LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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: BF134021.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	6	12	19	rBV	1189959	1551443	65.74%	4.505%
2	2.275	28	32	39	rVB	33759	47673	2.02%	0.138%
3	5.093	507	511	521	rBV	133052	167359	7.09%	0.486%
4	5.493	574	579	582	rBV	2140272	2030228	86.02%	5.895%
5	6.492	744	749	762	rBV	2137440	2065994	87.54%	5.999%
6	6.681	777	781	785	rBV3	34259	40135	1.70%	0.117%
7	6.851	807	810	814	rBV	780969	623886	26.43%	1.812%
8	7.416	902	906	909	rBV	1490285	1230508	52.14%	3.573%
9	7.439	909	910	916	rVB	36123	27489	1.16%	0.080%
10	8.110	1021	1024	1025	rBV	35557	29223	1.24%	0.085%
11	8.134	1025	1028	1030	rVV	844051	703377	29.80%	2.042%
12	8.151	1030	1031	1035	rVB	109331	71510	3.03%	0.208%
13	8.404	1071	1074	1082	rVB4	21552	30269	1.28%	0.088%
14	8.722	1124	1128	1130	rVB	44011	33080	1.40%	0.096%
15	8.845	1146	1149	1154	rVB	111462	83381	3.53%	0.242%
16	8.945	1162	1166	1170	rVB	86141	69607	2.95%	0.202%
17	9.210	1207	1211	1214	rBV	2664769	2053526	87.01%	5.963%
18	9.286	1221	1224	1226	rBV	48231	40350	1.71%	0.117%
19	9.404	1242	1244	1250	rVB	29316	36781	1.56%	0.107%
20	9.475	1250	1256	1260	rBV2	53757	75641	3.20%	0.220%
21	9.545	1265	1268	1271	rBV	71417	71787	3.04%	0.208%
22	9.575	1271	1273	1275	rVB	40940	29553	1.25%	0.086%
23	9.663	1285	1288	1290	rBV	56281	47092	2.00%	0.137%
24	9.751	1300	1303	1306	rVB	116915	96558	4.09%	0.280%
25	9.816	1312	1314	1317	rVB	39973	31091	1.32%	0.090%
26	9.892	1317	1327	1330	rBV	843340	703439	29.81%	2.043%
27	9.922	1330	1332	1336	rVB	642479	560434	23.75%	1.627%
28	9.992	1341	1344	1348	rBV2	30391	37654	1.60%	0.109%
29	10.051	1348	1354	1358	rBV	46899	60084	2.55%	0.174%
30	10.098	1358	1362	1365	rVV	421561	379911	16.10%	1.103%
31	10.133	1365	1368	1372	rVB2	34784	38030	1.61%	0.110%
32	10.210	1377	1381	1383	rBV3	43967	50946	2.16%	0.148%
33	10.239	1383	1386	1392	rVV2	32694	43192	1.83%	0.125%
34	10.298	1392	1396	1398	rVV2	32551	41584	1.76%	0.121%
35	10.322	1398	1400	1402	rVB	58647	45397	1.92%	0.132%
36	10.439	1417	1420	1426	rBV	383174	352756	14.95%	1.024%

LSC Area Percent Report

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Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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	10.492	1426	1429	1430	rBV2	42036	39351	1.67%	0.114%
38	10.528	1433	1435	1437	rVB	77418	57180	2.42%	0.166%
39	10.604	1445	1448	1452	rVB2	422801	439846	18.64%	1.277%
40	10.686	1458	1462	1466	rBV	1520809	1350616	57.23%	3.922%
41	10.810	1477	1483	1489	rVB4	85442	123808	5.25%	0.360%
42	10.916	1498	1501	1507	rBV	84665	83130	3.52%	0.241%
43	10.992	1507	1514	1516	rVV3	101216	140605	5.96%	0.408%
44	11.016	1516	1518	1521	rVV2	58555	64748	2.74%	0.188%
45	11.075	1525	1528	1531	rVV2	53028	53813	2.28%	0.156%
46	11.122	1531	1536	1537	rVV2	62609	75839	3.21%	0.220%
47	11.145	1537	1540	1542	rVV2	68699	80031	3.39%	0.232%
48	11.192	1545	1548	1551	rVV2	75296	79358	3.36%	0.230%
49	11.245	1551	1557	1560	rVV3	88123	140631	5.96%	0.408%
50	11.280	1560	1563	1570	rVB	209146	192376	8.15%	0.559%
51	11.386	1577	1581	1583	rBV	787857	713891	30.25%	2.073%
52	11.410	1583	1585	1589	rVV	1627700	1512560	64.09%	4.392%
53	11.463	1589	1594	1597	rVV	903172	761442	32.26%	2.211%
54	11.492	1597	1599	1602	rVB2	59851	62511	2.65%	0.182%
55	11.622	1615	1621	1628	rBV2	111218	183138	7.76%	0.532%
56	11.680	1628	1631	1634	rVV2	91943	82623	3.50%	0.240%
57	11.722	1635	1638	1643	rVB3	47768	56798	2.41%	0.165%
58	11.798	1649	1651	1656	rVB	35927	34115	1.45%	0.099%
59	11.892	1663	1667	1669	rBV	245227	225407	9.55%	0.655%
60	11.916	1669	1671	1675	rVV2	456925	423655	17.95%	1.230%
61	11.969	1677	1680	1683	rVV	144083	140221	5.94%	0.407%
62	12.004	1683	1686	1689	rVV	533034	558981	23.68%	1.623%
63	12.027	1689	1690	1694	rVB	167165	91424	3.87%	0.265%
64	12.186	1715	1717	1720	rBV	201645	169889	7.20%	0.493%
65	12.216	1720	1722	1725	rVB	103699	83195	3.53%	0.242%
66	12.339	1740	1743	1746	rBV	76016	64050	2.71%	0.186%
67	12.369	1746	1748	1750	rVV	62050	47351	2.01%	0.137%
68	12.398	1750	1753	1755	rVB	48639	38152	1.62%	0.111%
69	12.445	1758	1761	1764	rBV	137376	155339	6.58%	0.451%
70	12.480	1764	1767	1770	rVV2	95126	120572	5.11%	0.350%
71	12.533	1773	1776	1781	rVB2	101349	114076	4.83%	0.331%
72	12.616	1785	1790	1793	rBV	2602210	2360102	100.00%	6.853%
73	12.651	1793	1796	1798	rVV2	81607	78929	3.34%	0.229%
74	12.704	1802	1805	1808	rVV	65933	57449	2.43%	0.167%
75	12.763	1813	1815	1818	rVV	84061	87352	3.70%	0.254%
76	12.845	1822	1829	1834	rVV2	1959658	2266813	96.05%	6.582%

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Instrument :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.886	1834	1836	1841	rVB2	100461	115954	4.91%	0.337%
78	12.957	1846	1848	1849	rVV	109860	87528	3.71%	0.254%
79	12.986	1849	1853	1859	rVB	2108906	2038973	86.39%	5.921%
80	13.063	1861	1866	1869	rBV2	130973	212127	8.99%	0.616%
81	13.145	1877	1880	1881	rBV2	107162	102272	4.33%	0.297%
82	13.169	1881	1884	1887	rVB2	278193	288633	12.23%	0.838%
83	13.239	1893	1896	1898	rBV	205567	183106	7.76%	0.532%
84	13.274	1898	1902	1905	rVV2	171660	181277	7.68%	0.526%
85	13.333	1909	1912	1915	rBV2	39321	48478	2.05%	0.141%
86	13.369	1915	1918	1920	rBV	84457	63838	2.70%	0.185%
87	13.398	1920	1923	1926	rBV2	87682	83611	3.54%	0.243%
88	13.680	1969	1971	1975	rVB	99601	98670	4.18%	0.287%
89	13.792	1987	1990	1993	rBV2	112975	120006	5.08%	0.348%
90	13.821	1993	1995	1997	rVV	115866	92998	3.94%	0.270%
91	13.845	1997	1999	2004	rVV2	88388	117610	4.98%	0.342%
92	13.892	2004	2007	2011	rVV	179725	187806	7.96%	0.545%
93	14.039	2028	2032	2036	rBV2	740937	1097292	46.49%	3.186%
94	14.074	2036	2038	2045	rVB	619341	523744	22.19%	1.521%
95	14.151	2049	2051	2054	rBV	84937	70469	2.99%	0.205%
96	15.110	2210	2214	2218	rBV	406605	651615	27.61%	1.892%
97	15.221	2231	2233	2236	rVB	69139	63155	2.68%	0.183%
98	15.427	2265	2268	2274	rVB	210263	265854	11.26%	0.772%
99	15.492	2275	2279	2285	rVB	309312	386110	16.36%	1.121%
100	15.557	2286	2290	2293	rBV	260137	344741	14.61%	1.001%

Sum of corrected areas: 34438202

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
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Sample : 03362-20
Misc :
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Instrument :
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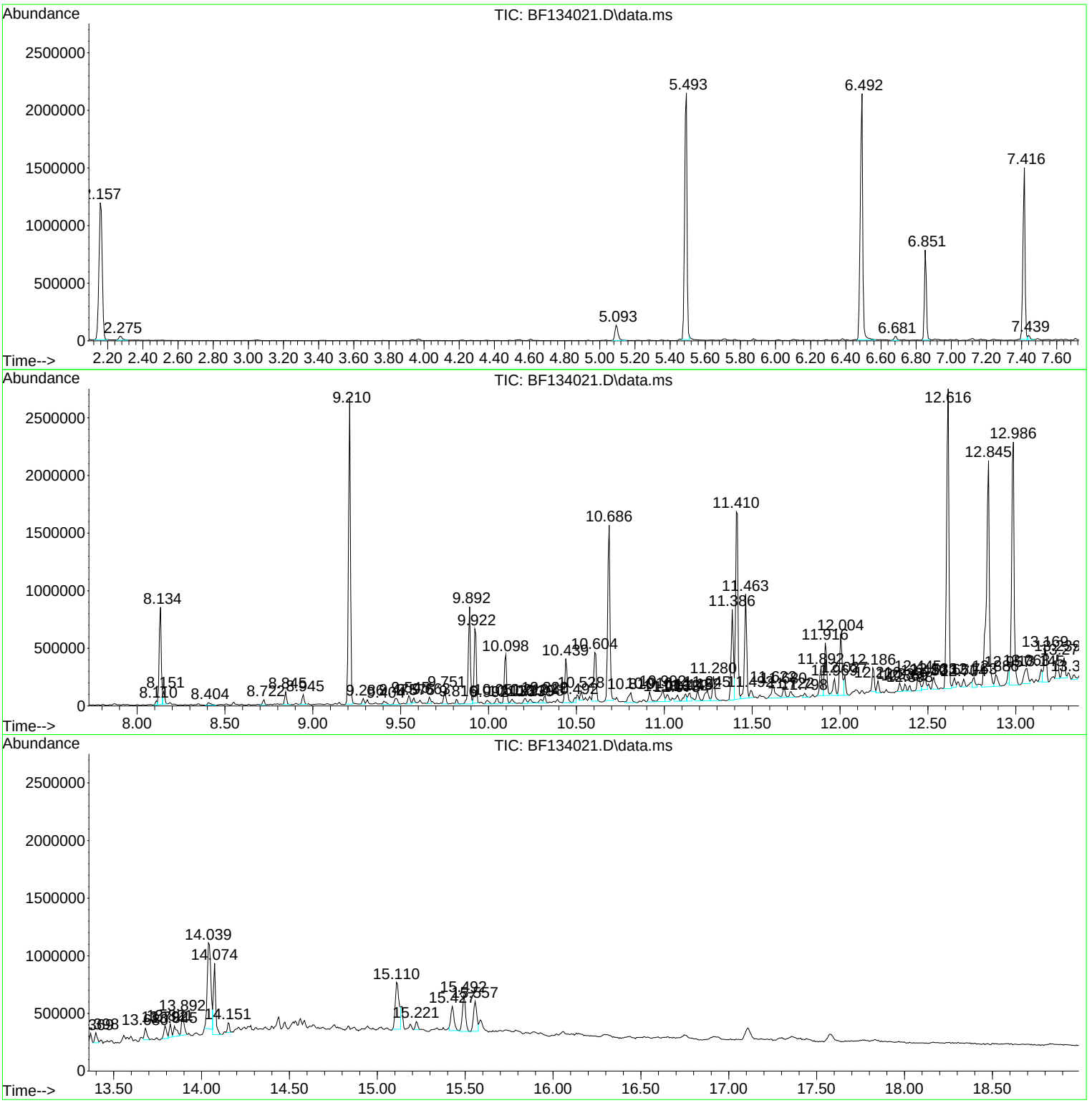
ClientSampleId :
COMPOSIT-SB-25

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\BF062723\
Data File : BF134021.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

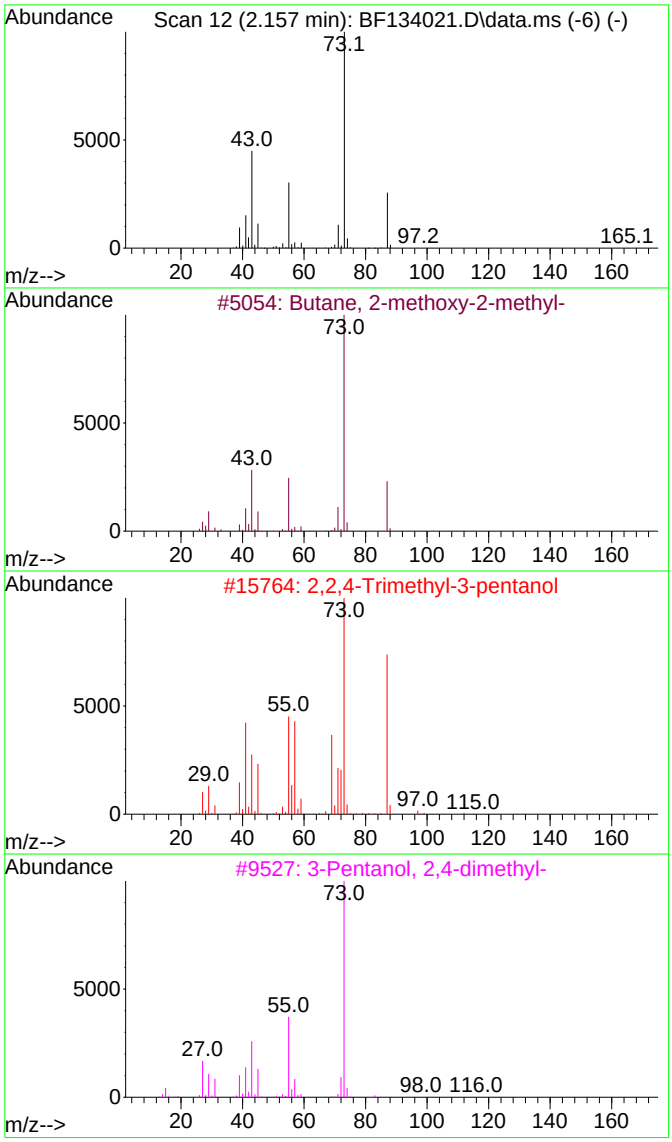
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

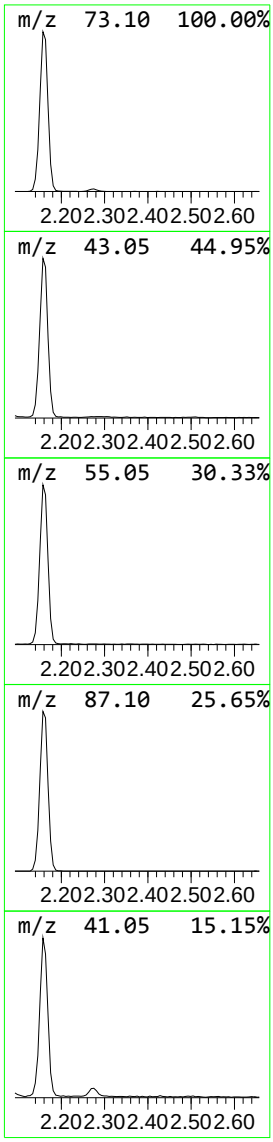
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	49.73 ng	1551440	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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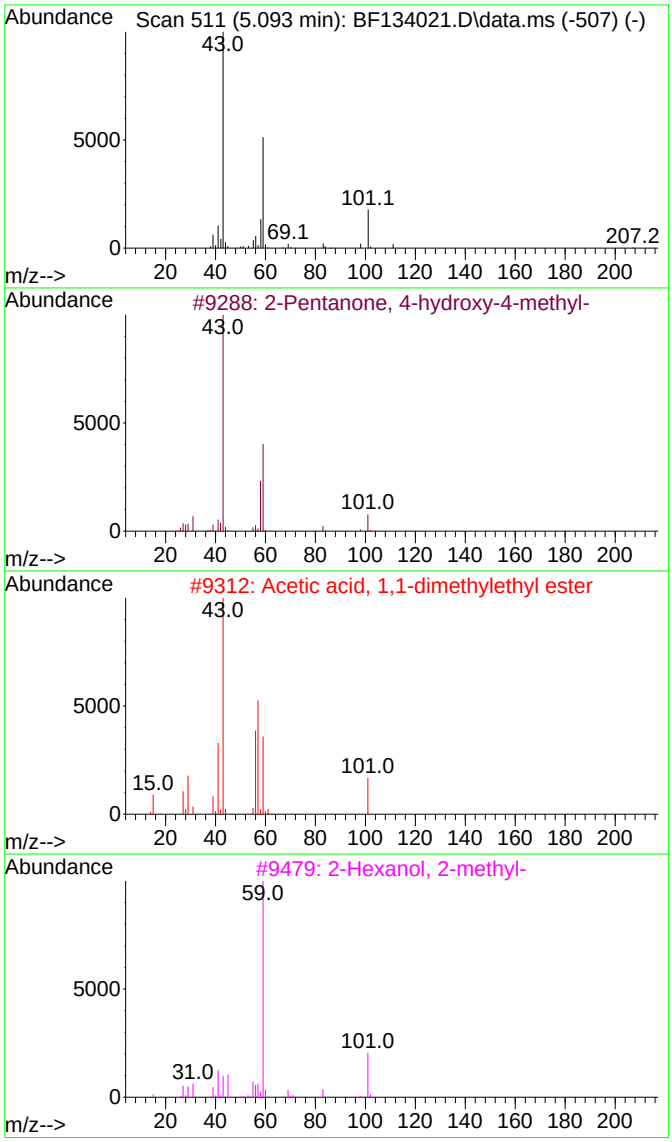
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

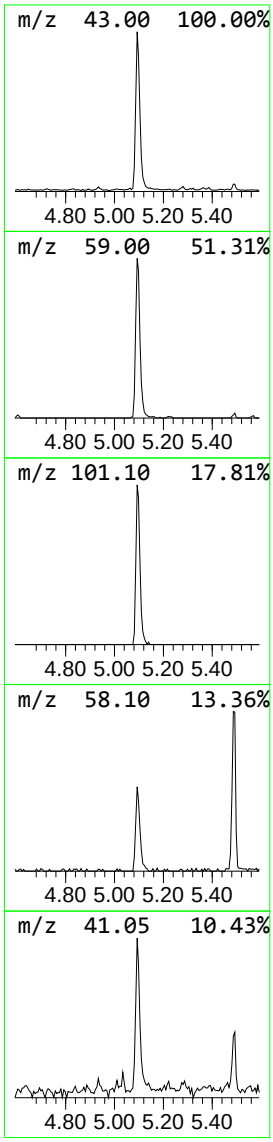
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	5.37 ng	167359	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
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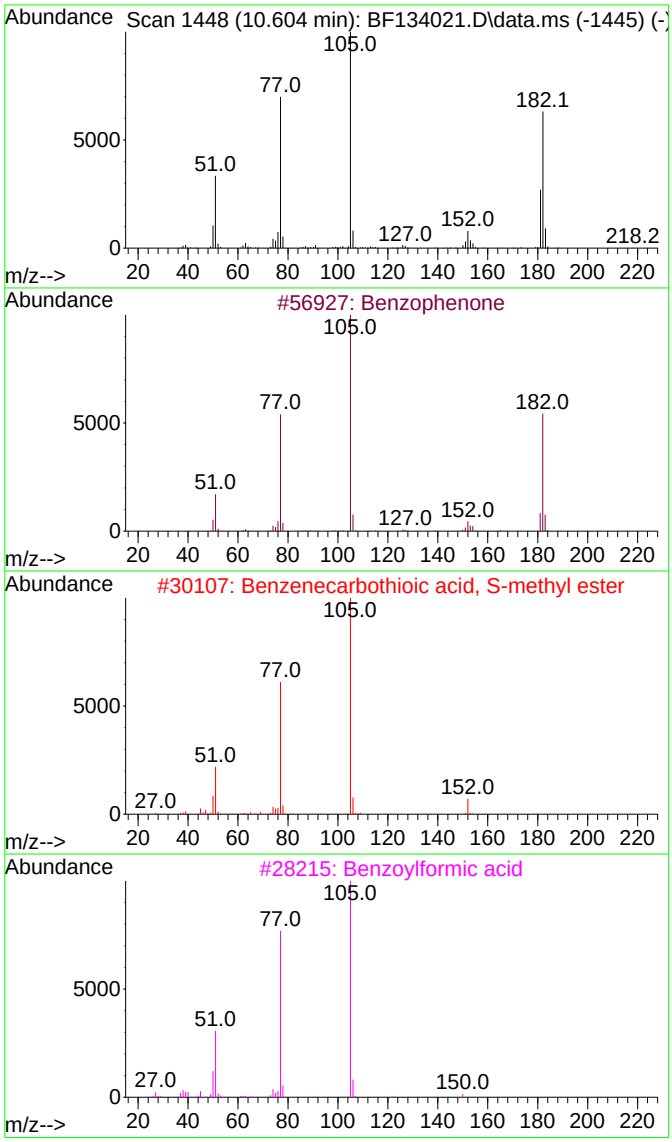
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

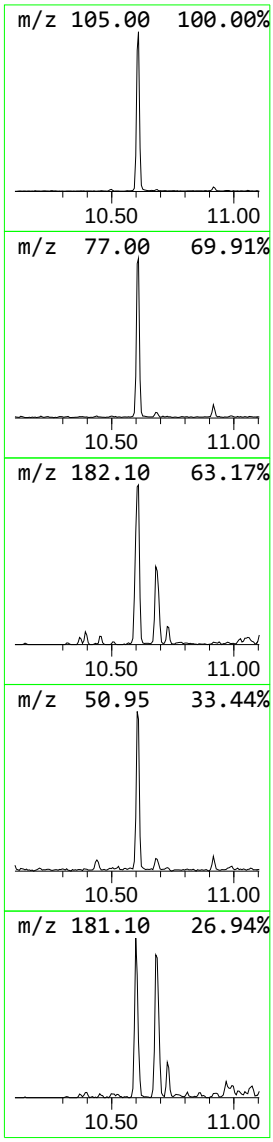
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	12.51 ng	439846	Acenaphthene-d10	9.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	Benzoylformic acid	150	C8H6O3	000611-73-4	45
4	Methyl benzilate	242	C15H14O3	000076-89-1	43
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43





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

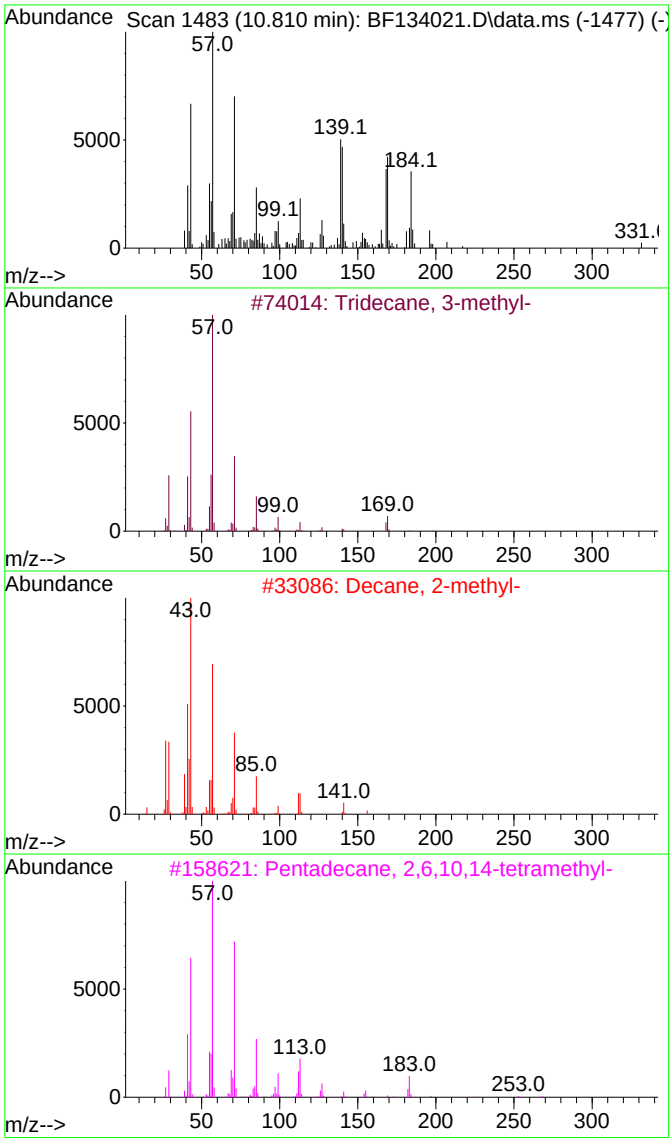
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

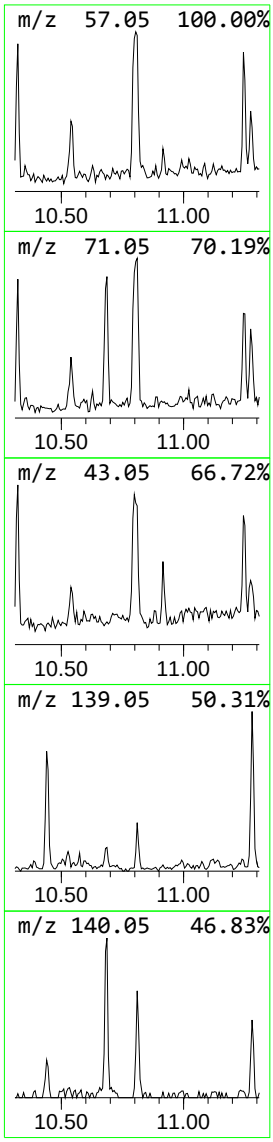
****

Peak Number 4 unknown10.810 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	3.47 ng	123808	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2	Decane, 2-methyl-	156	C11H24	006975-98-0	35
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	30
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
5	3-Isopropyl-6,10-dimethylundecan...	242	C16H34O	1000432-47-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134021.D
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Misc :
ALS Vial : 38 Sample Multiplier: 1

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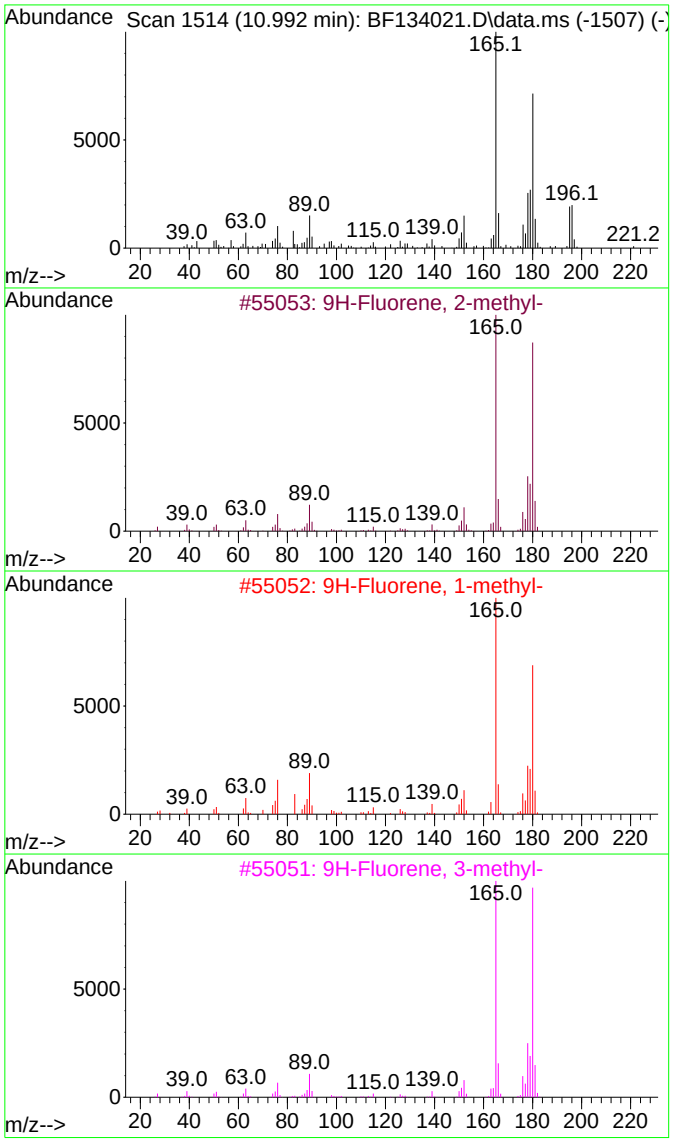
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

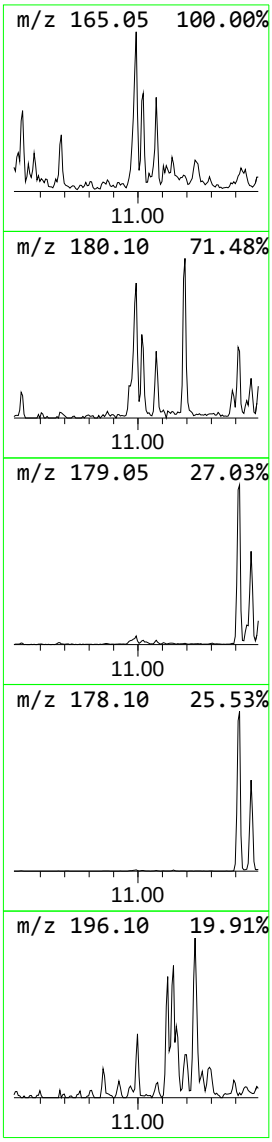
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	3.94 ng	140605	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78





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Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
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ClientSampleId :
COMPOSIT-SB-25

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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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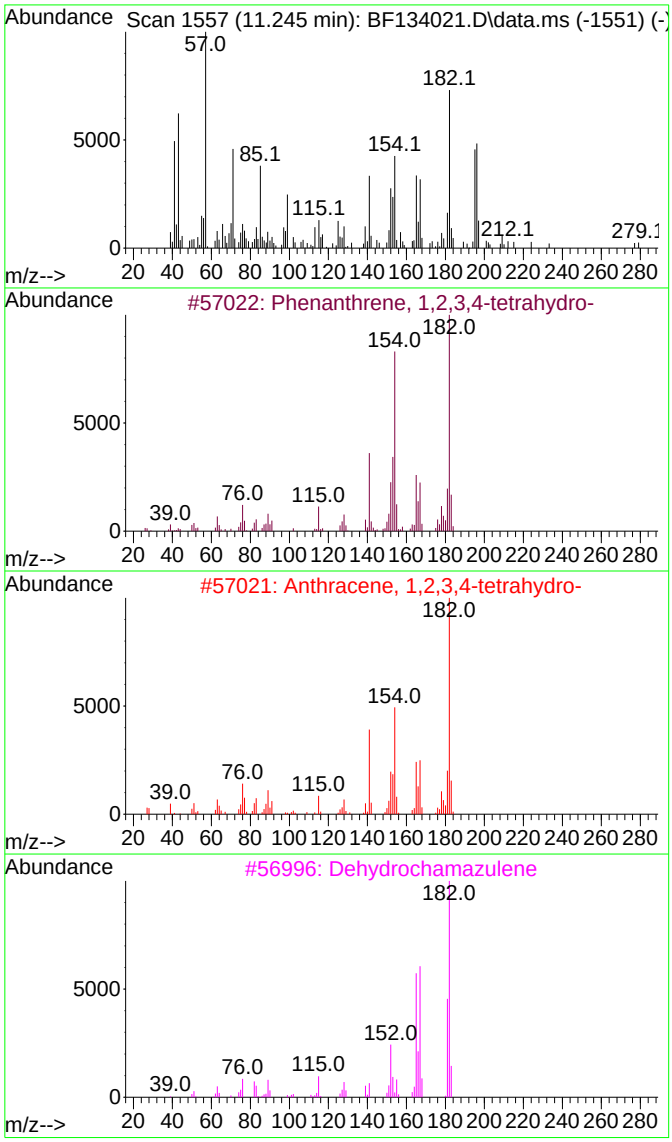
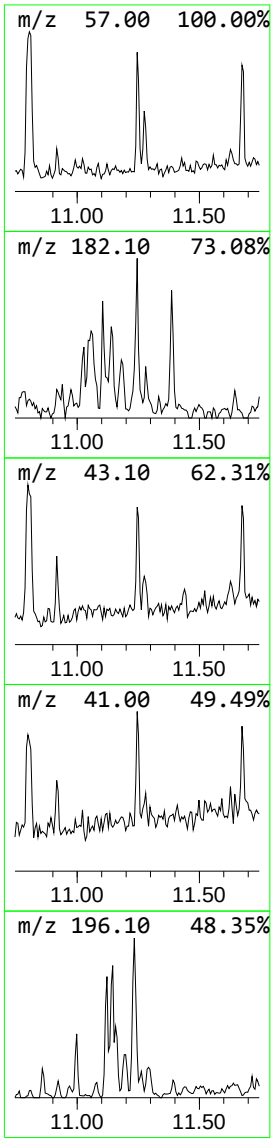
Peak Number 6 unknown11.245 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	3.94 ng	140631	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	46
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
3	Dehydrochamazulene	182	C14H14	321732-25-6	25
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	25
5	8H-Thiazolo[5,4-c]azepin-8-one, ...	182	C8H10N2OS	031967-03-0	25





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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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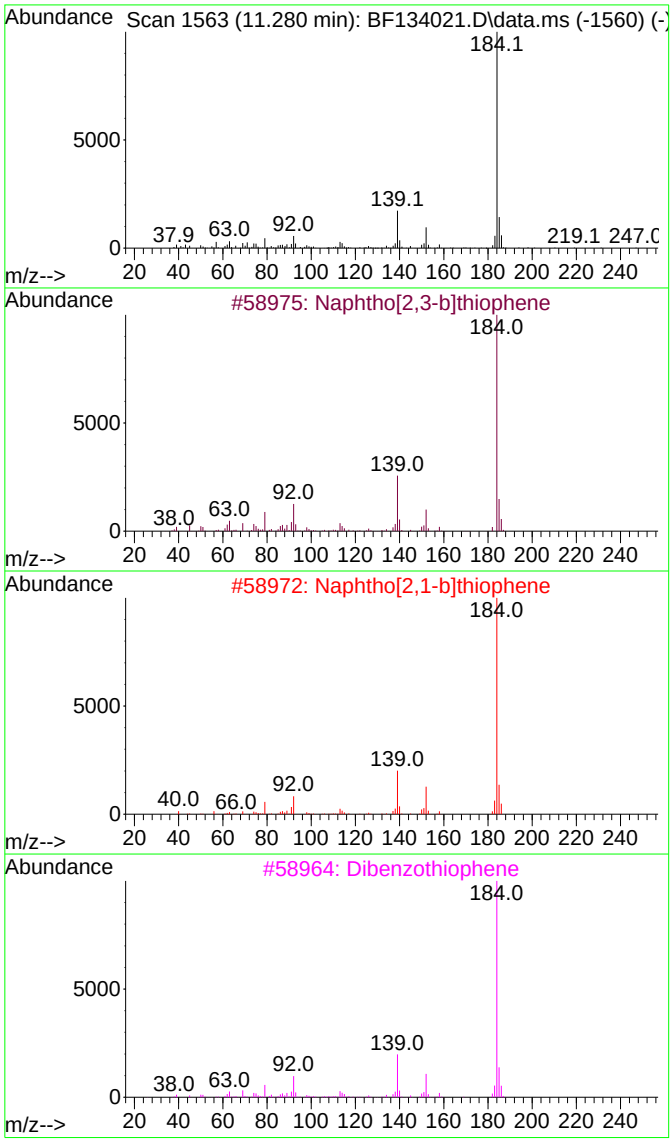
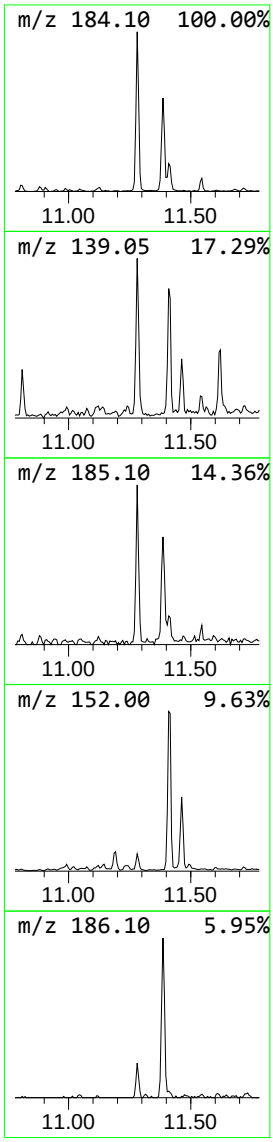
Peak Number 7 Naphtho[2,3-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	5.39 ng	192376	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	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

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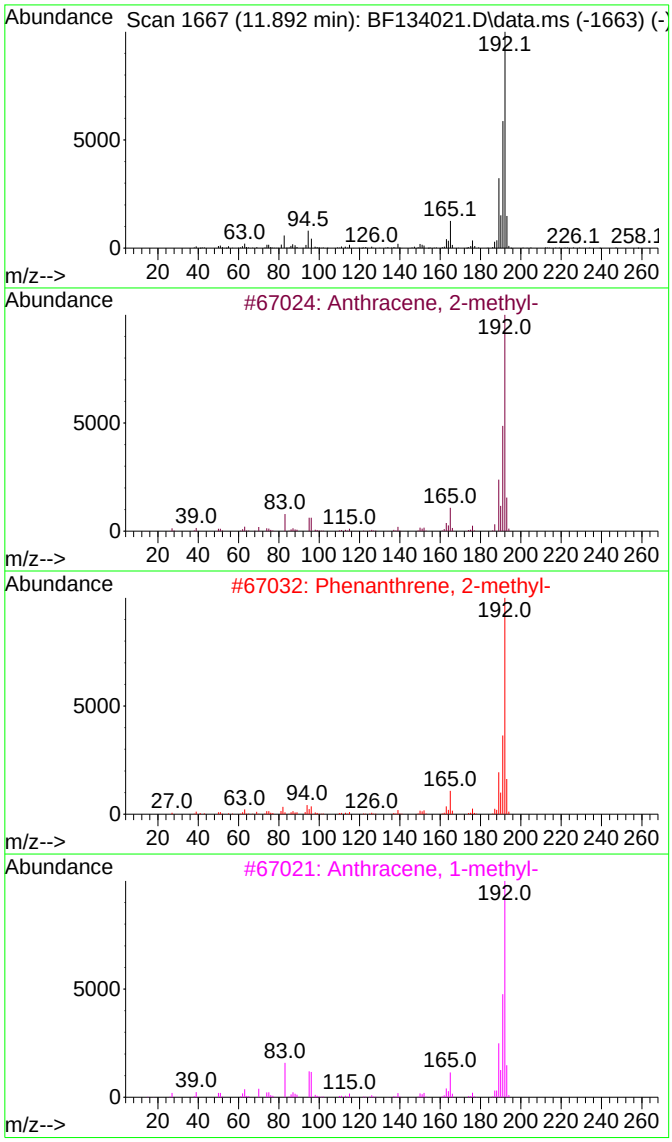
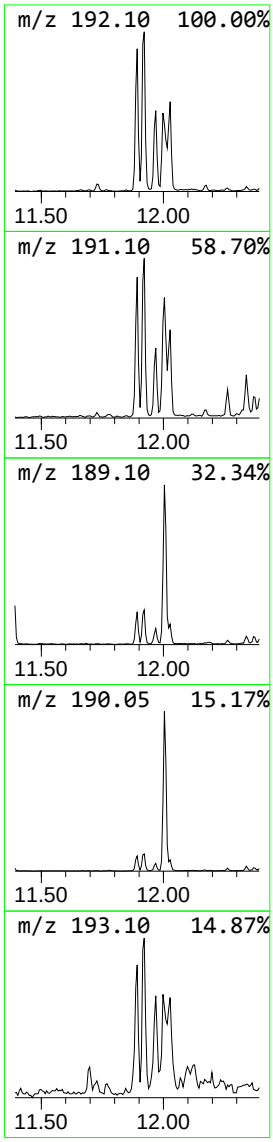
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	6.31 ng	225407	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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

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

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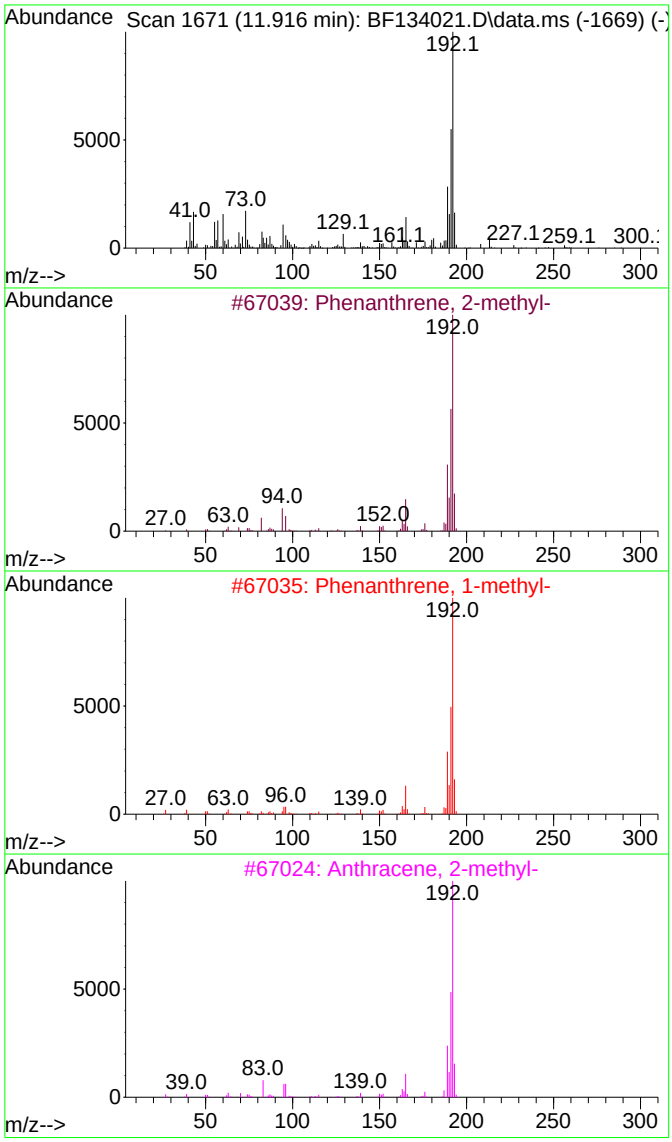
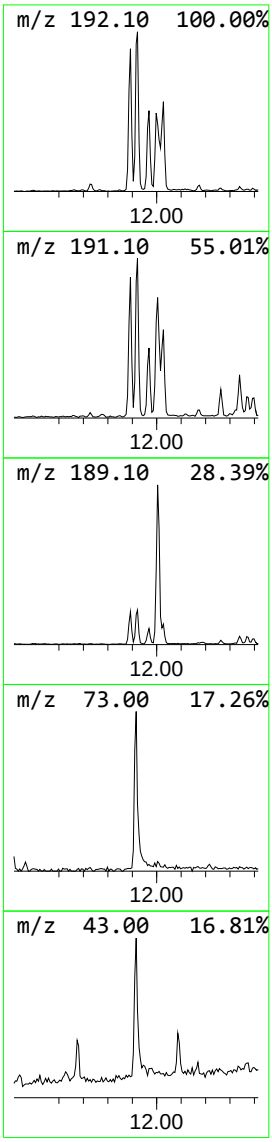
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	11.87 ng	423655	Phenanthrene-d10	11.386

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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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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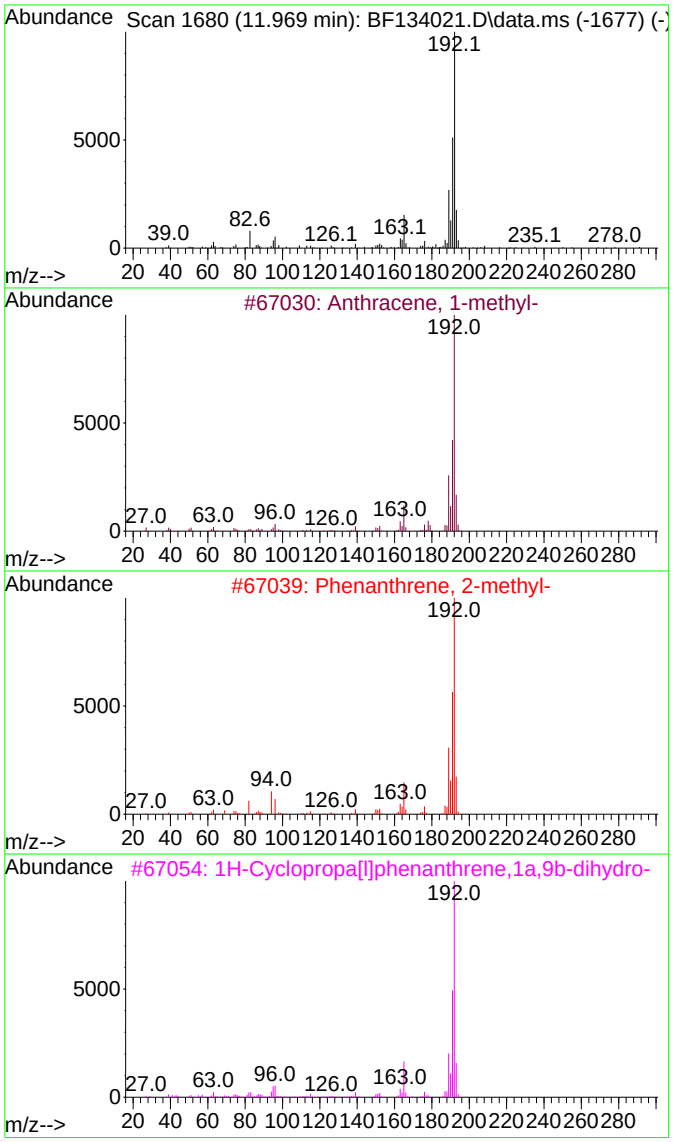
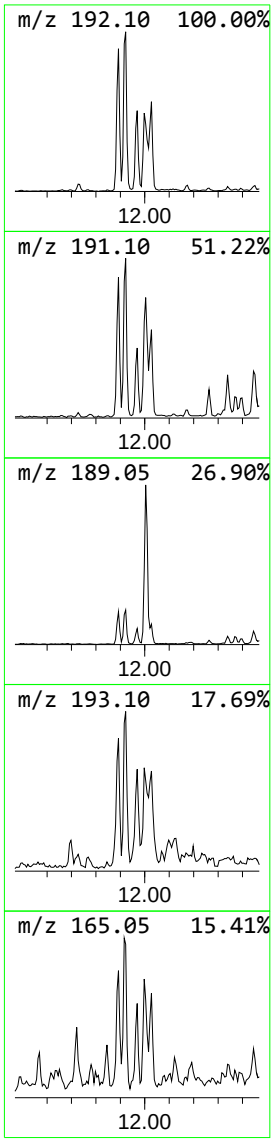
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.93 ng	140221	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
COMPOSIT-SB-25

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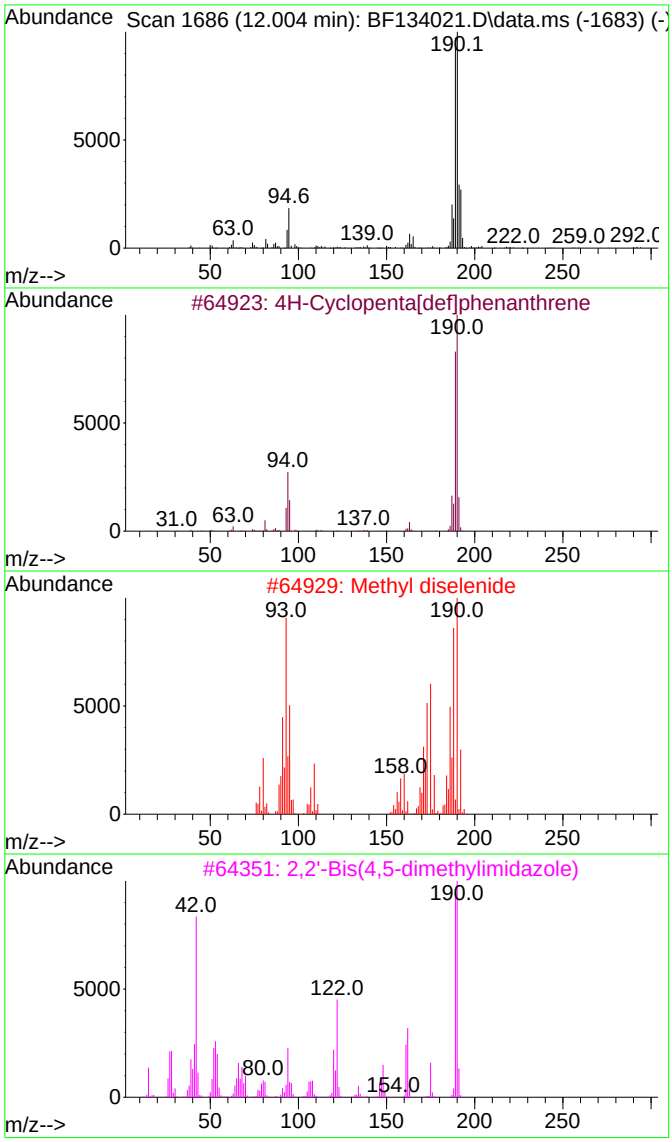
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

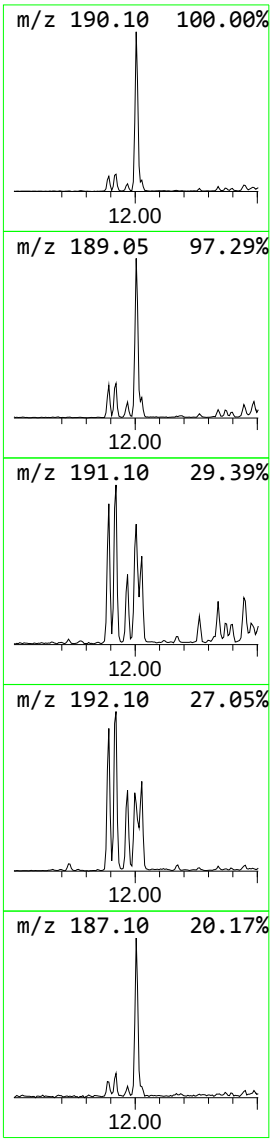
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	15.66 ng	558981	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMPOSIT-SB-25

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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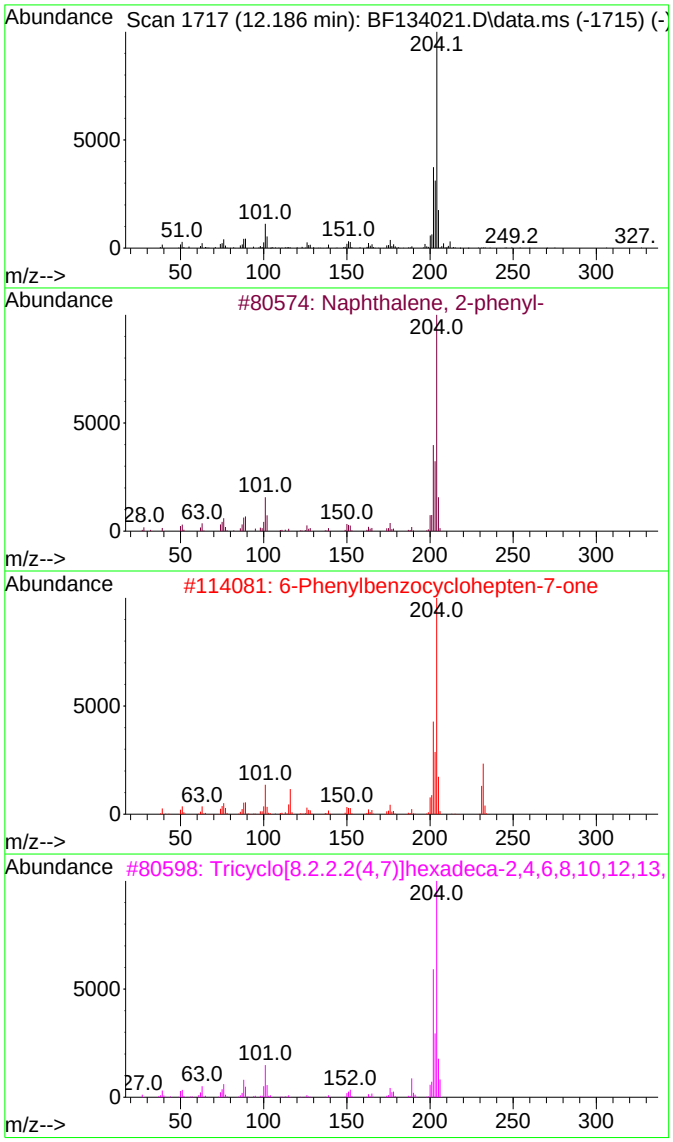
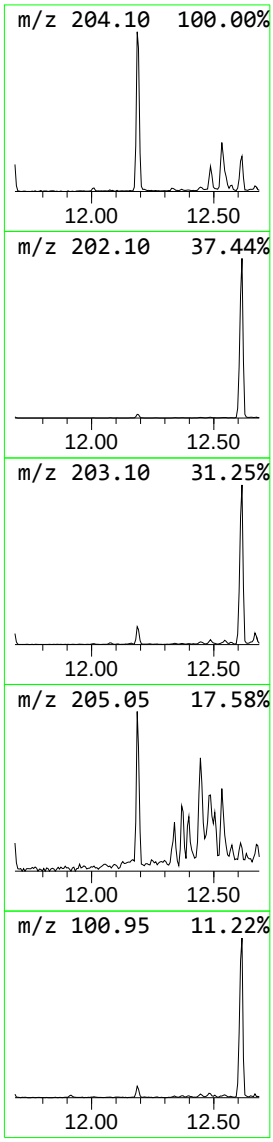
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	4.76 ng	169889	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





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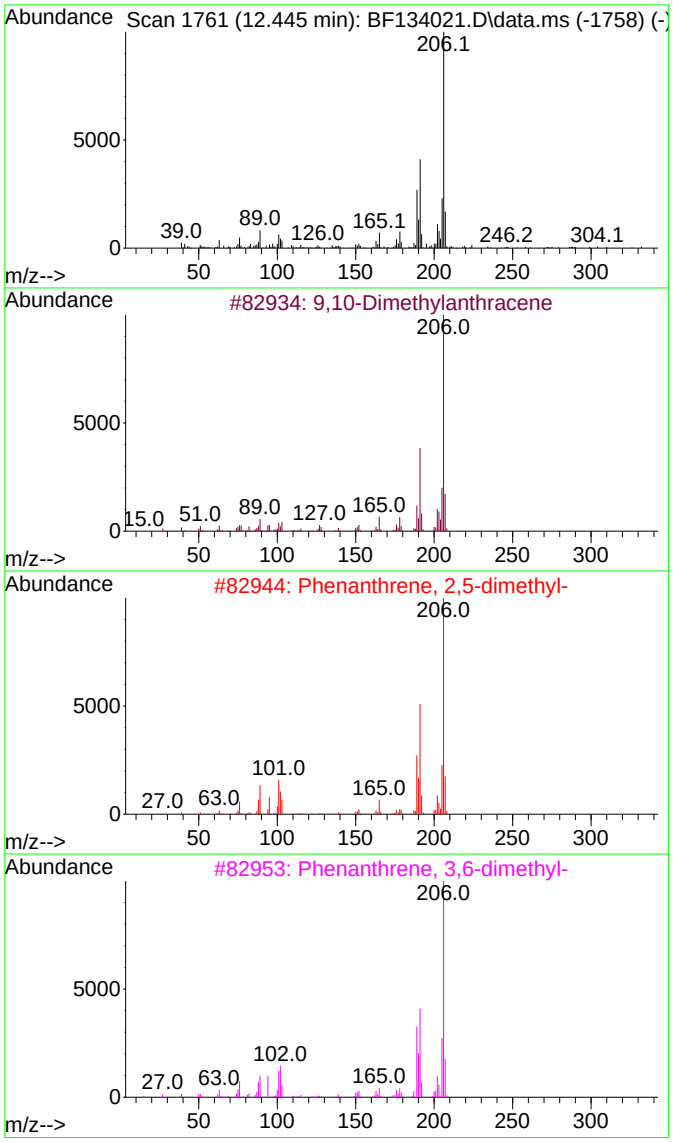
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

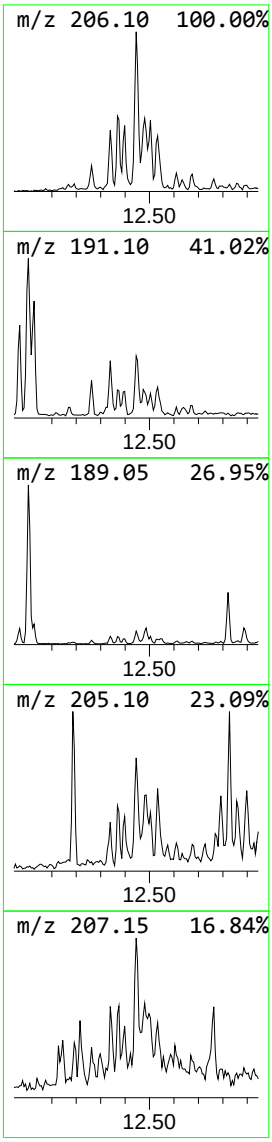
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.35 ng	155339	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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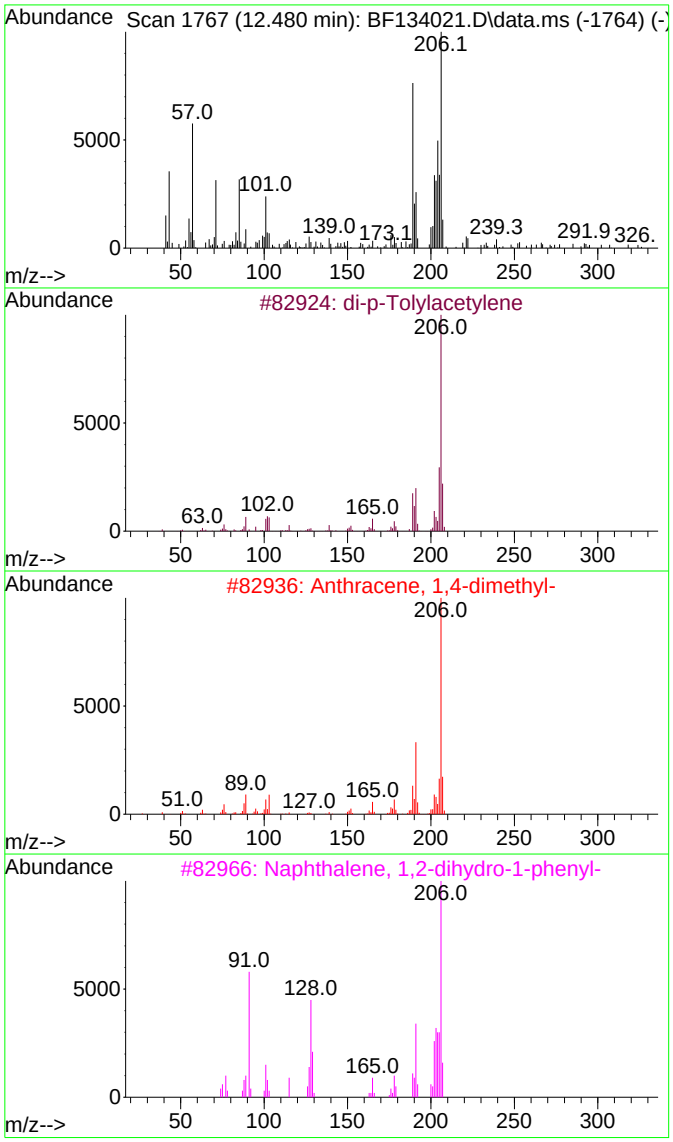
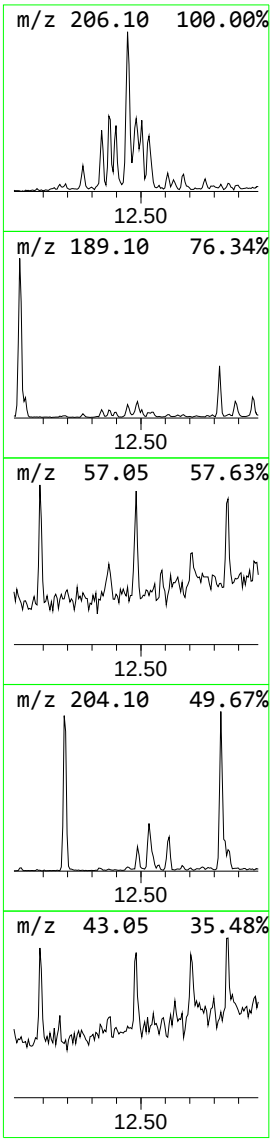
Peak Number 14 unknown12.480 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.38 ng	120572	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	41
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30





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

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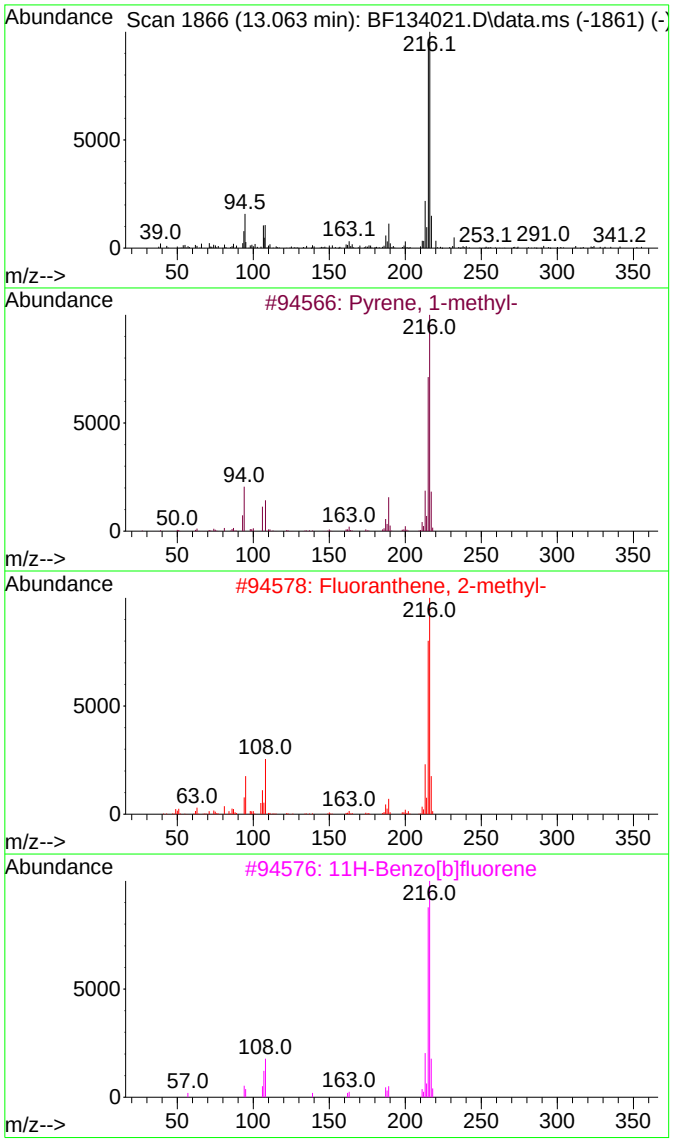
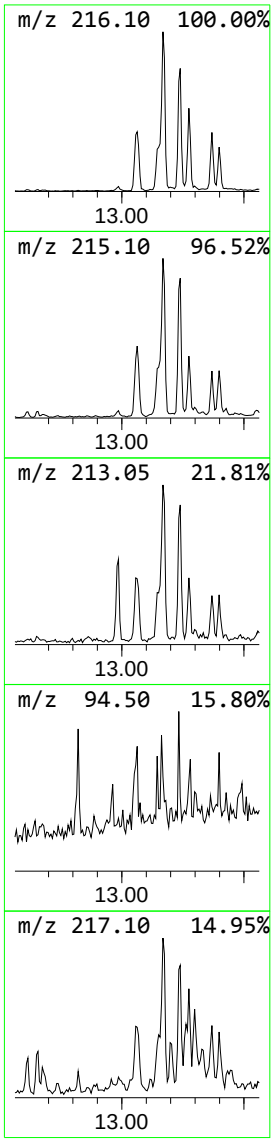
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	3.87 ng	212127	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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

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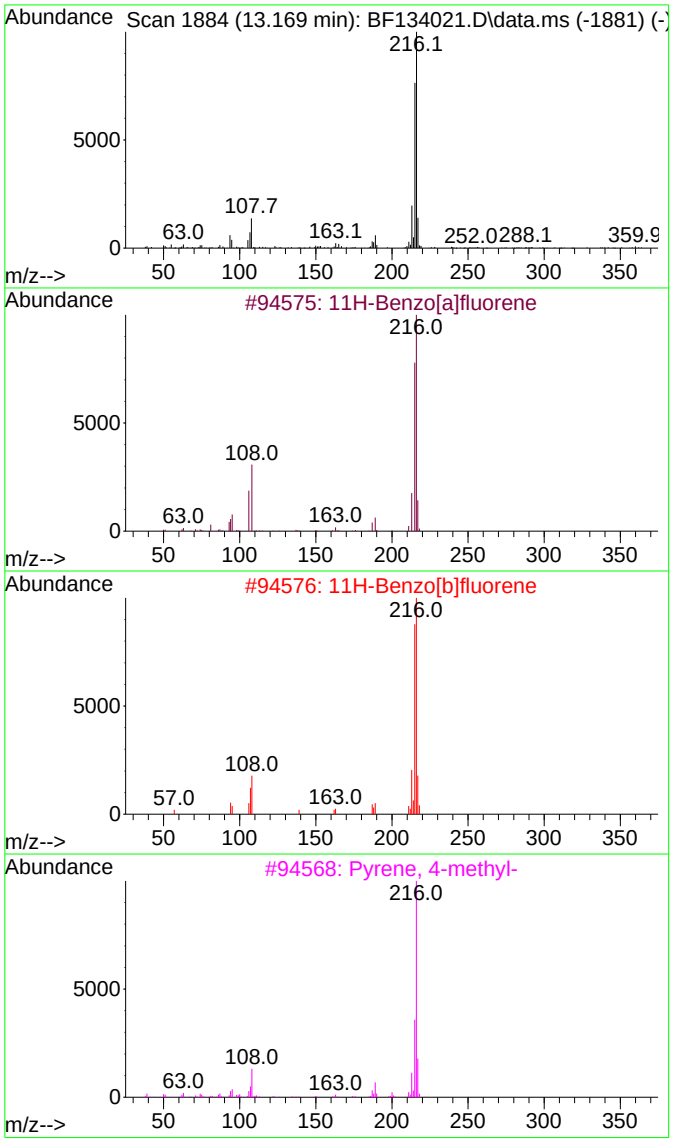
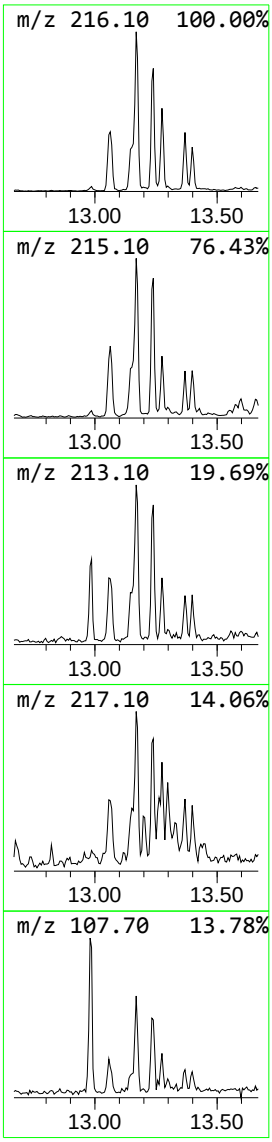
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	5.26 ng	288633	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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ClientSampleId :
COMPOSIT-SB-25

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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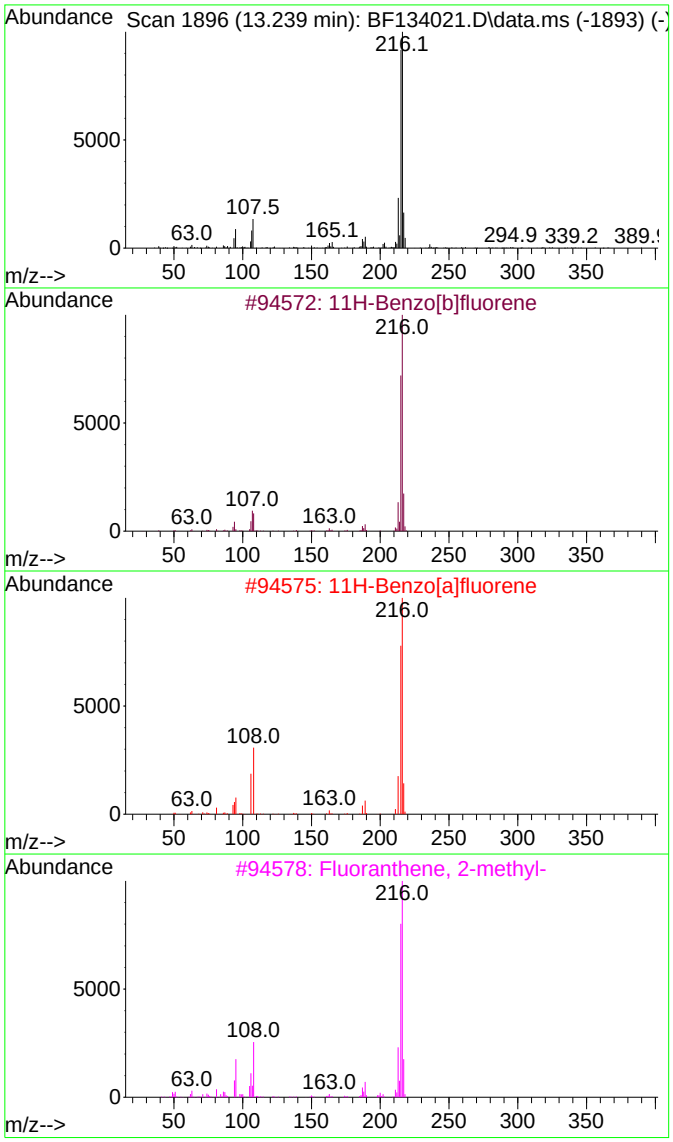
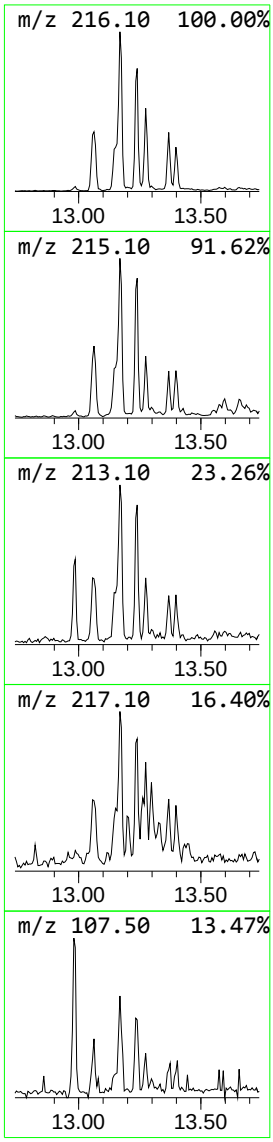
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.34 ng	183106	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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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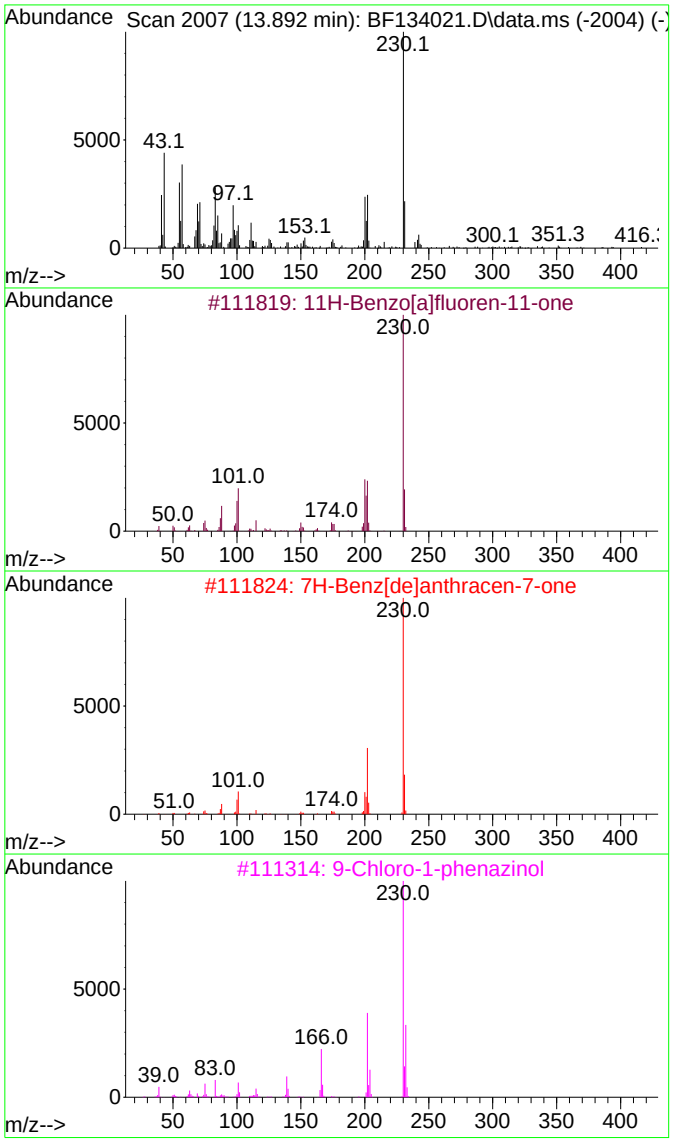
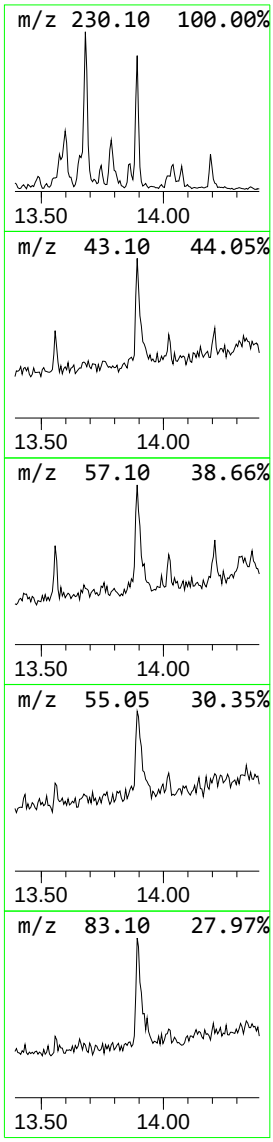
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	3.42 ng	187806	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	60
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	47
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	47
5	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	43





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Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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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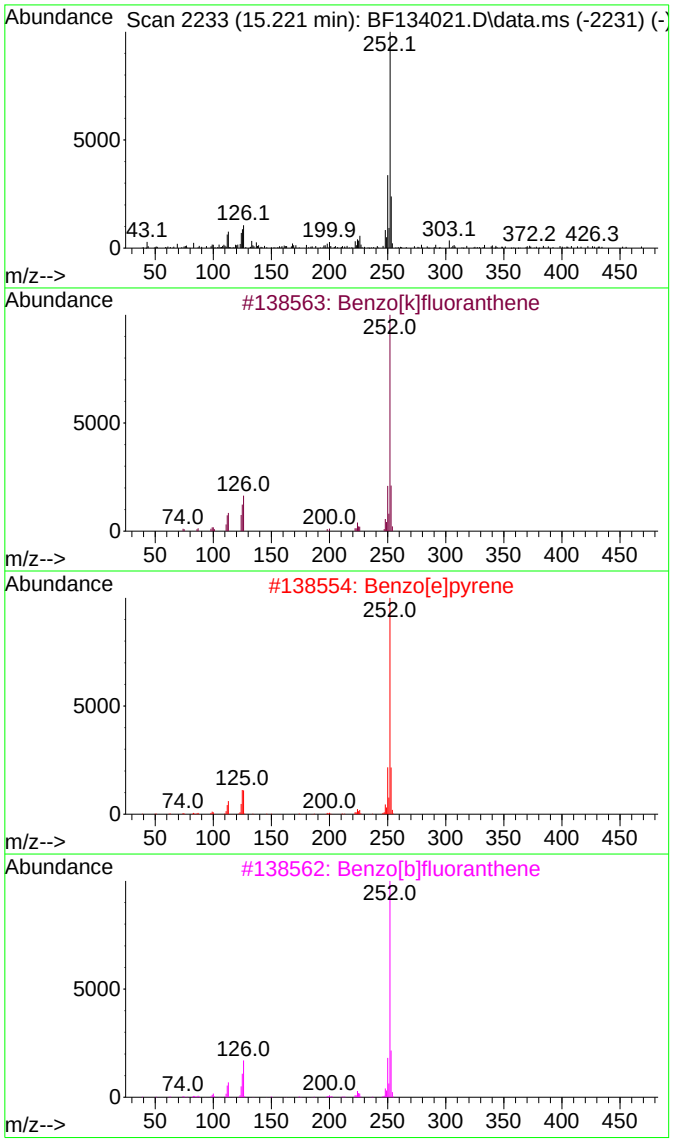
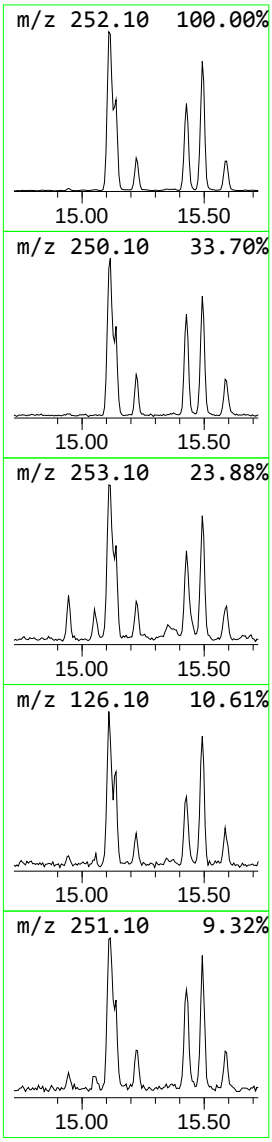
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	3.66 ng	63155	Perylene-d12	15.557

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	89
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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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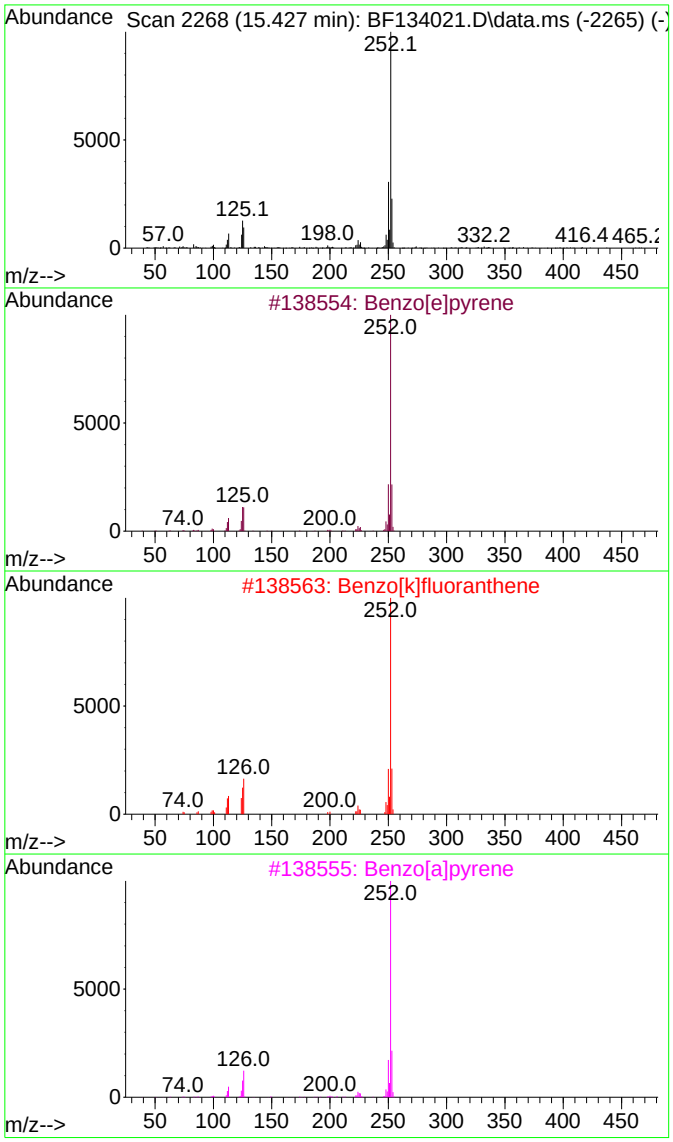
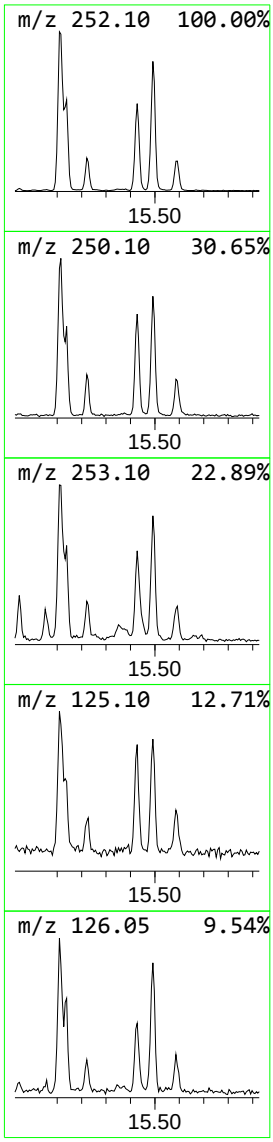
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	15.42 ng	265854	Perylene-d12	15.557

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[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF134021.D
Acq On : 28 Jun 2023 09:04
Operator : CG\JU
Sample : 03362-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-25

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.157	49.7	ng	1551440	1	6.851	623886	20.0
2-Pentanone, 4-...	5.093	5.4	ng	167359	1	6.851	623886	20.0
Benzophenone	10.604	12.5	ng	439846	3	9.892	703439	20.0
unknown10.810	10.810	3.5	ng	123808	4	11.386	713891	20.0
9H-Fluorene, 2-...	10.992	3.9	ng	140605	4	11.386	713891	20.0
unknown11.245	11.245	3.9	ng	140631	4	11.386	713891	20.0
Naphtho[2,3-b]t...	11.280	5.4	ng	192376	4	11.386	713891	20.0
Anthracene, 2-m...	11.892	6.3	ng	225407	4	11.386	713891	20.0
Phenanthrene, 2...	11.916	11.9	ng	423655	4	11.386	713891	20.0
Anthracene, 1-m...	11.969	3.9	ng	140221	4	11.386	713891	20.0
4H-Cyclopenta[d...	12.004	15.7	ng	558981	4	11.386	713891	20.0
Naphthalene, 2-...	12.186	4.8	ng	169889	4	11.386	713891	20.0
9,10-Dimethylan...	12.445	4.3	ng	155339	4	11.386	713891	20.0
unknown12.480	12.480	3.4	ng	120572	4	11.386	713891	20.0
Pyrene, 1-methyl-	13.063	3.9	ng	212127	5	14.051	1097290	20.0
11H-Benzo[a]flu...	13.169	5.3	ng	288633	5	14.051	1097290	20.0
11H-Benzo[b]flu...	13.239	3.3	ng	183106	5	14.051	1097290	20.0
11H-Benzo[a]flu...	13.892	3.4	ng	187806	5	14.051	1097290	20.0
Benzo[e]pyrene	15.221	3.7	ng	63155	6	15.557	344741	20.0
Perylene	15.427	15.4	ng	265854	6	15.557	344741	20.0