LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.445	396	401	408	rBV	84377	112685	3.90%	0.232%
2	4.969	487	490	504	rBV	110309	172626	5.98%	0.355%
3	5.375	556	559	585	rBV	1908504	2242003	77.66%	4.606%
4	6.392	729	732	759	rBV	2004796	2221837	76.96%	4.565%
5	6.739	788	791	799	rBV	670209	617379	21.39%	1.268%
6	7.310	884	888	902	rBV	1508747	1478579	51.22%	3.038%
7	8.016	1005	1008	1011	rBV	965035	783105	27.13%	1.609%
8	8.039	1011	1012	1020	rVB	156273	115028	3.98%	0.236%
9	8.733	1127	1130	1135	rBV	118020	107276	3.72%	0.220%
10	9.092	1188	1191	1195	rBV	2486697	2317277	80.27%	4.761%
11	9.363	1233	1237	1241	rBV2	91192	126360	4.38%	0.260%
12	9.433	1246	1249	1252	rVV	174976	174524	6.05%	0.359%
13	9.551	1266	1269	1278	rVB	93250	111782	3.87%	0.230%
14	9.639	1280	1284	1287	rBV	304142	279527	9.68%	0.574%
15	9.774	1298	1307	1310	rBV	1046967	861870	29.85%	1.771%
16	9.810	1310	1313	1316	rVV	135036	138204	4.79%	0.284%
17	9.980	1335	1342	1346	rVB3	153691	198741	6.88%	0.408%
18	10.022	1346	1349	1352	rVB	175048	159128	5.51%	0.327%
19	10.092	1358	1361	1364	rBV	184795	187248	6.49%	0.385%
20	10.180	1372	1376	1378	rBV2	77712	111504	3.86%	0.229%
21	10.327	1398	1401	1407	rVB3	142476	193635	6.71%	0.398%
22	10.486	1423	1428	1431	rVB4	86233	127310	4.41%	0.262%
23	10.574	1439	1443	1446	rBV	1308407	1329363	46.05%	2.731%
24	10.692	1458	1463	1466	rBV4	129026	159818	5.54%	0.328%
25	10.880	1490	1495	1497	rBV3	152951	204556	7.09%	0.420%
26	10.904	1497	1499	1502	rVV	128569	123315	4.27%	0.253%
27	11.004	1511	1516	1518	rBV2	79603	107758	3.73%	0.221%
28	11.027	1518	1520	1525	rVV2	85719	112456	3.90%	0.231%
29	11.086	1525	1530	1534	rVV4	79840	166015	5.75%	0.341%
30	11.127	1534	1537	1540	rVV3	108199	133017	4.61%	0.273%
31	11.169	1540	1544	1550	rVB	327593	345300	11.96%	0.709%
32	11.274	1558	1562	1563	rBV	776102	720317	24.95%	1.480%
33	11.298	1563	1566	1569	rVV	1967862	1666596	57.73%	3.424%
34	11.351	1572	1575	1577	rVV	402073	348009	12.05%	0.715%
35	11.386	1577	1581	1583	rVV2	95123	148098	5.13%	0.304%
36	11.516	1598	1603	1607	rBV3	151581	232786	8.06%	0.478%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.563	1608	1611	1614	rVV2	190981	181827	6.30%	0.374%
38	11.604	1614	1618	1623	rVB	386433	377370	13.07%	0.775%
39	11.686	1629	1632	1637	rVB	240637	299009	10.36%	0.614%
40	11.774	1644	1647	1650	rVV	628624	647889	22.44%	1.331%
41	11.804	1650	1652	1657	rVB	891322	835952	28.96%	1.718%
42	11.857	1658	1661	1663	rVV	210582	177782	6.16%	0.365%
43	11.886	1663	1666	1669	rVV2	932487	991548	34.35%	2.037%
44	11.910	1669	1670	1674	rVB	462964	356730	12.36%	0.733%
45	12.010	1684	1687	1691	rVB	155060	132984	4.61%	0.273%
46	12.074	1695	1698	1700	rBV2	350467	353795	12.26%	0.727%
47	12.110	1702	1704	1708	rVB2	158904	194920	6.75%	0.400%
48	12.174	1712	1715	1718	rBV2	93150	142126	4.92%	0.292%
49	12.257	1726	1729	1731	rBV	224428	189296	6.56%	0.389%
50	12.280	1731	1733	1736	rVB2	174559	156482	5.42%	0.321%
51	12.333	1738	1742	1744	rBV	584812	587308	20.34%	1.207%
52	12.368	1744	1748	1750	rVV3	274785	300303	10.40%	0.617%
53	12.433	1754	1759	1761	rBV2	236867	372323	12.90%	0.765%
54	12.498	1766	1770	1774	rBV	2310803	2139378	74.11%	4.395%
55	12.539	1774	1777	1779	rBV	150555	135960	4.71%	0.279%
56	12.592	1784	1786	1793	rVB	239855	242354	8.39%	0.498%
57	12.651	1793	1796	1798	rBV2	297339	290479	10.06%	0.597%
58	12.733	1803	1810	1815	rBV	2659957	2886935	100.00%	5.931%
59	12.780	1815	1818	1822	rVB	222317	205752	7.13%	0.423%
60	12.868	1829	1833	1836	rBV	1631029	1459435	50.55%	2.998%
61	12.951	1842	1847	1852	rBV2	283737	486306	16.85%	0.999%
62	13.004	1852	1856	1858	rVV2	147700	143837	4.98%	0.296%
63	13.039	1858	1862	1863	rVV2	265418	324466	11.24%	0.667%
64	13.063	1863	1866	1869	rVV	480393	496780	17.21%	1.021%
65	13.127	1874	1877	1879	rVV	338507	293329	10.16%	0.603%
66	13.163	1880	1883	1888	rVV2	477286	532963	18.46%	1.095%
67	13.257	1896	1899	1902	rVV	370023	303541	10.51%	0.624%
68	13.286	1902	1904	1908	rVV	332680	308034	10.67%	0.633%
69	13.580	1952	1954	1957	rVB	179149	185793	6.44%	0.382%
70	13.686	1967	1972	1974	rBV2	407081	494583	17.13%	1.016%
71	13.710	1974	1976	1978	rVB	282441	214437	7.43%	0.441%
72	13.739	1978	1981	1983	rBV	205949	179629	6.22%	0.369%
73	13.762	1983	1985	1988	rVB3	124216	116861	4.05%	0.240%
74	13.798	1988	1991	1996	rVB2	159232	159203	5.51%	0.327%
75	13.857	1996	2001	2008	rBV	173212	266617	9.24%	0.548%
76	13.933	2009	2014	2018	rBV2	1437132	2135246	73.96%	4.387%

LSC Area Percent Report

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Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D-1(0-5)

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.968	2018	2020	2023	rVV	1306299	1068036	37.00%	2.194%
78	14.027	2027	2030	2032	rBV2	153905	155138	5.37%	0.319%
79	14.104	2036	2043	2049	rBV4	248478	418390	14.49%	0.860%
80	14.333	2077	2082	2085	rVV	419903	540494	18.72%	1.110%
81	14.362	2085	2087	2090	rVV	214509	202594	7.02%	0.416%
82	14.404	2090	2094	2096	rVV4	162353	236470	8.19%	0.486%
83	14.427	2096	2098	2101	rVV2	155493	167384	5.80%	0.344%
84	14.457	2101	2103	2105	rVV	257259	250325	8.67%	0.514%
85	14.480	2105	2107	2109	rVV	209439	177210	6.14%	0.364%
86	14.527	2112	2115	2121	rVB2	149640	164450	5.70%	0.338%
87	14.662	2136	2138	2146	rVB7	76847	170070	5.89%	0.349%
88	14.833	2163	2167	2170	rBV2	139815	181203	6.28%	0.372%
89	14.992	2190	2194	2197	rBV	936665	1391925	48.21%	2.860%
90	15.098	2209	2212	2217	rBV	221732	257445	8.92%	0.529%
91	15.292	2241	2245	2250	rBV	619809	752430	26.06%	1.546%
92	15.362	2252	2257	2263	rBV	919343	1171485	40.58%	2.407%
93	15.421	2263	2267	2270	rVV	407346	504435	17.47%	1.036%
94	15.451	2270	2272	2279	rVB2	228849	324588	11.24%	0.667%
95	15.780	2325	2328	2334	rVB	74846	109810	3.80%	0.226%
96	15.992	2361	2364	2368	rVB2	89475	112769	3.91%	0.232%
97	16.927	2517	2523	2532	rVB	296046	591969	20.51%	1.216%
98	17.162	2560	2563	2570	rVB3	64459	137103	4.75%	0.282%
99	17.386	2595	2601	2614	rVB	224215	488099	16.91%	1.003%
100	17.656	2642	2647	2659	rVB	69470	164139	5.69%	0.337%

Sum of corrected areas: 48672555

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
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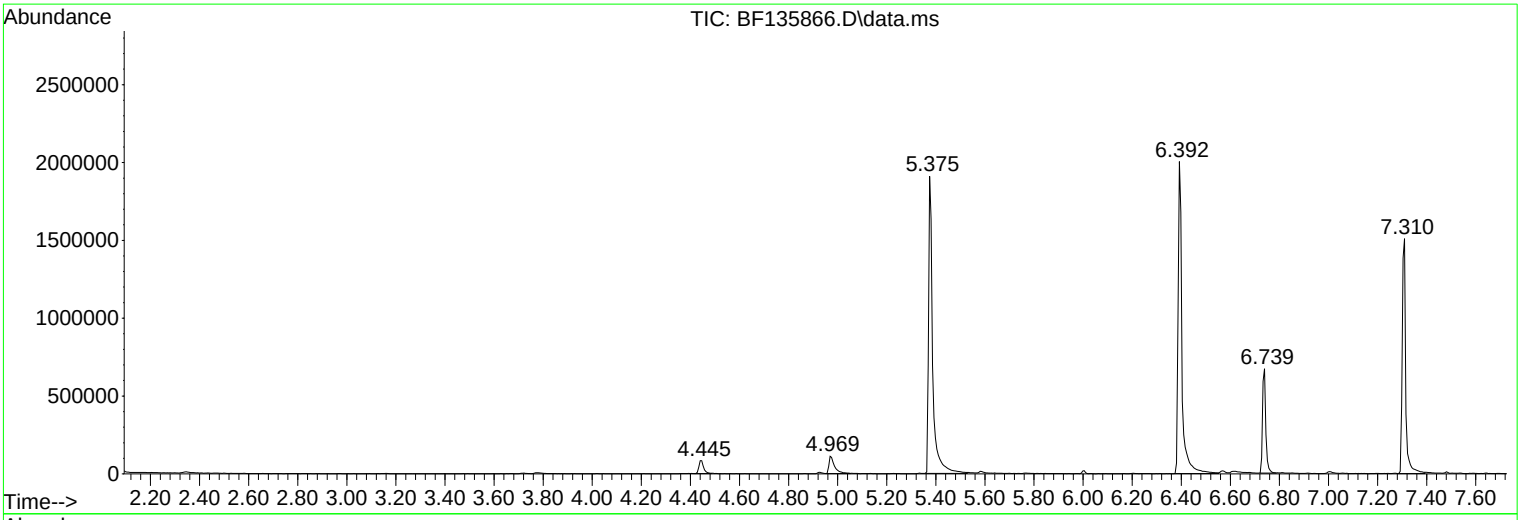
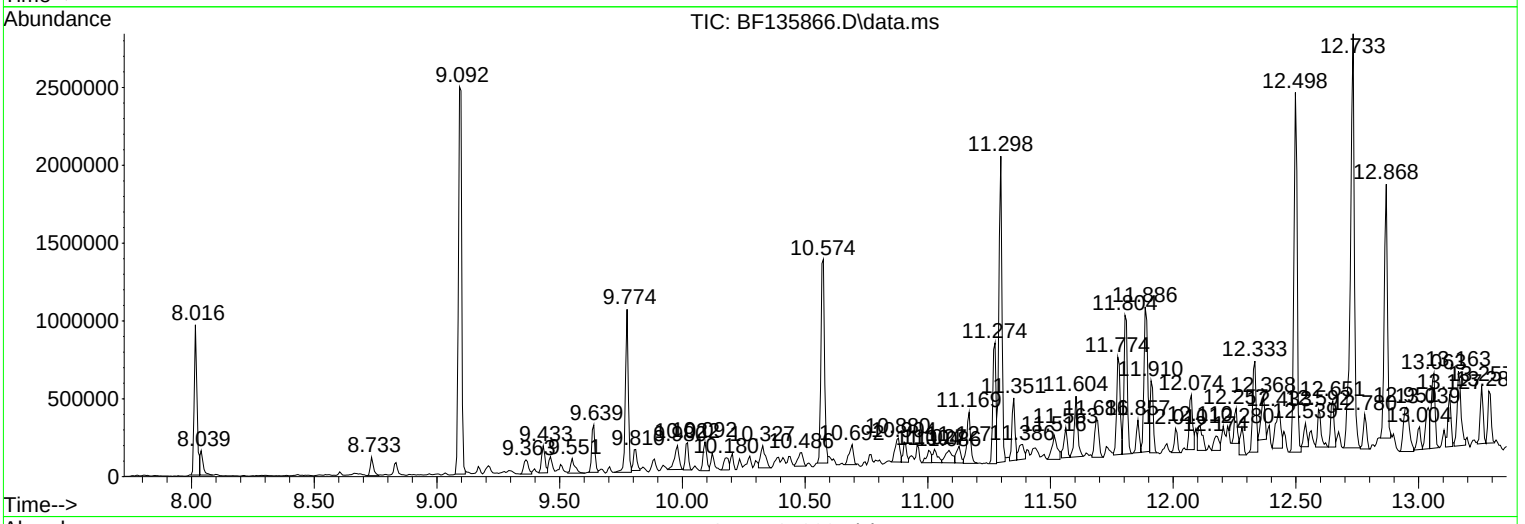
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

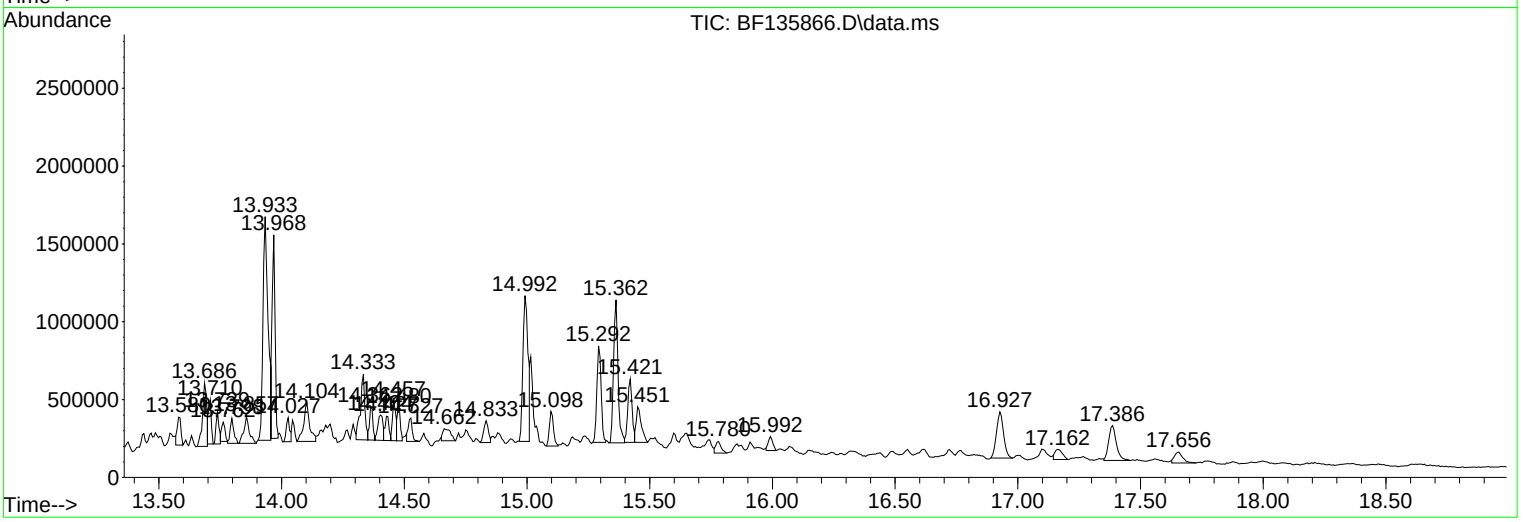
Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
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Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

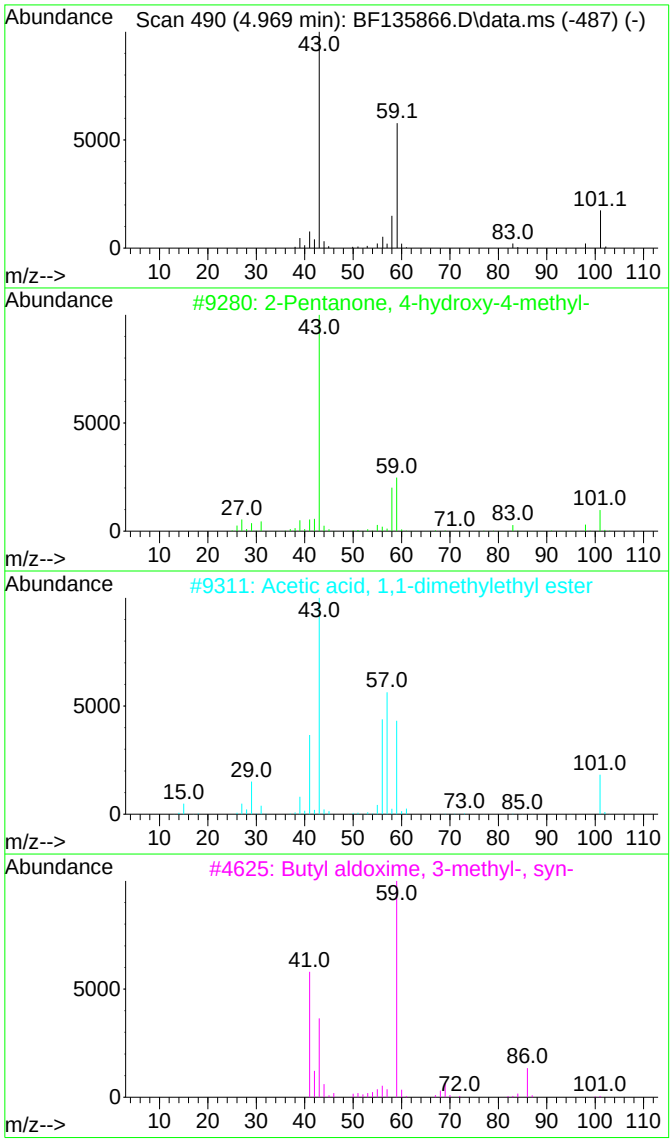
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

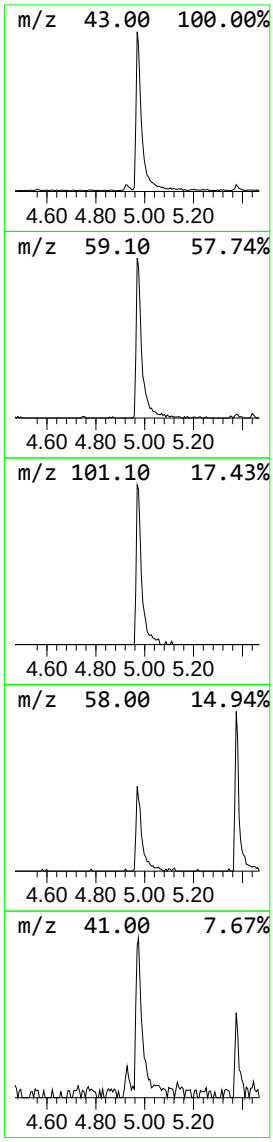
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	5.59 ng	172626	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





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Sample : 04767-01
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ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

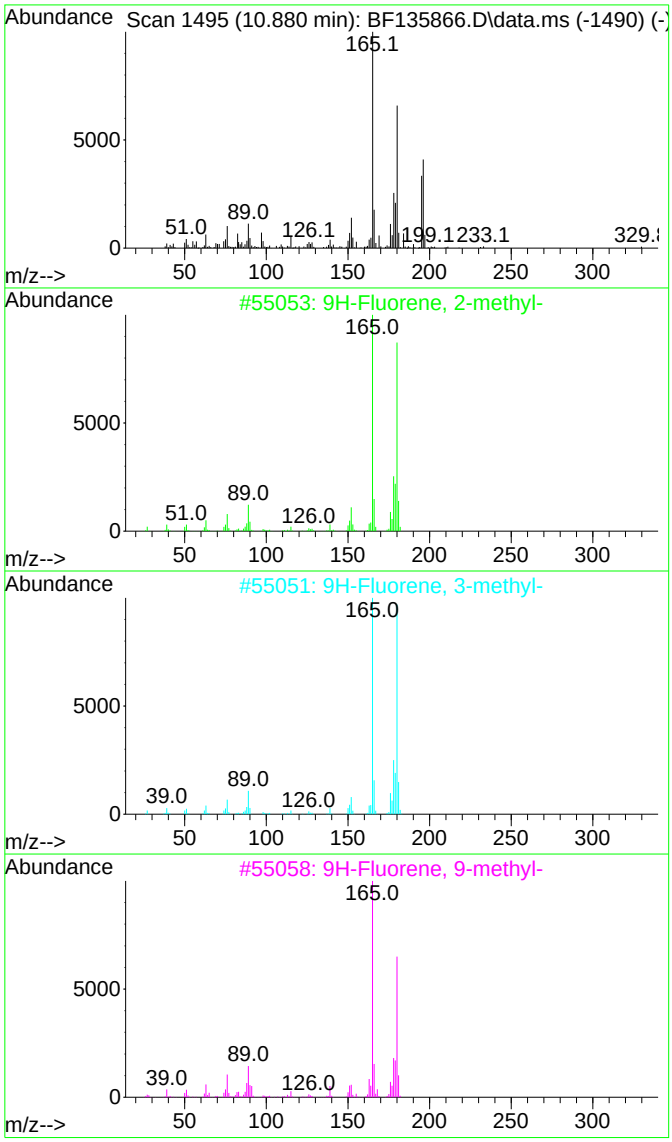
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

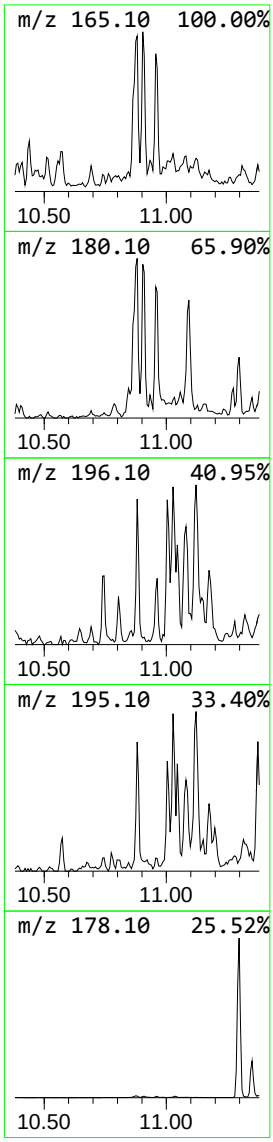
****

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	5.68 ng	204556	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49
5	2-Benzothiazolamine, 6-methoxy-	180	C8H8N2OS	001747-60-0	43





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ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

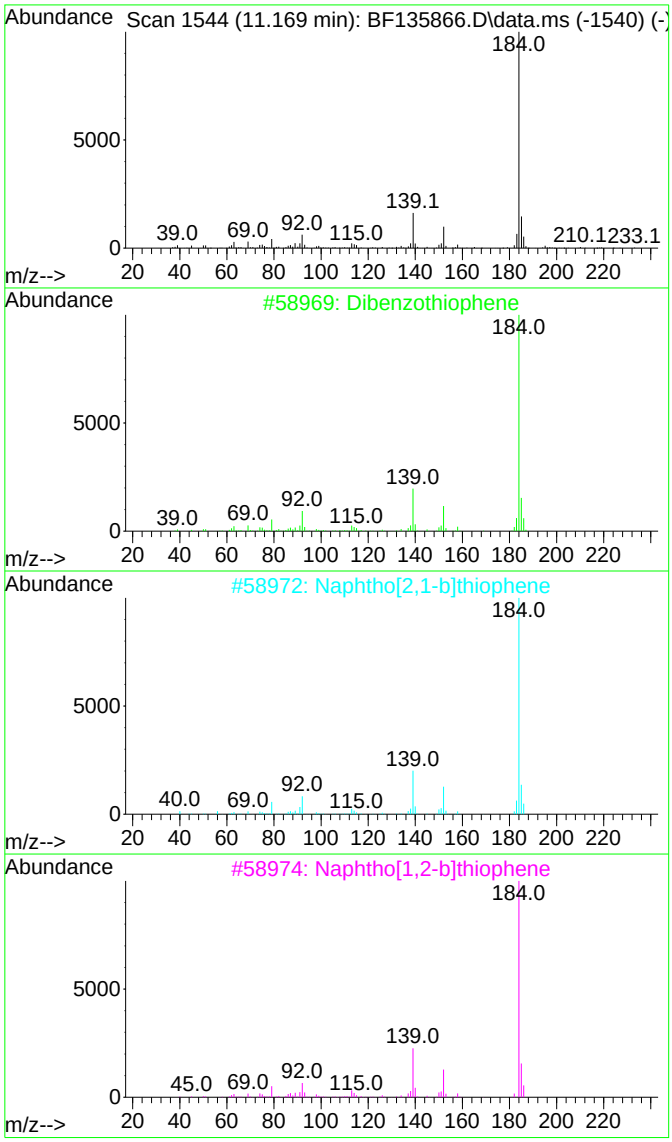
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

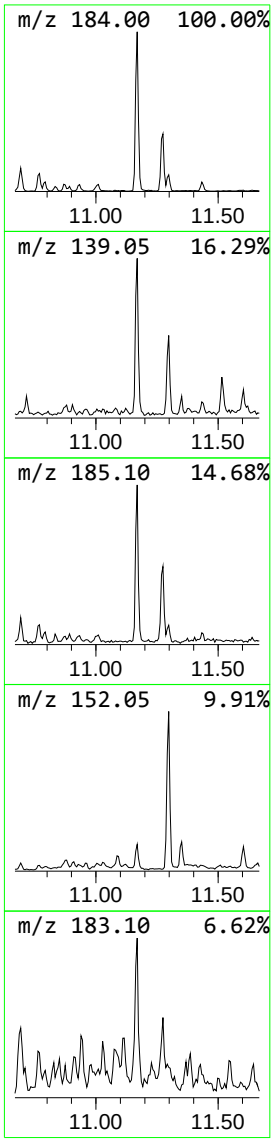
****

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	9.59 ng	345300	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Misc :
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Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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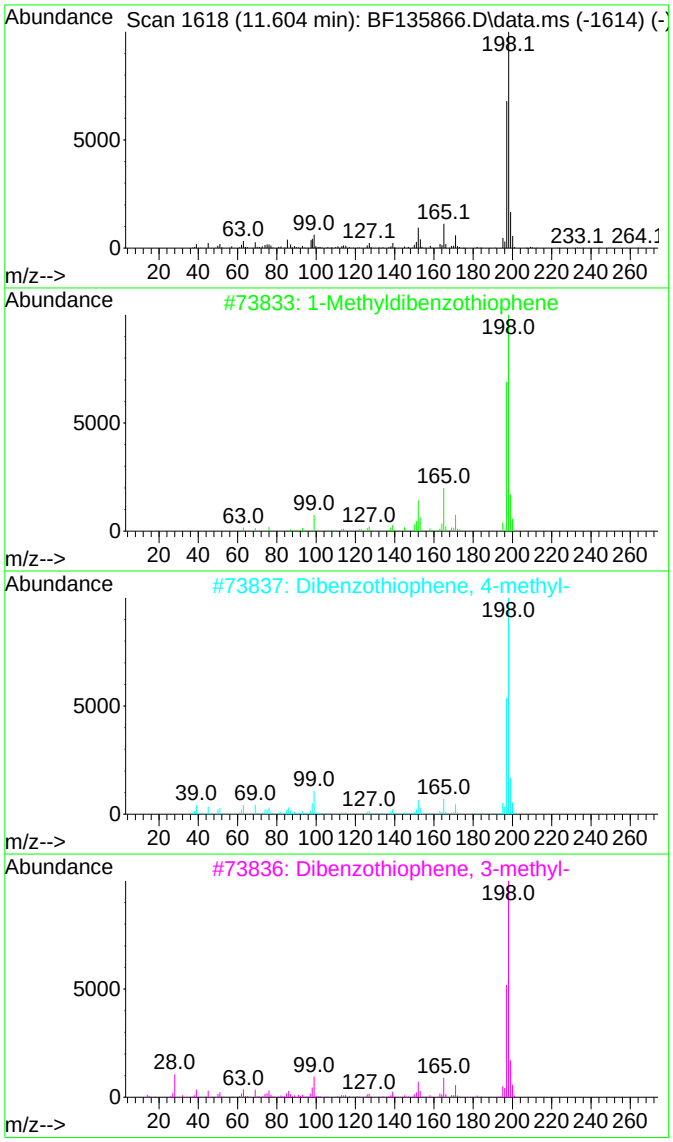
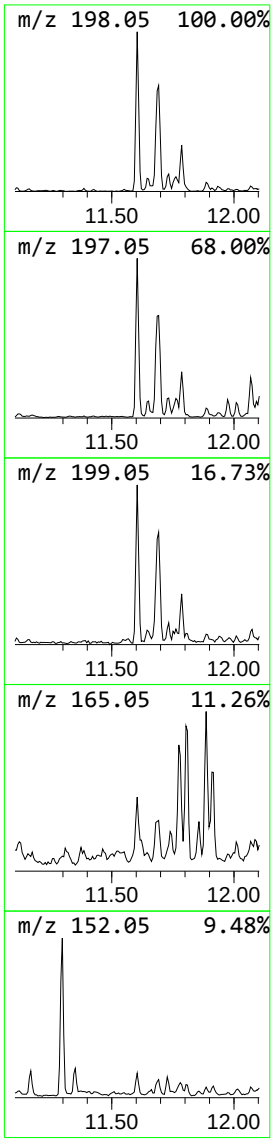
Peak Number 4 1-Methyldibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	10.48 ng	377370	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

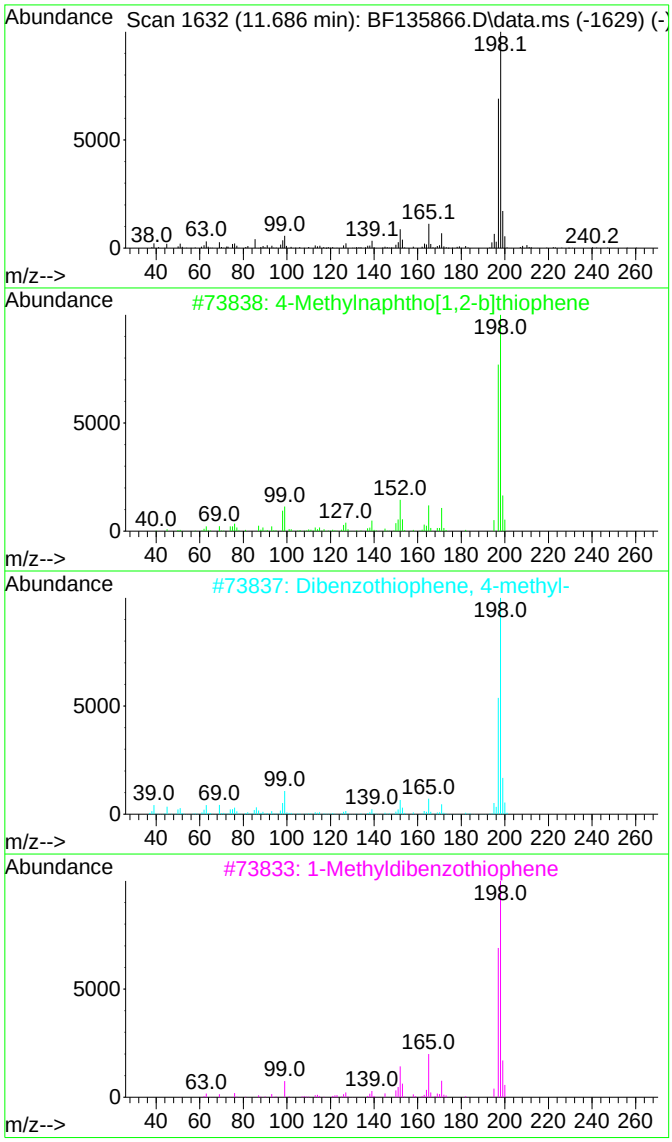
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

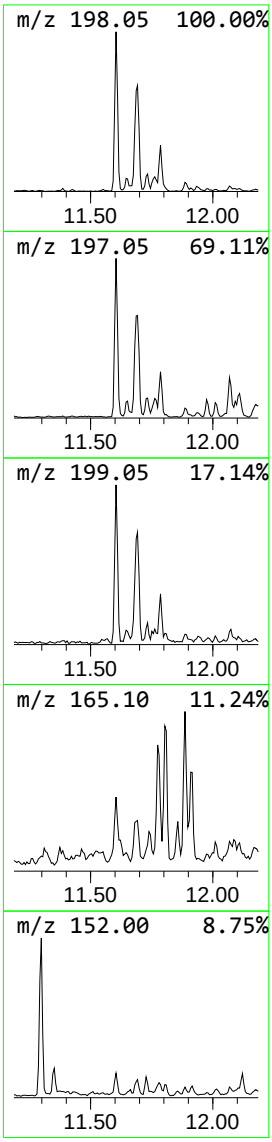
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	8.30 ng	299009	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	96
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90





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Operator : CG\JU
Sample : 04767-01
Misc :
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ClientSampleId :
D-1(0-5)

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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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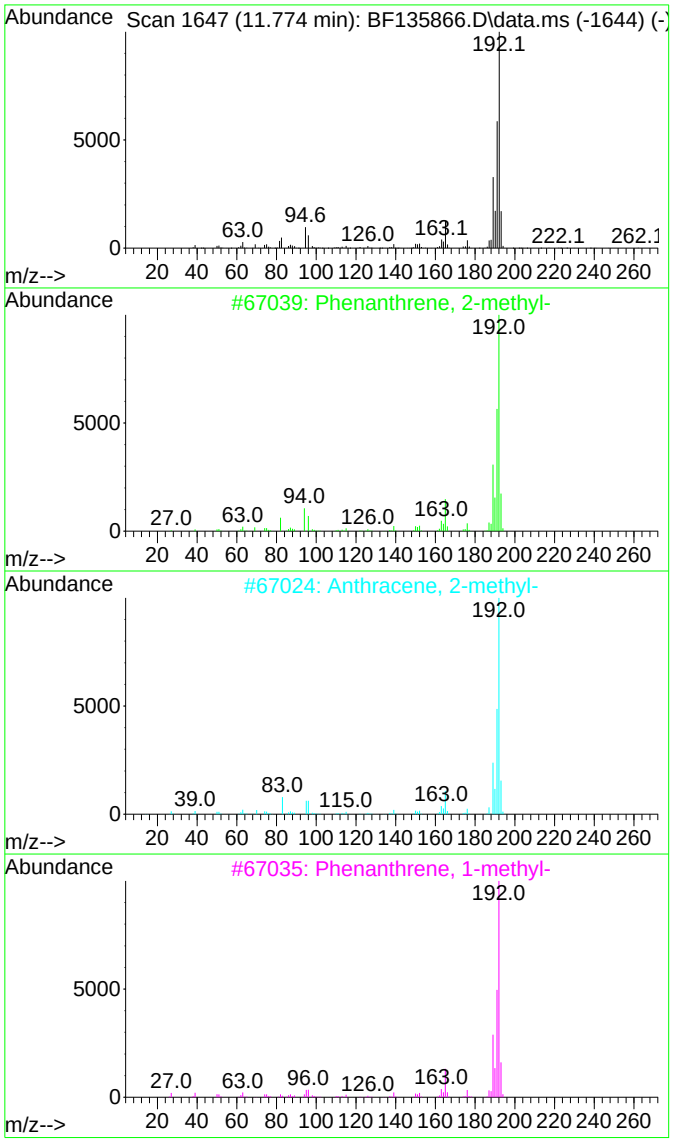
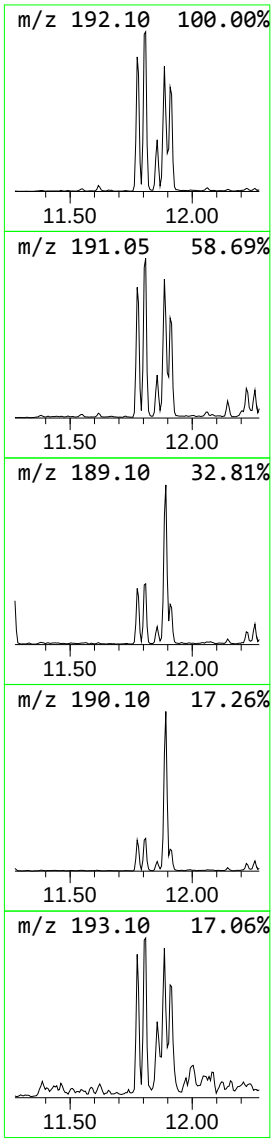
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	17.99 ng	647889	Phenanthrene-d10	11.274

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	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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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

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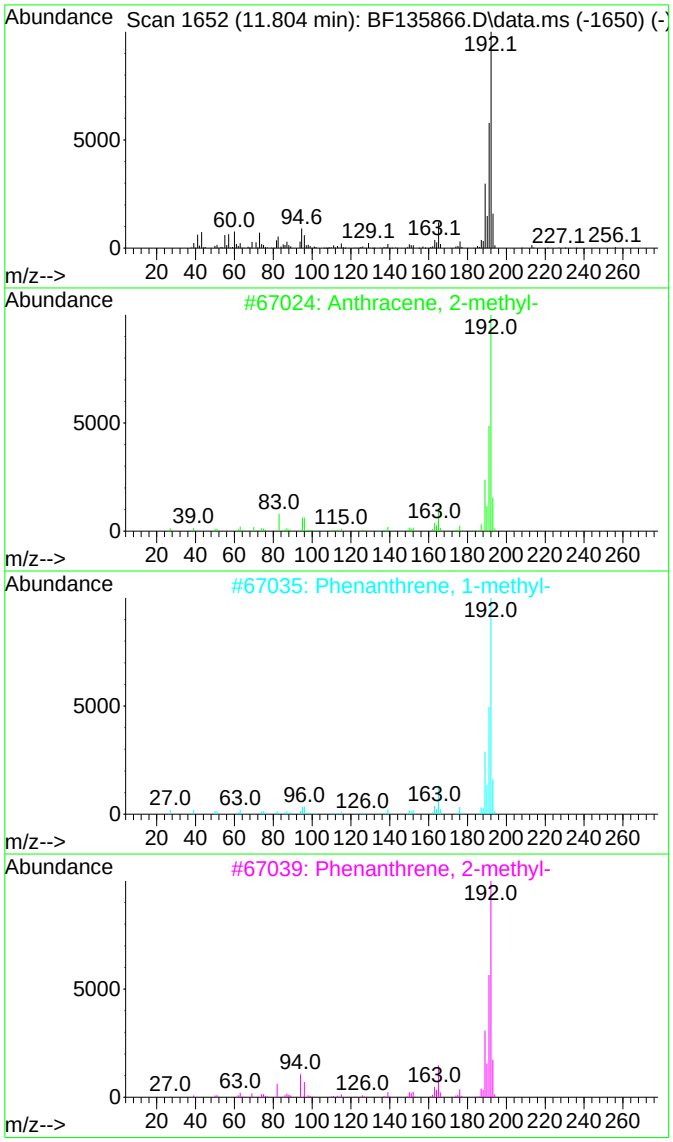
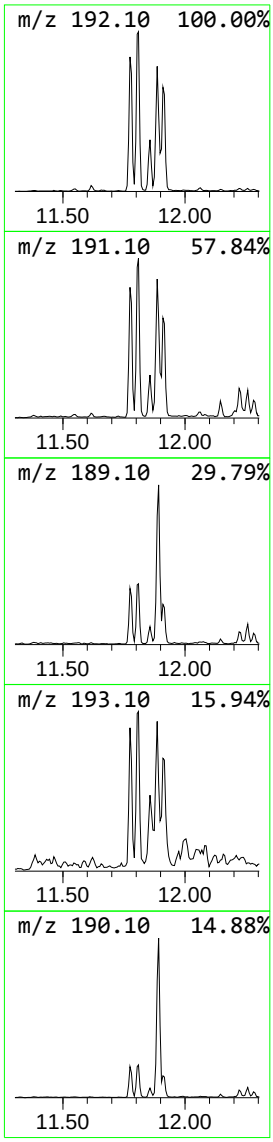
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	23.21 ng	835952	Phenanthrene-d10	11.274

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





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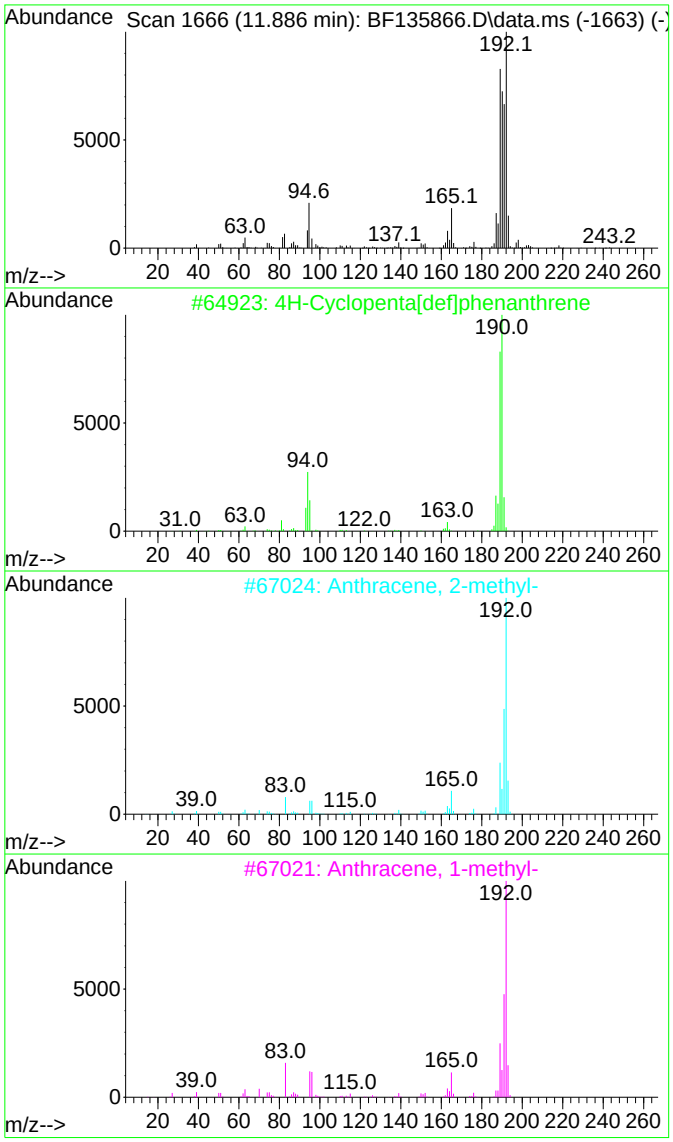
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

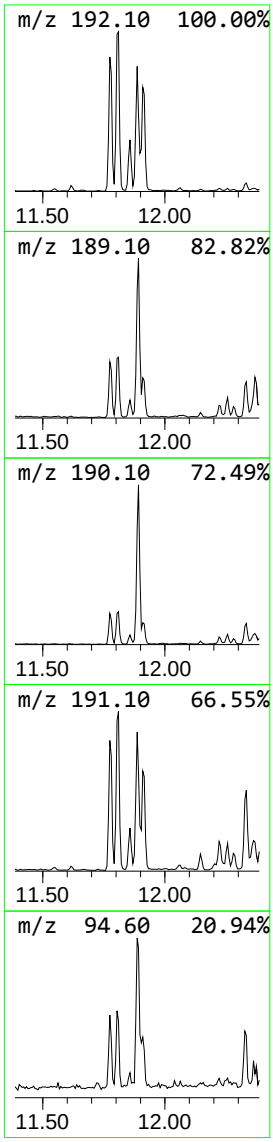
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	27.53 ng	991548	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50





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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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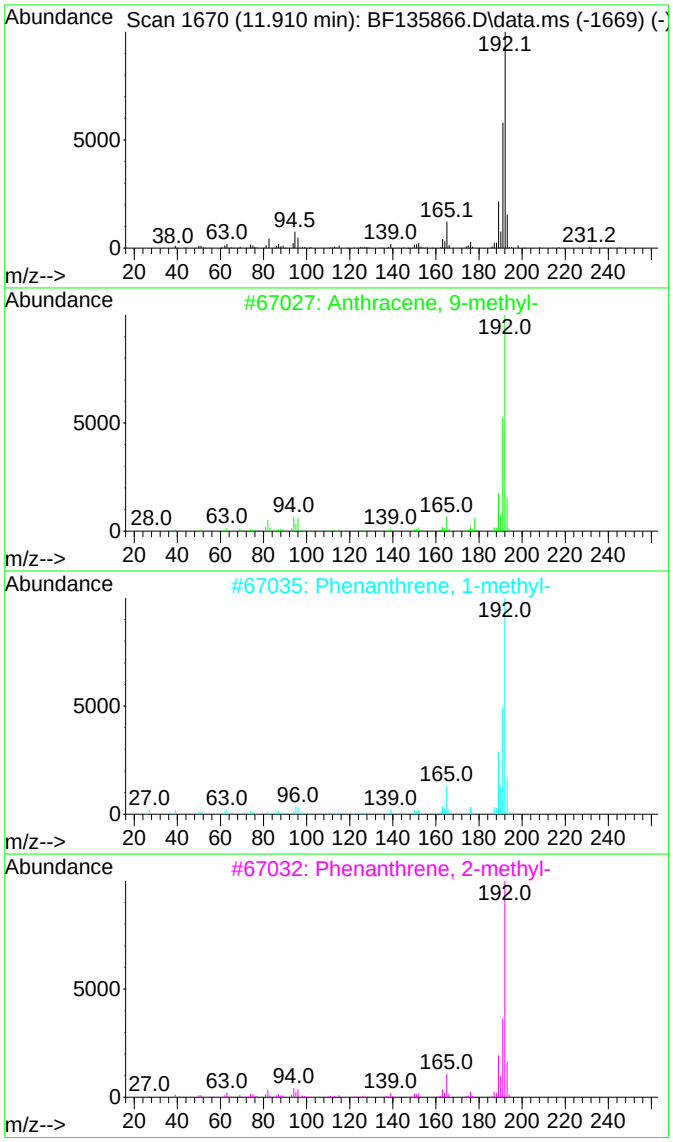
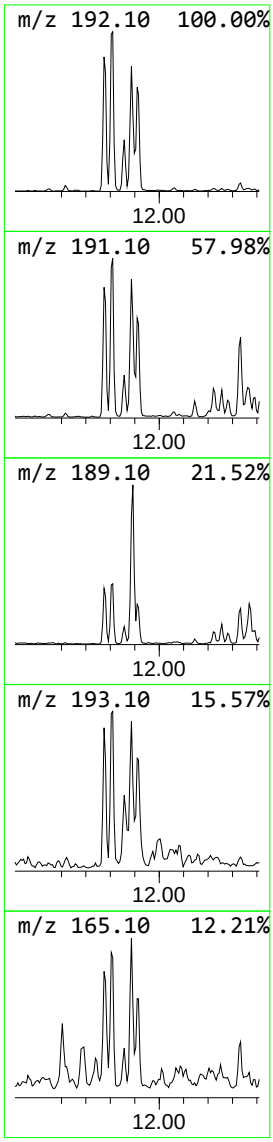
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	9.90 ng	356730	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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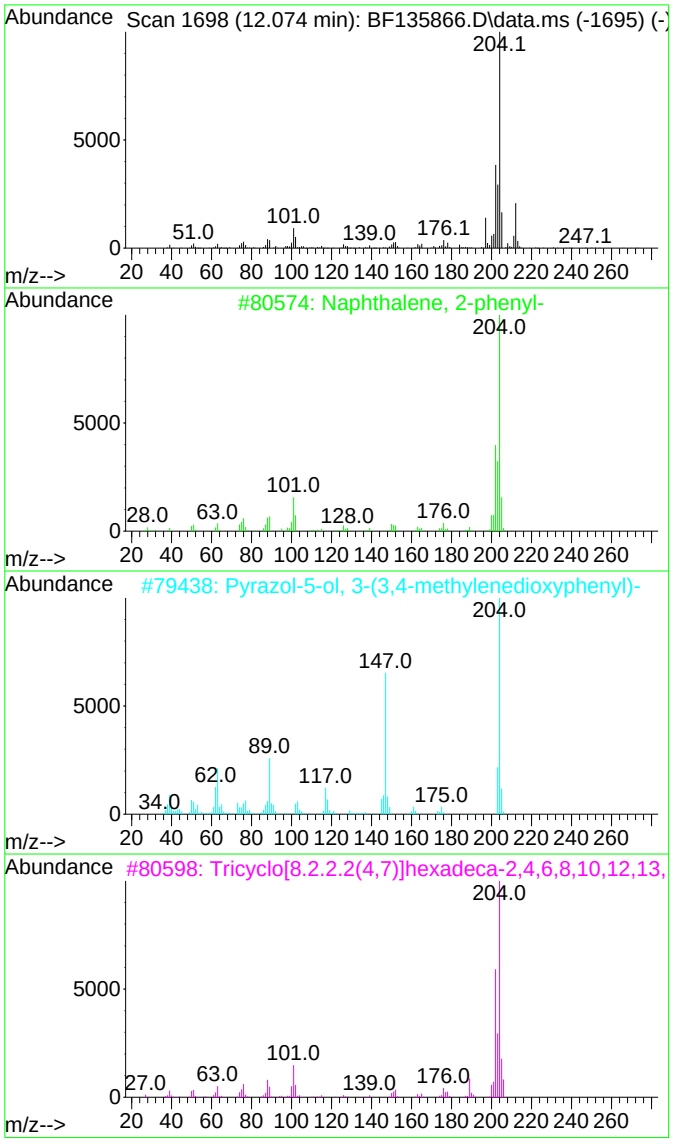
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

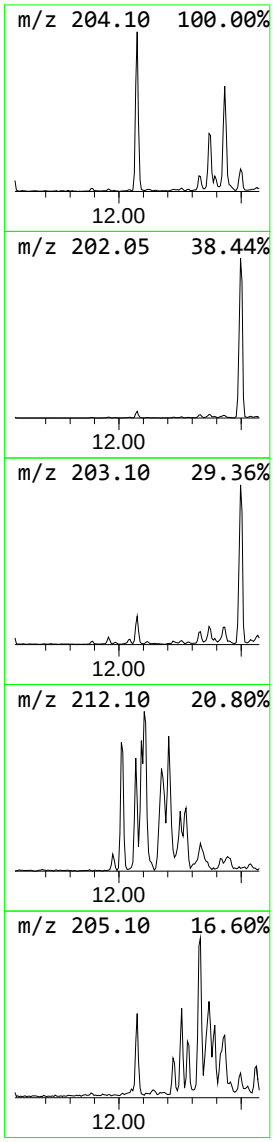
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	9.82 ng	353795	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	46
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	45
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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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

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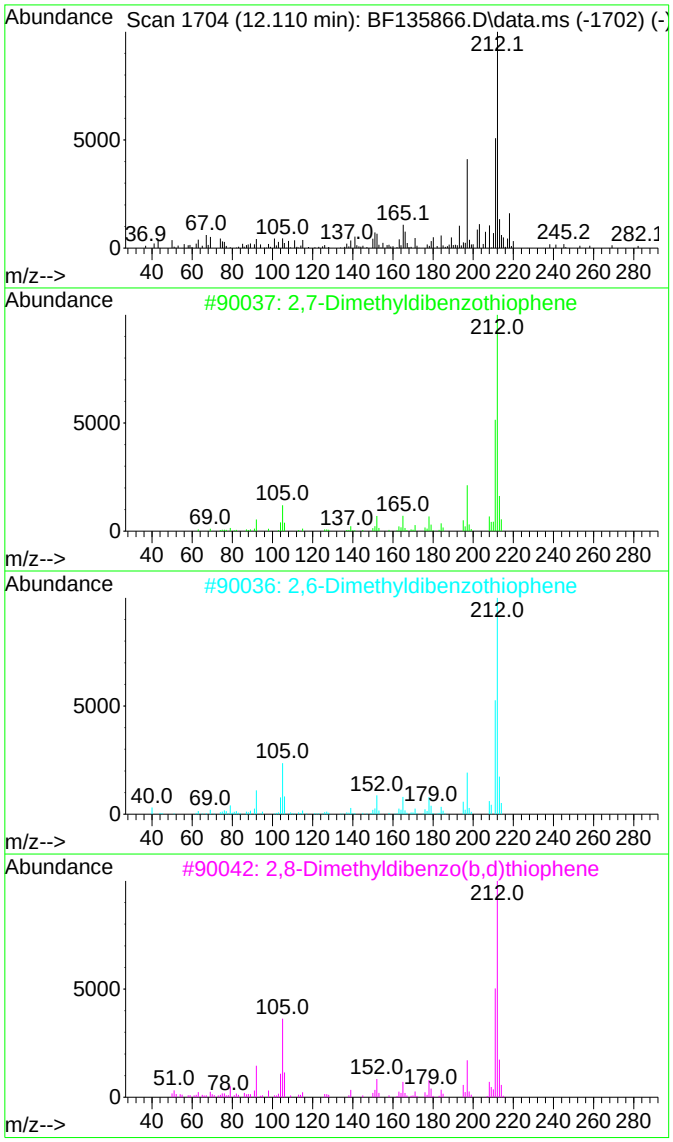
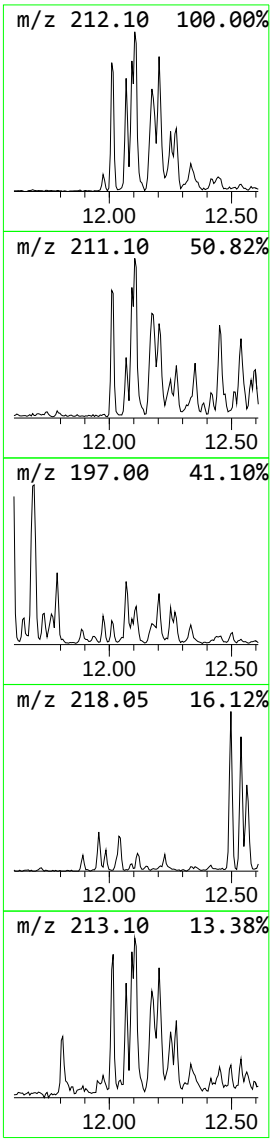
Peak Number 11 2,7-Dimethyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	5.41 ng	194920	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	76
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	70
3	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	70
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	70
5	1,3-Dimethyldibenzothiophene	212	C14H12S	1010383-55-0	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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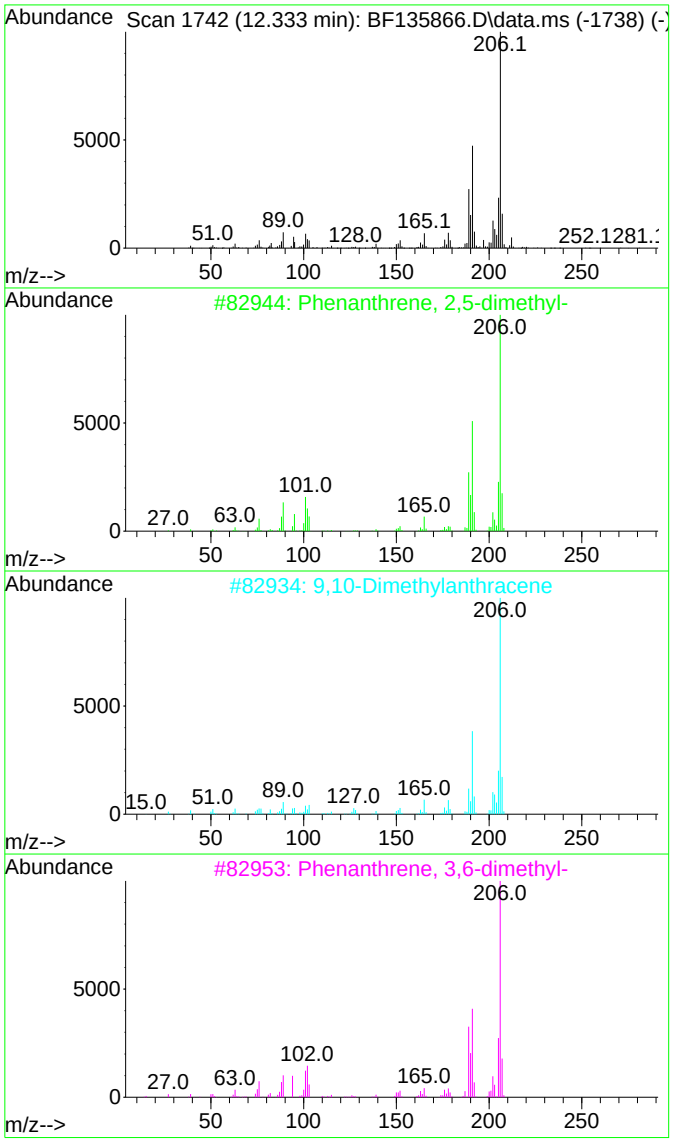
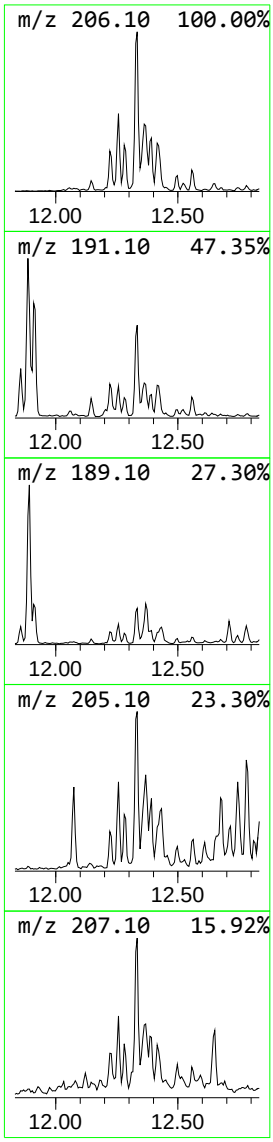
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	16.31 ng	587308	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	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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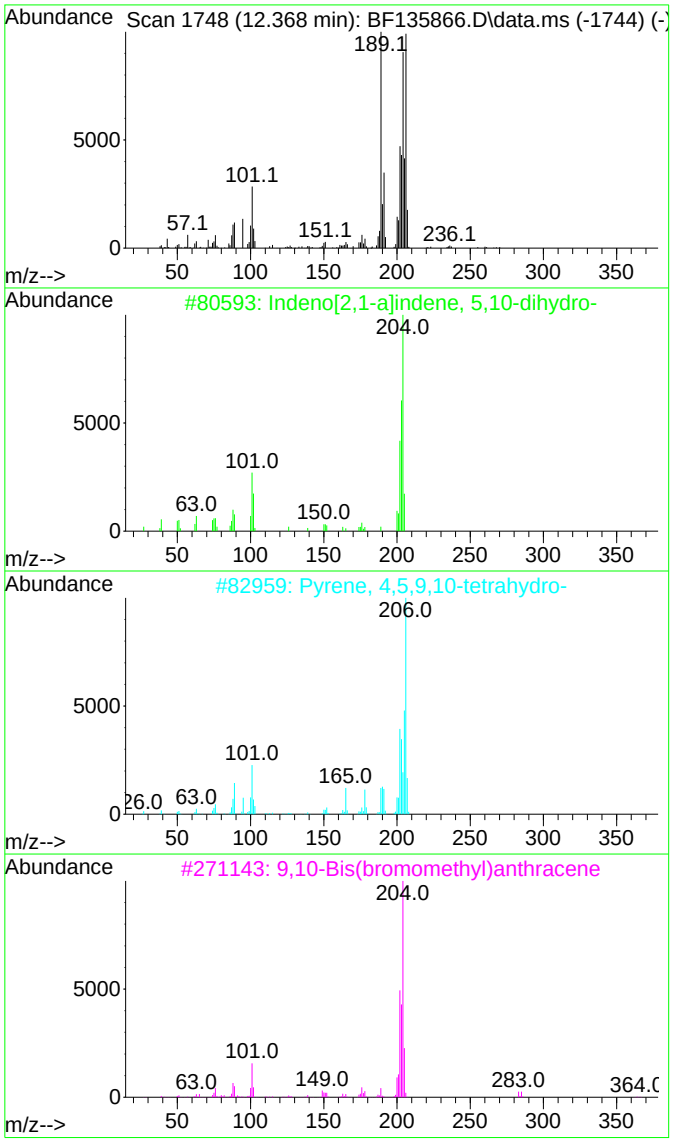
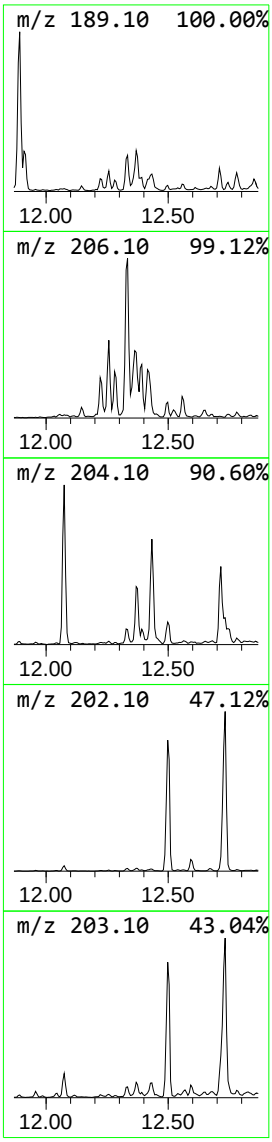
Peak Number 13 unknown12.368 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	8.34 ng	300303	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30





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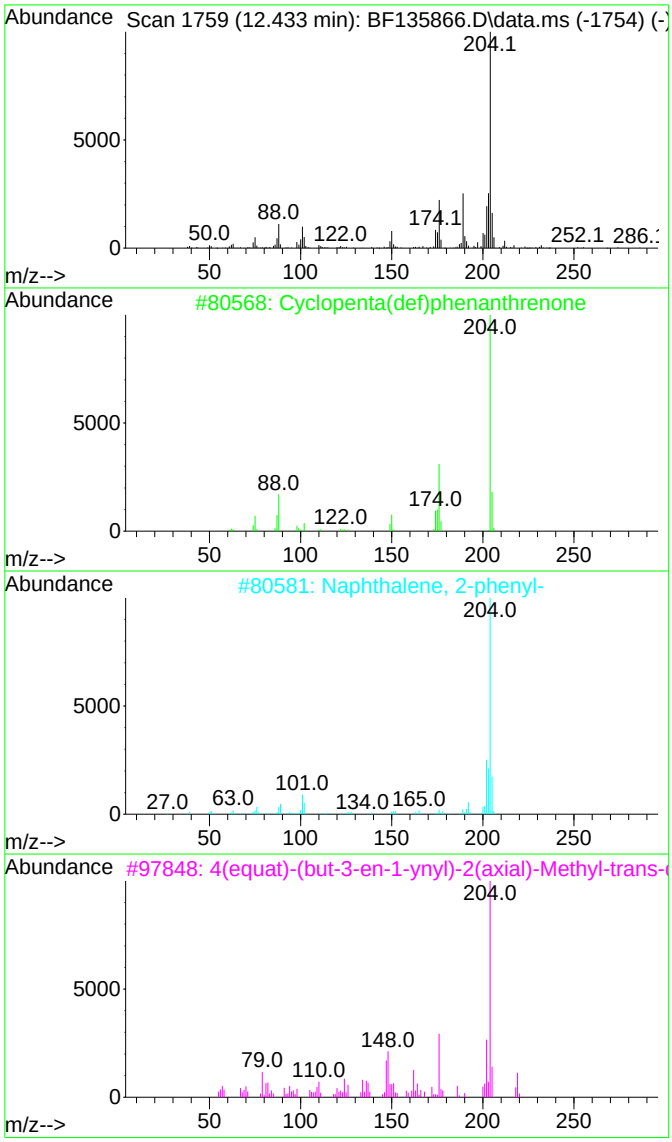
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

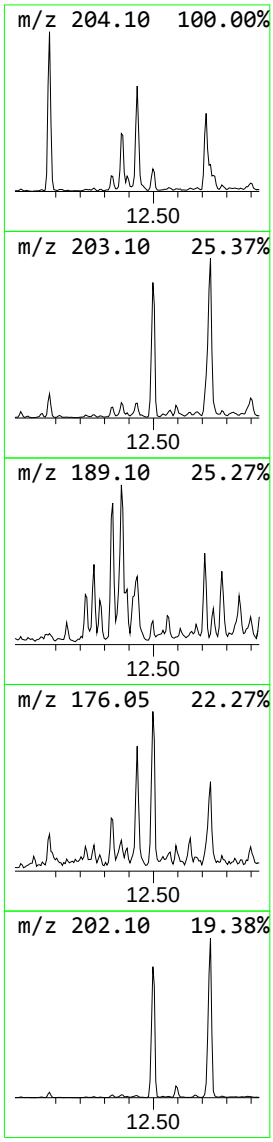
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	10.34 ng	372323	Phenanthrene-d10	11.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
3	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	4-Methyl-1H-benzimidazole, 1TMS ...	204	C11H16N2Si	1000486-24-6	47





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TIC Library : C:\Database\NIST20.L
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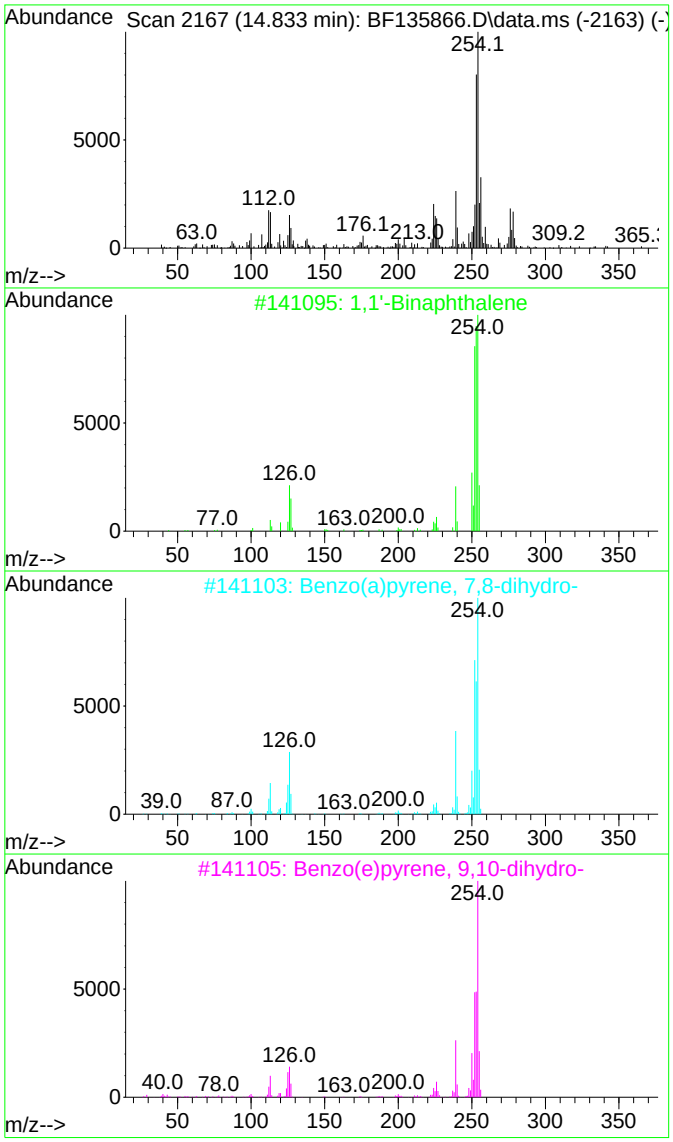
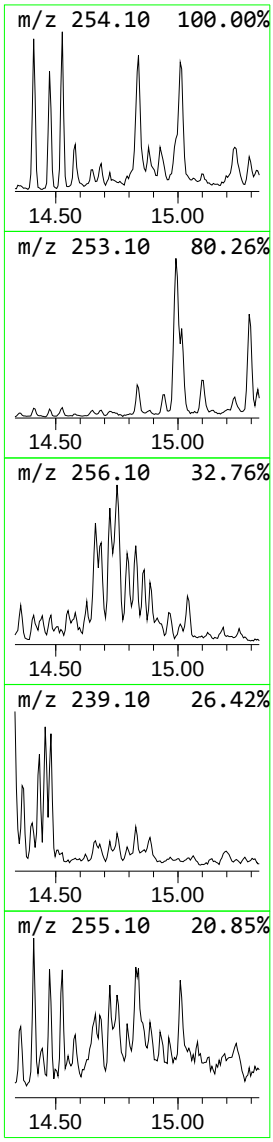
Peak Number 16 1,1'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	7.18 ng	181203	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	86
2	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	86
3	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	78
4	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	70
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	62





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TIC Library : C:\Database\NIST20.L
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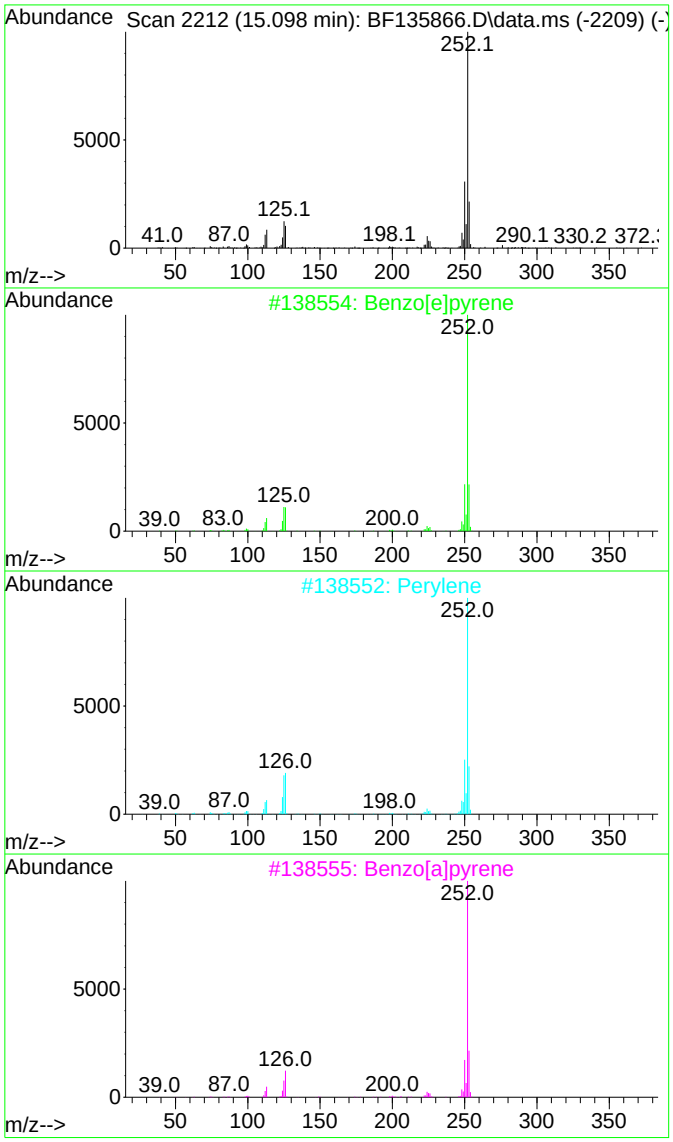
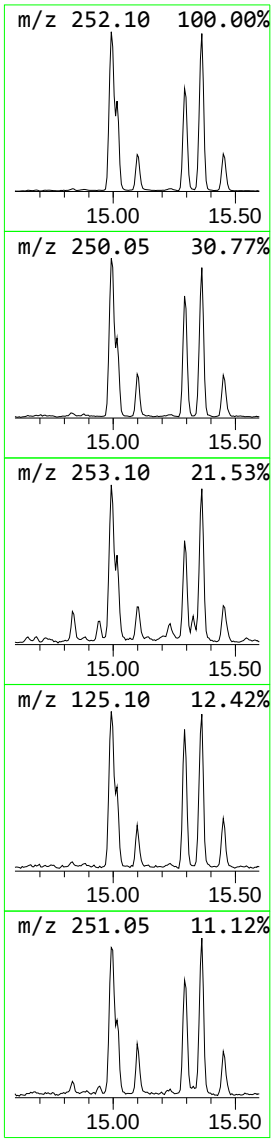
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	10.21 ng	257445	Perylene-d12	15.421

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	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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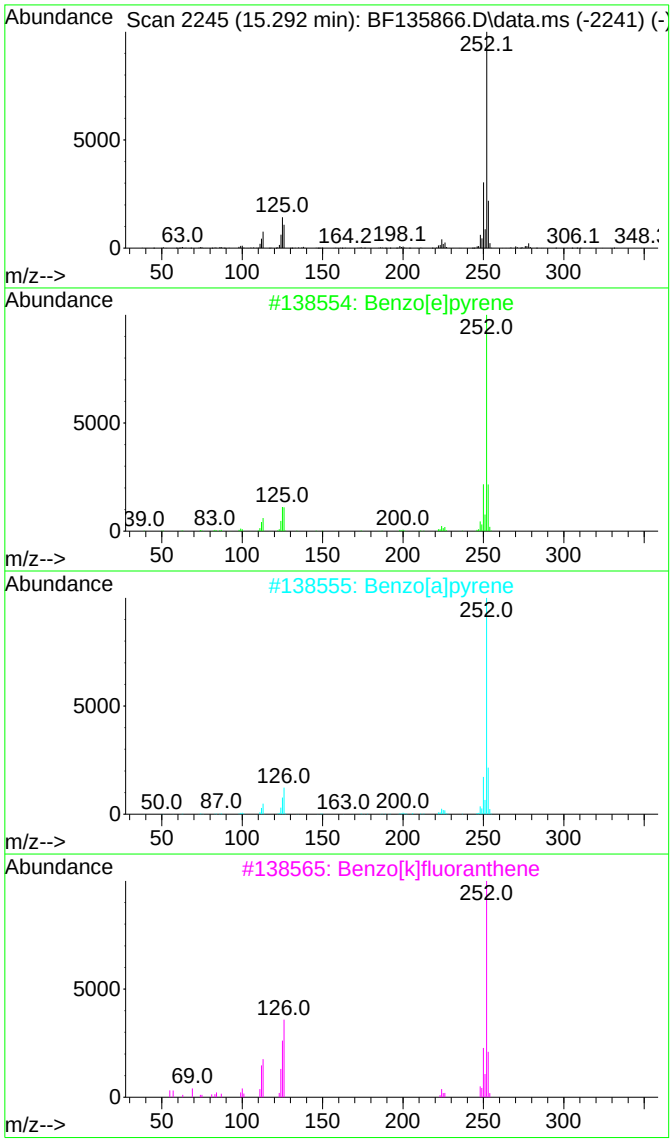
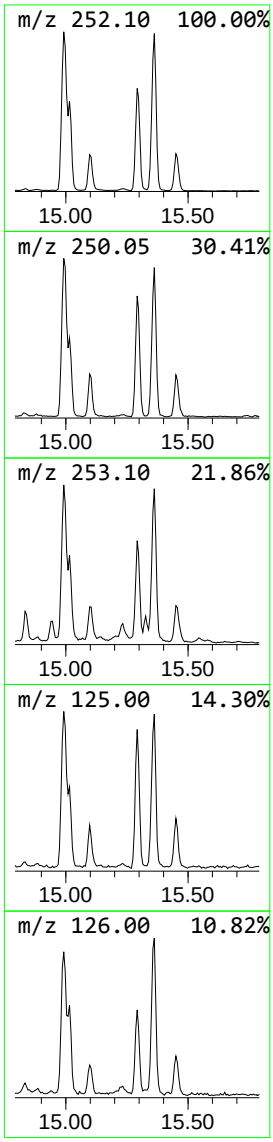
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	29.83 ng	752430	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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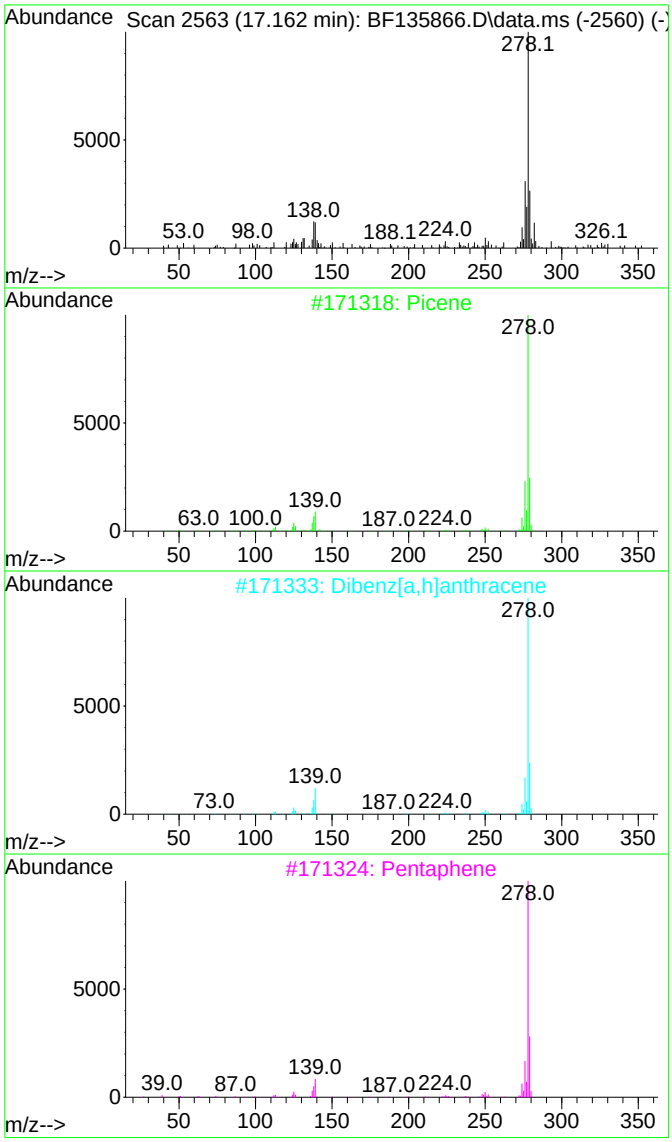
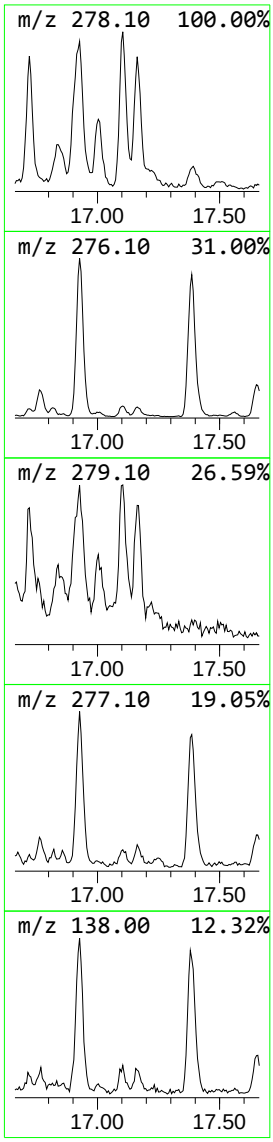
Peak Number 19 Picene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.162	5.44 ng	137103	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	92
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
3	Pentaphene	278	C22H14	000222-93-5	70
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	70
5	Pentacene	278	C22H14	000135-48-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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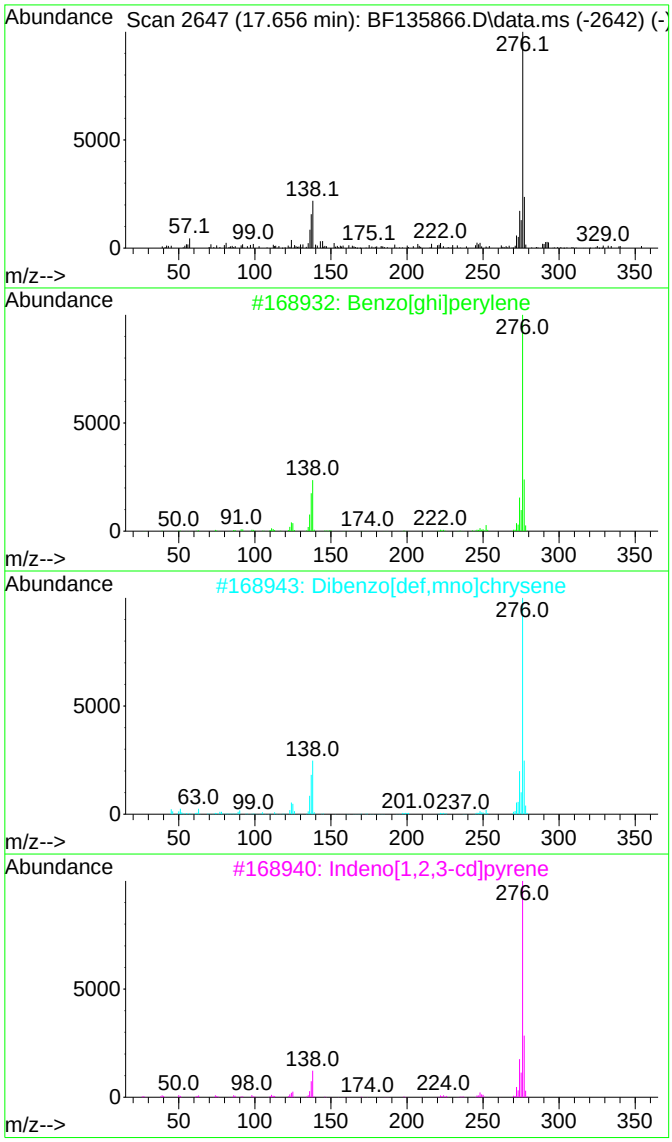
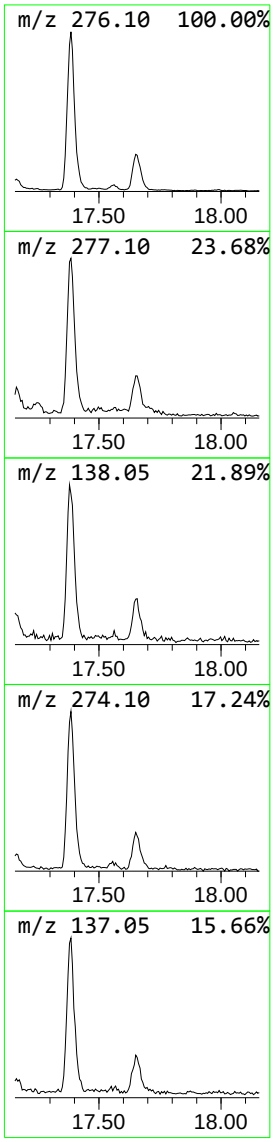
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.656	6.51 ng	164139	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5	1,3,5-Triazin-2-amine, N-isoprop...	276	C14H24N6	1000276-80-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135866.D
Acq On : 19 Oct 2023 00:59
Operator : CG\JU
Sample : 04767-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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-Pentanone, 4-...	4.969	5.6	ng	172626	1	6.739	617379	20.0
9H-Fluorene, 2-...	10.880	5.7	ng	204556	4	11.274	720317	20.0
Dibenzothiophene	11.169	9.6	ng	345300	4	11.274	720317	20.0
1-Methyldibenzo...	11.604	10.5	ng	377370	4	11.274	720317	20.0
4-Methylnaphtho...	11.686	8.3	ng	299009	4	11.274	720317	20.0
Phenanthrene, 2...	11.774	18.0	ng	647889	4	11.274	720317	20.0
Anthracene, 2-m...	11.804	23.2	ng	835952	4	11.274	720317	20.0
4H-Cyclopenta[d...	11.886	27.5	ng	991548	4	11.274	720317	20.0
Anthracene, 9-m...	11.910	9.9	ng	356730	4	11.274	720317	20.0
Naphthalene, 2-...	12.074	9.8	ng	353795	4	11.274	720317	20.0
2,7-Dimethyldib...	12.110	5.4	ng	194920	4	11.274	720317	20.0
Phenanthrene, 2...	12.333	16.3	ng	587308	4	11.274	720317	20.0
unknown12.368	12.368	8.3	ng	300303	4	11.274	720317	20.0
Cyclopenta(def)...	12.433	10.3	ng	372323	4	11.274	720317	20.0
1,1'-Binaphthalene	14.833	7.2	ng	181203	6	15.421	504435	20.0
Benzo[e]pyrene	15.098	10.2	ng	257445	6	15.421	504435	20.0
Benzo[j]fluoran...	15.292	29.8	ng	752430	6	15.421	504435	20.0
Picene	17.162	5.4	ng	137103	6	15.421	504435	20.0
Dibenzo[def,mno...	17.656	6.5	ng	164139	6	15.421	504435	20.0