LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134140.D
Acq On : 07 Jul 2023 16:24
Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	362296	380469	25.01%	1.972%
2	2.228	22	24	31	rVB6	9909	15468	1.02%	0.080%
3	5.069	504	507	515	rBV	40256	46265	3.04%	0.240%
4	5.475	572	576	585	rBV	571017	582851	38.31%	3.020%
5	6.475	743	746	759	rVB	673862	587232	38.60%	3.043%
6	6.845	805	809	816	rBV	745845	624917	41.07%	3.238%
7	7.404	900	904	908	rBV	416703	361817	23.78%	1.875%
8	7.875	974	984	988	rBV8	6693	17694	1.16%	0.092%
9	8.122	1023	1026	1029	rBV	925989	767740	50.46%	3.978%
10	8.145	1029	1030	1034	rVV	73723	43242	2.84%	0.224%
11	8.181	1034	1036	1044	rVB4	12456	18360	1.21%	0.095%
12	8.839	1145	1148	1151	rBV	38899	33734	2.22%	0.175%
13	8.934	1162	1164	1168	rVB	20471	18725	1.23%	0.097%
14	9.198	1206	1209	1218	rBV	918647	710266	46.68%	3.680%
15	9.469	1251	1255	1258	rBV3	13075	17778	1.17%	0.092%
16	9.539	1264	1267	1269	rBV	21183	19628	1.29%	0.102%
17	9.745	1298	1302	1306	rBV	129372	121064	7.96%	0.627%
18	9.881	1322	1325	1329	rBV	878421	720967	47.39%	3.736%
19	9.916	1329	1331	1335	rVB	47405	38247	2.51%	0.198%
20	10.086	1356	1360	1364	rBV2	40828	38424	2.53%	0.199%
21	10.286	1390	1394	1396	rBV3	13107	15312	1.01%	0.079%
22	10.433	1415	1419	1424	rBV2	44720	48739	3.20%	0.253%
23	10.598	1443	1447	1450	rBV2	117128	105324	6.92%	0.546%
24	10.675	1456	1460	1471	rVB	358125	342550	22.51%	1.775%
25	10.798	1476	1481	1485	rBV3	47416	61617	4.05%	0.319%
26	10.910	1496	1500	1503	rBV3	17208	15788	1.04%	0.082%
27	10.980	1508	1512	1515	rBV4	17944	23918	1.57%	0.124%
28	11.110	1531	1534	1536	rBV2	26955	23048	1.51%	0.119%
29	11.133	1536	1538	1543	rVV2	28185	31142	2.05%	0.161%
30	11.180	1543	1546	1550	rVV2	31130	32524	2.14%	0.169%
31	11.233	1550	1555	1558	rVV4	23061	39337	2.59%	0.204%
32	11.269	1558	1561	1566	rVB2	30512	36121	2.37%	0.187%
33	11.375	1576	1579	1582	rBV	700635	672611	44.21%	3.485%
34	11.398	1582	1583	1587	rVV	349189	271784	17.86%	1.408%
35	11.451	1589	1592	1595	rVV	196734	170534	11.21%	0.884%
36	11.480	1595	1597	1601	rVB2	28360	31594	2.08%	0.164%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.616	1615	1620	1621	rBV	38547	51310	3.37%	0.266%
38	11.669	1627	1629	1634	rVB2	27659	33439	2.20%	0.173%
39	11.710	1634	1636	1641	rVB4	14000	19146	1.26%	0.099%
40	11.880	1662	1665	1667	rBV	77722	71032	4.67%	0.368%
41	11.910	1667	1670	1674	rVV2	149050	142686	9.38%	0.739%
42	11.957	1674	1678	1681	rVV2	55460	60084	3.95%	0.311%
43	11.992	1681	1684	1687	rVV	118308	138656	9.11%	0.718%
44	12.016	1687	1688	1692	rVB	70454	47370	3.11%	0.245%
45	12.069	1694	1697	1698	rBV3	16532	15230	1.00%	0.079%
46	12.180	1714	1716	1718	rVB	45076	35005	2.30%	0.181%
47	12.204	1718	1720	1726	rVB	41472	45198	2.97%	0.234%
48	12.327	1736	1741	1744	rBV3	37699	46299	3.04%	0.240%
49	12.363	1744	1747	1749	rVV	45737	37009	2.43%	0.192%
50	12.386	1749	1751	1753	rVB	37349	28403	1.87%	0.147%
51	12.433	1756	1759	1762	rBV	101402	109375	7.19%	0.567%
52	12.469	1763	1765	1768	rVV2	52168	53605	3.52%	0.278%
53	12.492	1768	1769	1771	rVB	36257	21556	1.42%	0.112%
54	12.522	1771	1774	1780	rVB	79521	77183	5.07%	0.400%
55	12.598	1783	1787	1791	rBV	1512723	1382821	90.89%	7.166%
56	12.639	1791	1794	1796	rVV2	152756	127596	8.39%	0.661%
57	12.692	1801	1803	1806	rBV	62160	60929	4.00%	0.316%
58	12.751	1811	1813	1815	rVB	26412	19290	1.27%	0.100%
59	12.792	1817	1820	1822	rBV	225059	198571	13.05%	1.029%
60	12.833	1822	1827	1832	rVB	1248676	1278469	84.03%	6.625%
61	12.874	1832	1834	1840	rVB3	87272	119117	7.83%	0.617%
62	12.951	1844	1847	1848	rBV	84790	81191	5.34%	0.421%
63	12.969	1848	1850	1858	rVB	580443	622284	40.90%	3.225%
64	13.051	1859	1864	1871	rBV4	137319	249704	16.41%	1.294%
65	13.104	1871	1873	1875	rBV2	21813	18965	1.25%	0.098%
66	13.133	1875	1878	1880	rBV3	123070	151576	9.96%	0.785%
67	13.204	1886	1890	1892	rBV4	33797	53665	3.53%	0.278%
68	13.227	1892	1894	1896	rVB	55377	38121	2.51%	0.198%
69	13.263	1896	1900	1903	rBV2	196784	213812	14.05%	1.108%
70	13.322	1908	1910	1913	rVV	41255	35230	2.32%	0.183%
71	13.357	1913	1916	1919	rBV	165152	150494	9.89%	0.780%
72	13.386	1919	1921	1925	rVV2	72523	81188	5.34%	0.421%
73	13.445	1928	1931	1935	rVV2	63150	62133	4.08%	0.322%
74	13.504	1938	1941	1944	rVB	147106	118215	7.77%	0.613%
75	13.551	1945	1949	1951	rBV4	44936	69479	4.57%	0.360%
76	13.674	1967	1970	1975	rBV	284337	256420	16.85%	1.329%

LSC Area Percent Report

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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.780	1985	1988	1991	rBV2	144650	159079	10.46%	0.824%
78	13.810	1991	1993	1995	rVV	121454	105448	6.93%	0.546%
79	13.833	1995	1997	1999	rVV	119292	106021	6.97%	0.549%
80	13.886	2003	2006	2009	rBV	121473	116241	7.64%	0.602%
81	14.033	2027	2031	2035	rBV2	1017987	1521458	100.00%	7.884%
82	14.063	2035	2036	2044	rVB	723963	603608	39.67%	3.128%
83	14.298	2074	2076	2079	rBV3	57392	61559	4.05%	0.319%
84	14.427	2096	2098	2101	rVB	136516	114816	7.55%	0.595%
85	14.463	2101	2104	2107	rBV2	105159	111712	7.34%	0.579%
86	14.551	2117	2119	2122	rBV2	76366	84567	5.56%	0.438%
87	14.821	2163	2165	2169	rBV4	54551	50155	3.30%	0.260%
88	15.098	2208	2212	2216	rBV	546100	883492	58.07%	4.578%
89	15.174	2223	2225	2228	rVB	80974	74982	4.93%	0.389%
90	15.210	2228	2231	2235	rVB	98984	102968	6.77%	0.534%
91	15.415	2262	2266	2272	rVB	252732	327559	21.53%	1.697%
92	15.474	2272	2276	2283	rBV	331596	489594	32.18%	2.537%
93	15.545	2283	2288	2291	rVV	343071	487617	32.05%	2.527%
94	15.574	2291	2293	2301	rVB2	142429	196445	12.91%	1.018%
95	17.080	2545	2549	2556	rVB2	97267	192133	12.63%	0.996%

Sum of corrected areas: 19298141

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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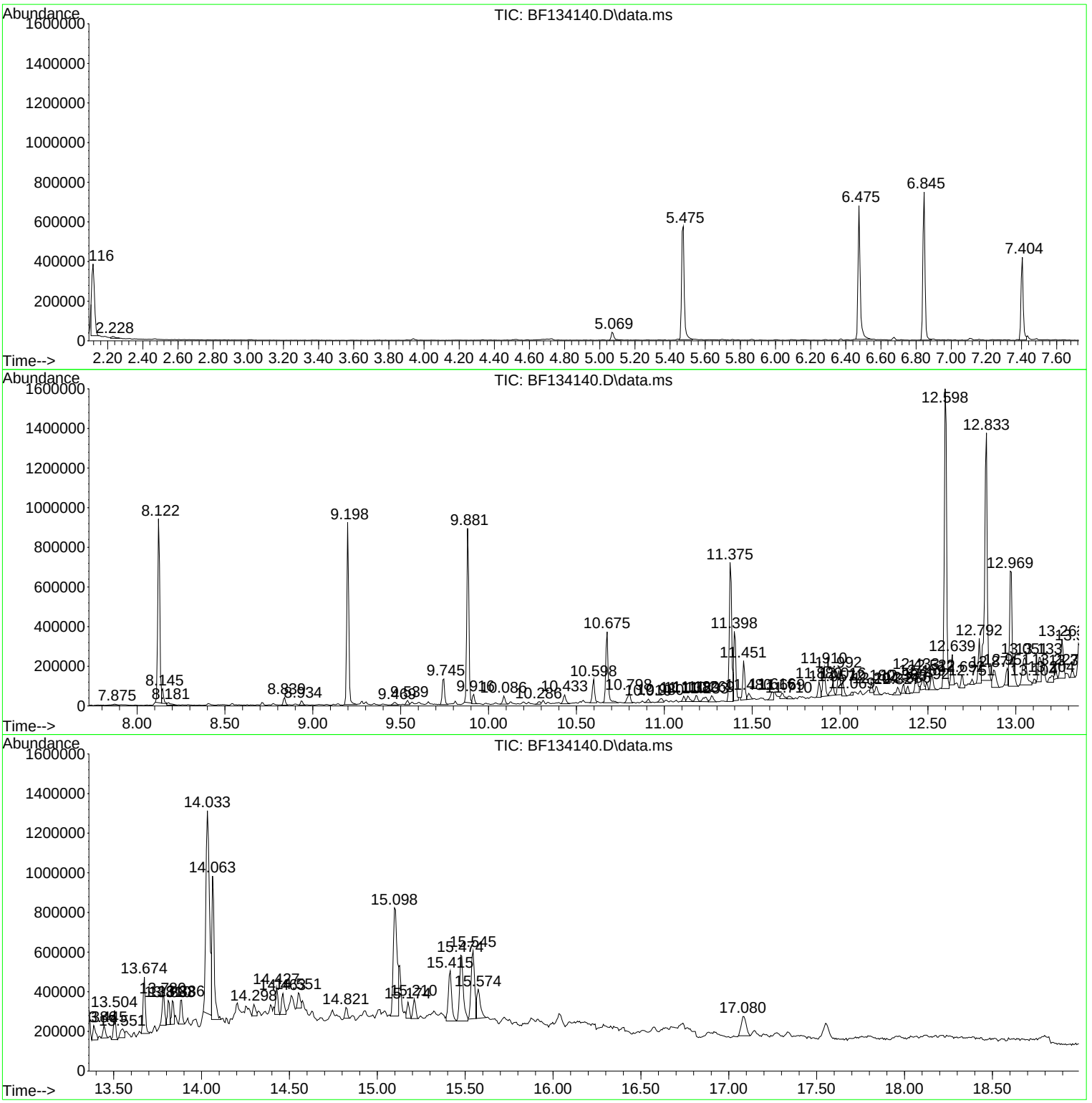
Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF070623\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

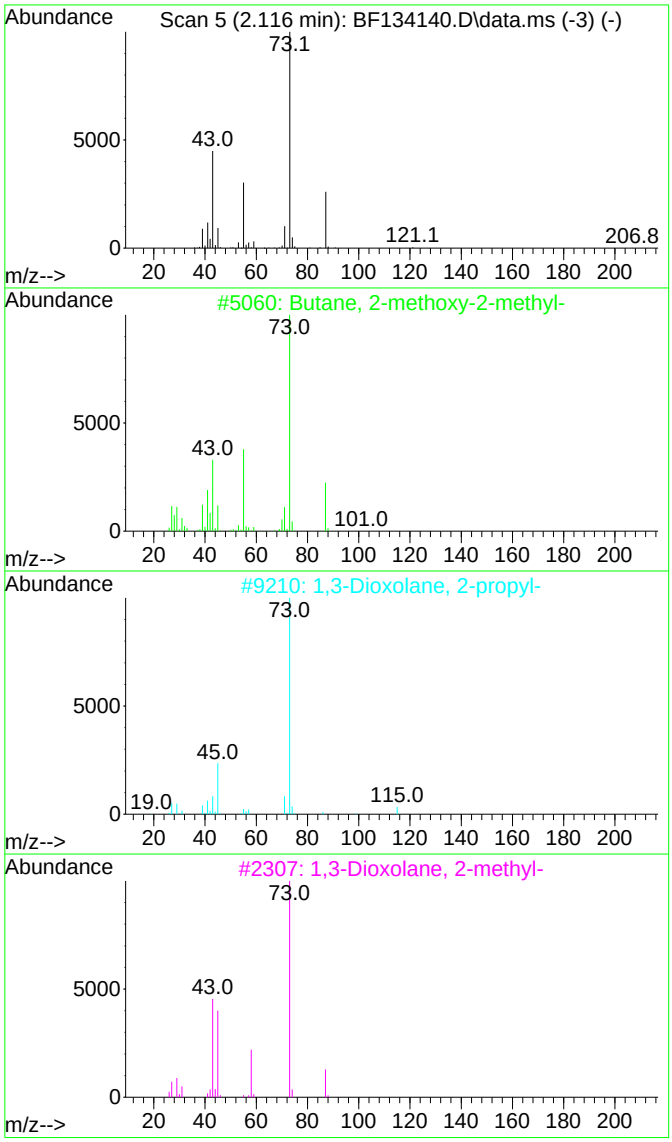
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

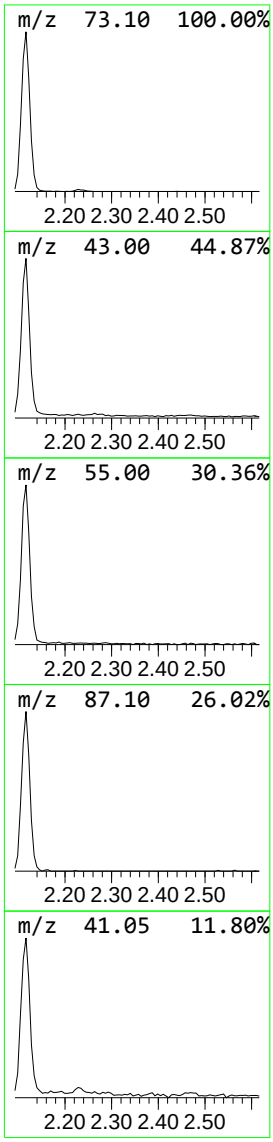
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	12.18 ng	380469	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134140.D
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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

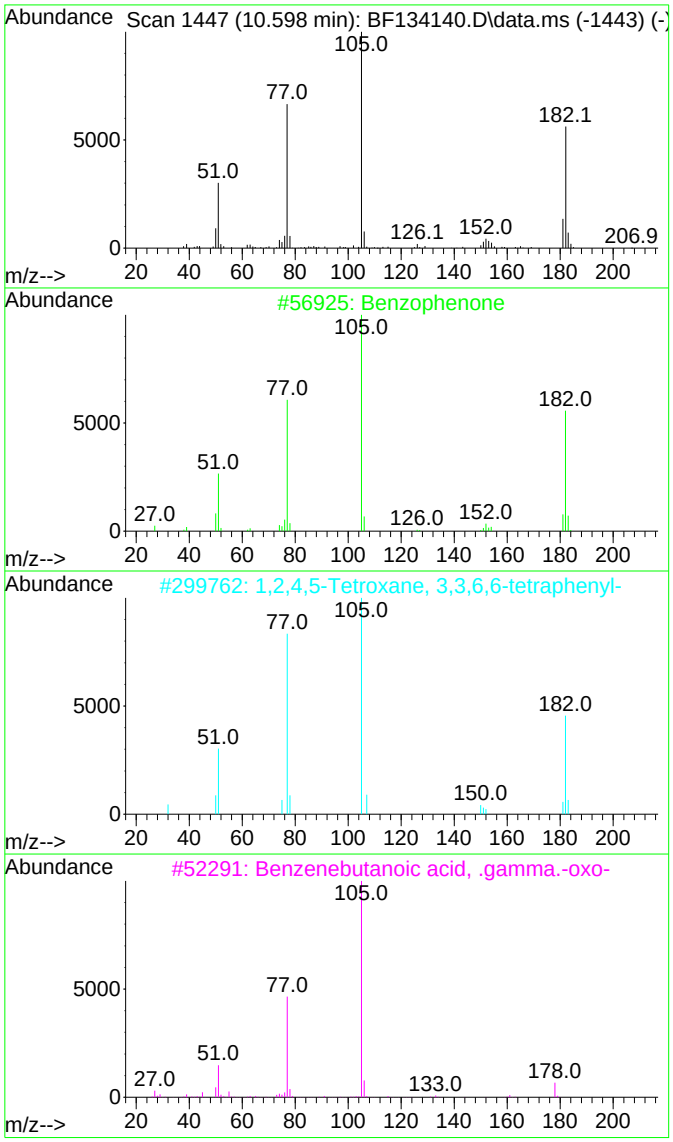
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

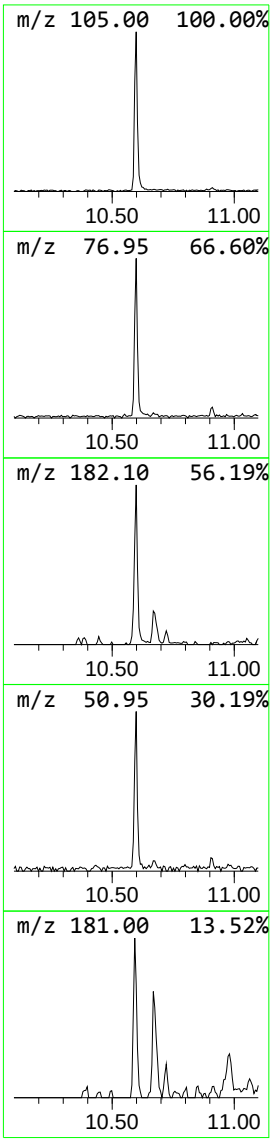
****

Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	2.92 ng	105324	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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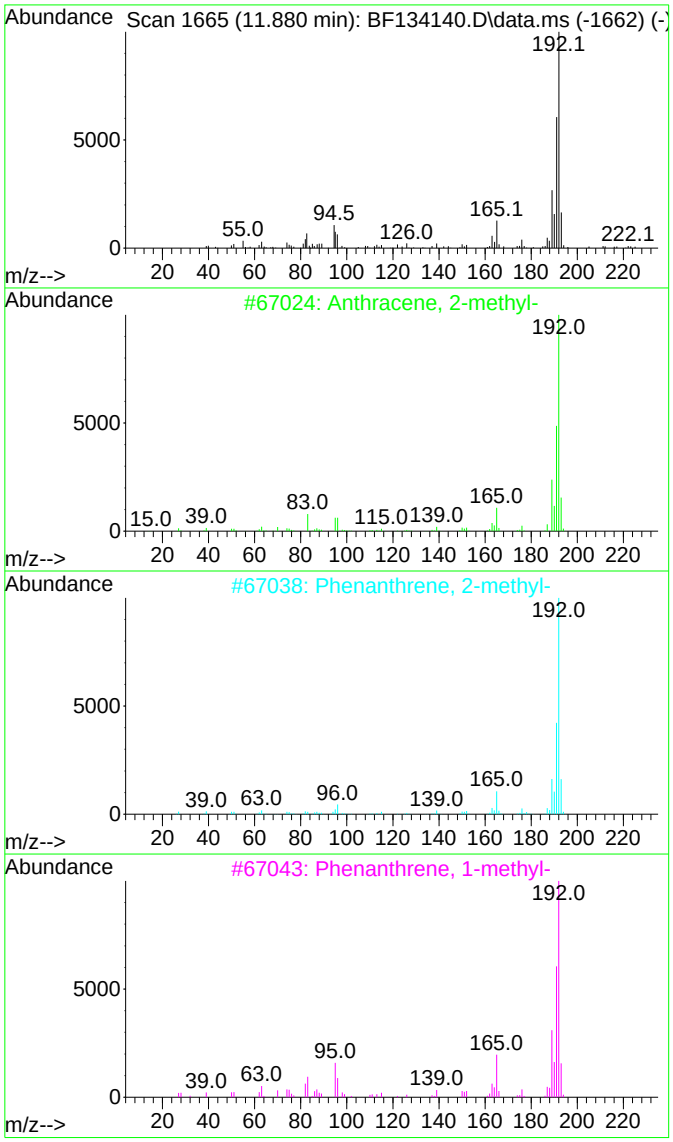
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

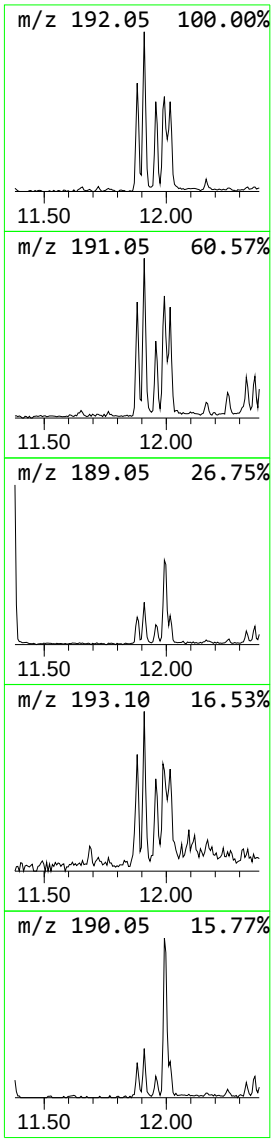
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	2.11 ng	71032	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

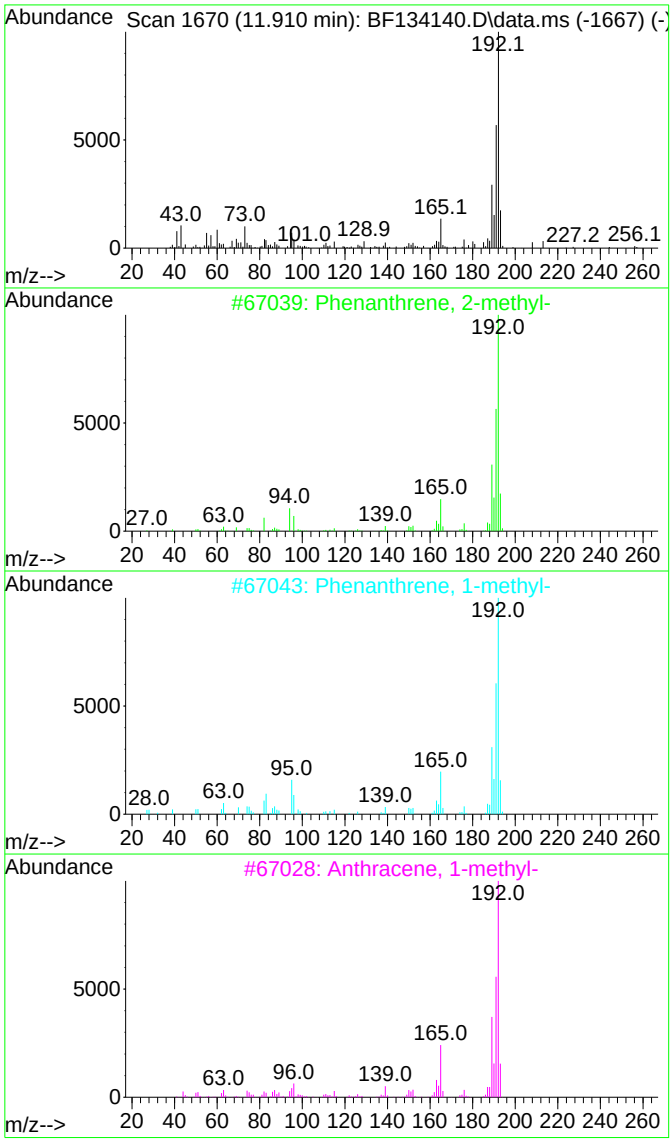
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

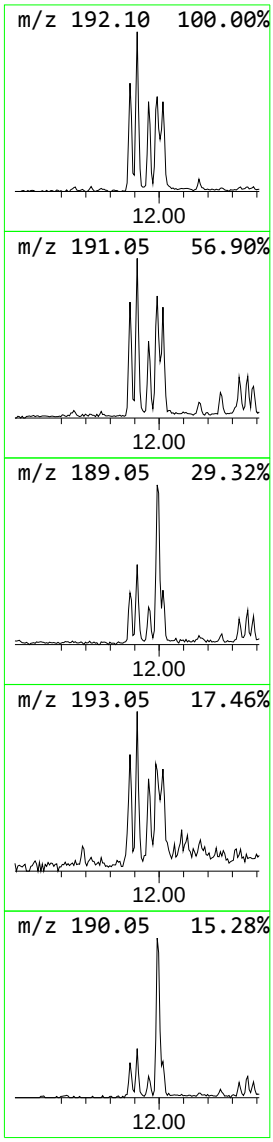
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	4.24 ng	142686	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

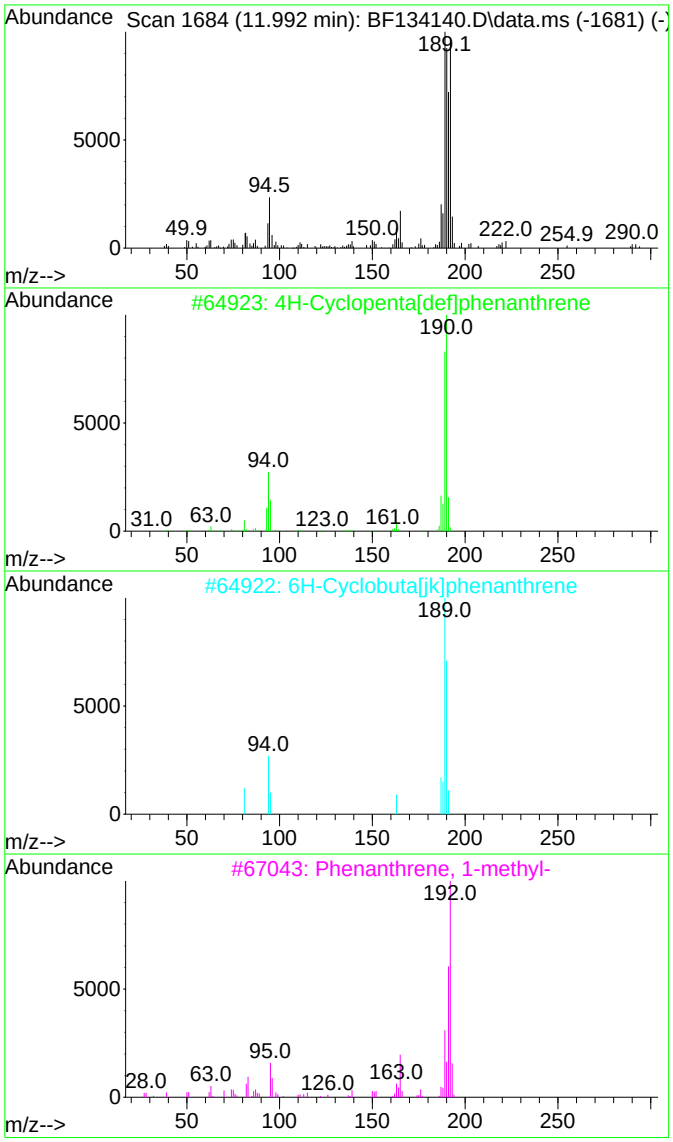
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

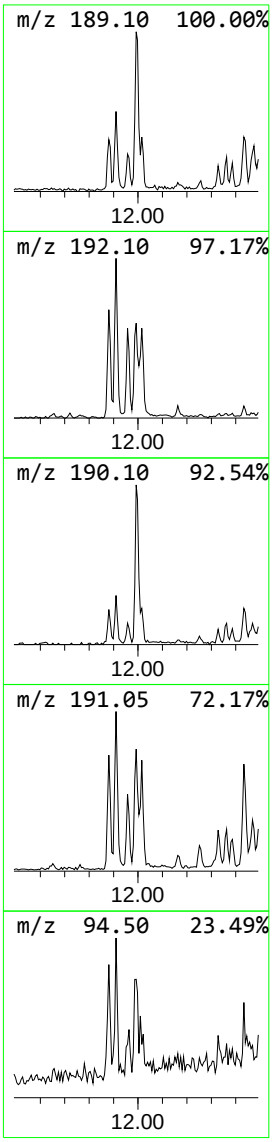
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	4.12 ng	138656	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41





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Acq On : 07 Jul 2023 16:24
Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

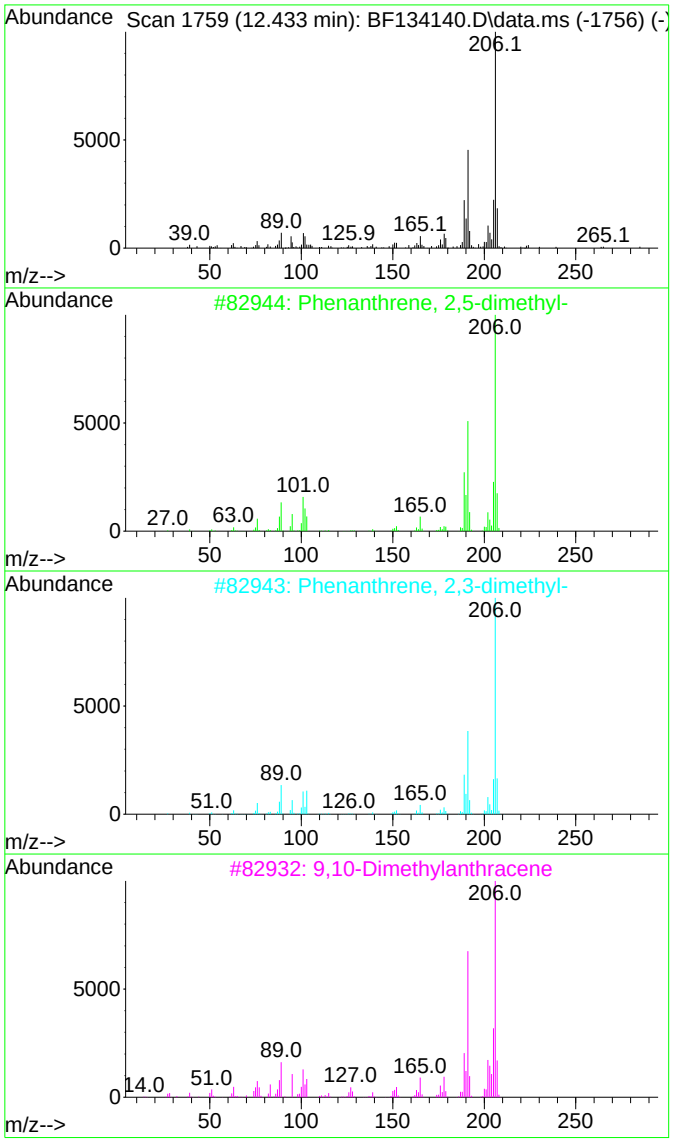
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

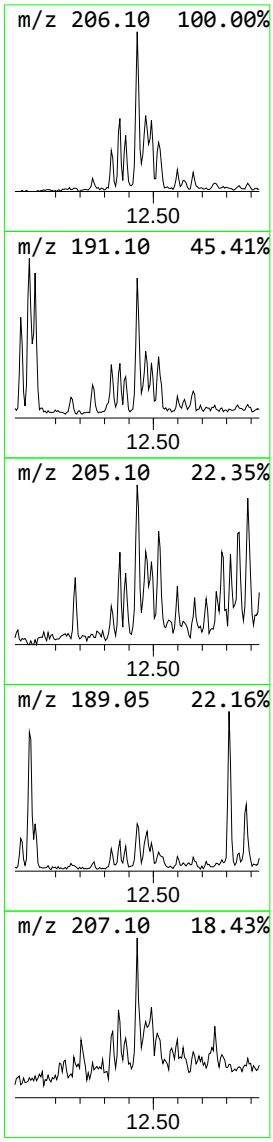
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	3.25 ng	109375	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-19-20

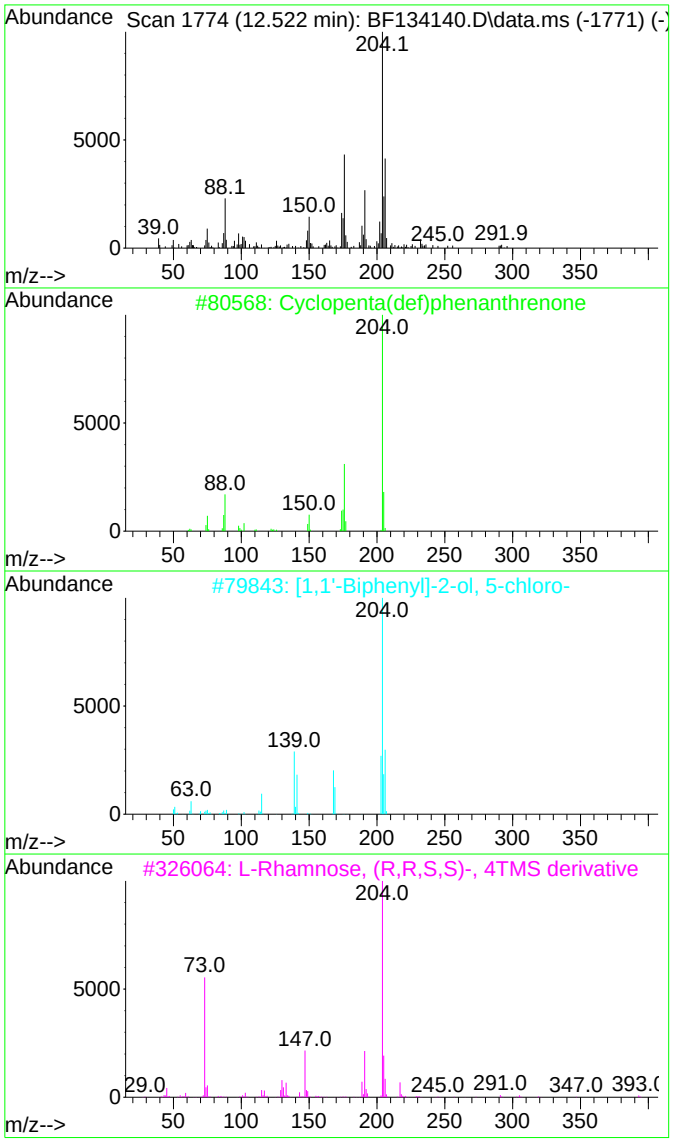
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

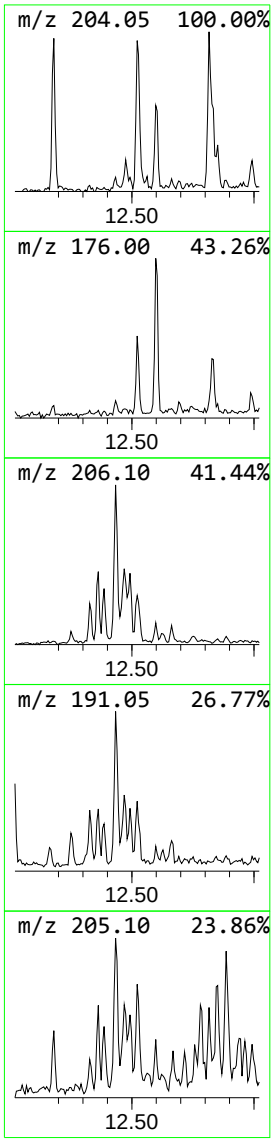
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.30 ng	77183	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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Instrument :
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ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

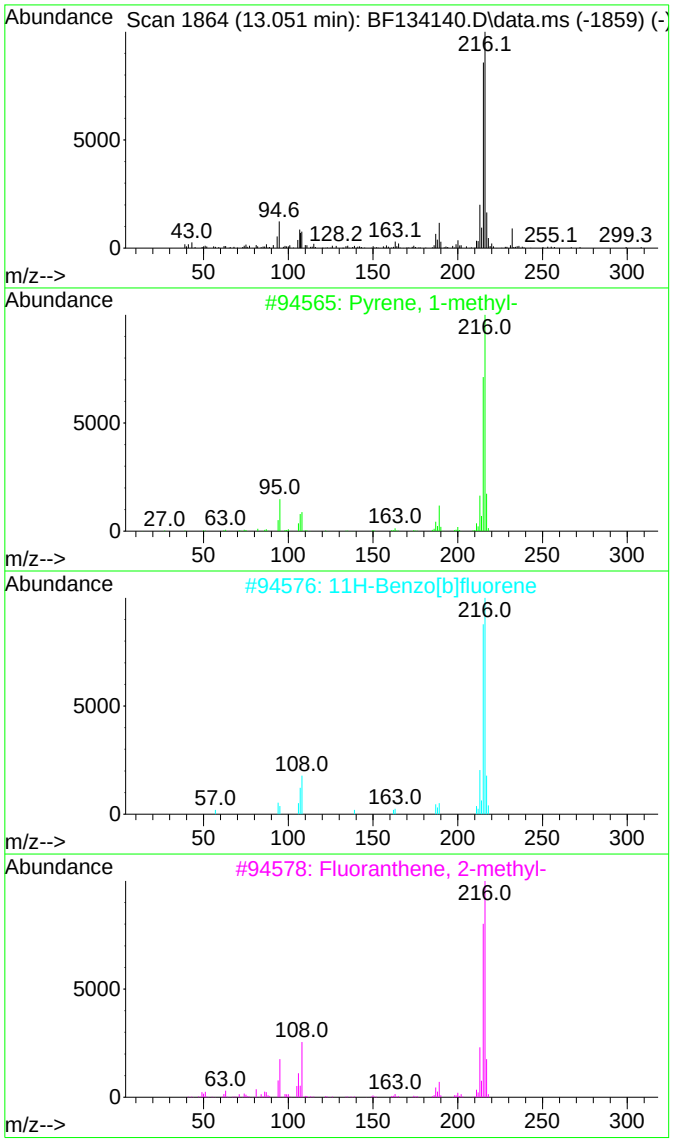
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

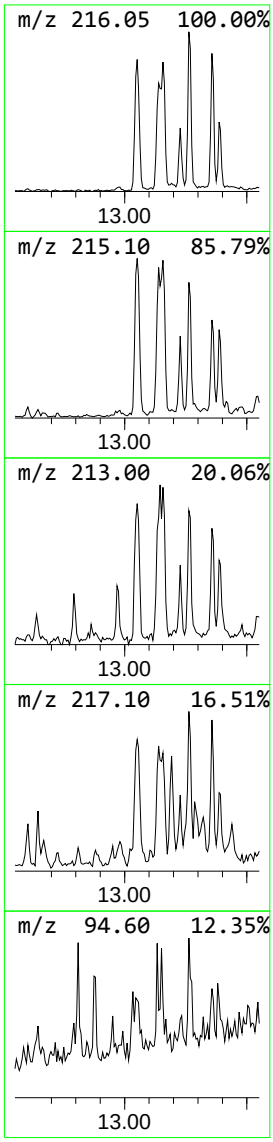
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	3.28 ng	249704	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
COMPOSIT-SB-19-20

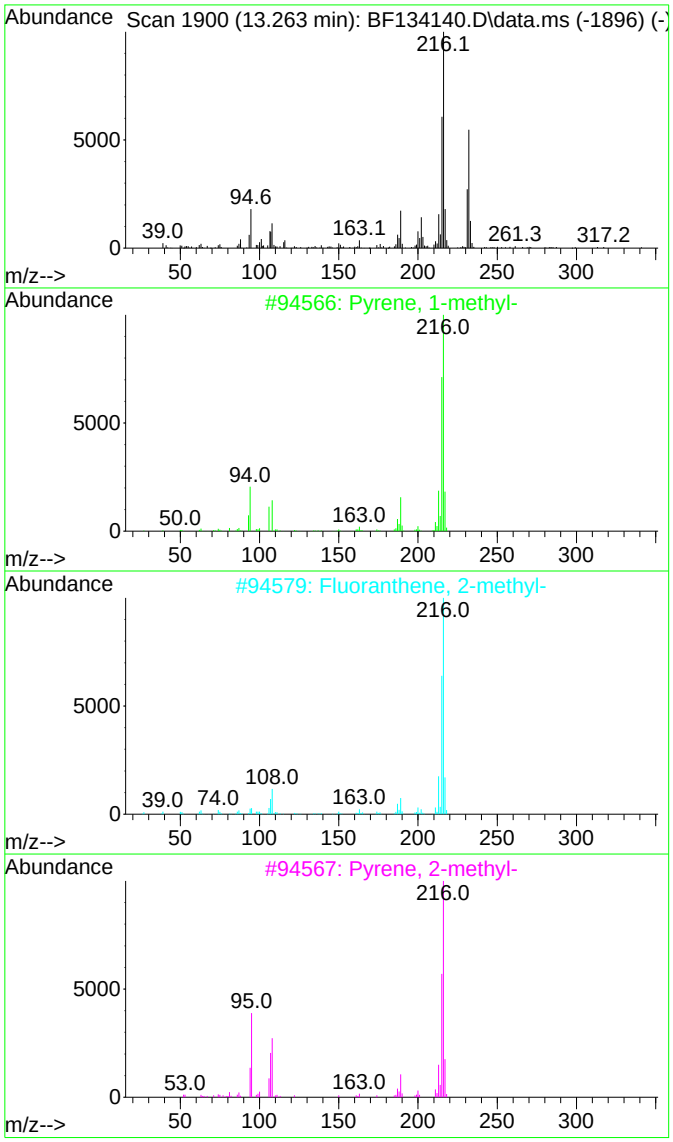
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

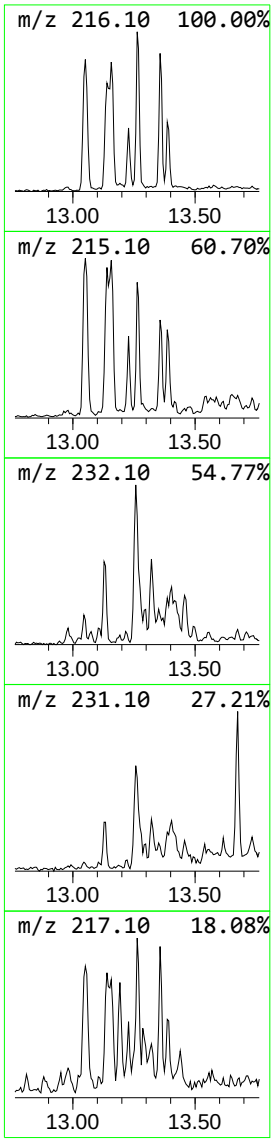
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	2.81 ng	213812	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60





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Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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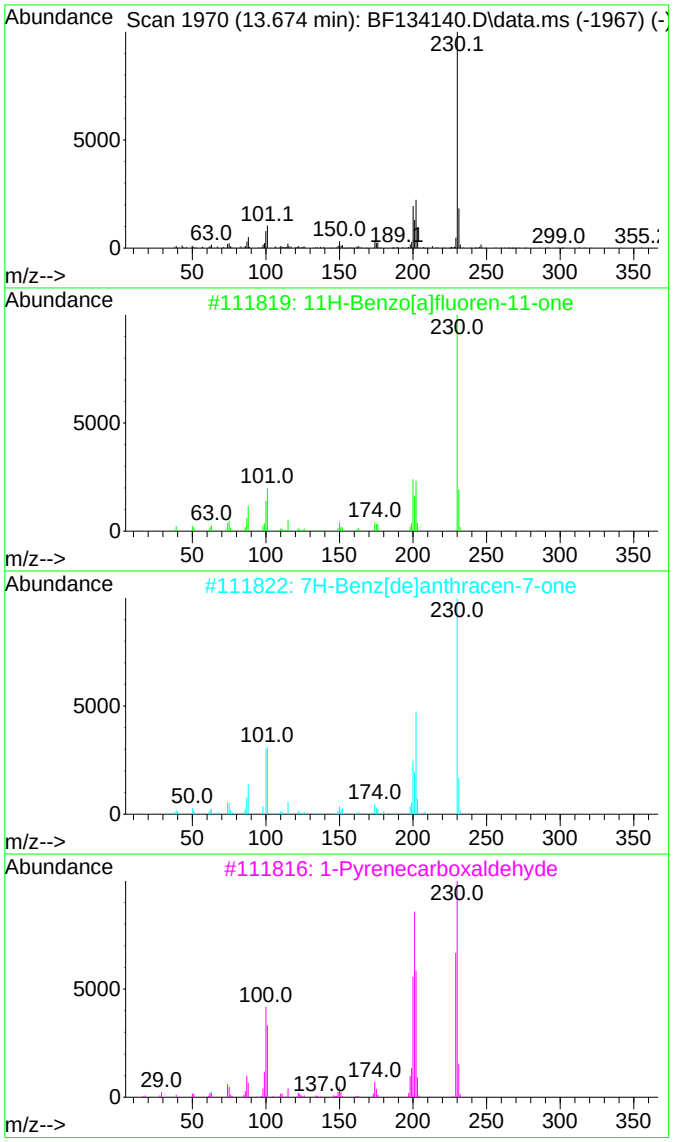
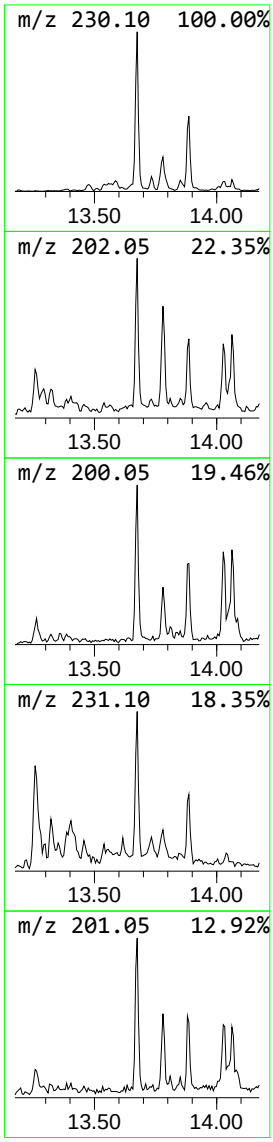
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	3.37 ng	256420	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	58





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Acq On : 07 Jul 2023 16:24
Operator : CG\JU
Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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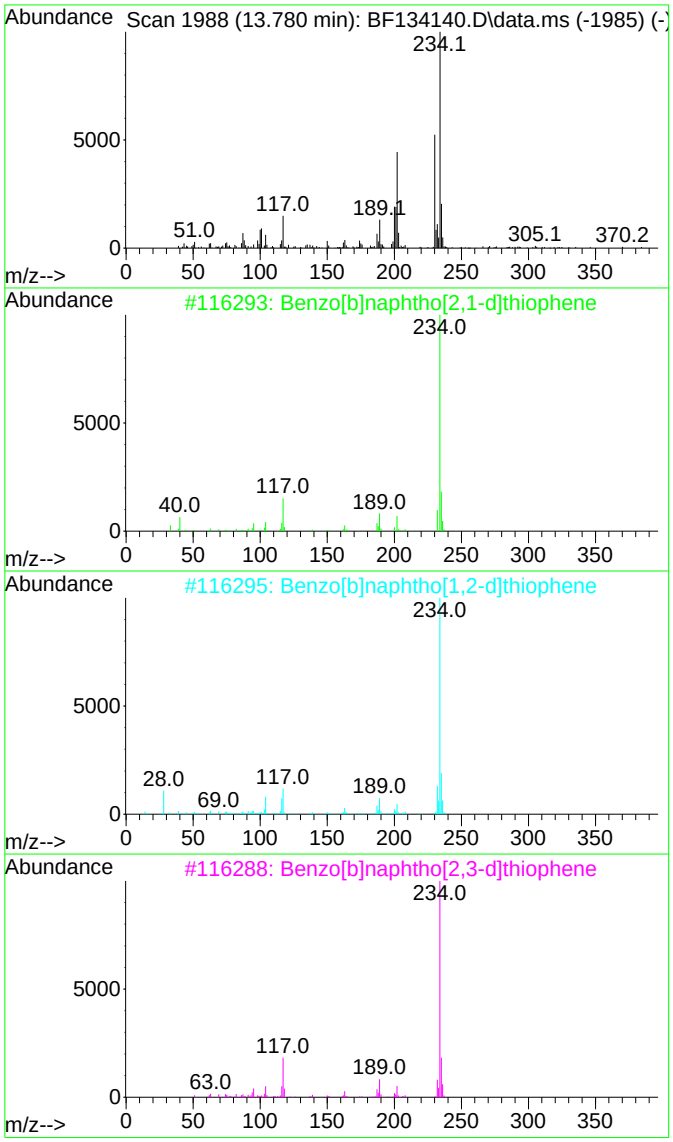
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

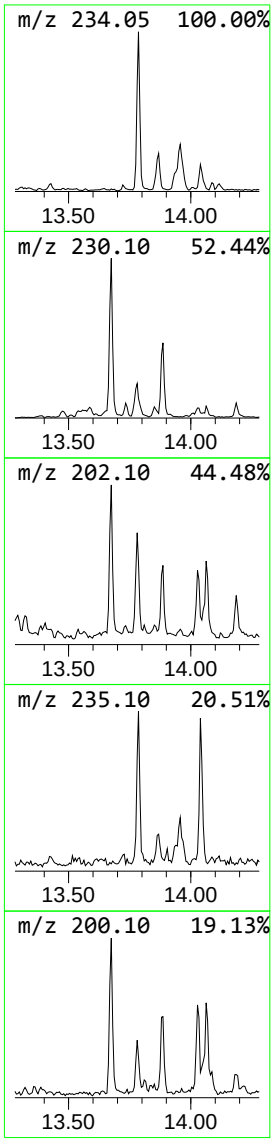
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.09 ng	159079	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	46
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	46
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5	Ethyl 2-amino-7-hydroxy-4-propyl...	277	C15H19NO4	1000459-18-5	35





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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
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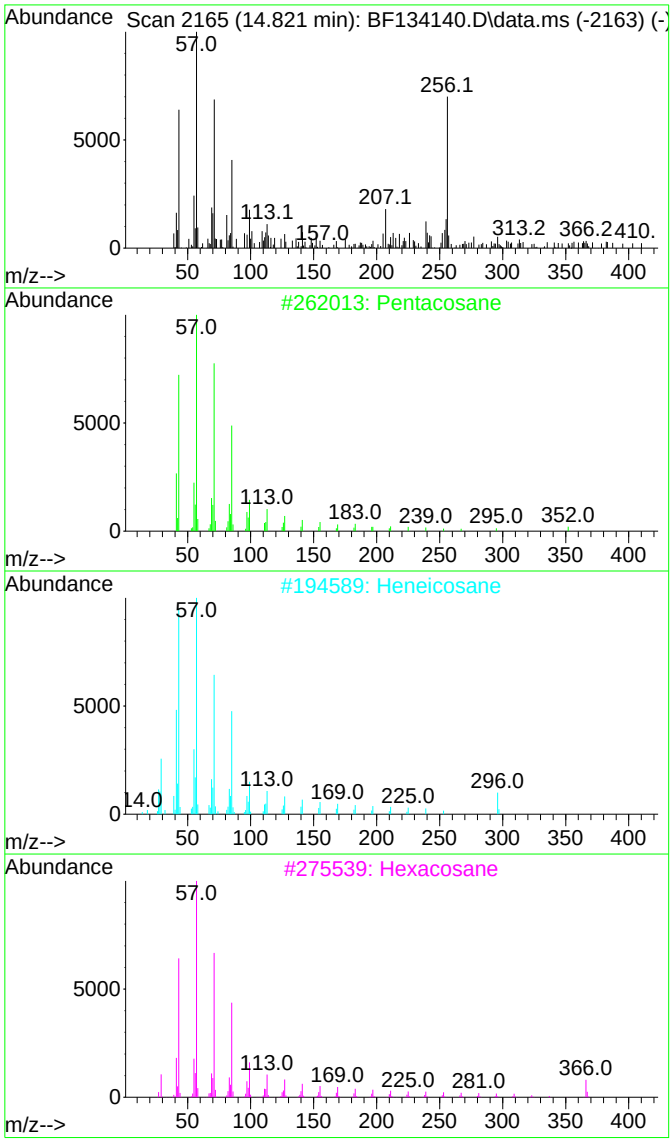
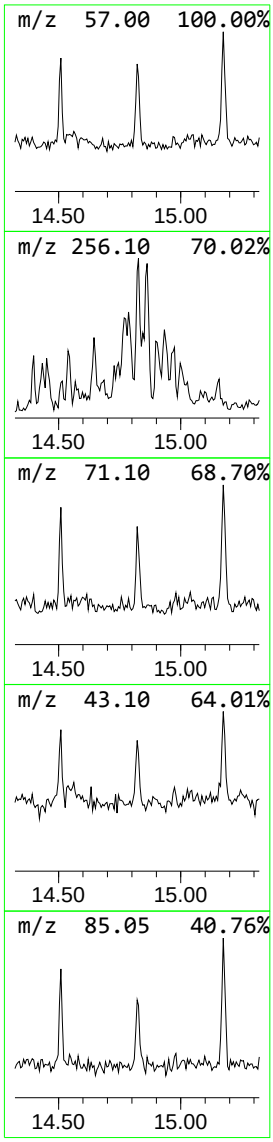
Peak Number 12 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	2.06 ng	50155	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Heneicosane	296	C21H44	000629-94-7	70
3	Hexacosane	366	C26H54	000630-01-3	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Octadecane	254	C18H38	000593-45-3	64





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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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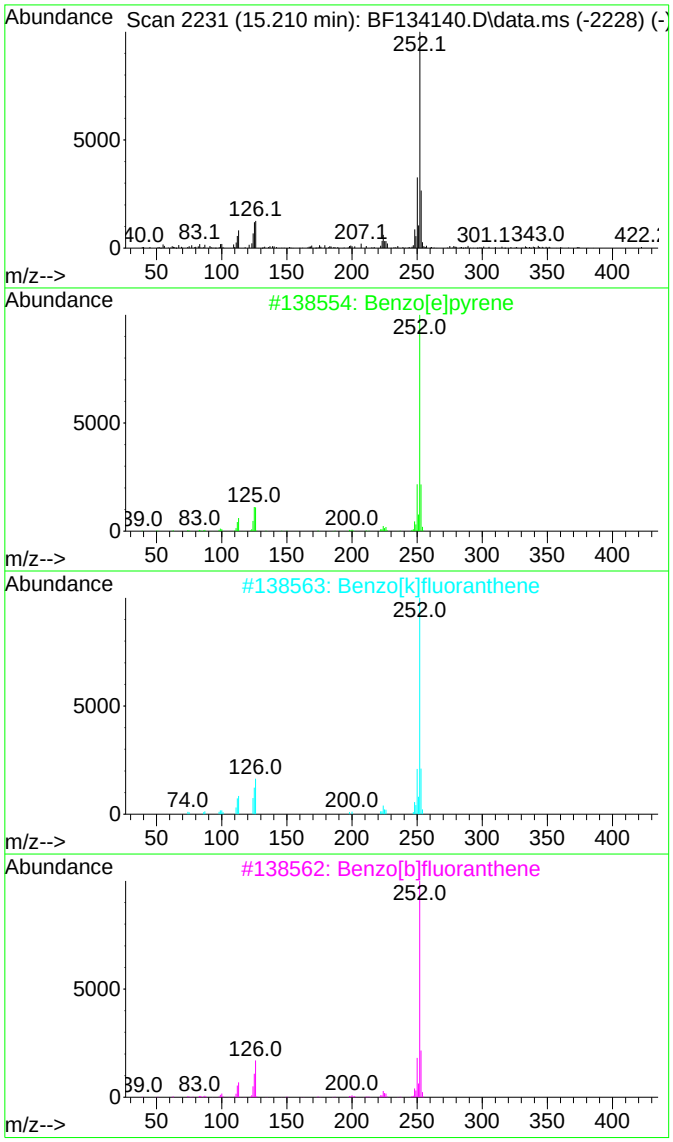
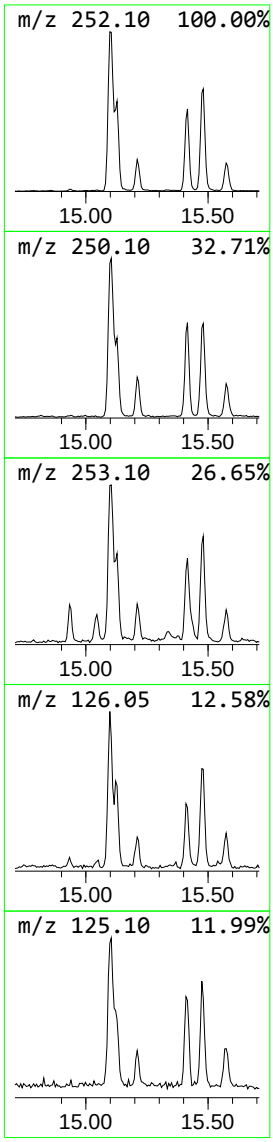
Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	4.22 ng	102968	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Sample : 03362-14 4X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-19-20

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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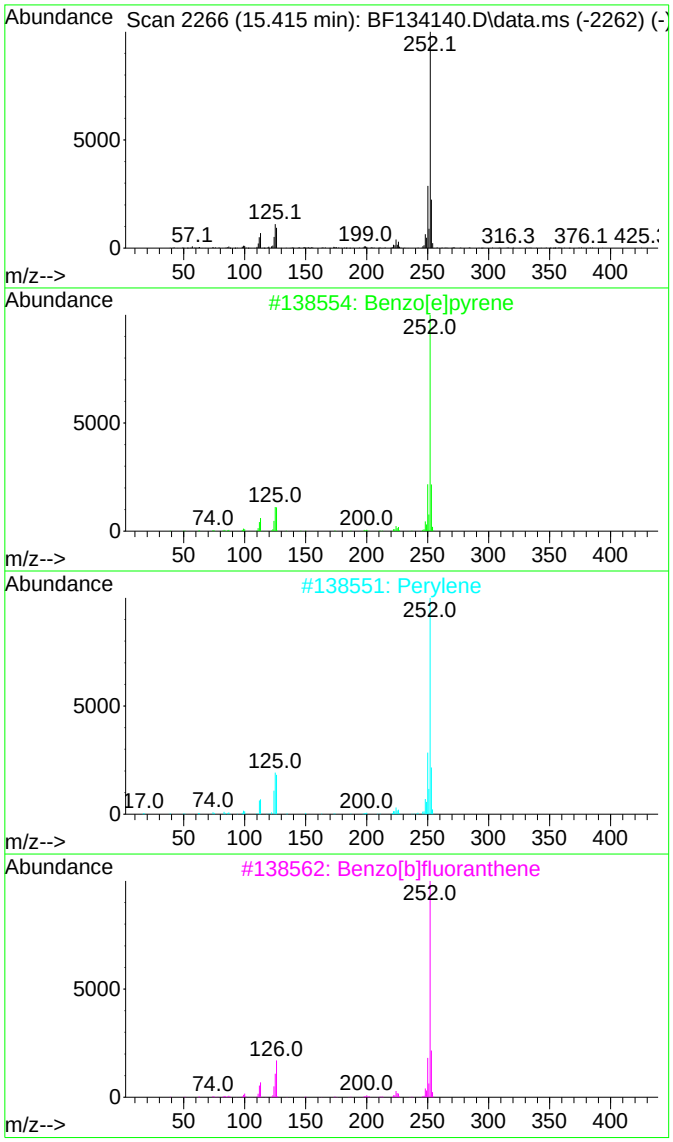
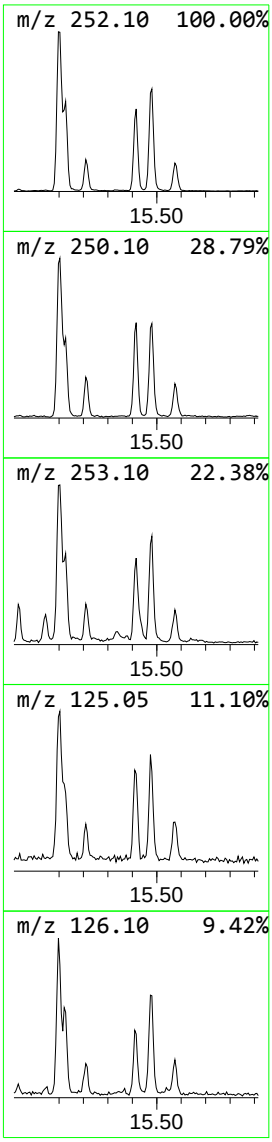
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	13.44 ng	327559	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134140.D
Acq On : 07 Jul 2023 16:24
Operator : CG\JU
Sample : 03362-14 4X
Misc :
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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
Butane, 2-metho...	2.116	12.2	ng	380469	1	6.845	624917	20.0
Benzophenone	10.598	2.9	ng	105324	3	9.881	720967	20.0
Anthracene, 2-m...	11.880	2.1	ng	71032	4	11.375	672611	20.0
Phenanthrene, 2...	11.910	4.2	ng	142686	4	11.375	672611	20.0
4H-Cyclopenta[d...	11.992	4.1	ng	138656	4	11.375	672611	20.0
Phenanthrene, 2...	12.433	3.3	ng	109375	4	11.375	672611	20.0
Cyclopenta(def)...	12.522	2.3	ng	77183	4	11.375	672611	20.0
Pyrene, 1-methyl-	13.051	3.3	ng	249704	5	14.039	1521460	20.0
Fluoranthene, 2...	13.263	2.8	ng	213812	5	14.039	1521460	20.0
11H-Benzo[a]flu...	13.674	3.4	ng	256420	5	14.039	1521460	20.0
Benzo[b]naphtho...	13.780	2.1	ng	159079	5	14.039	1521460	20.0
Pentacosane	14.821	2.1	ng	50155	6	15.545	487617	20.0
Benzo[e]pyrene	15.210	4.2	ng	102968	6	15.545	487617	20.0
Perylene	15.416	13.4	ng	327559	6	15.545	487617	20.0