LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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: BF134740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	563	568	571	rBV	1914872	1702258	47.70%	3.144%
2	6.428	734	738	751	rBV	1697515	1640464	45.96%	3.030%
3	6.798	797	801	804	rBV	1358669	1045221	29.29%	1.931%
4	7.357	892	896	899	rBV	1288968	1027978	28.80%	1.899%
5	8.075	1013	1018	1021	rBV	1453329	1304408	36.55%	2.409%
6	8.786	1137	1139	1143	rVB	83208	75903	2.13%	0.140%
7	8.886	1153	1156	1160	rVB	141692	117781	3.30%	0.218%
8	9.151	1197	1201	1211	rBV	2240372	1862299	52.18%	3.440%
9	9.275	1218	1222	1225	rVB	607764	496992	13.93%	0.918%
10	9.422	1242	1247	1250	rVB2	63563	82613	2.31%	0.153%
11	9.492	1255	1259	1261	rVV	170254	163288	4.58%	0.302%
12	9.516	1261	1263	1266	rVV	97637	80472	2.25%	0.149%
13	9.557	1266	1270	1276	rVV	106964	102066	2.86%	0.189%
14	9.610	1276	1279	1284	rVB	74861	93484	2.62%	0.173%
15	9.692	1289	1293	1297	rBV	541309	435873	12.21%	0.805%
16	9.833	1311	1317	1320	rBV	1500029	1266183	35.48%	2.339%
17	9.863	1320	1322	1326	rVB	102823	93326	2.61%	0.172%
18	10.033	1347	1351	1355	rVV	125883	124458	3.49%	0.230%
19	10.145	1366	1370	1373	rBV2	108875	133110	3.73%	0.246%
20	10.239	1382	1386	1388	rBV2	74338	100576	2.82%	0.186%
21	10.380	1407	1410	1416	rVB2	172112	215309	6.03%	0.398%
22	10.539	1433	1437	1440	rBV2	66744	73500	2.06%	0.136%
23	10.622	1446	1451	1455	rBV	1242467	1078717	30.22%	1.993%
24	10.745	1469	1472	1477	rVB3	141197	146527	4.11%	0.271%
25	10.927	1496	1503	1506	rBV5	127149	183479	5.14%	0.339%
26	10.957	1506	1508	1511	rVV	105881	91126	2.55%	0.168%
27	11.080	1527	1529	1531	rVV2	103227	93195	2.61%	0.172%
28	11.127	1534	1537	1541	rVV2	156116	156845	4.39%	0.290%
29	11.169	1541	1544	1547	rVV	66604	83810	2.35%	0.155%
30	11.216	1550	1552	1558	rVB	152246	146928	4.12%	0.271%
31	11.322	1566	1570	1572	rBV	1322316	1151665	32.27%	2.127%
32	11.345	1572	1574	1578	rVV	1924011	1678521	47.03%	3.100%
33	11.398	1580	1583	1586	rVB	422509	334433	9.37%	0.618%
34	11.427	1586	1588	1592	rBV2	106771	127099	3.56%	0.235%
35	11.557	1603	1610	1612	rBV2	109922	148899	4.17%	0.275%
36	11.622	1619	1621	1623	rVV	115845	79421	2.23%	0.147%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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	11.657	1623	1627	1631	rVB	198198	204911	5.74%	0.378%
38	11.739	1638	1641	1645	rVB	112253	123504	3.46%	0.228%
39	11.780	1645	1648	1650	rBV	87605	74345	2.08%	0.137%
40	11.827	1652	1656	1658	rVV	687080	606751	17.00%	1.121%
41	11.857	1658	1661	1665	rVV	1060492	911914	25.55%	1.684%
42	11.898	1665	1668	1671	rVV2	201388	181849	5.10%	0.336%
43	11.933	1671	1674	1677	rVV2	835533	895735	25.10%	1.655%
44	11.963	1677	1679	1684	rVB	555792	457661	12.82%	0.845%
45	12.010	1684	1687	1689	rBV2	68003	77062	2.16%	0.142%
46	12.057	1693	1695	1698	rVB2	129665	109695	3.07%	0.203%
47	12.121	1704	1706	1708	rVV2	338543	303241	8.50%	0.560%
48	12.145	1708	1710	1717	rVB2	340612	365501	10.24%	0.675%
49	12.251	1726	1728	1730	rBV	102267	99724	2.79%	0.184%
50	12.274	1730	1732	1735	rVV2	212211	203203	5.69%	0.375%
51	12.304	1735	1737	1739	rVV	279835	226622	6.35%	0.419%
52	12.327	1739	1741	1744	rVB	214617	161806	4.53%	0.299%
53	12.380	1744	1750	1753	rBV	687323	792497	22.21%	1.464%
54	12.416	1753	1756	1758	rVV2	396712	470830	13.19%	0.870%
55	12.433	1758	1759	1762	rVV	252037	178199	4.99%	0.329%
56	12.463	1762	1764	1769	rVV2	422804	474578	13.30%	0.877%
57	12.545	1773	1778	1781	rVV	3446349	3050871	85.48%	5.635%
58	12.586	1781	1785	1787	rVV2	172550	206657	5.79%	0.382%
59	12.633	1791	1793	1797	rVV	294376	302037	8.46%	0.558%
60	12.674	1797	1800	1801	rVV2	160511	152426	4.27%	0.282%
61	12.692	1801	1803	1807	rVV3	155915	212665	5.96%	0.393%
62	12.774	1811	1817	1820	rVV	3384278	3568976	100.00%	6.592%
63	12.827	1822	1826	1830	rVB3	226196	319307	8.95%	0.590%
64	12.886	1833	1836	1838	rBV2	217766	220924	6.19%	0.408%
65	12.916	1838	1841	1848	rVB	2007403	1909643	53.51%	3.527%
66	12.992	1849	1854	1857	rBV2	440652	647712	18.15%	1.196%
67	13.045	1861	1863	1865	rBV2	122765	106785	2.99%	0.197%
68	13.074	1865	1868	1870	rBV2	356195	450726	12.63%	0.833%
69	13.098	1870	1872	1875	rVB	667394	579077	16.23%	1.070%
70	13.168	1875	1884	1886	rBV2	389167	582113	16.31%	1.075%
71	13.204	1886	1890	1894	rVV2	683531	672397	18.84%	1.242%
72	13.268	1897	1901	1903	rBV3	115651	155721	4.36%	0.288%
73	13.298	1903	1906	1908	rVB	462141	384137	10.76%	0.710%
74	13.327	1908	1911	1914	rBV	467573	391753	10.98%	0.724%
75	13.610	1956	1959	1964	rVB	401524	463840	13.00%	0.857%
76	13.668	1967	1969	1972	rVB	124070	107650	3.02%	0.199%

LSC Area Percent Report

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Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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	13.716	1973	1977	1981	rBV3	389080	605593	16.97%	1.119%
78	13.751	1981	1983	1985	rVV	274242	206576	5.79%	0.382%
79	13.774	1985	1987	1991	rVV2	180408	213726	5.99%	0.395%
80	13.815	1992	1994	1999	rVB2	307781	381822	10.70%	0.705%
81	13.968	2016	2020	2023	rBV2	1973391	2722752	76.29%	5.029%
82	14.004	2023	2026	2031	rVB	1537210	1586294	44.45%	2.930%
83	14.057	2033	2035	2037	rBV2	101712	98256	2.75%	0.181%
84	14.080	2037	2039	2041	rVB	134466	94806	2.66%	0.175%
85	14.115	2043	2045	2047	rBV	131589	113912	3.19%	0.210%
86	14.257	2067	2069	2072	rVB2	165623	158440	4.44%	0.293%
87	14.298	2074	2076	2078	rVV2	150879	165154	4.63%	0.305%
88	14.363	2082	2087	2090	rVB2	499520	601921	16.87%	1.112%
89	14.398	2090	2093	2096	rVB	305894	306948	8.60%	0.567%
90	14.451	2099	2102	2105	rVV2	322638	401748	11.26%	0.742%
91	14.486	2106	2108	2110	rVB	187294	138399	3.88%	0.256%
92	14.615	2126	2130	2136	rBV	778653	1044810	29.27%	1.930%
93	15.015	2194	2198	2201	rBV	999027	1494929	41.89%	2.761%
94	15.121	2213	2216	2220	rVB	241346	248276	6.96%	0.459%
95	15.321	2246	2250	2256	rVB	616459	811033	22.72%	1.498%
96	15.386	2256	2261	2267	rVV	900884	1138933	31.91%	2.104%
97	15.445	2267	2271	2274	rVV	550145	693964	19.44%	1.282%
98	15.474	2274	2276	2284	rVB2	275707	444523	12.46%	0.821%
99	16.939	2519	2525	2534	rVB2	342933	702261	19.68%	1.297%
100	17.392	2596	2602	2614	rVB	285032	620453	17.38%	1.146%

Sum of corrected areas: 54138801

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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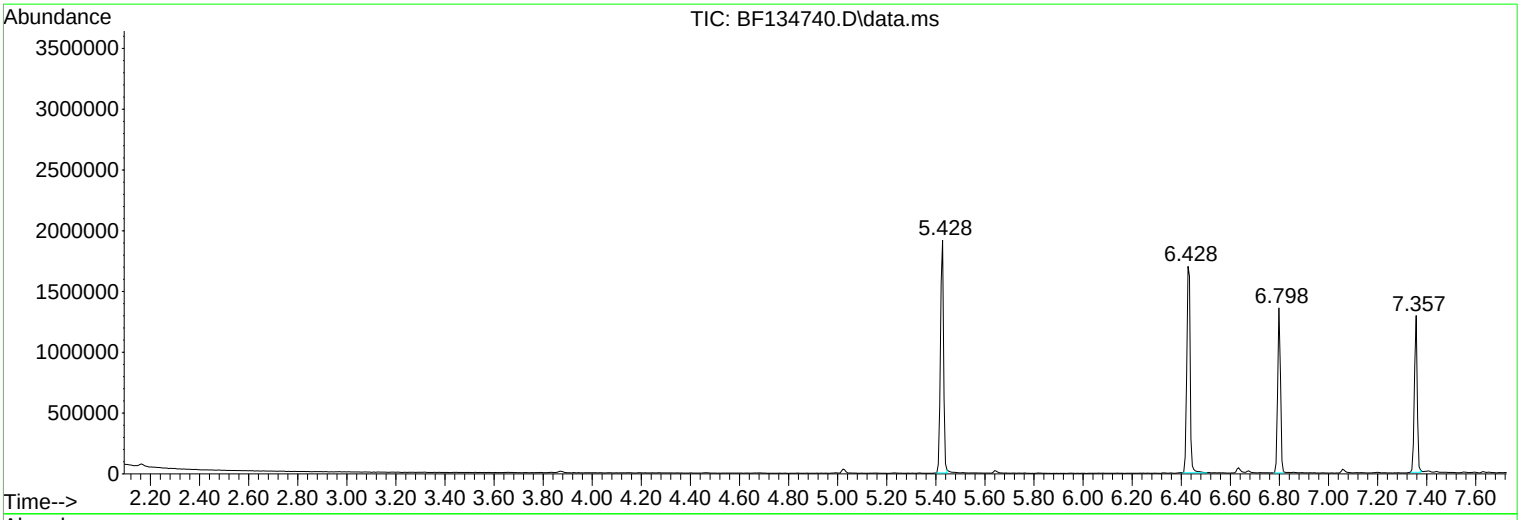
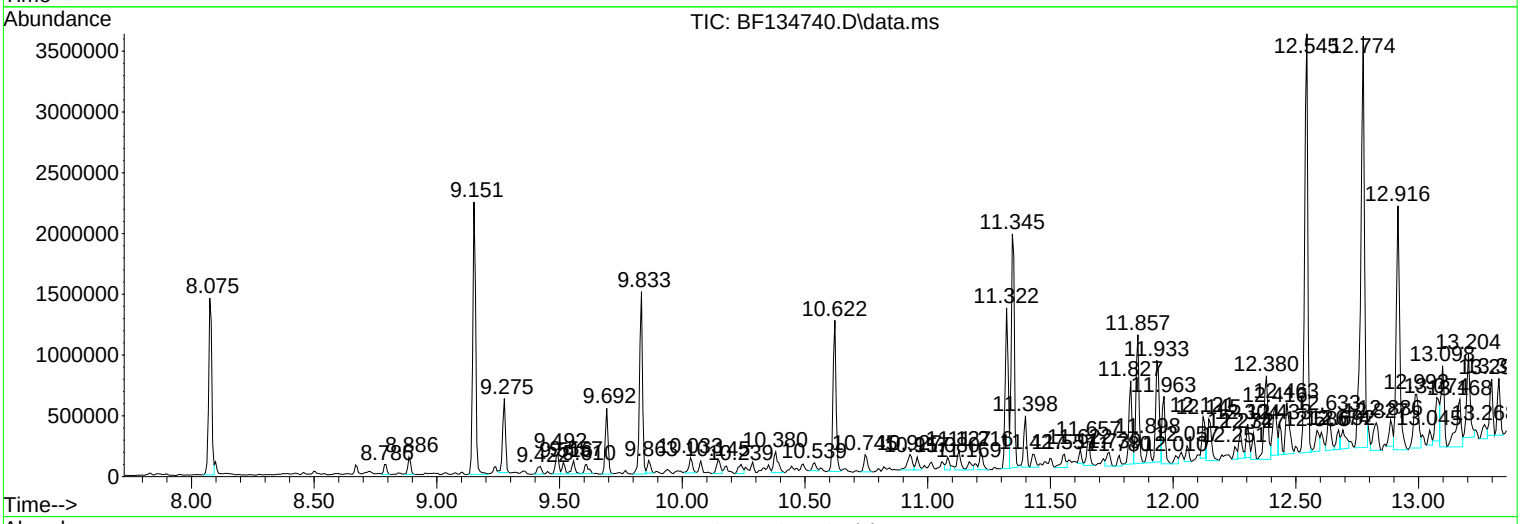
Misc :
ALS Vial : 12 Sample Multiplier: 1

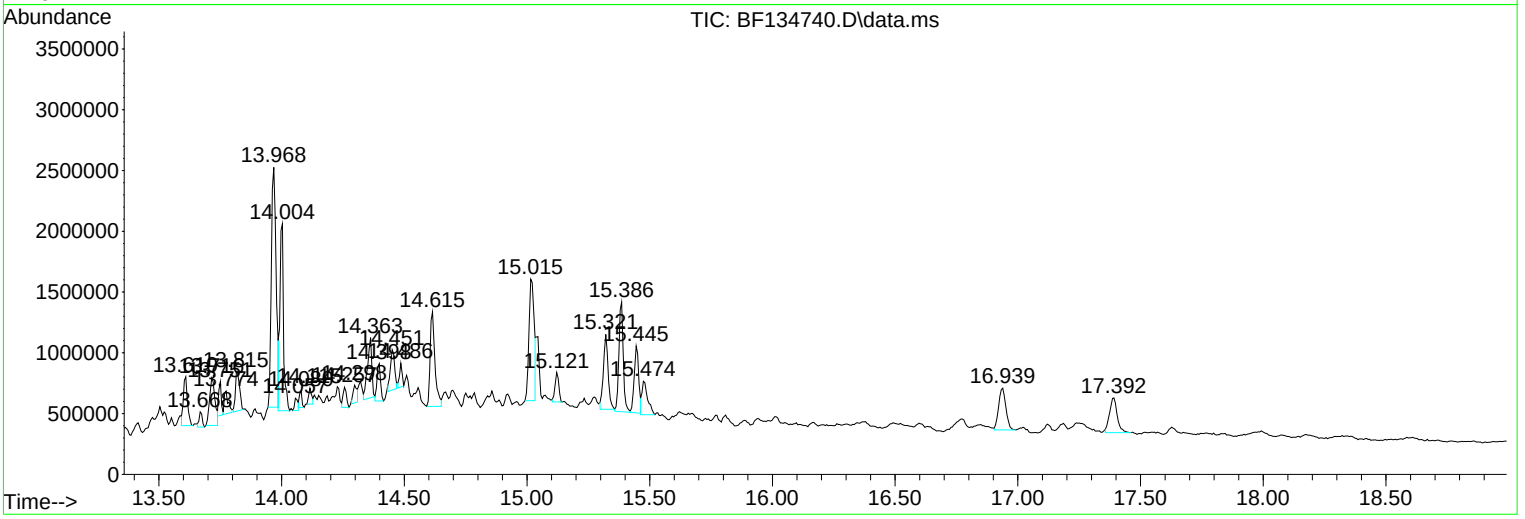
Instrument :
BNA_F
ClientSampleId :
ETGI-339

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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Acq On : 11 Aug 2023 19:14
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

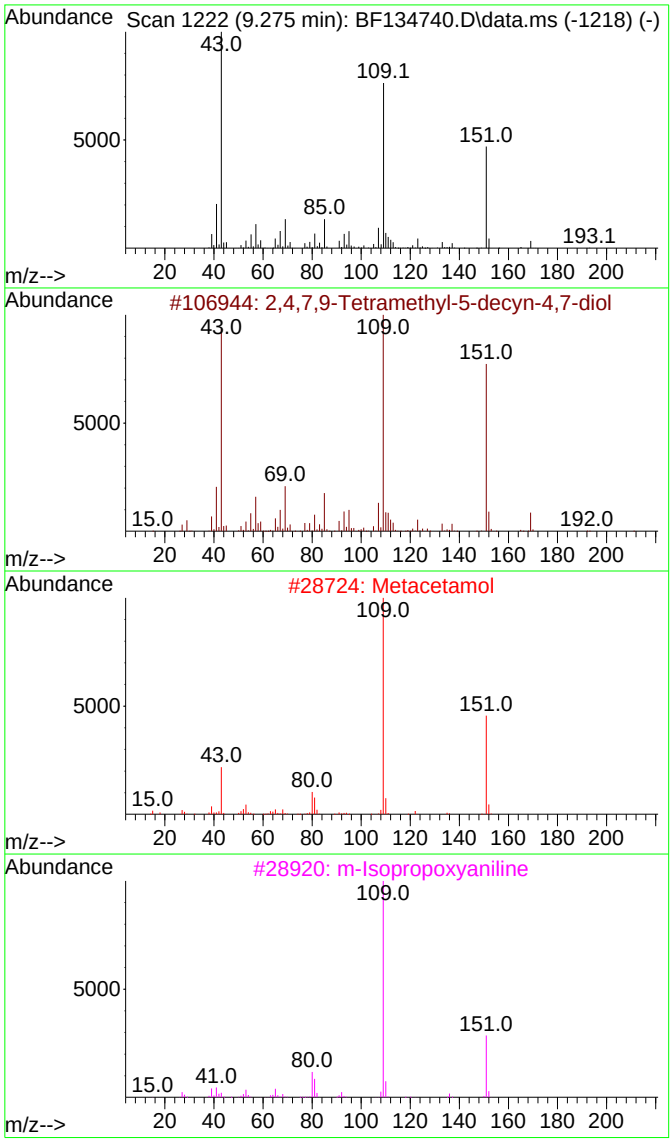
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

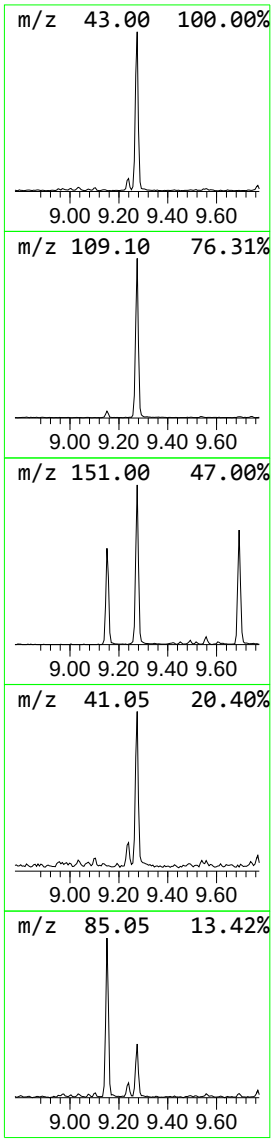
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	7.85 ng	496992	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	64
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	46
5	Acetaminophen	151	C8H9NO2	000103-90-2	45





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Instrument :
BNA_F
ClientSampleId :
ETGI-339

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

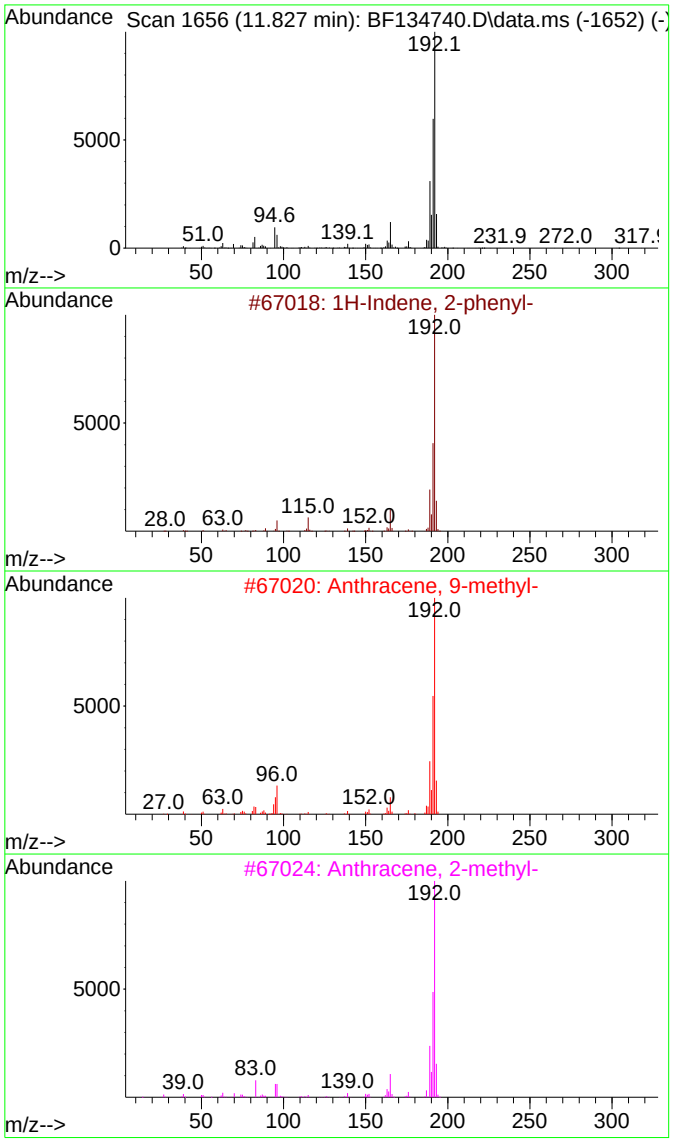
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

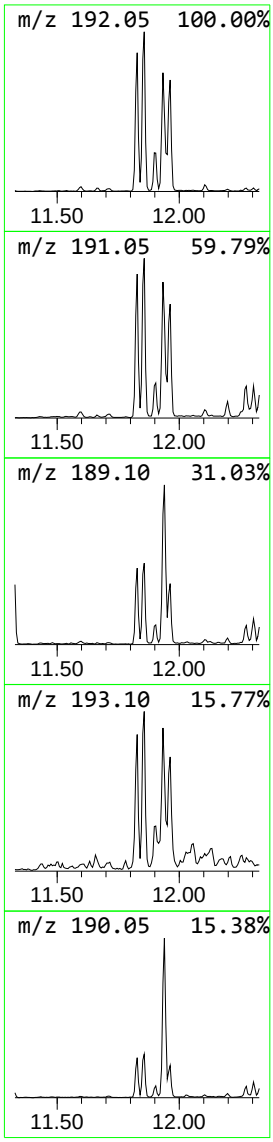
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	10.54 ng	606751	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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

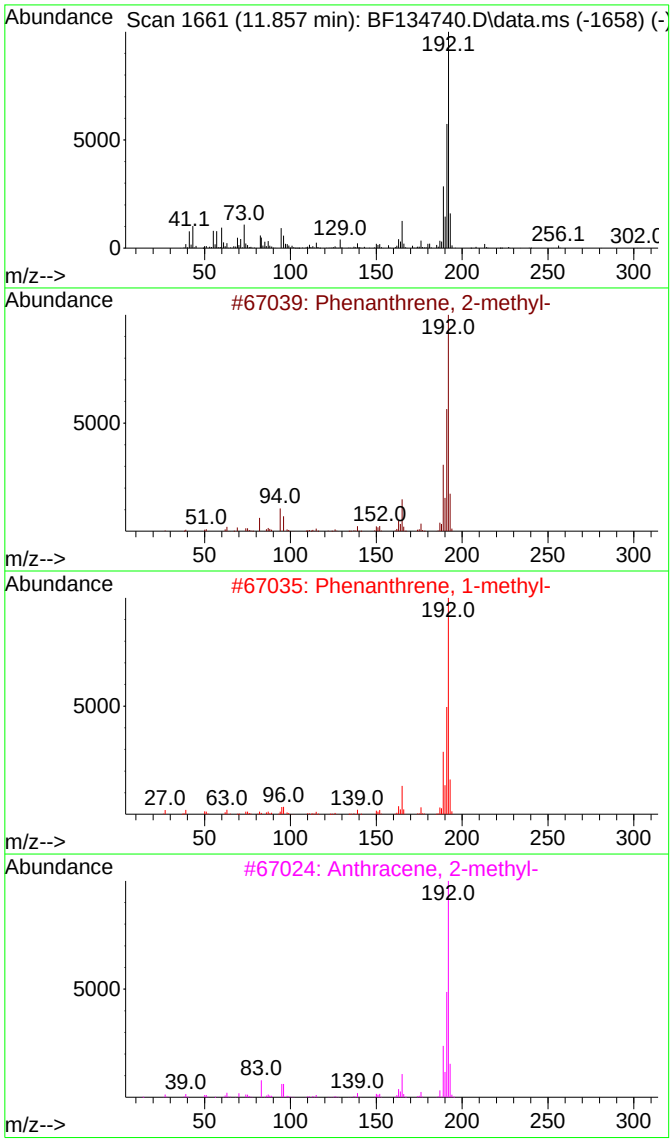
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

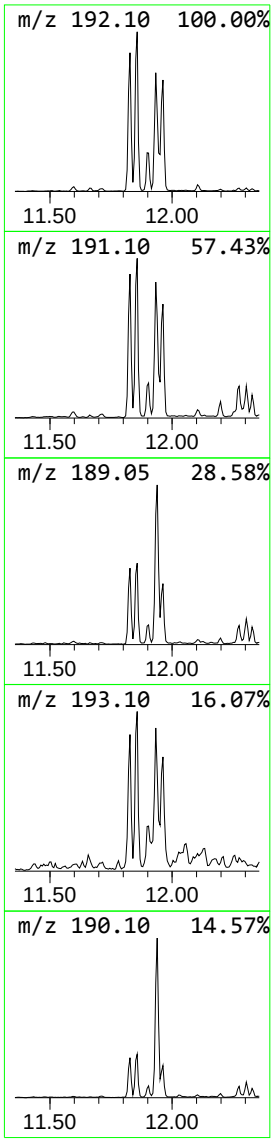
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	15.84 ng	911914	Phenanthrene-d10	11.322

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
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Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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

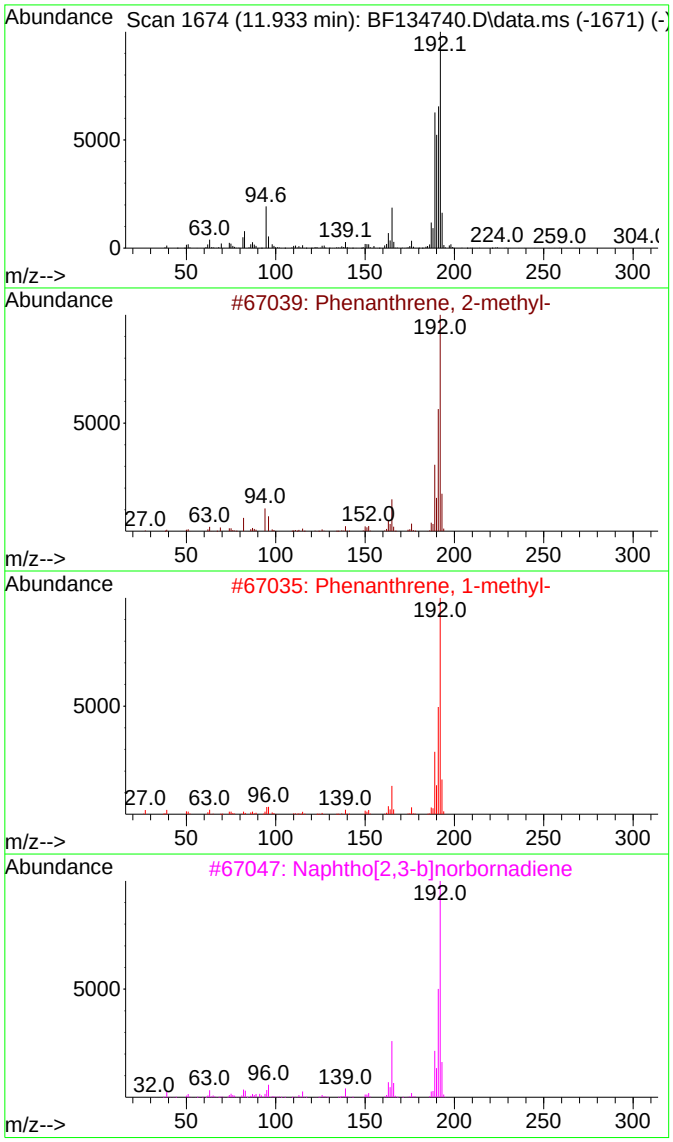
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

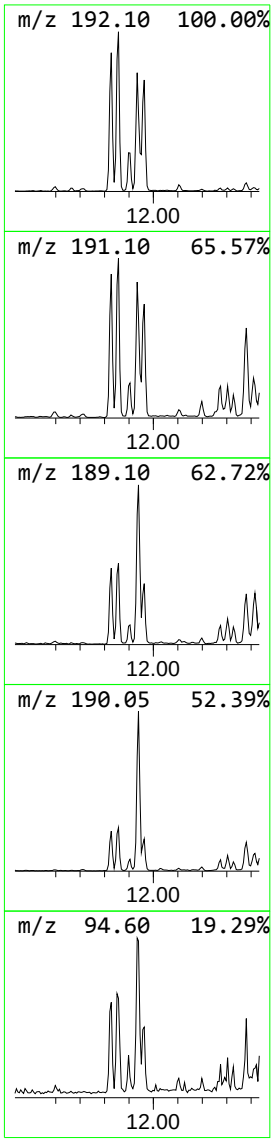
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	15.56 ng	895735	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

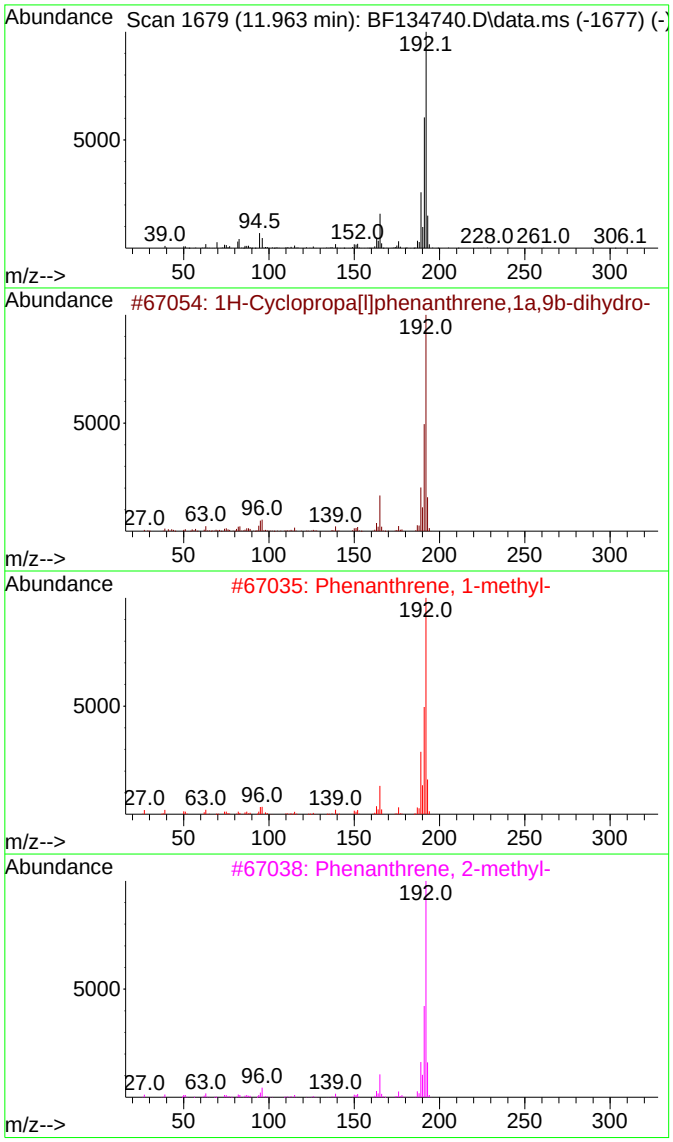
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

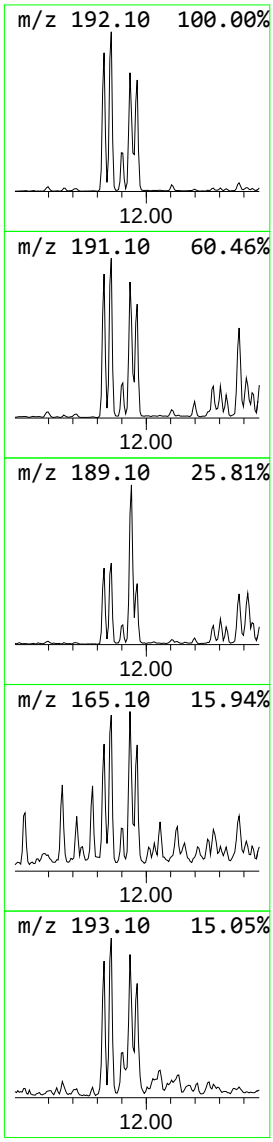
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	7.95 ng	457661	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 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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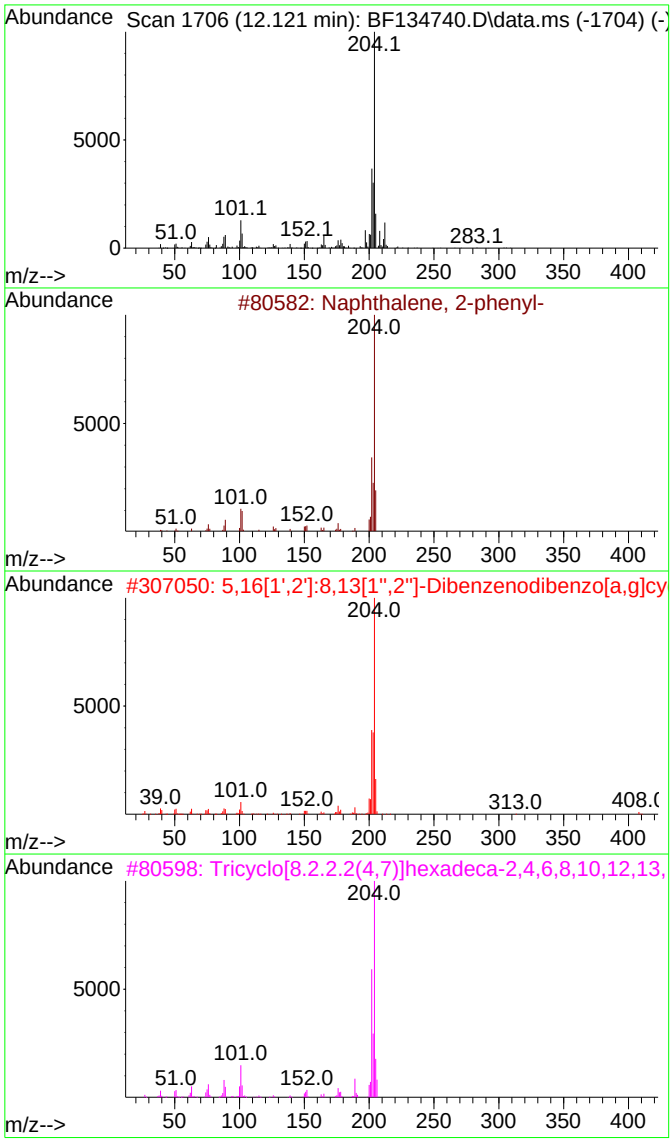
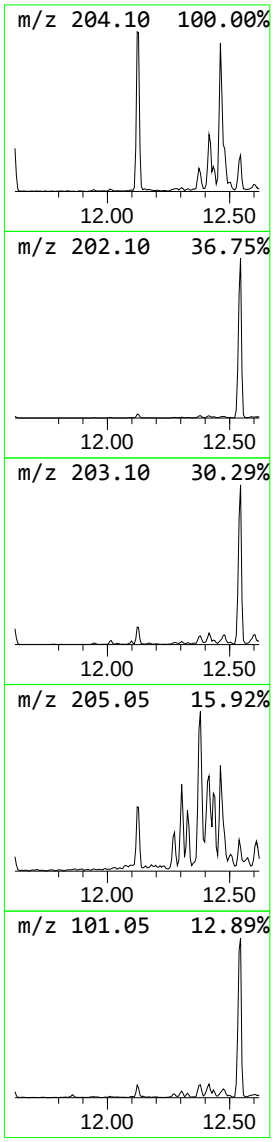
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	5.27 ng	303241	Phenanthrene-d10	11.322

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	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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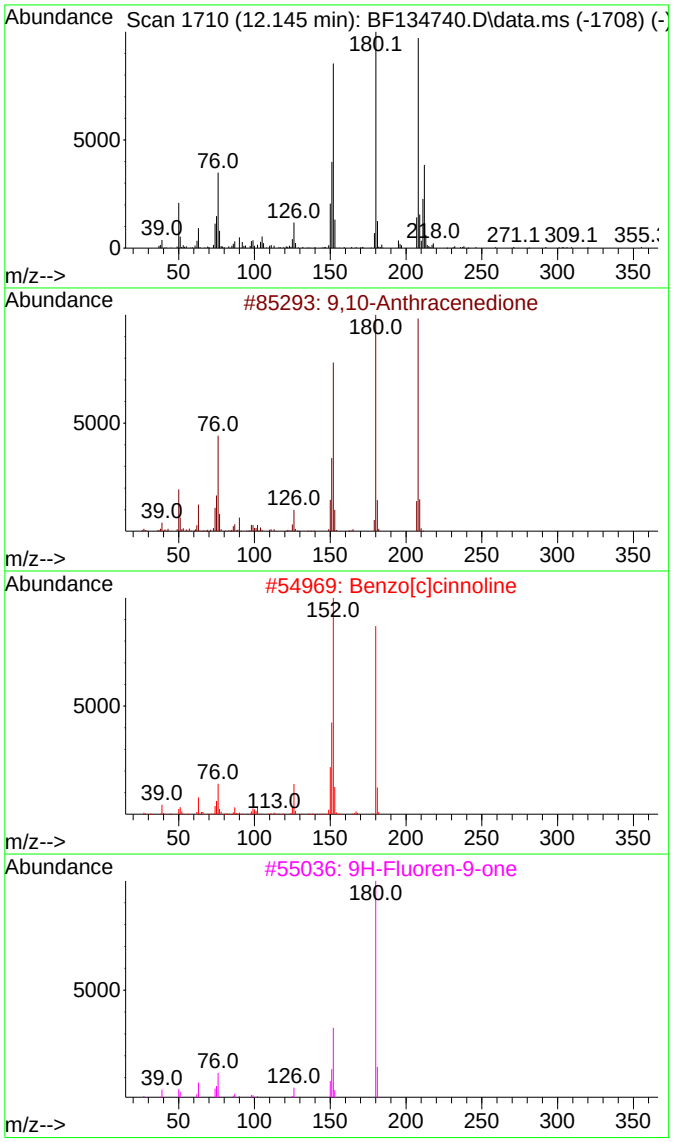
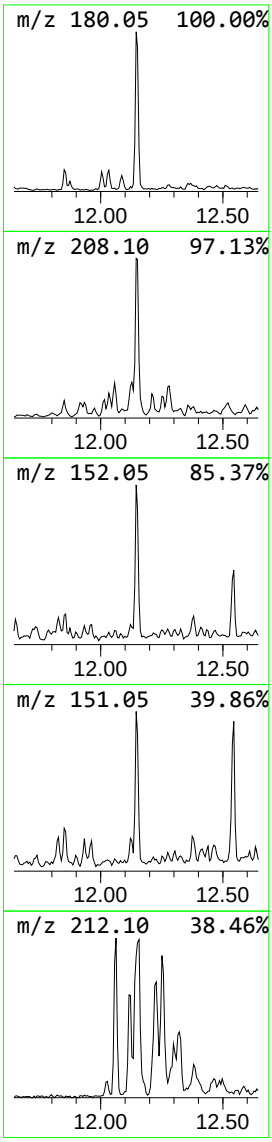
Peak Number 7 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	6.35 ng	365501	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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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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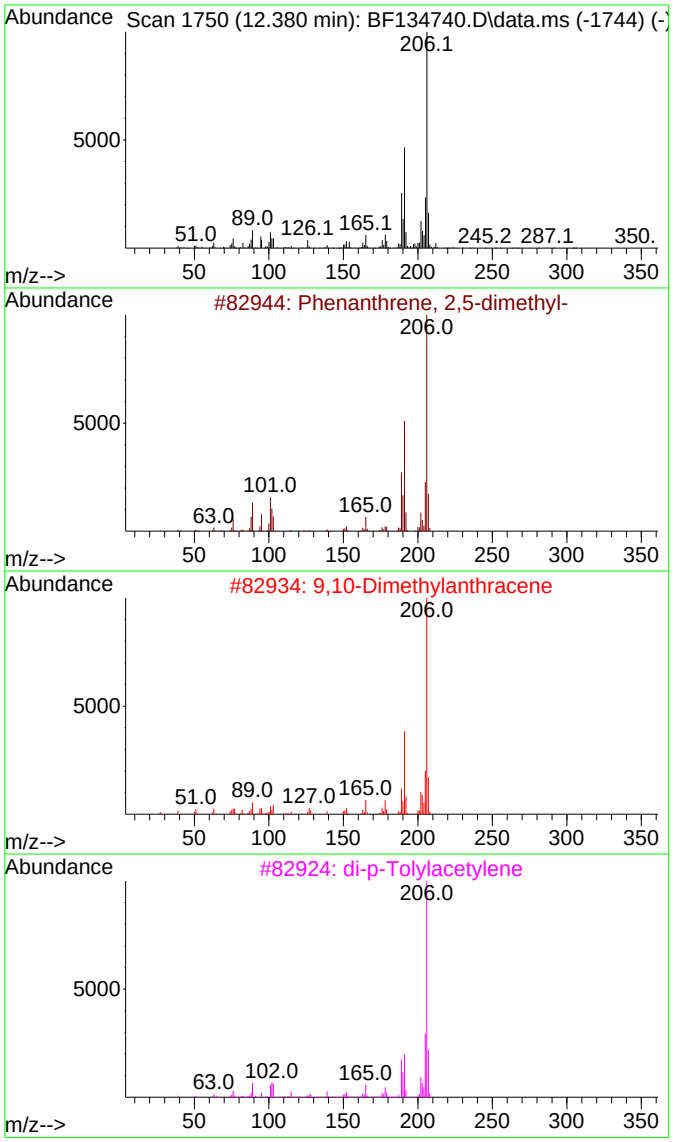
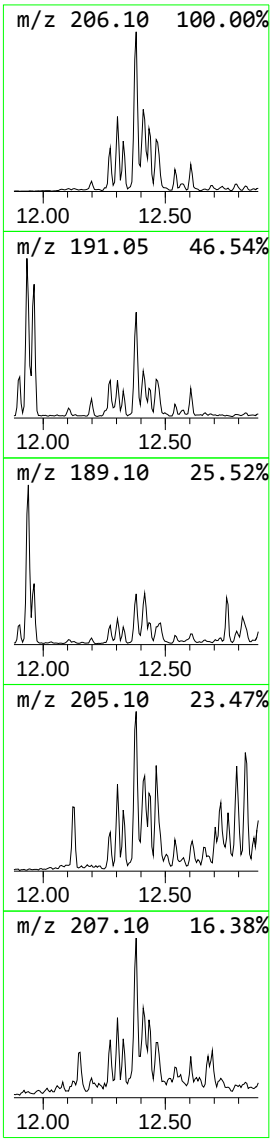
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	13.76 ng	792497	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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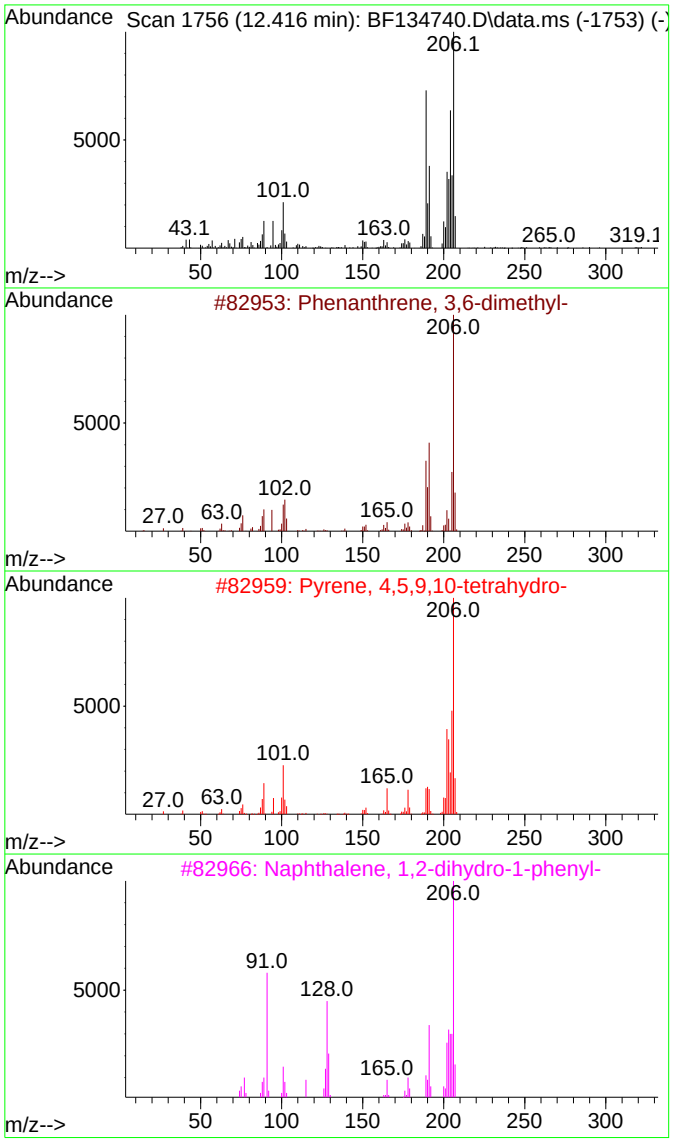
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

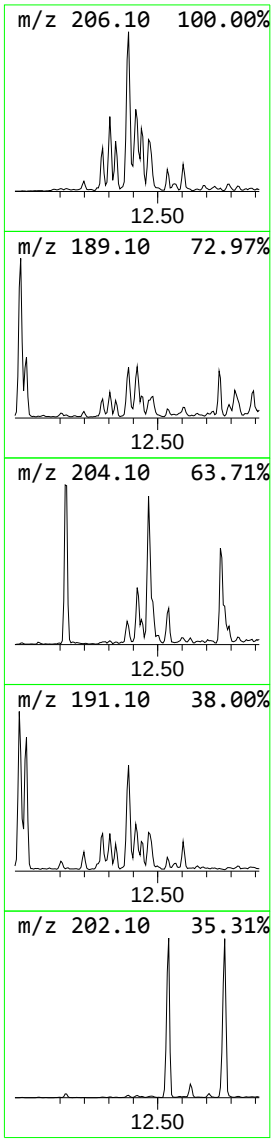
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	8.18 ng	470830	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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ALS Vial : 12 Sample Multiplier: 1

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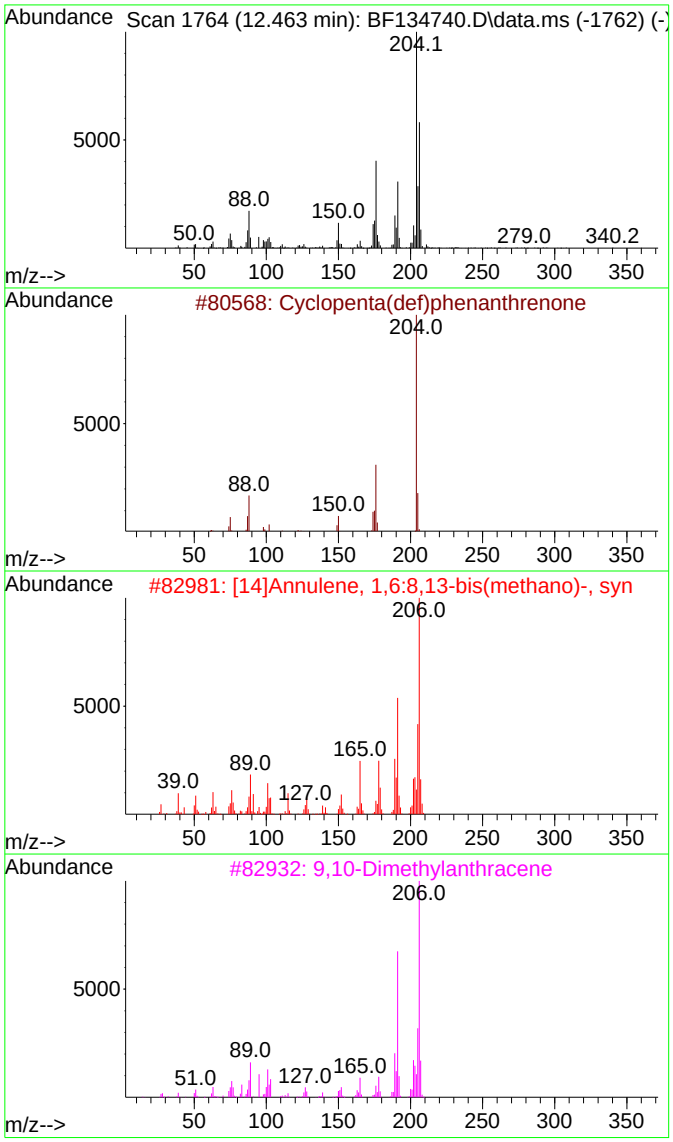
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

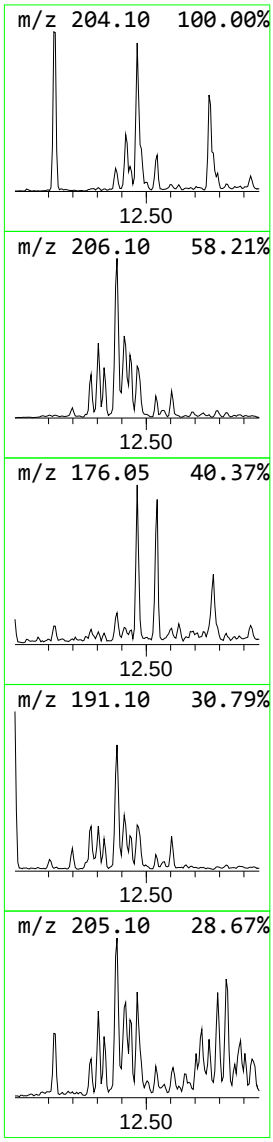
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	8.24 ng	474578	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	38





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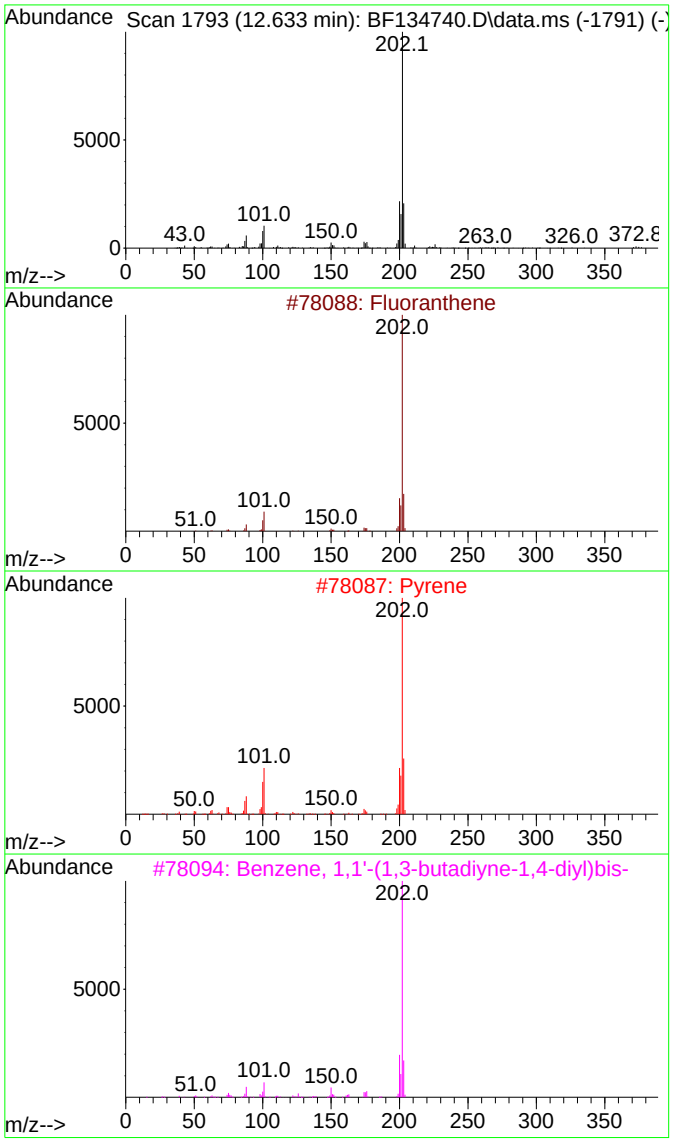
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

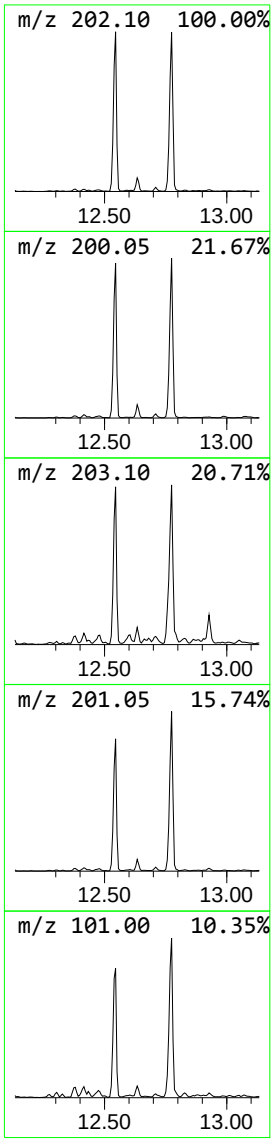
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	5.25 ng	302037	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	95
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
5	Pyrene, 10b,10c-dihydro-10b,10c-...	288	C22H24	028816-94-6	36





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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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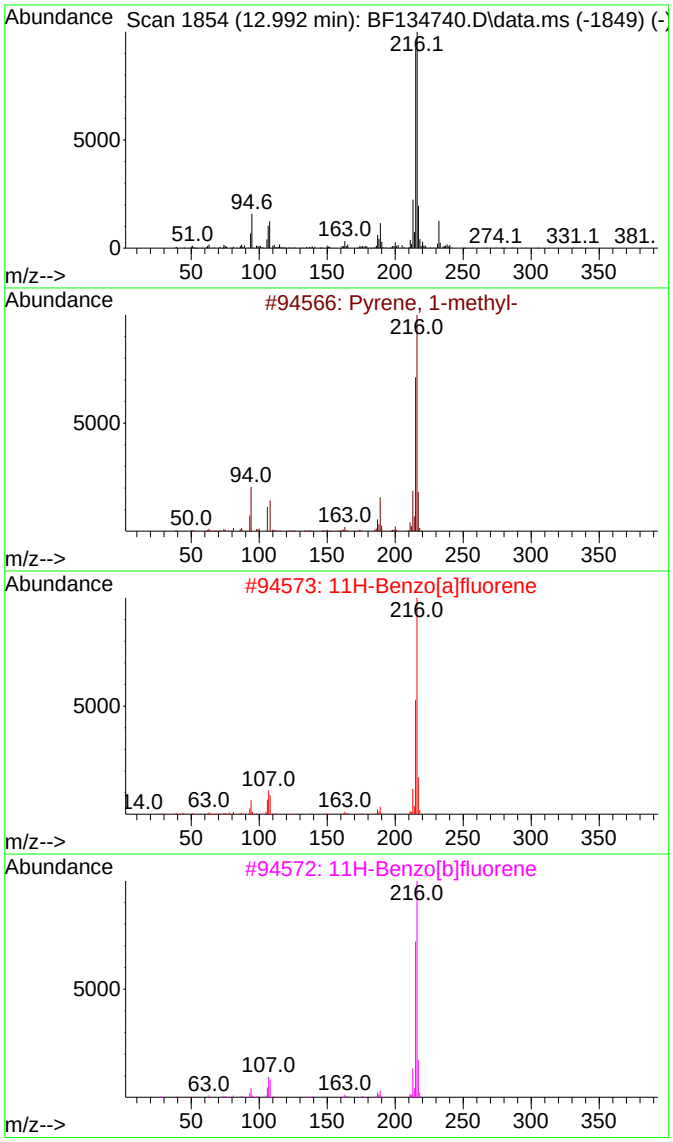
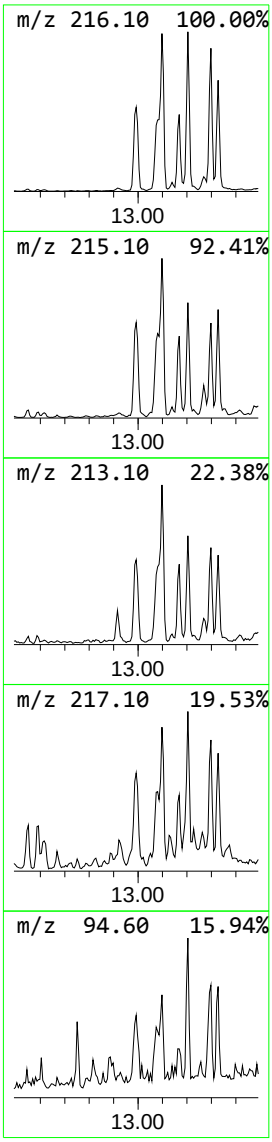
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	4.76 ng	647712	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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ALS Vial : 12 Sample Multiplier: 1

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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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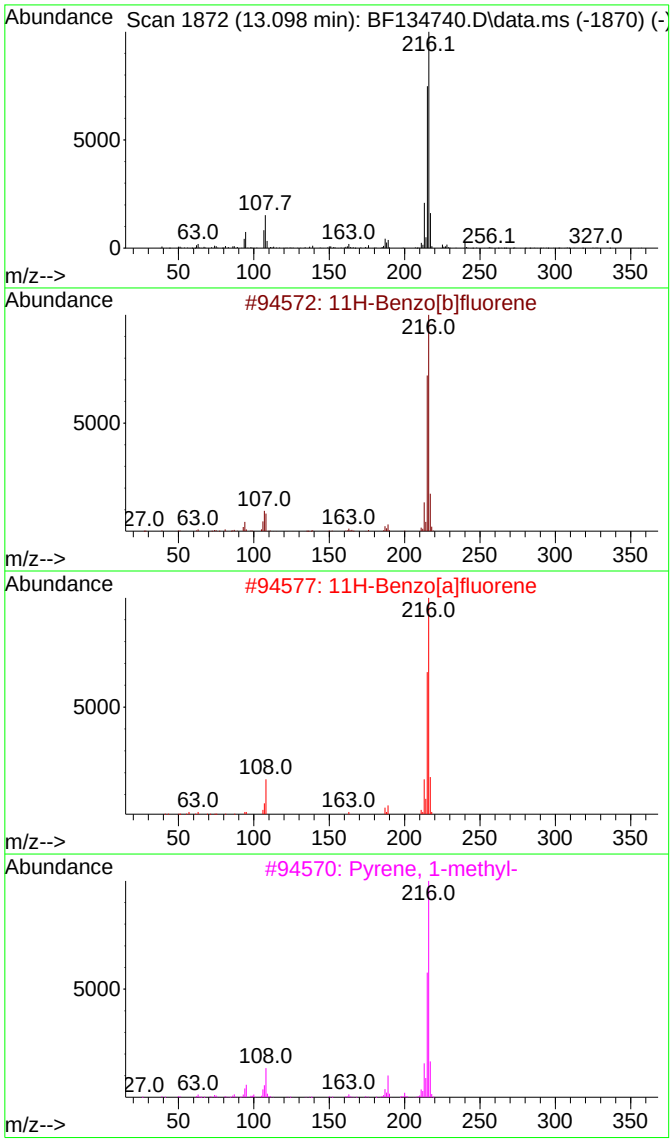
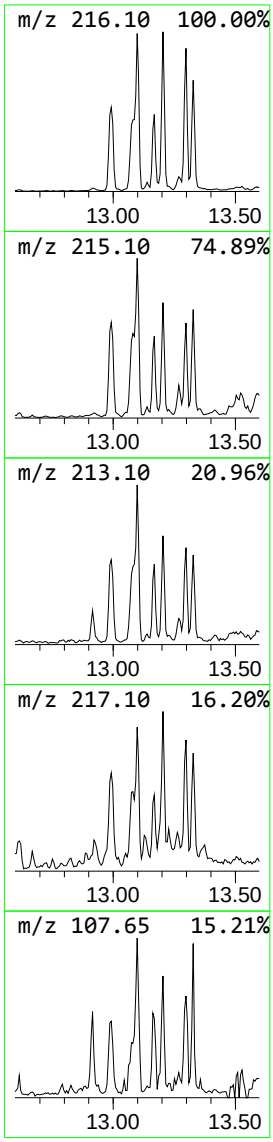
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	4.25 ng	579077	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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TIC Library : C:\Database\NIST20.L
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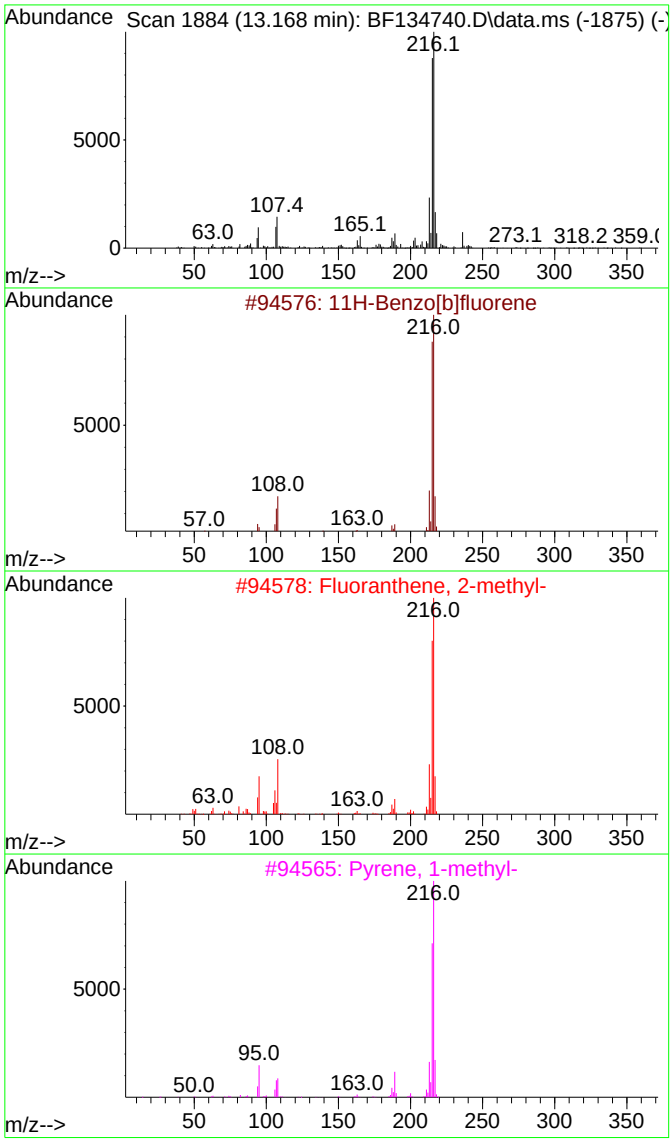
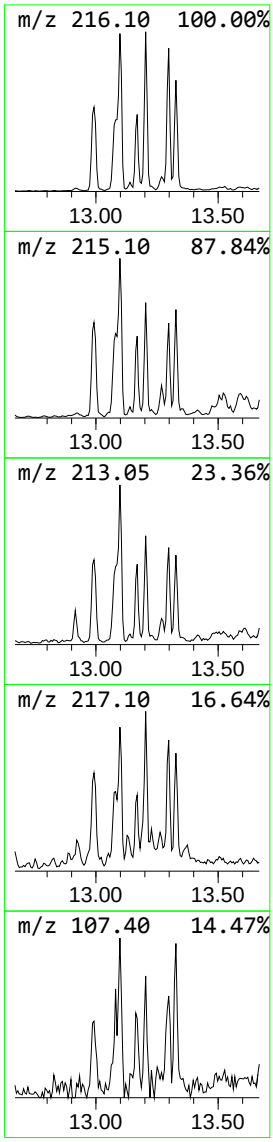
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	4.28 ng	582113	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 12 Sample Multiplier: 1

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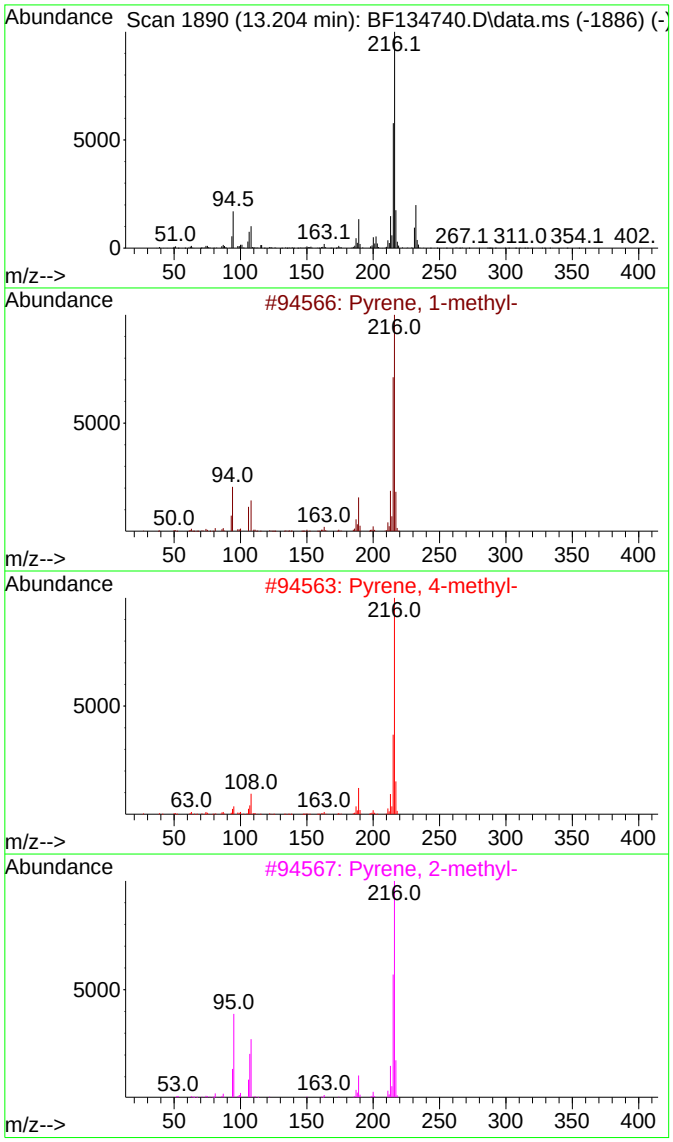
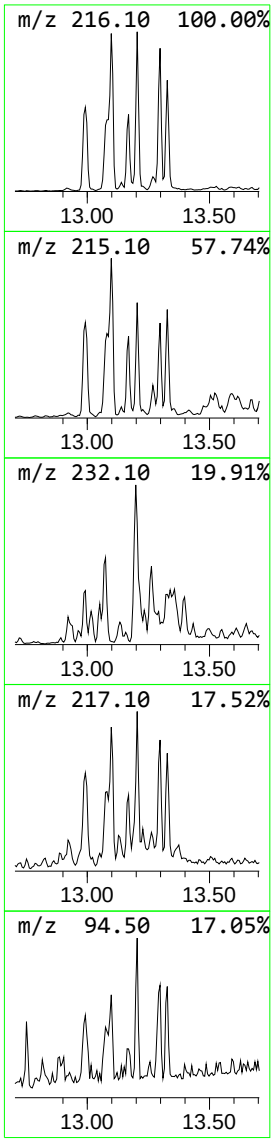
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	4.94 ng	672397	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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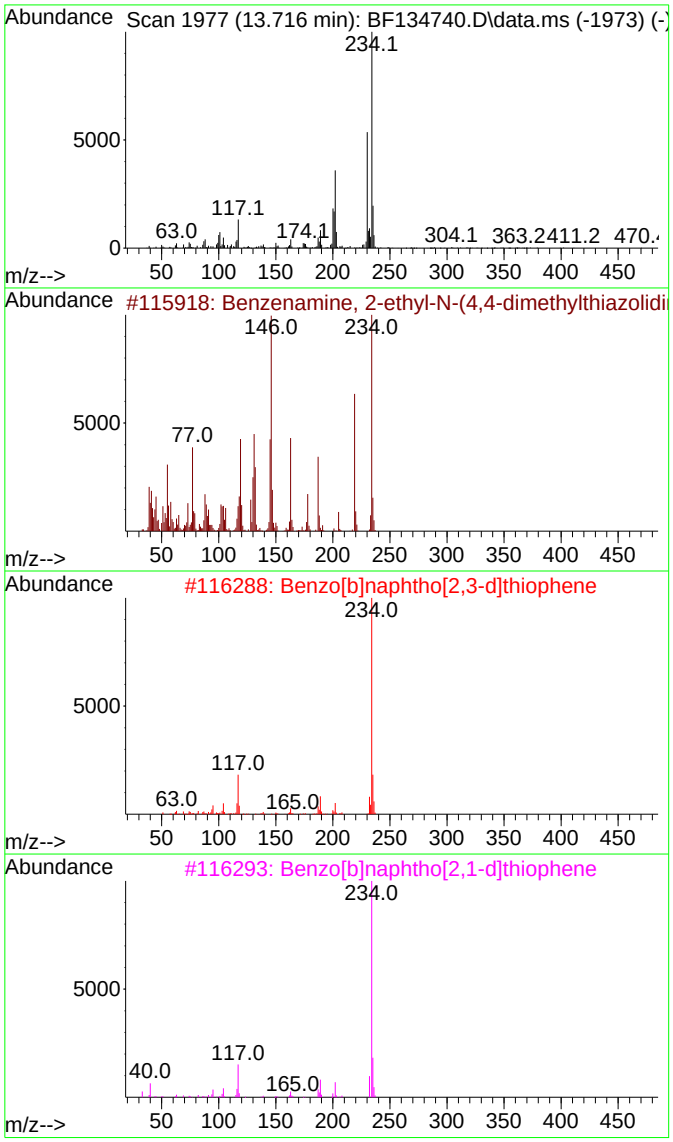
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

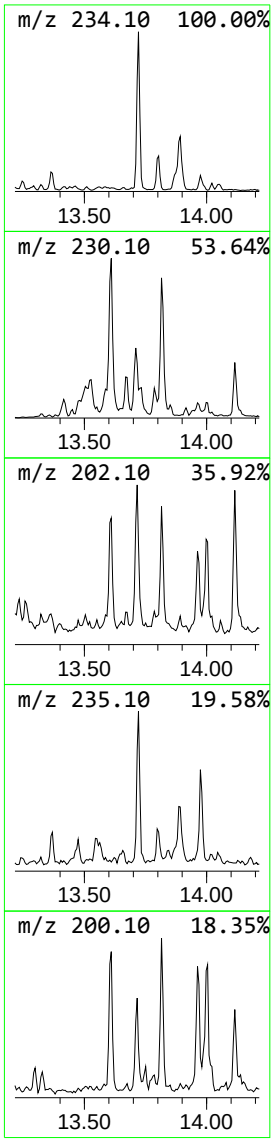
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzenamine, 2-ethyl-N-(4,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	4.45 ng	605593	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	86
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	78
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





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Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

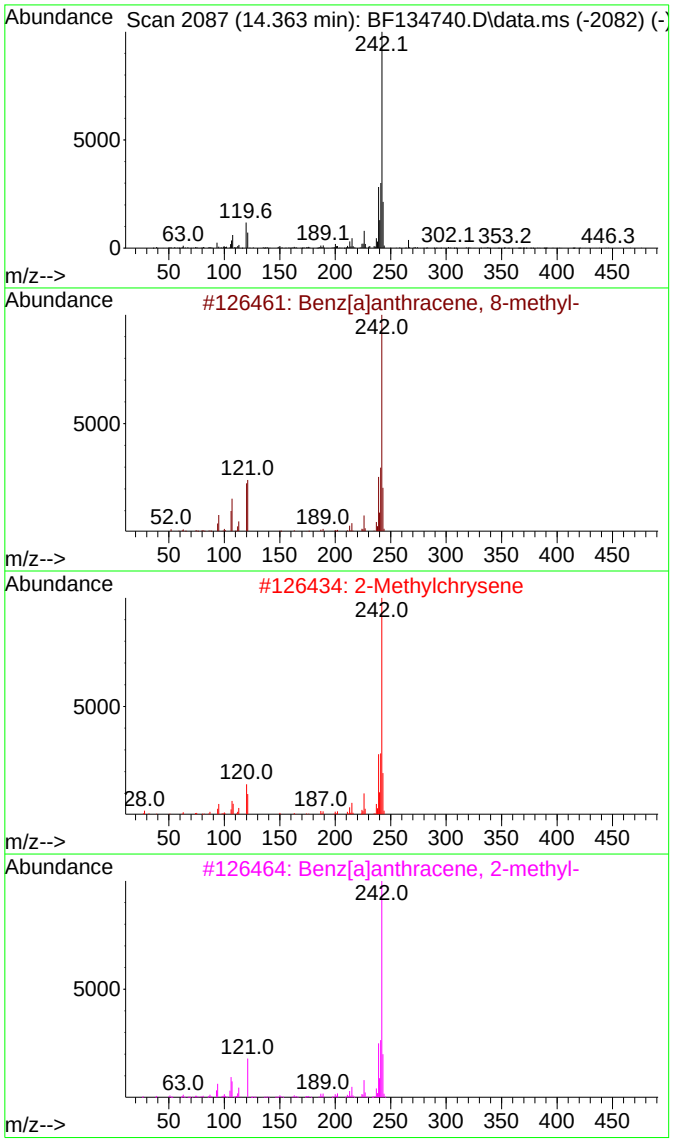
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

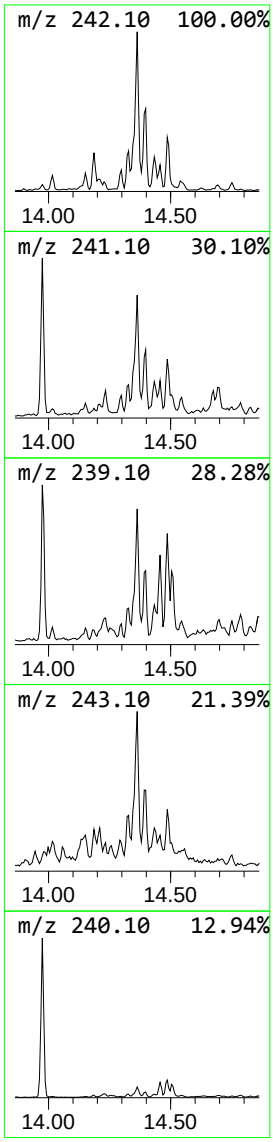
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[a]anthracene, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	4.42 ng	601921	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
2	2-Methylchrysene	242	C19H14	003351-32-4	89
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	86





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Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

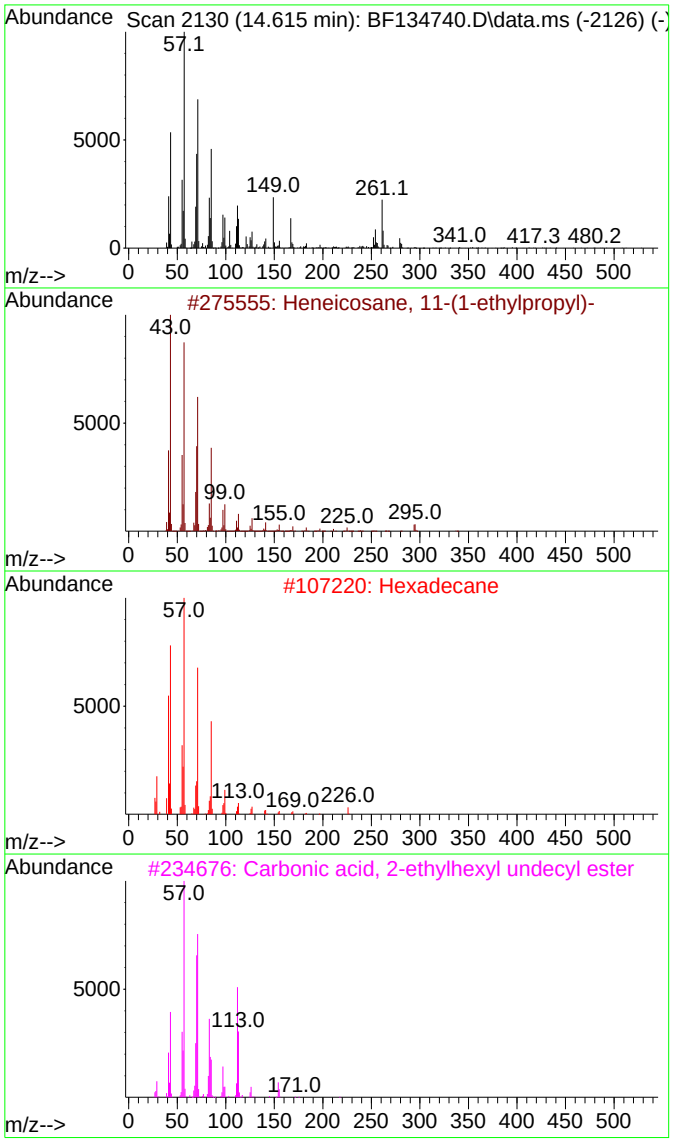
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

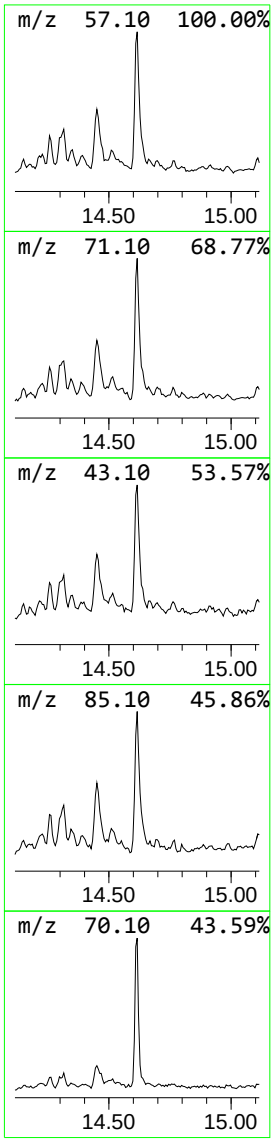
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heneicosane, 11-(1-ethylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	7.67 ng	1044810	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53
2	Hexadecane	226	C16H34	000544-76-3	46
3	Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	46
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	46
5	Octadecane	254	C18H38	000593-45-3	43





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Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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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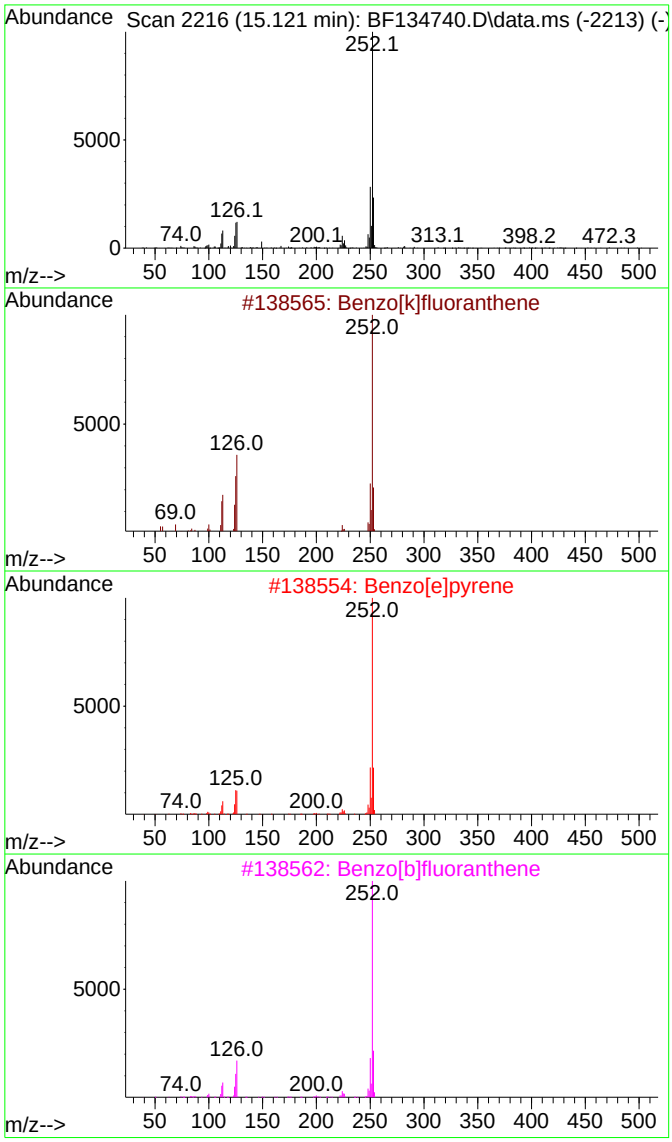
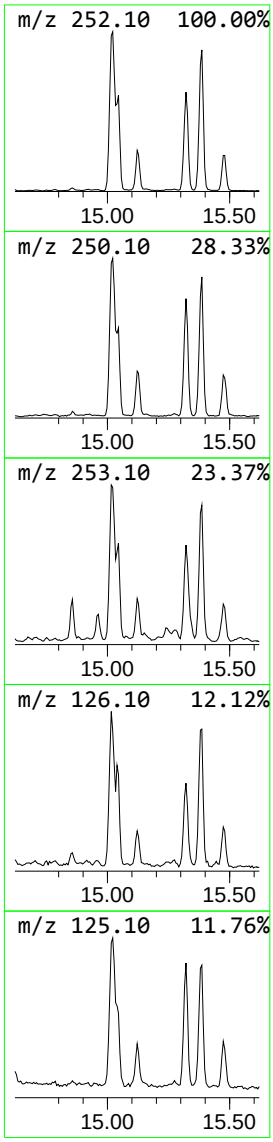
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	7.16 ng	248276	Perylene-d12	15.445

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





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Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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

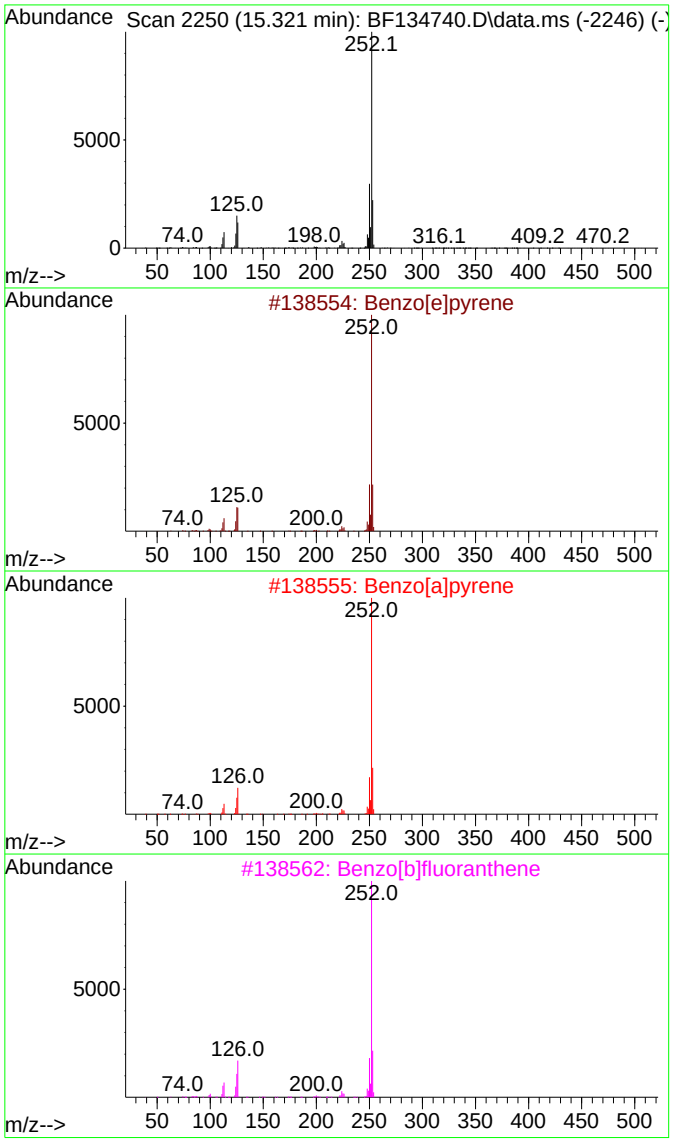
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

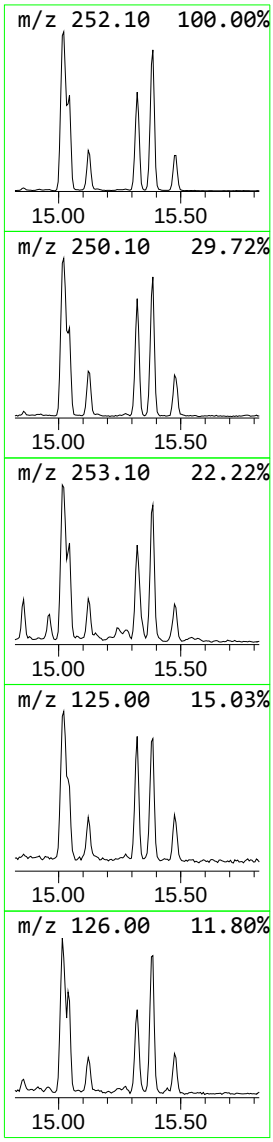
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	23.37 ng	811033	Perylene-d12	15.445

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[b]fluoranthene	252	C20H12	000205-99-2	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134740.D
Acq On : 11 Aug 2023 19:14
Operator : CG\JU
Sample : 03961-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-339

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
2,4,7,9-Tetrame...	9.275	7.8	ng	496992	3	9.833	1266180	20.0
1H-Indene, 2-ph...	11.827	10.5	ng	606751	4	11.322	1151670	20.0
Phenanthrene, 2...	11.857	15.8	ng	911914	4	11.322	1151670	20.0
Phenanthrene, 1...	11.933	15.6	ng	895735	4	11.322	1151670	20.0
1H-Cyclopropa[l...	11.963	8.0	ng	457661	4	11.322	1151670	20.0
Naphthalene, 2-...	12.121	5.3	ng	303241	4	11.322	1151670	20.0
9,10-Anthracene...	12.145	6.3	ng	365501	4	11.322	1151670	20.0
Phenanthrene, 2...	12.380	13.8	ng	792497	4	11.322	1151670	20.0
Phenanthrene, 3...	12.416	8.2	ng	470830	4	11.322	1151670	20.0
Cyclopenta(def)...	12.463	8.2	ng	474578	4	11.322	1151670	20.0
Benzene, 1,1'-(...	12.633	5.3	ng	302037	4	11.322	1151670	20.0
Pyrene, 1-methyl-	12.992	4.8	ng	647712	5	13.974	2722750	20.0
11H-Benzo[b]flu...	13.098	4.3	ng	579077	5	13.974	2722750	20.0
Fluoranthene, 2...	13.169	4.3	ng	582113	5	13.974	2722750	20.0
Pyrene, 4-methyl-	13.204	4.9	ng	672397	5	13.974	2722750	20.0
Benzenamine, 2-...	13.716	4.5	ng	605593	5	13.974	2722750	20.0
Benz[a]anthrace...	14.363	4.4	ng	601921	5	13.974	2722750	20.0
Heneicosane, 11...	14.615	7.7	ng	1044810	5	13.974	2722750	20.0
Benzo[e]pyrene	15.121	7.2	ng	248276	6	15.445	693964	20.0
Perylene	15.321	23.4	ng	811033	6	15.445	693964	20.0