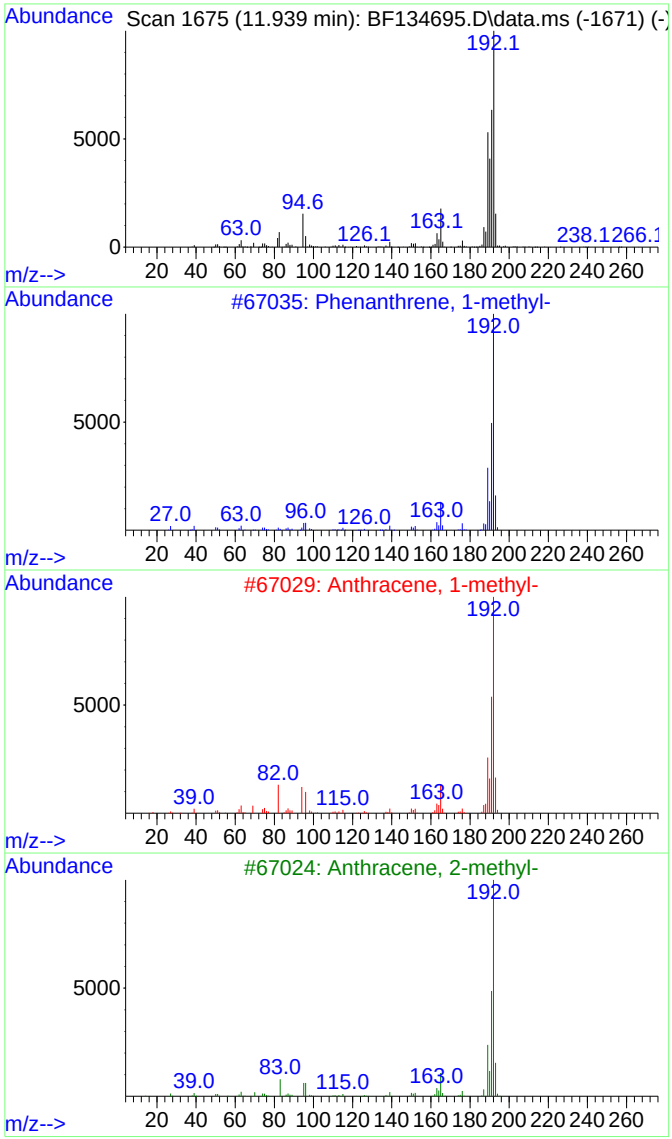
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

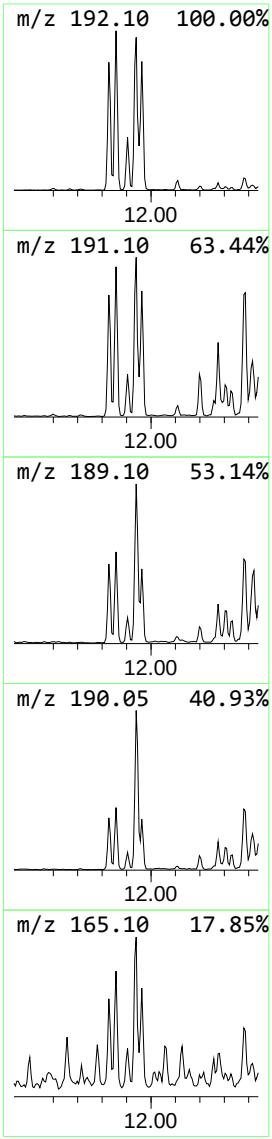
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	17.24 ng	1154130	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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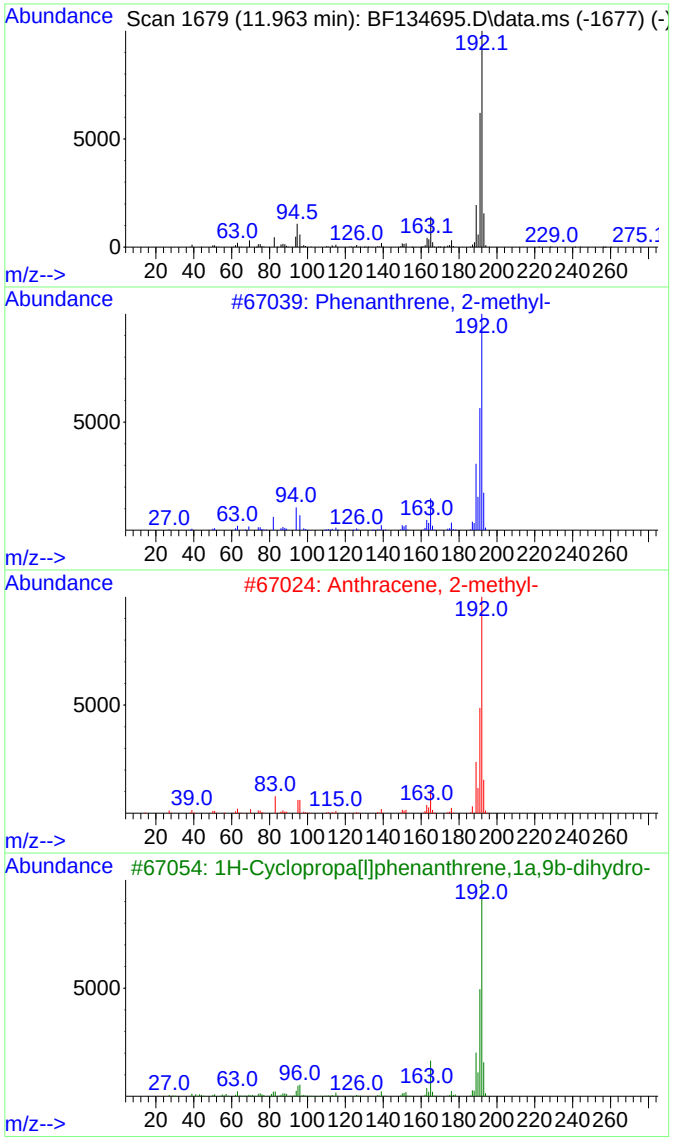
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

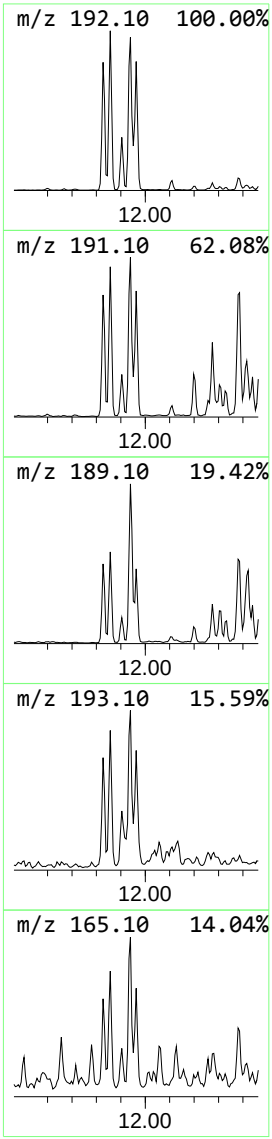
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	9.68 ng	648421	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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Data File : BF134695.D
Acq On : 09 Aug 2023 17:56
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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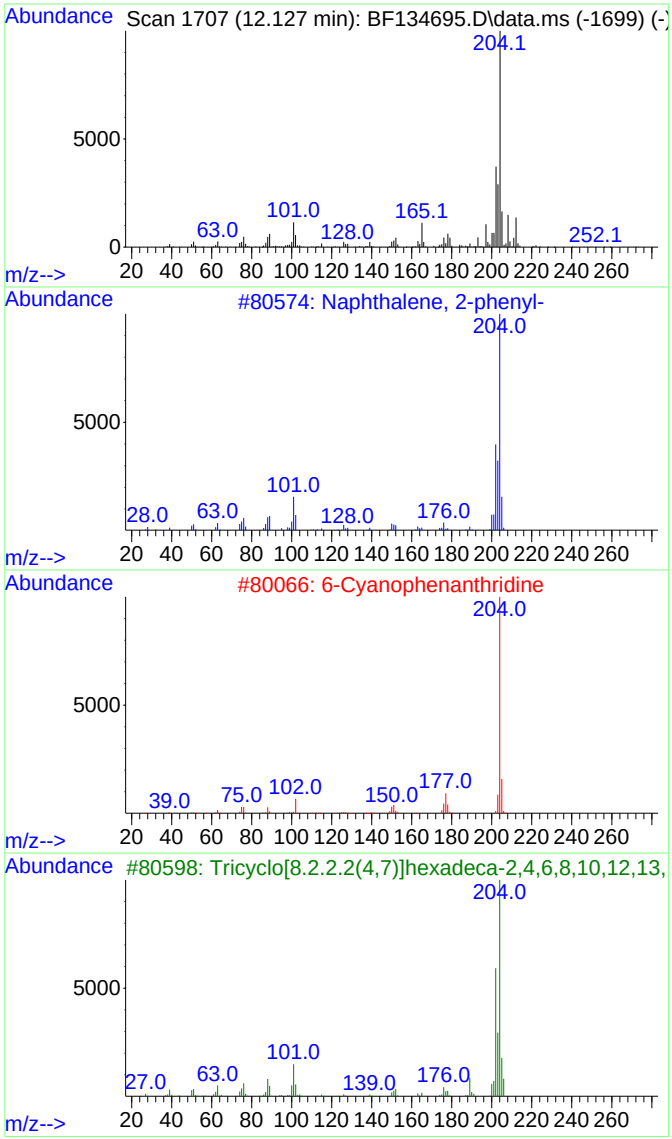
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

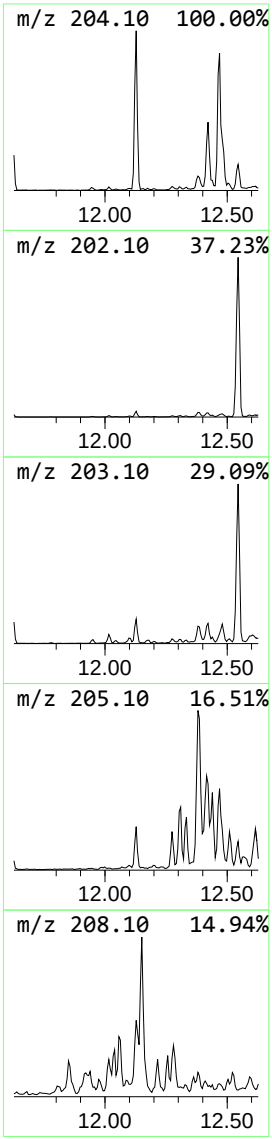
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	9.41 ng	629992	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43





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Acq On : 09 Aug 2023 17:56
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

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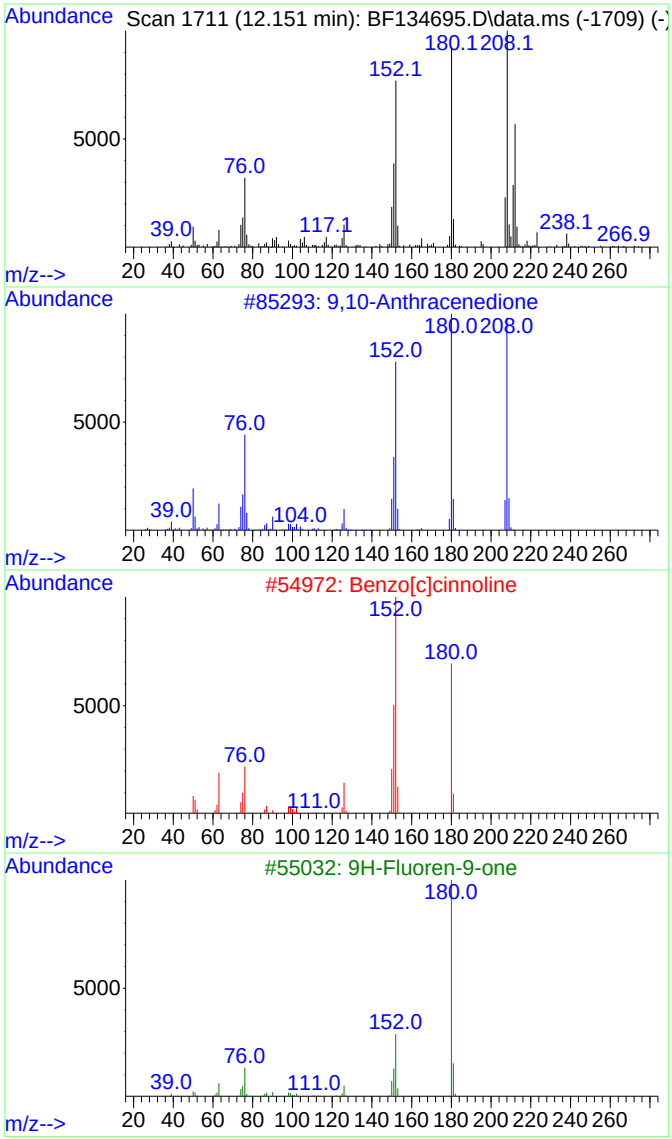
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

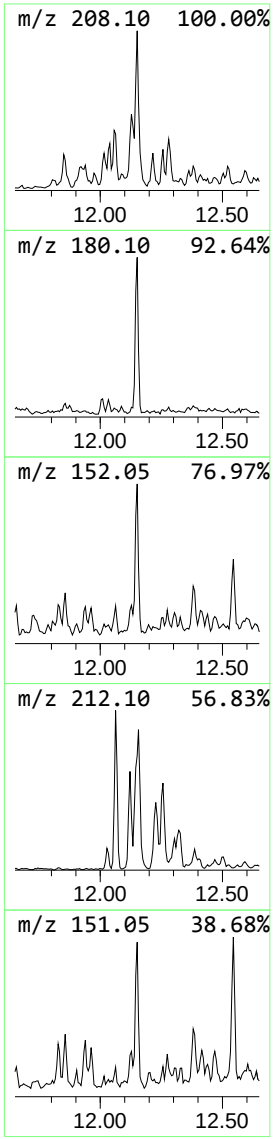
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	5.50 ng	368548	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	41





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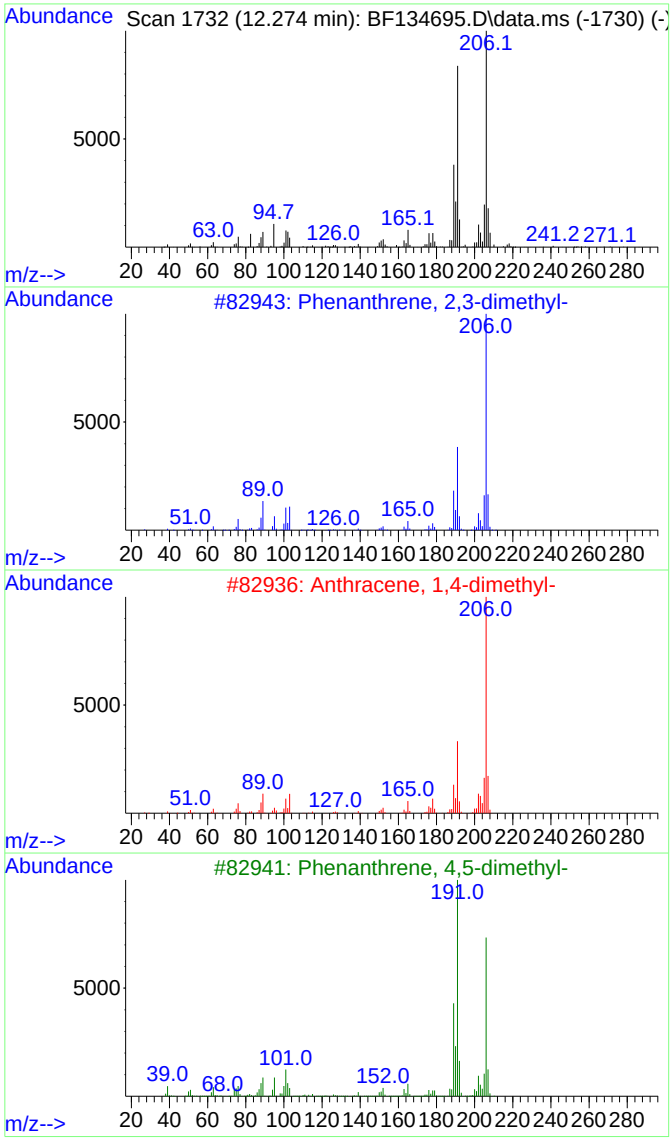
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

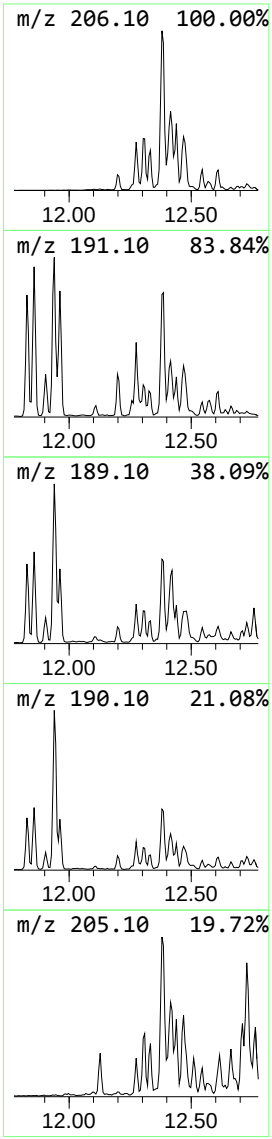
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	4.19 ng	280836	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	76





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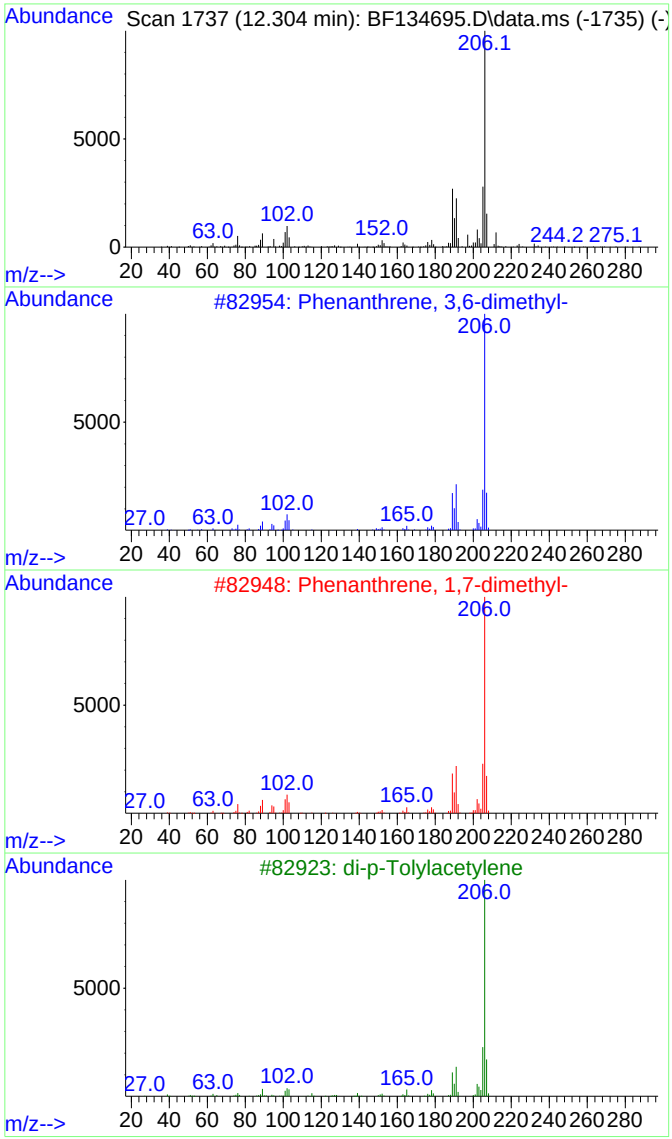
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

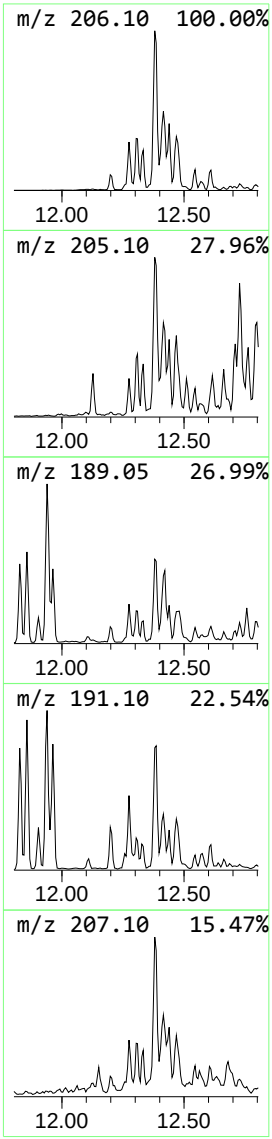
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.04 ng	270282	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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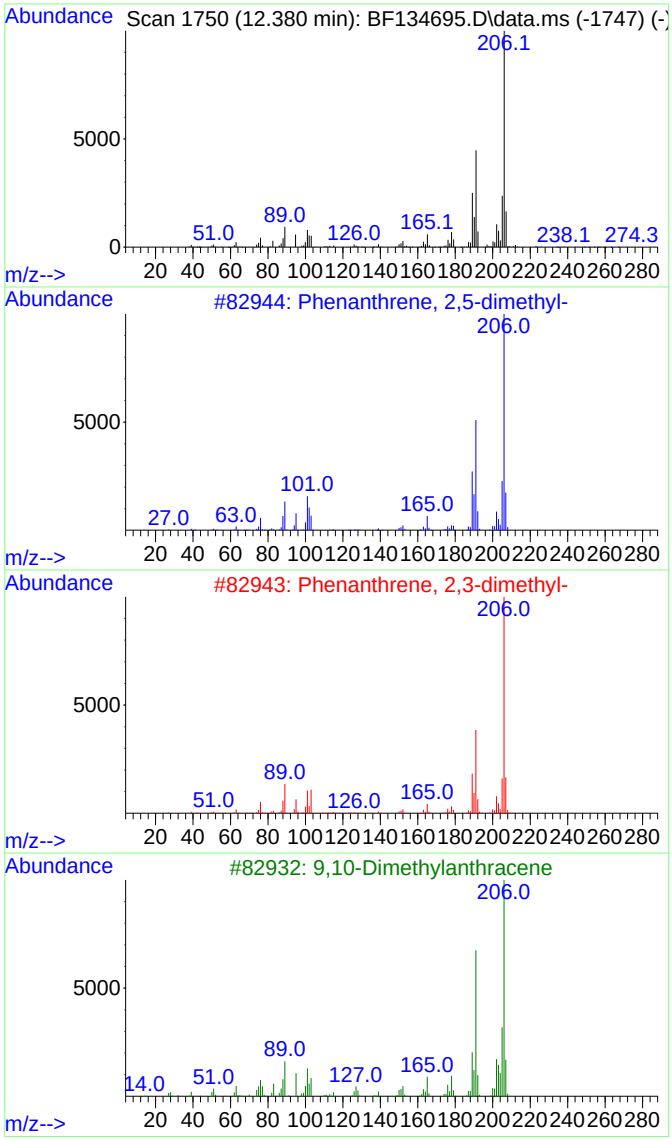
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

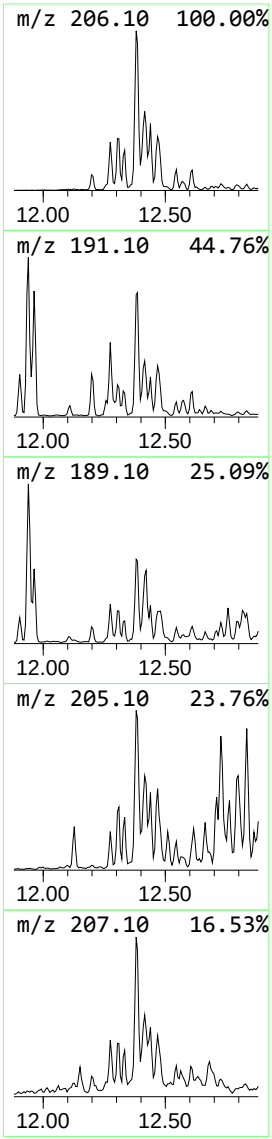
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	19.08 ng	1277500	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
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	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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ALS Vial : 8 Sample Multiplier: 1

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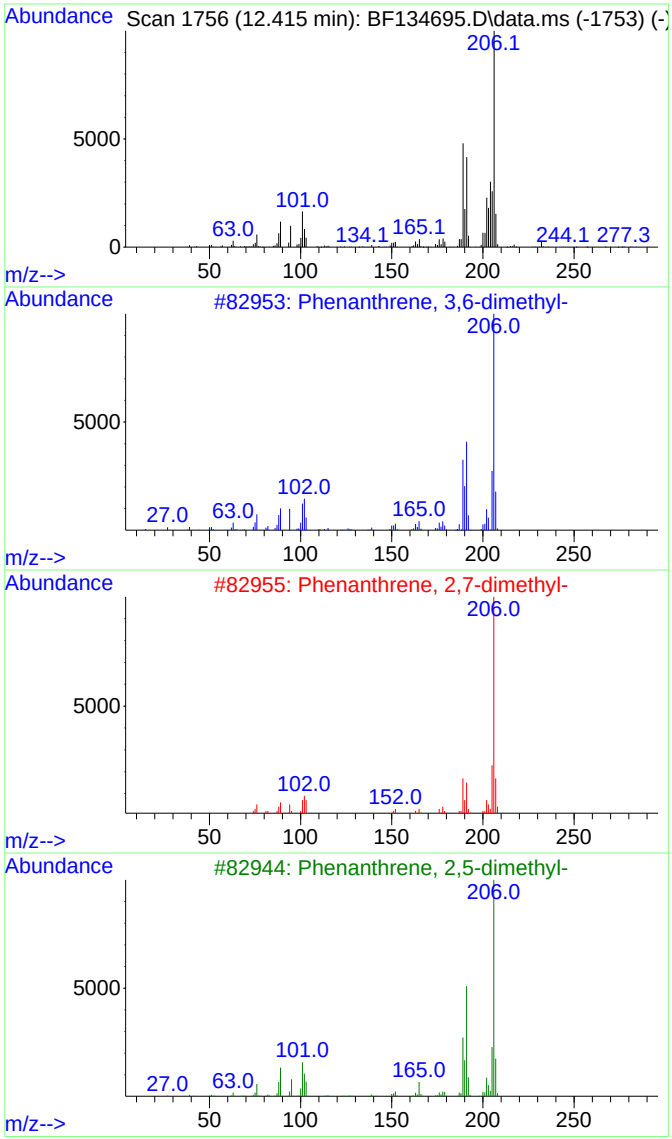
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

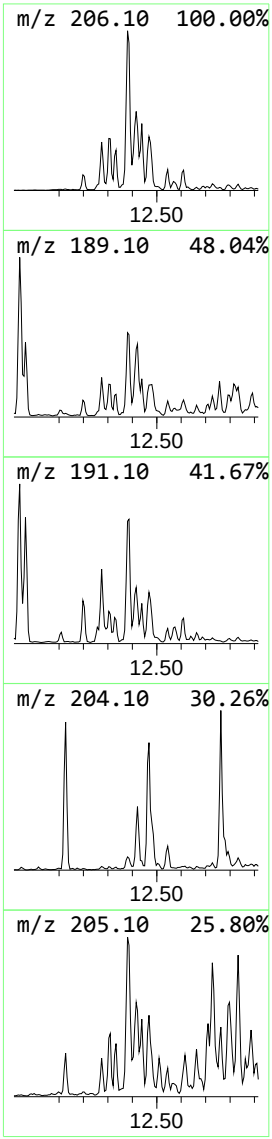
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	9.26 ng	620225	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60





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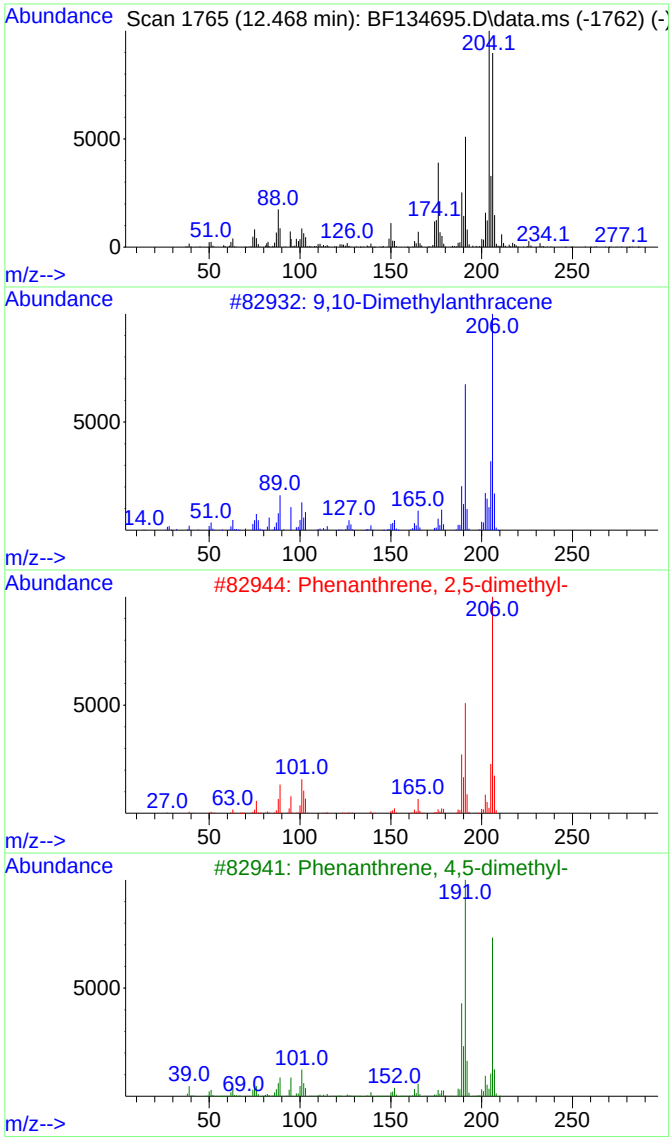
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

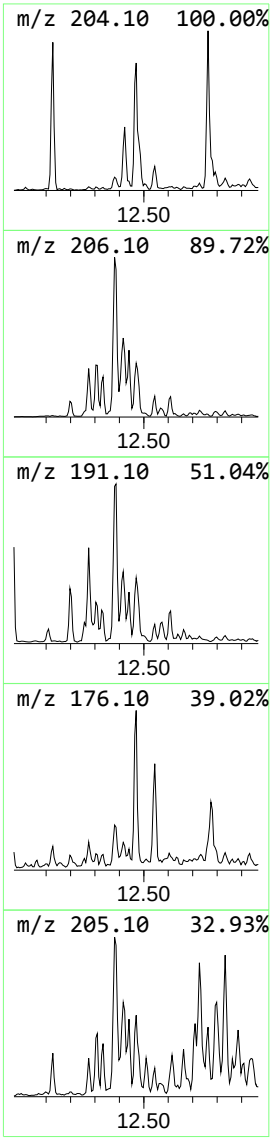
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	12.33 ng	825424	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70





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

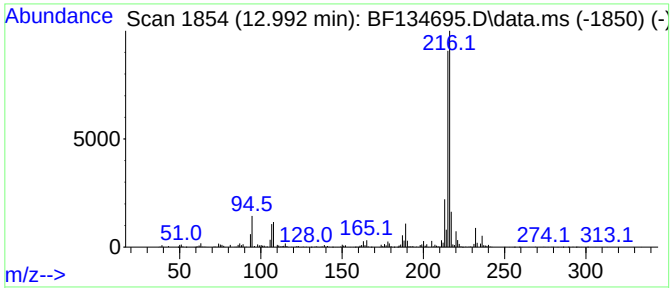
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

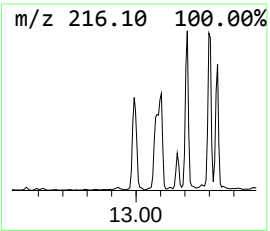
****

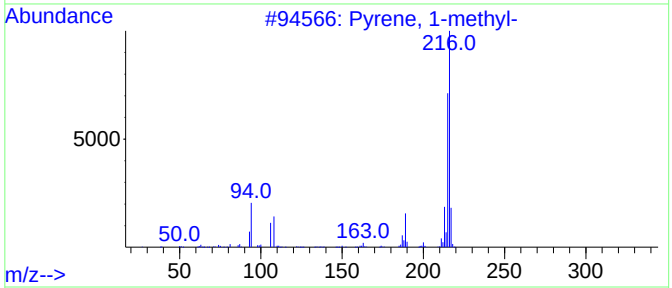
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 14

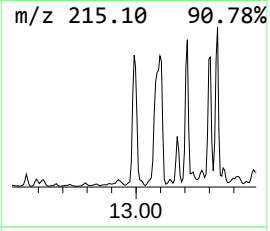
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	5.41 ng	1118200	Chrysene-d12	13.980

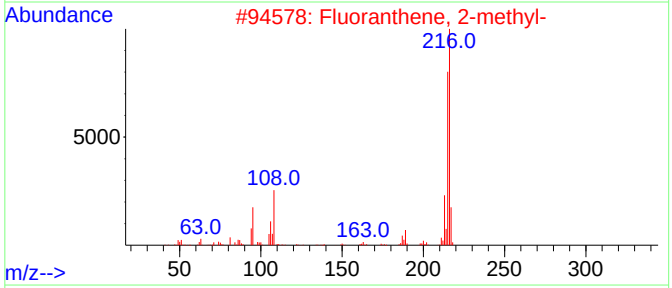
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83

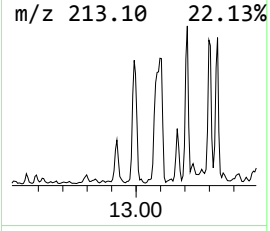


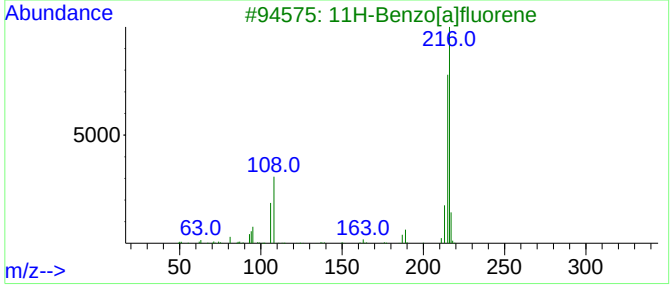


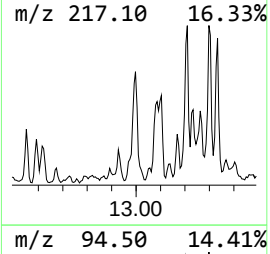


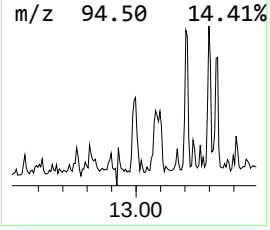












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Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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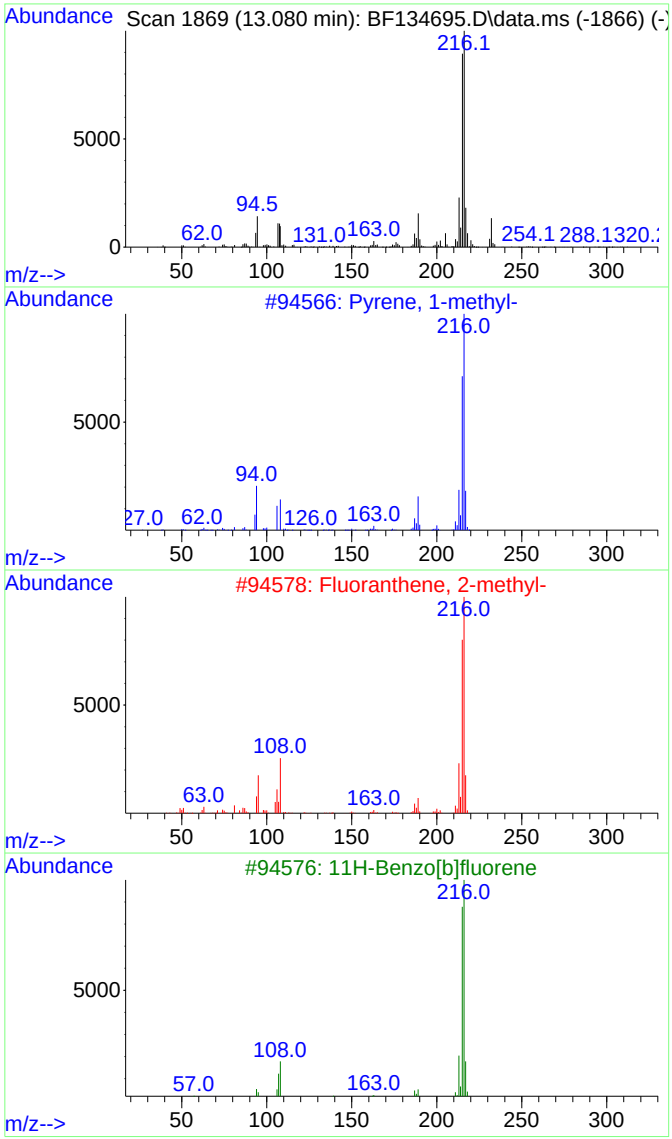
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

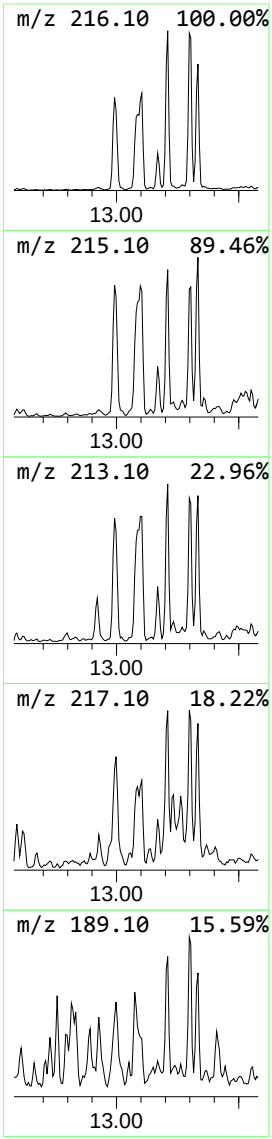
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	4.11 ng	850089	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	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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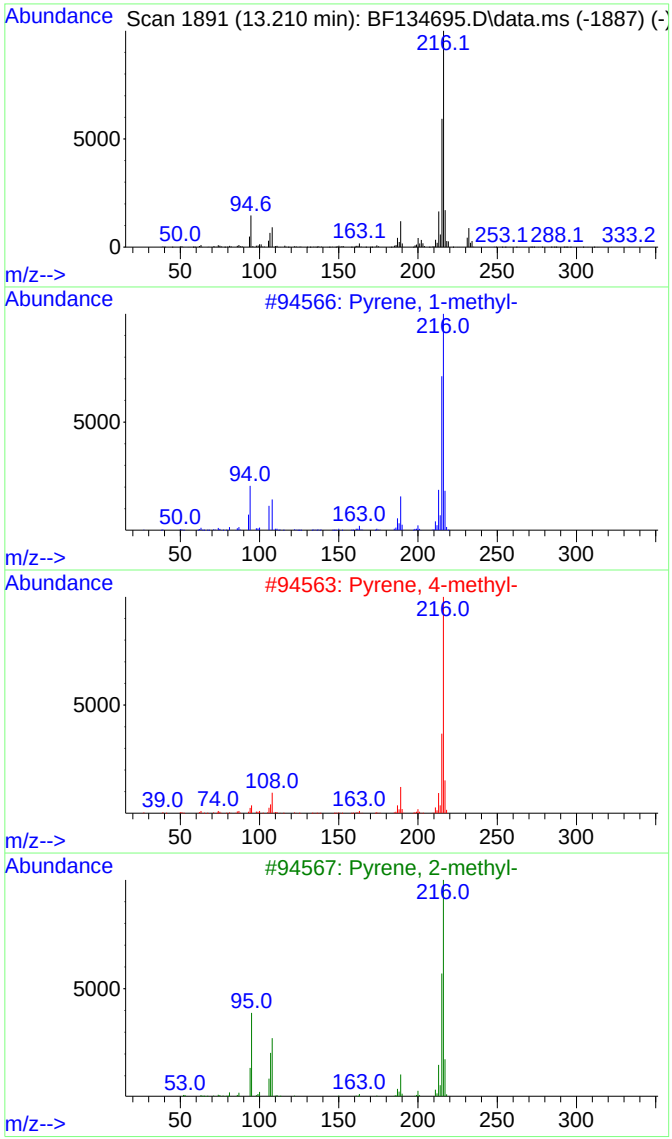
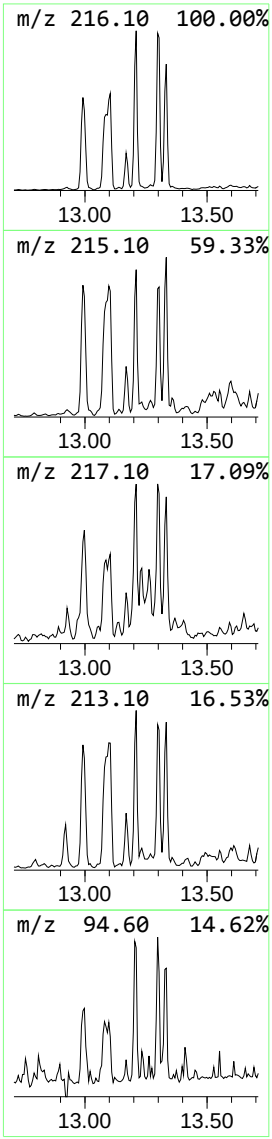
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	5.28 ng	1091810	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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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TIC Library : C:\Database\NIST20.L
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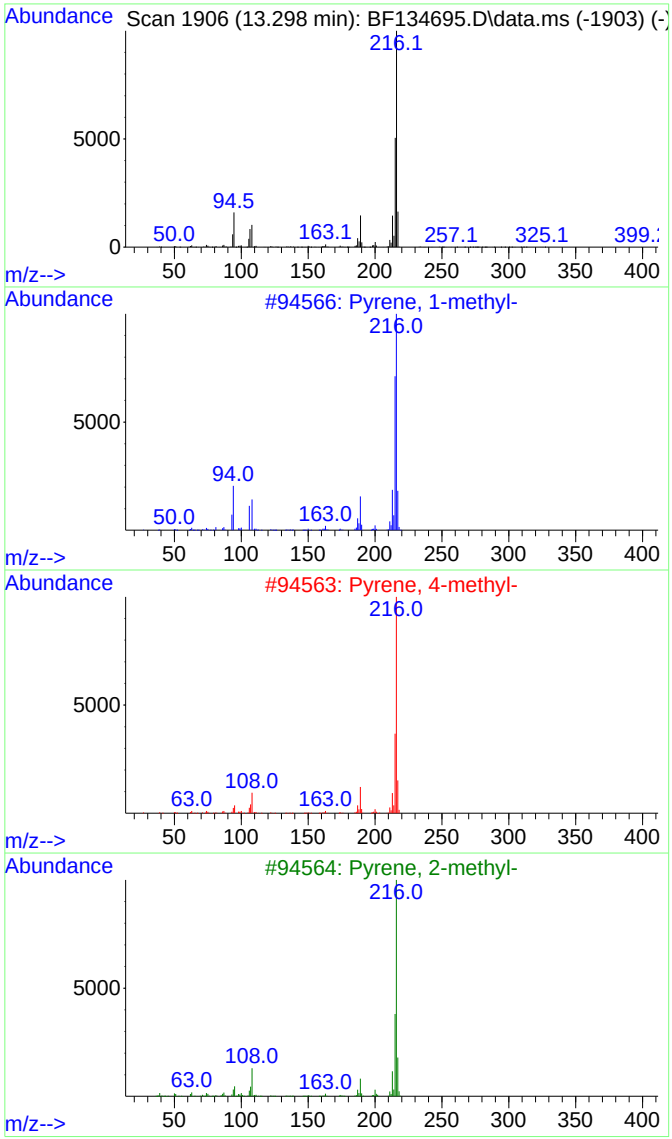
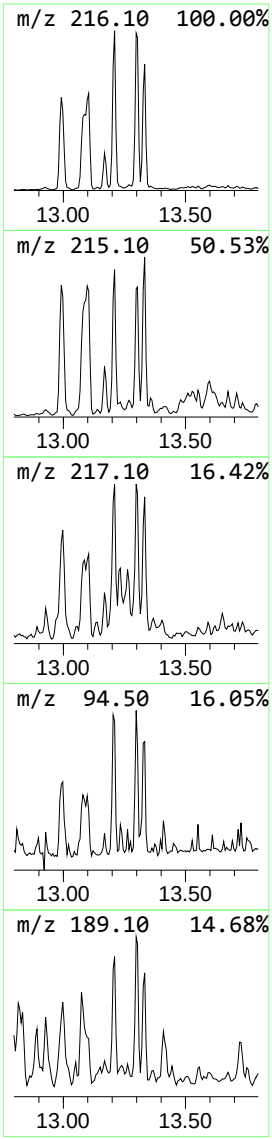
****
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	4.38 ng	905199	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Acq On : 09 Aug 2023 17:56
Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

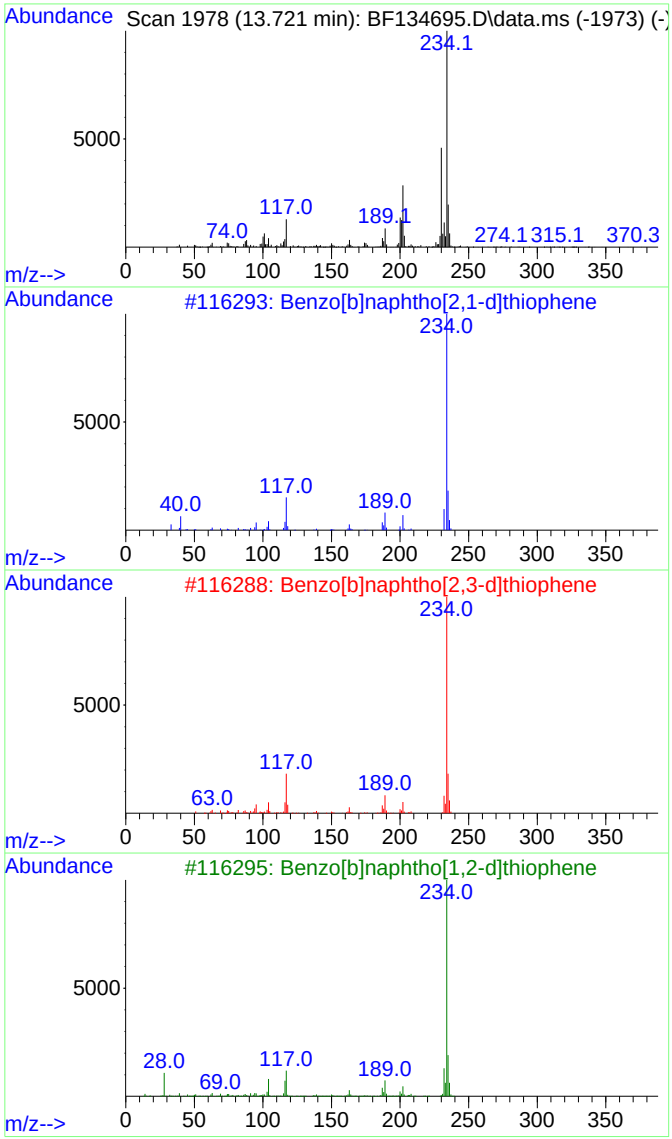
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

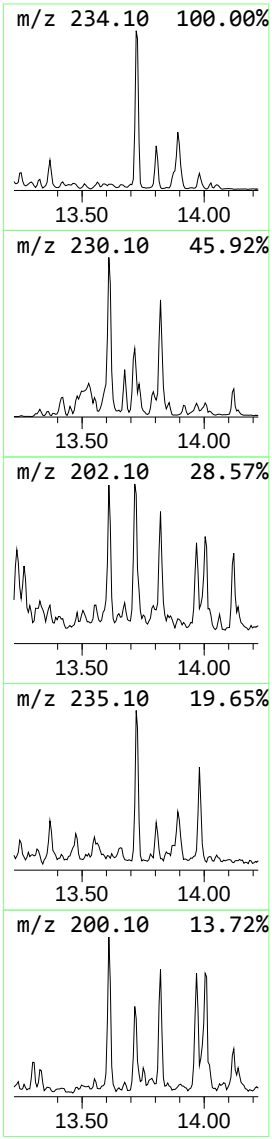
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	4.71 ng	972644	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4	Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	43
5	7,8-Dimethoxy-5-nitroisoquinoline	234	C11H10N2O4	1000213-88-3	38





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Acq On : 09 Aug 2023 17:56
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Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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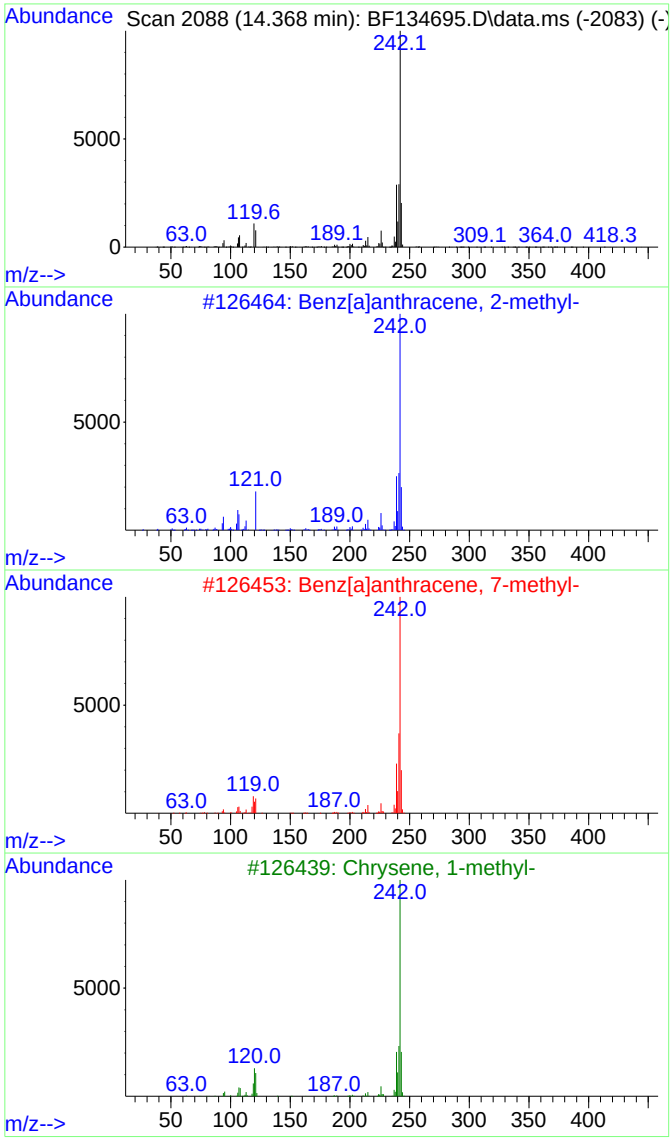
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

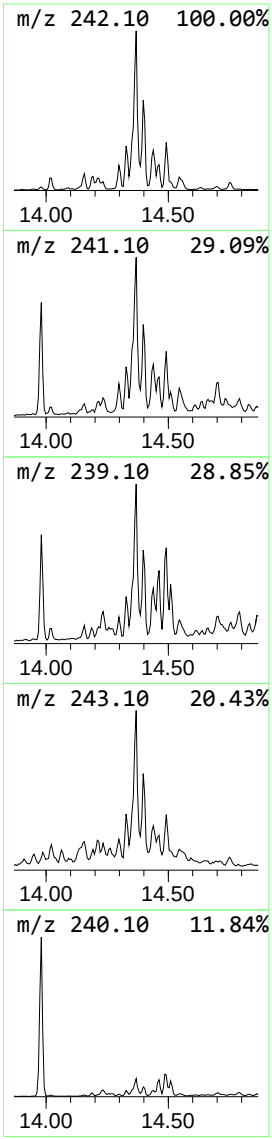
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.368	6.26 ng	1293050	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





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Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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

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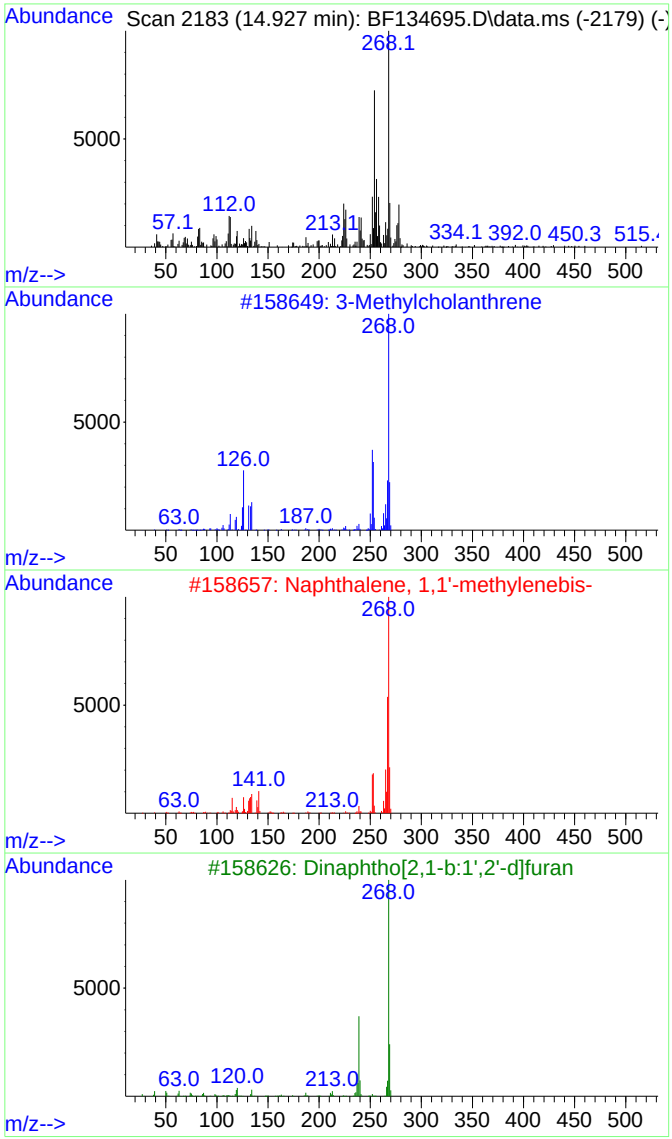
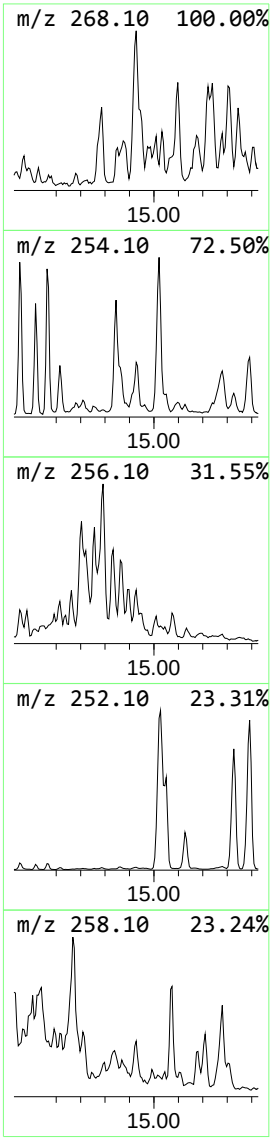
Peak Number 18 3-Methylcholanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	10.53 ng	481930	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	53
2	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	43
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	42
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	38
5	[1-Cyano-4,5-dihydronaphtho[2,1-...	268	C14H12N4S	037071-33-3	38





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Operator : CG\JU
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ALS Vial : 8 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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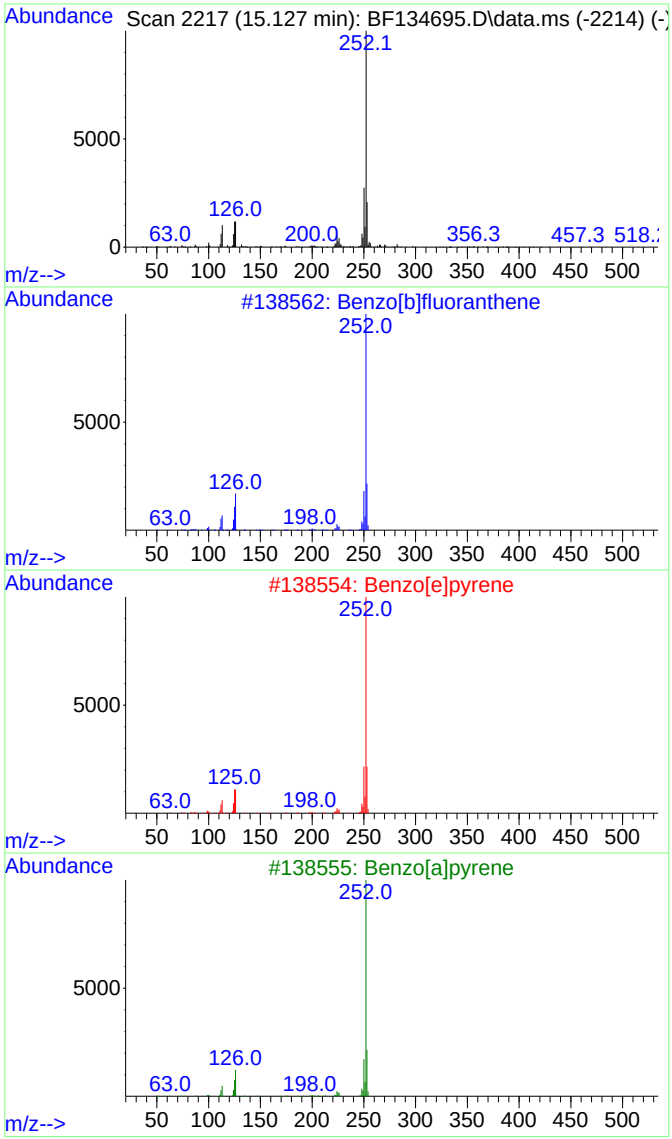
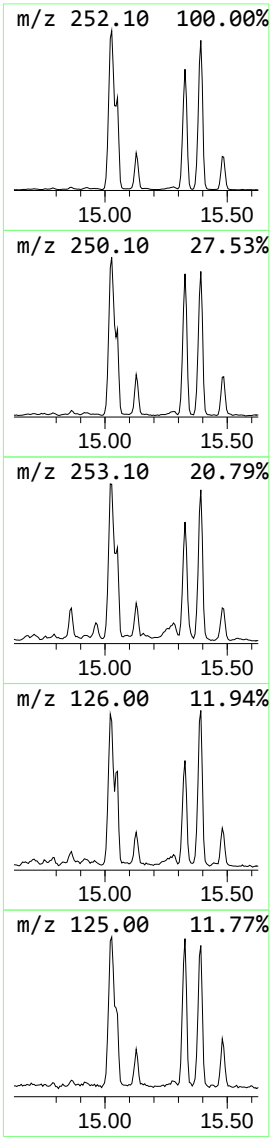
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	8.44 ng	386628	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	87





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Data File : BF134695.D
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Operator : CG\JU
Sample : 03943-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-PP21A

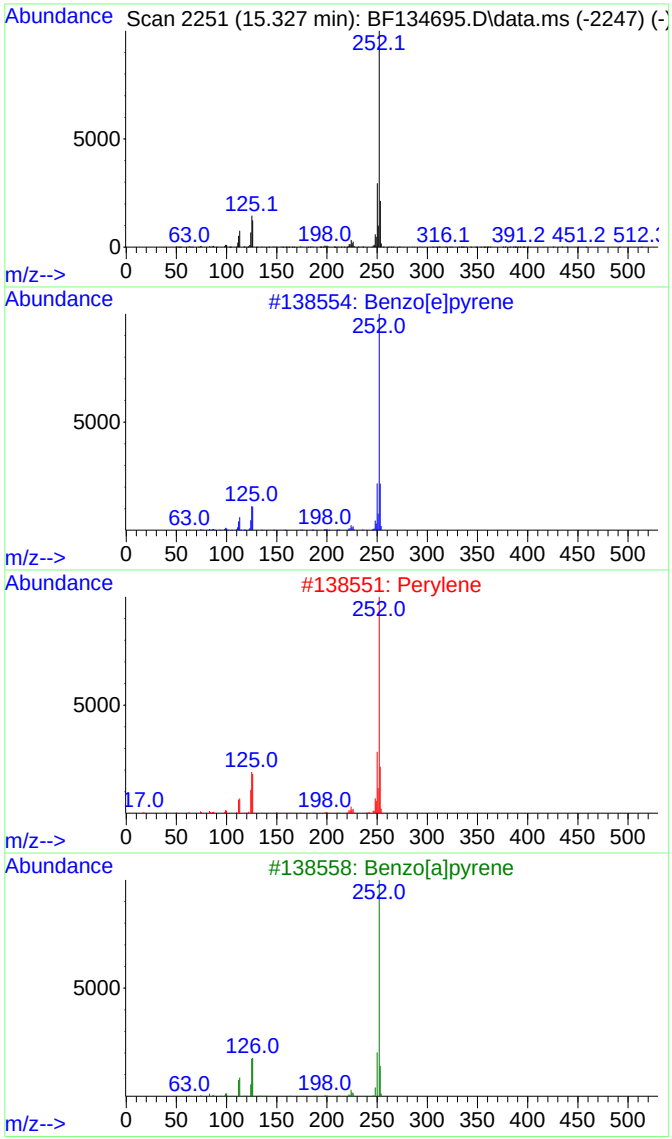
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

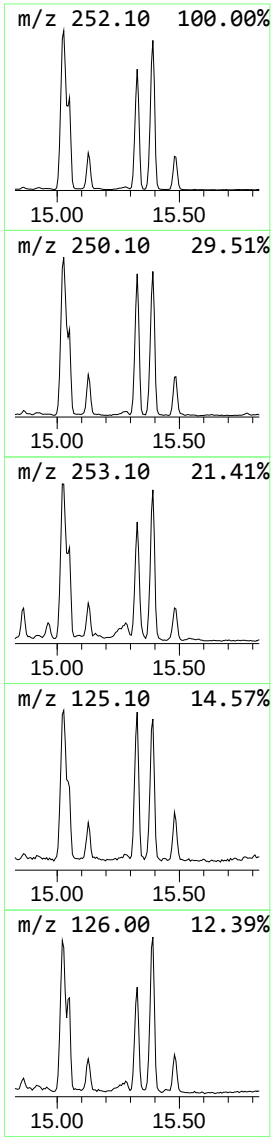
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	30.49 ng	1396000	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BF134695.D
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Operator : CG\JU
Sample : 03943-01
Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.827	11.4	ng	759998	4	11.322	1339030	20.0
Anthracene, 2-m...	11.857	19.1	ng	1277580	4	11.322	1339030	20.0
Anthracene, 1-m...	11.939	17.2	ng	1154130	4	11.322	1339030	20.0
1H-Cyclopropa[l...	11.963	9.7	ng	648421	4	11.322	1339030	20.0
Naphthalene, 2-...	12.127	9.4	ng	629992	4	11.322	1339030	20.0
9,10-Anthracene...	12.151	5.5	ng	368548	4	11.322	1339030	20.0
Phenanthrene, 2...	12.274	4.2	ng	280836	4	11.322	1339030	20.0
Phenanthrene, 3...	12.304	4.0	ng	270282	4	11.322	1339030	20.0
Phenanthrene, 2...	12.380	19.1	ng	1277500	4	11.322	1339030	20.0
Phenanthrene, 2...	12.416	9.3	ng	620225	4	11.322	1339030	20.0
9,10-Dimethylan...	12.468	12.3	ng	825424	4	11.322	1339030	20.0
Pyrene, 1-methyl-	12.992	5.4	ng	1118200	5	13.980	4131960	20.0
Fluoranthene, 2...	13.080	4.1	ng	850089	5	13.980	4131960	20.0
Pyrene, 4-methyl-	13.210	5.3	ng	1091810	5	13.980	4131960	20.0
Pyrene, 2-methyl-	13.298	4.4	ng	905199	5	13.980	4131960	20.0
Benzo[b]naphtho...	13.721	4.7	ng	972644	5	13.980	4131960	20.0
Benz[a]anthrace...	14.368	6.3	ng	1293050	5	13.980	4131960	20.0
3-Methylcholant...	14.927	10.5	ng	481930	6	15.451	915718	20.0
Benzo[e]pyrene	15.127	8.4	ng	386628	6	15.451	915718	20.0
Perylene	15.327	30.5	ng	1396000	6	15.451	915718	20.0