LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF134766.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	539	544	548	rBV	2617587	2419601	10.51%	1.143%
2	5.392	558	562	564	rBV	1049315	1103401	4.79%	0.521%
3	5.645	601	605	609	rBV	763667	724818	3.15%	0.342%
4	6.328	717	721	724	rVV	2001720	1635418	7.10%	0.773%
5	6.357	724	726	730	rVV	1276172	1004374	4.36%	0.474%
6	6.622	768	771	779	rVB	1407426	1499871	6.51%	0.709%
7	6.798	797	801	804	rBV	1046705	850525	3.69%	0.402%
8	6.857	808	811	813	rVV	646843	556276	2.42%	0.263%
9	6.986	827	833	836	rVB	5975849	6433924	27.94%	3.040%
10	7.045	841	843	846	rVV2	767631	665561	2.89%	0.314%
11	7.116	851	855	858	rBV	1362628	1123310	4.88%	0.531%
12	7.333	887	892	894	rVV	1299873	1063481	4.62%	0.502%
13	7.363	894	897	900	rVV2	654114	577489	2.51%	0.273%
14	7.592	934	936	940	rVB	701584	575489	2.50%	0.272%
15	7.751	960	963	968	rVB	2031606	1713926	7.44%	0.810%
16	7.822	968	975	979	rBV4	1578041	2494630	10.83%	1.179%
17	7.863	979	982	987	rVV	2303118	3151087	13.69%	1.489%
18	8.139	1014	1029	1031	rVV	7901827	23024759	100.00%	10.877%
19	8.163	1031	1033	1036	rVB	2510085	1890857	8.21%	0.893%
20	8.439	1075	1080	1082	rVV	582410	741937	3.22%	0.351%
21	8.522	1089	1094	1095	rVV2	580306	681772	2.96%	0.322%
22	8.545	1095	1098	1100	rVV	695409	773536	3.36%	0.365%
23	8.586	1102	1105	1110	rVV	711005	779670	3.39%	0.368%
24	8.745	1130	1132	1136	rVV	760671	817410	3.55%	0.386%
25	8.816	1136	1144	1146	rVV	6993653	12238852	53.16%	5.782%
26	8.851	1146	1150	1153	rVV	552105	502019	2.18%	0.237%
27	8.910	1153	1160	1163	rVV	6612958	9443519	41.01%	4.461%
28	9.257	1216	1219	1222	rVB	3413482	2684708	11.66%	1.268%
29	9.357	1232	1236	1241	rVB	4957374	5155376	22.39%	2.435%
30	9.427	1241	1248	1251	rBV	3606759	5033515	21.86%	2.378%
31	9.457	1251	1253	1255	rVV	840360	609235	2.65%	0.288%
32	9.498	1255	1260	1263	rVV	4237828	5422763	23.55%	2.562%
33	9.527	1263	1265	1268	rVV	3659111	2895319	12.57%	1.368%
34	9.563	1268	1271	1273	rVV2	467423	472847	2.05%	0.223%
35	9.616	1276	1280	1285	rVV	2546053	2949416	12.81%	1.393%
36	9.698	1287	1294	1297	rVV2	2429020	2388855	10.38%	1.129%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	9.822	1311	1315	1320	rBV2	1567489	2395376	10.40%	1.132%
38	9.880	1320	1325	1327	rVV	6551875	8501320	36.92%	4.016%
39	9.939	1332	1335	1340	rVV	1537334	1818916	7.90%	0.859%
40	10.039	1346	1352	1355	rVV2	1684134	2110387	9.17%	0.997%
41	10.080	1355	1359	1362	rVV	1142245	1113088	4.83%	0.526%
42	10.151	1366	1371	1374	rVV3	900233	1169240	5.08%	0.552%
43	10.180	1374	1376	1378	rVV	943230	764470	3.32%	0.361%
44	10.245	1382	1387	1389	rBV2	738830	1006435	4.37%	0.475%
45	10.286	1392	1394	1397	rVV	732089	651530	2.83%	0.308%
46	10.339	1397	1403	1404	rVV4	493789	782070	3.40%	0.369%
47	10.357	1404	1406	1408	rVV	905258	738266	3.21%	0.349%
48	10.392	1408	1412	1417	rVV	4143298	4598645	19.97%	2.172%
49	10.433	1417	1419	1424	rVV2	1130259	1816750	7.89%	0.858%
50	10.469	1424	1425	1427	rVV2	675700	540355	2.35%	0.255%
51	10.498	1427	1430	1432	rVV2	1524416	1599282	6.95%	0.756%
52	10.539	1435	1437	1440	rVV2	638499	837867	3.64%	0.396%
53	10.569	1440	1442	1446	rVV	766555	653447	2.84%	0.309%
54	10.610	1446	1449	1455	rVV2	1710116	1943616	8.44%	0.918%
55	10.751	1470	1473	1478	rVB2	420929	471992	2.05%	0.223%
56	10.933	1500	1504	1507	rVV	1148031	1431739	6.22%	0.676%
57	10.963	1507	1509	1512	rVB	857009	659734	2.87%	0.312%
58	11.016	1515	1518	1522	rBV2	757420	708631	3.08%	0.335%
59	11.133	1536	1538	1543	rVB	624360	531902	2.31%	0.251%
60	11.221	1549	1553	1556	rBV	2095466	1869592	8.12%	0.883%
61	11.327	1567	1571	1572	rBV	901524	866774	3.76%	0.409%
62	11.369	1572	1578	1580	rVV	6603436	9648272	41.90%	4.558%
63	11.410	1580	1585	1587	rVV	4030700	3493482	15.17%	1.650%
64	11.621	1618	1621	1624	rBV	587947	480027	2.08%	0.227%
65	11.657	1624	1627	1632	rVB2	793614	748084	3.25%	0.353%
66	11.739	1638	1641	1645	rVB	579481	666041	2.89%	0.315%
67	11.833	1653	1657	1659	rVV	2414259	2383326	10.35%	1.126%
68	11.863	1659	1662	1665	rVV	2672233	2354269	10.22%	1.112%
69	11.904	1666	1669	1672	rVV	1109774	1093337	4.75%	0.517%
70	11.945	1672	1676	1678	rVV	3316558	3755918	16.31%	1.774%
71	11.968	1678	1680	1683	rVV	1674065	1331463	5.78%	0.629%
72	12.127	1704	1707	1710	rVV	1462585	1400524	6.08%	0.662%
73	12.380	1744	1750	1753	rBV	1220253	1442176	6.26%	0.681%
74	12.416	1753	1756	1758	rVV2	807644	978183	4.25%	0.462%
75	12.480	1762	1767	1769	rVV2	388954	638533	2.77%	0.302%
76	12.545	1774	1778	1782	rBV	4228167	4336187	18.83%	2.048%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	12.639	1791	1794	1797	rVB	1753615	1419100	6.16%	0.670%
78	12.780	1812	1818	1823	rBV	5253616	6354418	27.60%	3.002%
79	12.992	1850	1854	1858	rBV	541331	710983	3.09%	0.336%
80	13.080	1865	1869	1870	rBV2	509300	602683	2.62%	0.285%
81	13.104	1870	1873	1876	rVB	1278722	1261044	5.48%	0.596%
82	13.168	1881	1884	1887	rVB	1216816	991370	4.31%	0.468%
83	13.204	1887	1890	1893	rBV	915175	740285	3.22%	0.350%
84	13.268	1898	1901	1904	rBV	979372	1040470	4.52%	0.492%
85	13.298	1904	1906	1909	rVV	681262	542810	2.36%	0.256%
86	13.327	1909	1911	1920	rVB	947993	1077673	4.68%	0.509%
87	13.751	1980	1983	1985	rVV	547438	540373	2.35%	0.255%
88	13.968	2015	2020	2023	rBV2	2693466	3450905	14.99%	1.630%
89	14.004	2023	2026	2031	rVB	1939356	1940817	8.43%	0.917%
90	14.362	2084	2087	2090	rVV	721926	737448	3.20%	0.348%
91	14.457	2095	2103	2105	rVV3	412273	605179	2.63%	0.286%
92	14.509	2110	2112	2117	rVV2	589424	627294	2.72%	0.296%
93	15.021	2193	2199	2206	rBV	945231	2168821	9.42%	1.025%
94	15.121	2212	2216	2221	rBV	403214	469993	2.04%	0.222%
95	15.321	2245	2250	2256	rBV	861627	1016353	4.41%	0.480%
96	15.386	2256	2261	2265	rBV	1596732	1976268	8.58%	0.934%
97	15.445	2266	2271	2274	rVV	658420	839796	3.65%	0.397%
98	15.651	2298	2306	2316	rVB2	143217	500858	2.18%	0.237%
99	16.933	2518	2524	2534	rBV2	390132	830885	3.61%	0.393%
100	17.392	2594	2602	2620	rBV	354804	799727	3.47%	0.378%

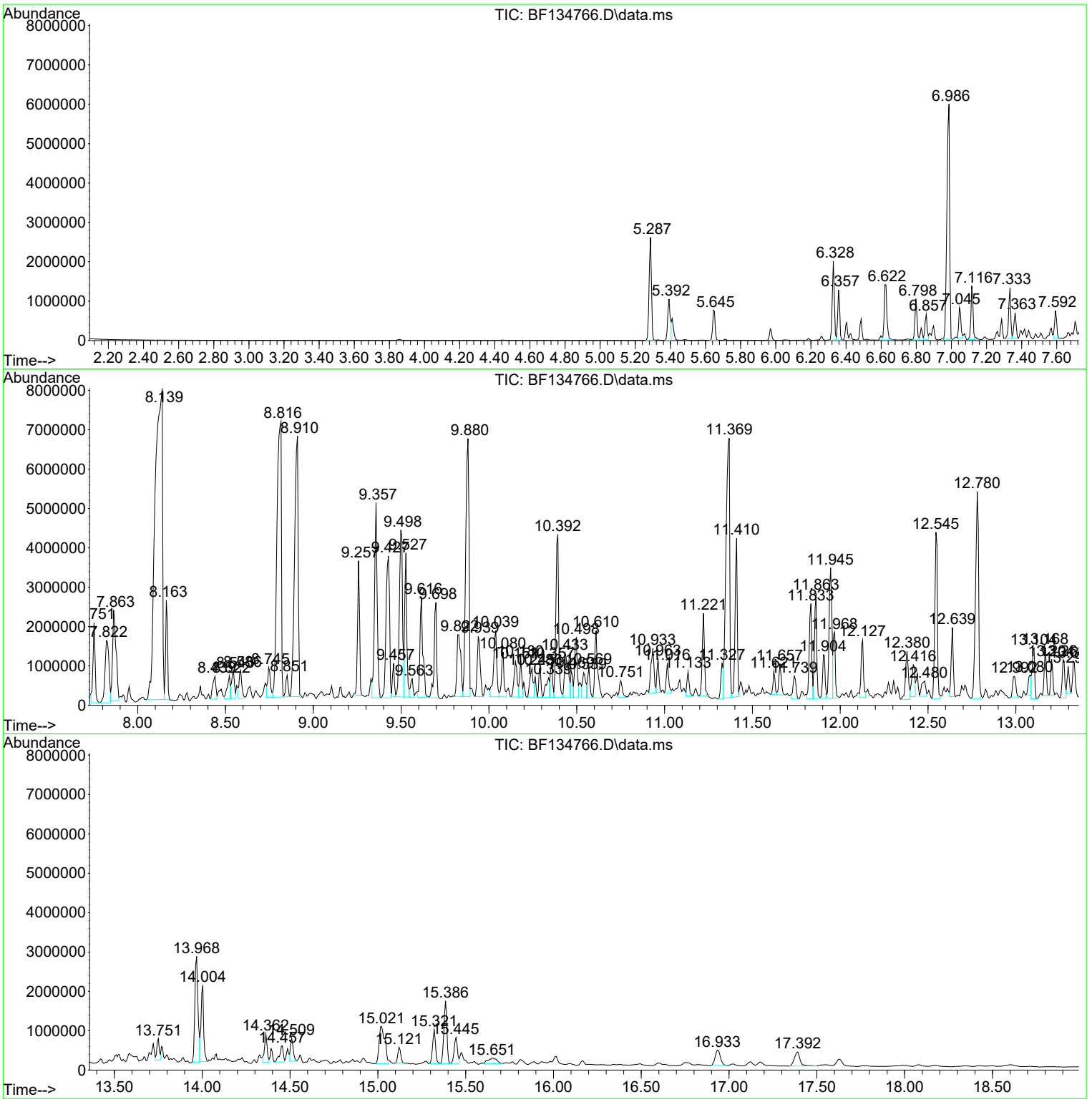
Sum of corrected areas: 211676345

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

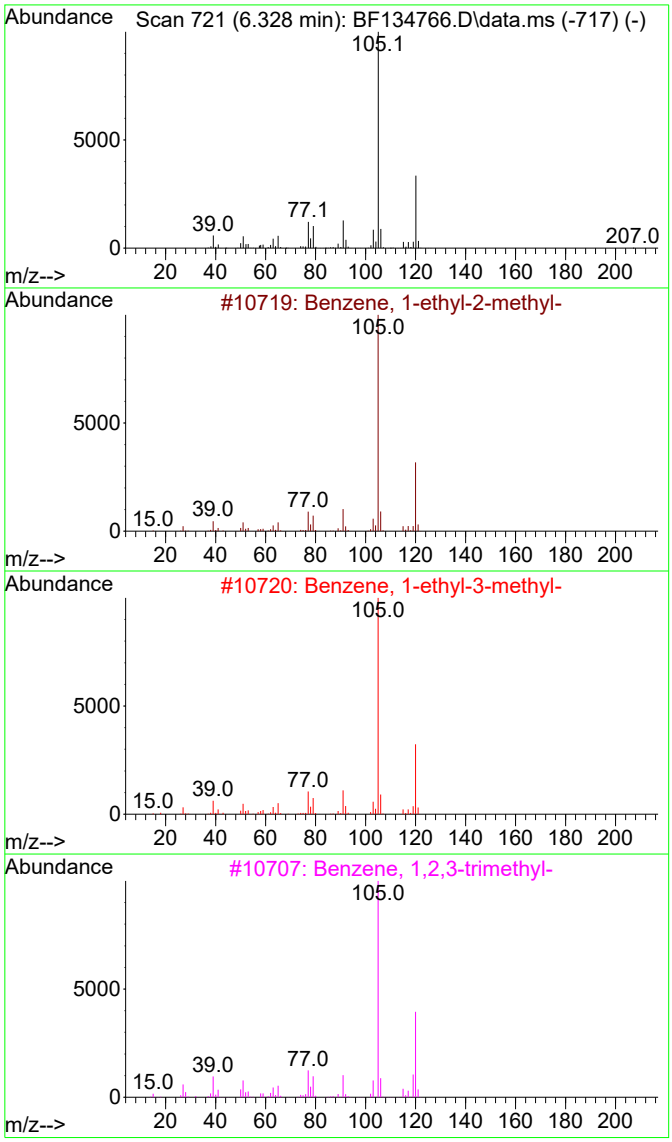
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

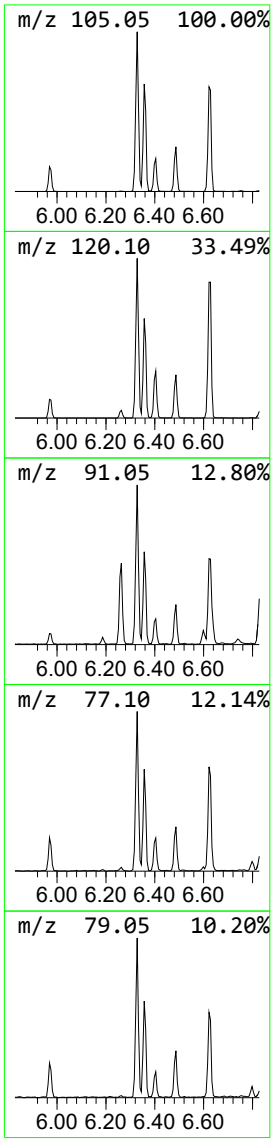
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	38.46 ng	1635420	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

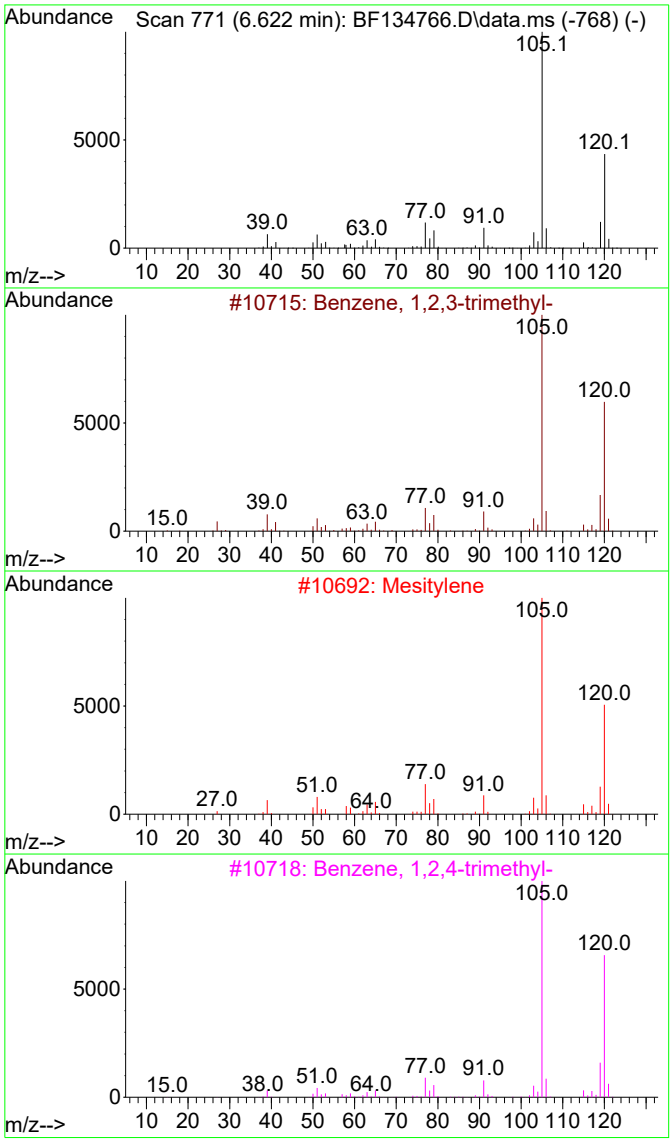
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

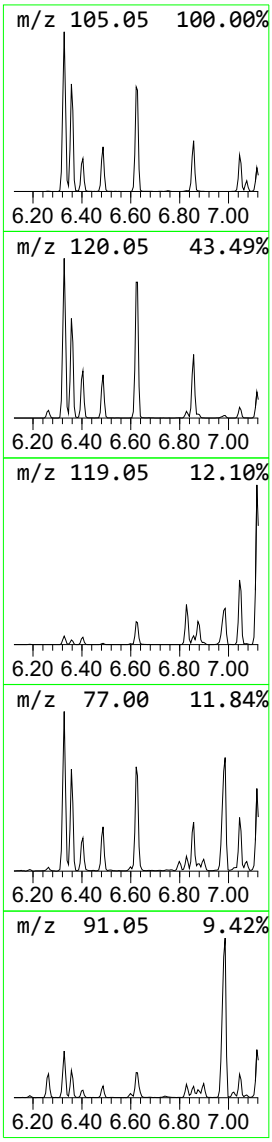
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	35.27 ng	1499870	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

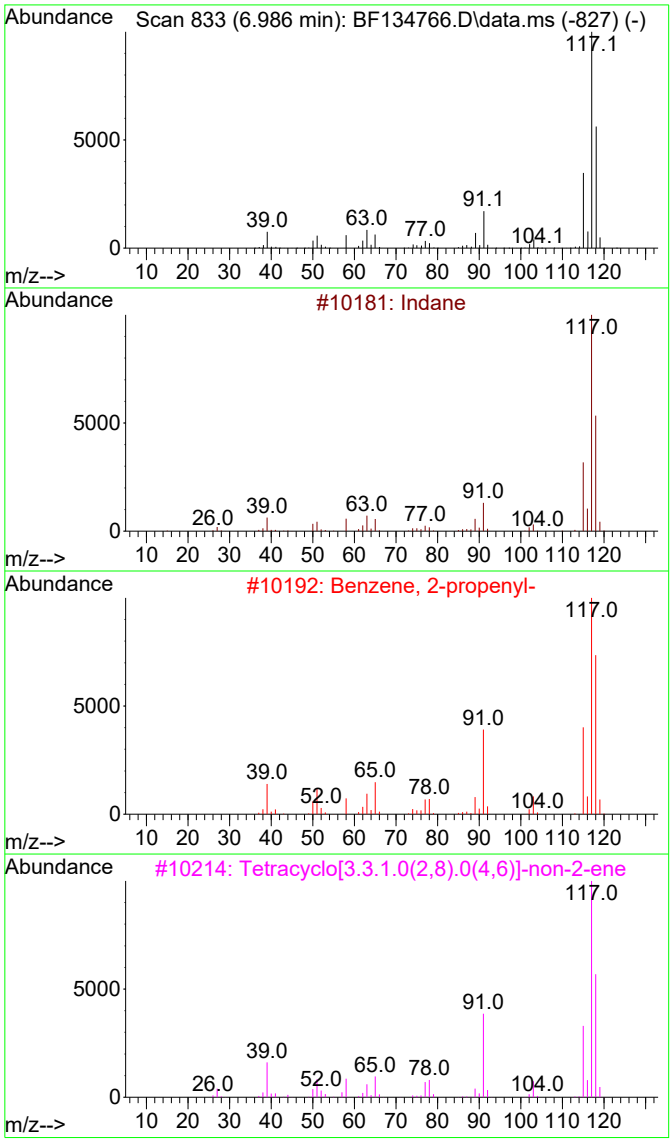
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

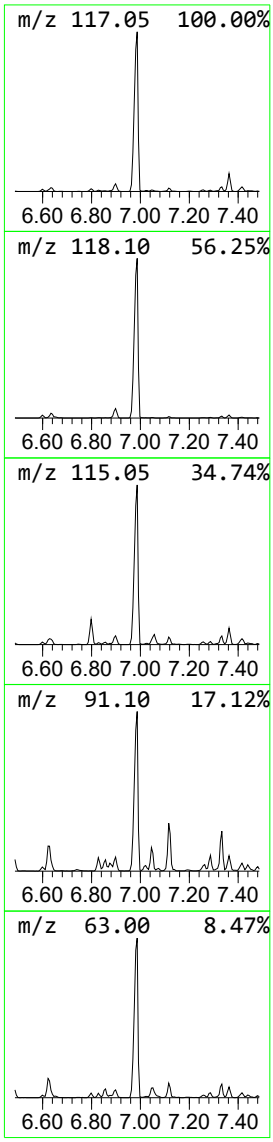
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.986	151.29 ng	6433920	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

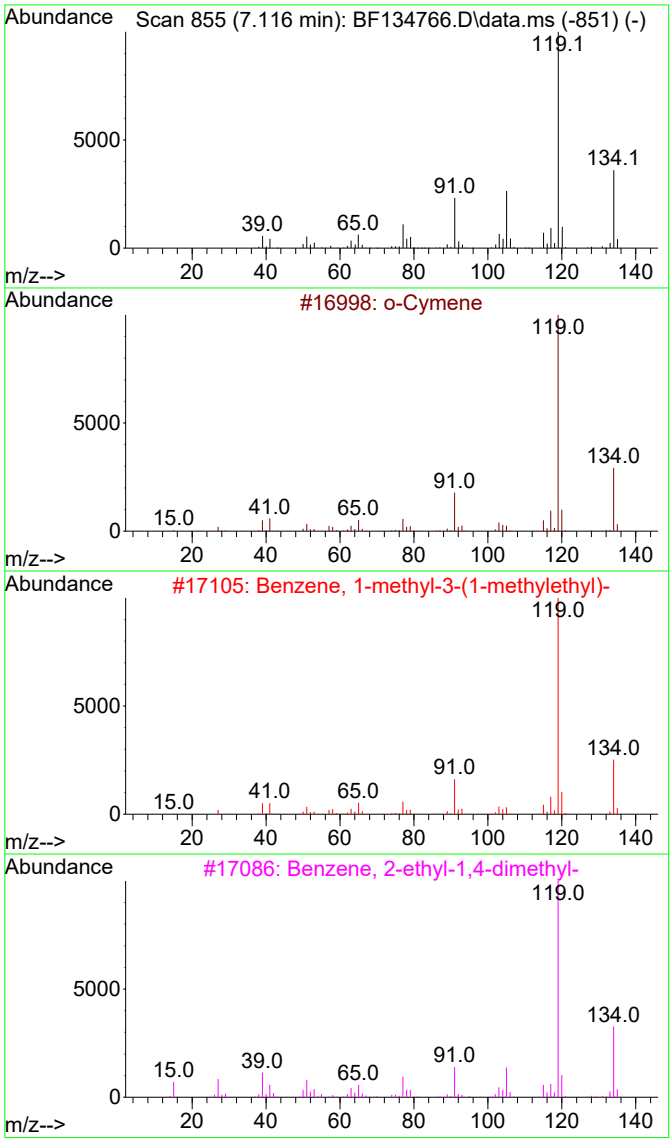
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

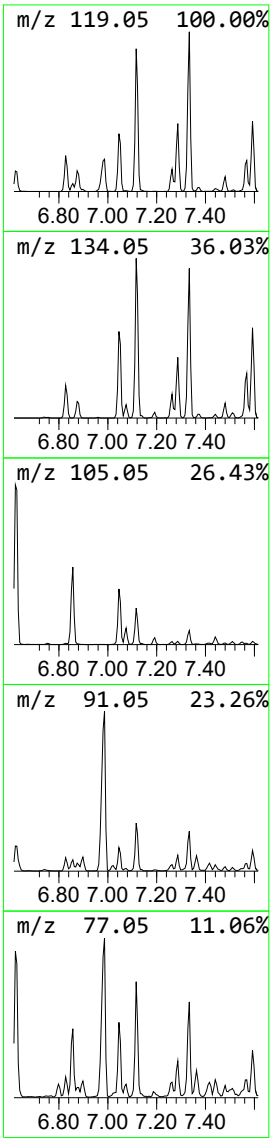
****

Peak Number 5 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	26.41 ng	1123310	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

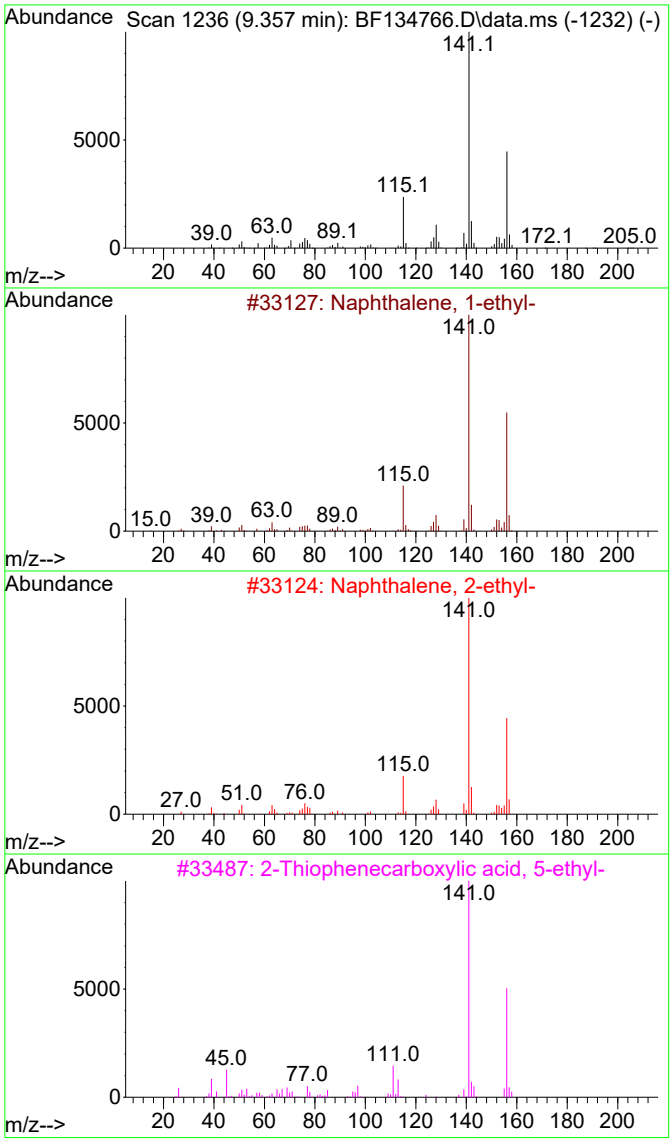
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

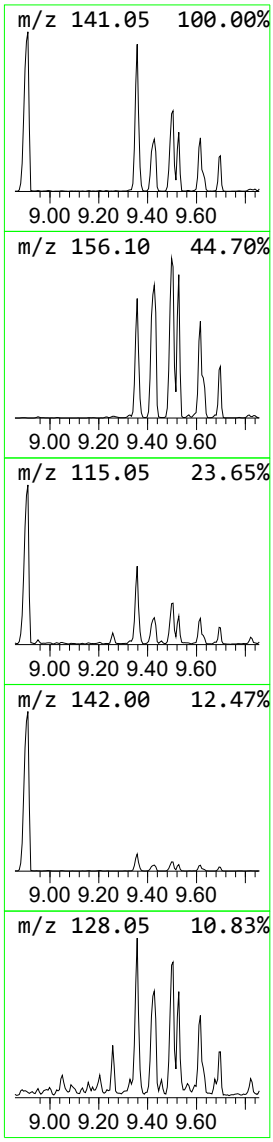
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	43.04 ng	5155380	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53
5	7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50





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Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

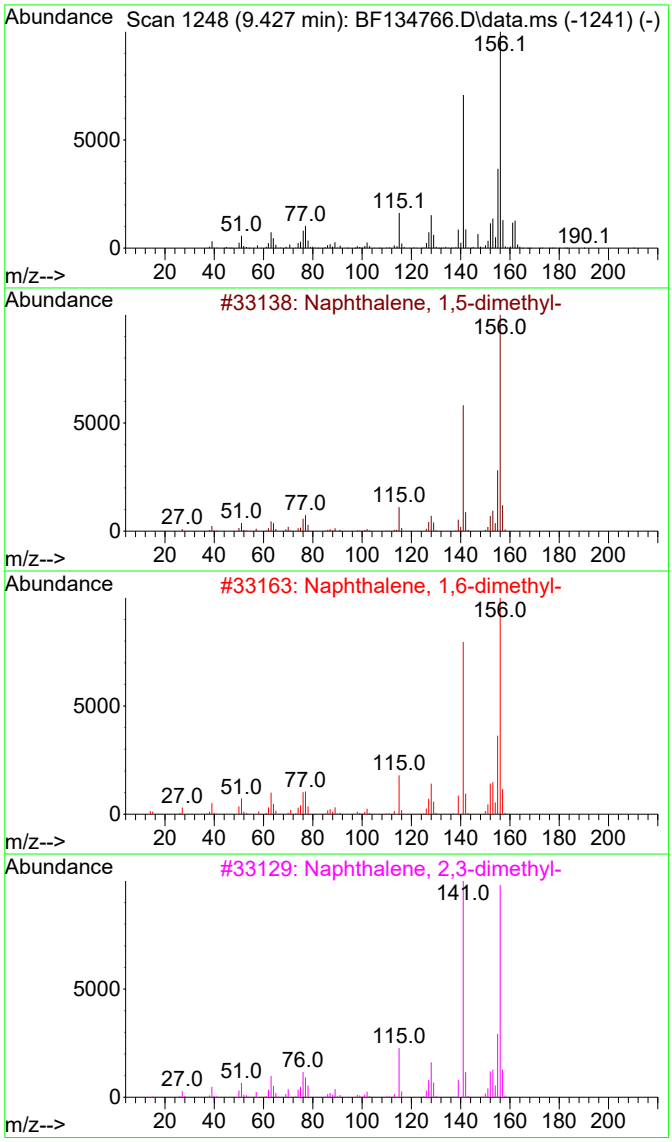
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

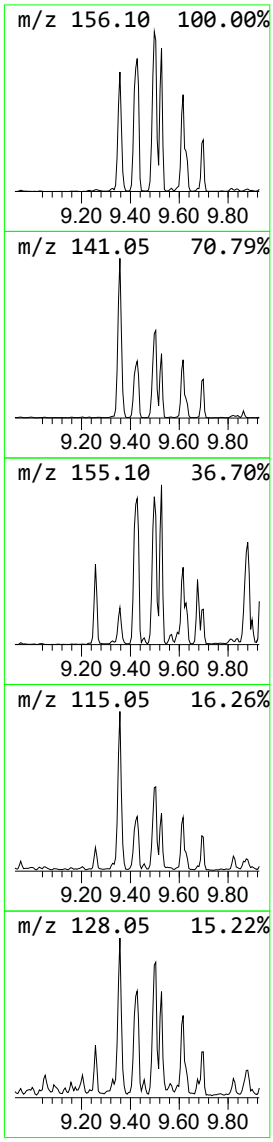
****

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.427	42.03 ng	5033520	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

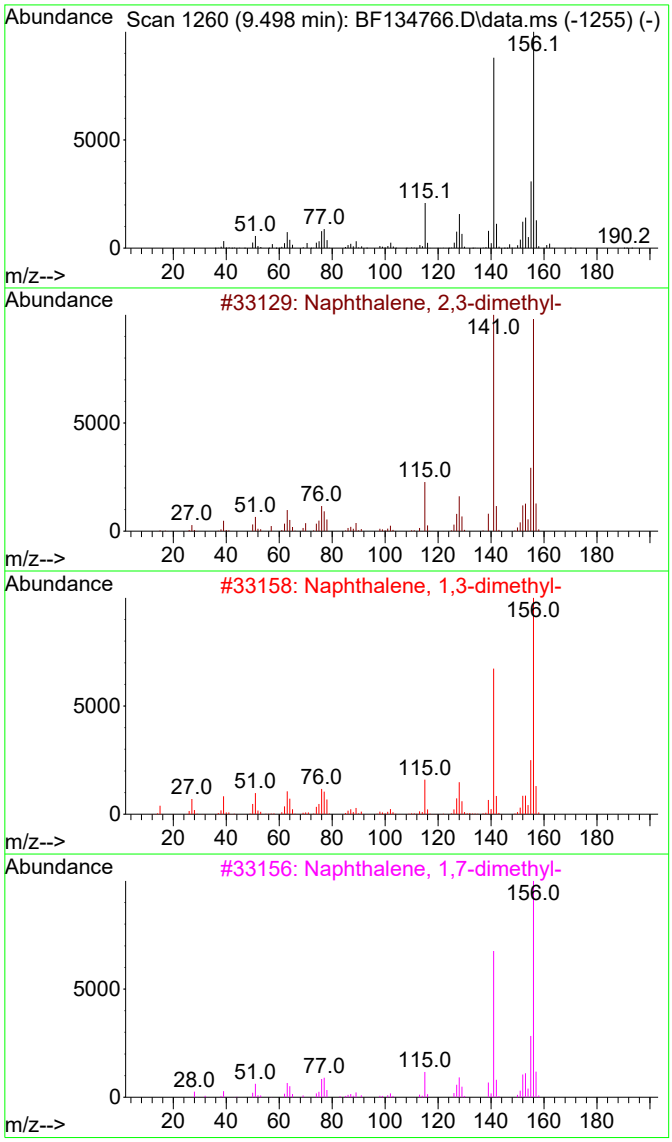
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

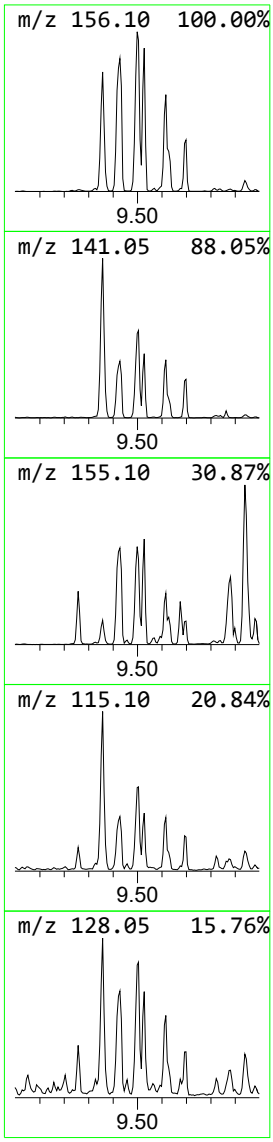
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	45.28 ng	5422760	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

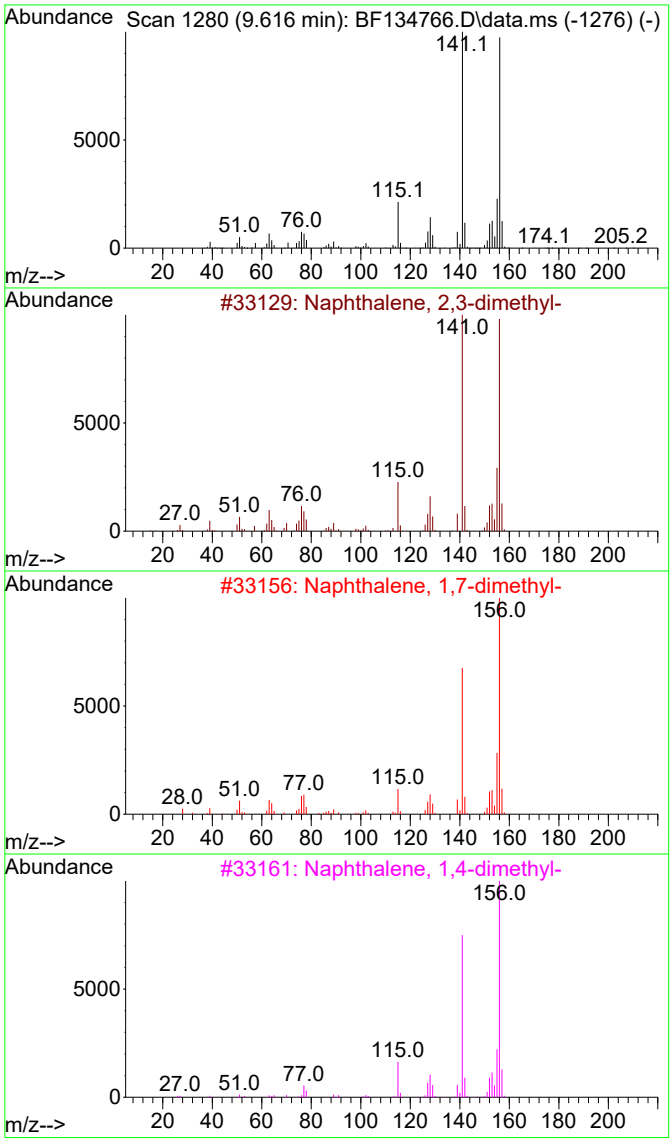
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

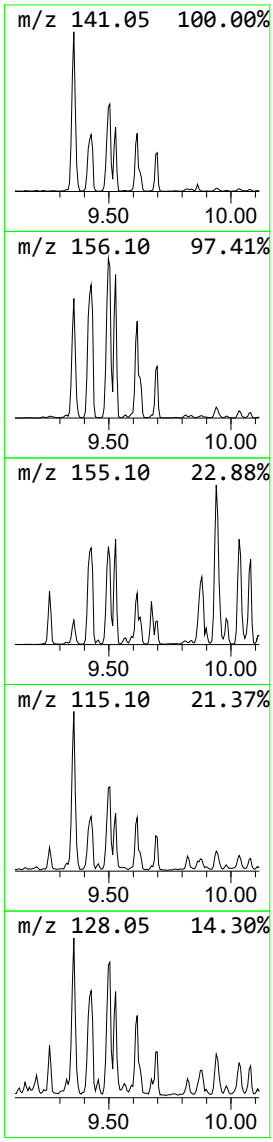
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	24.63 ng	2949420	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

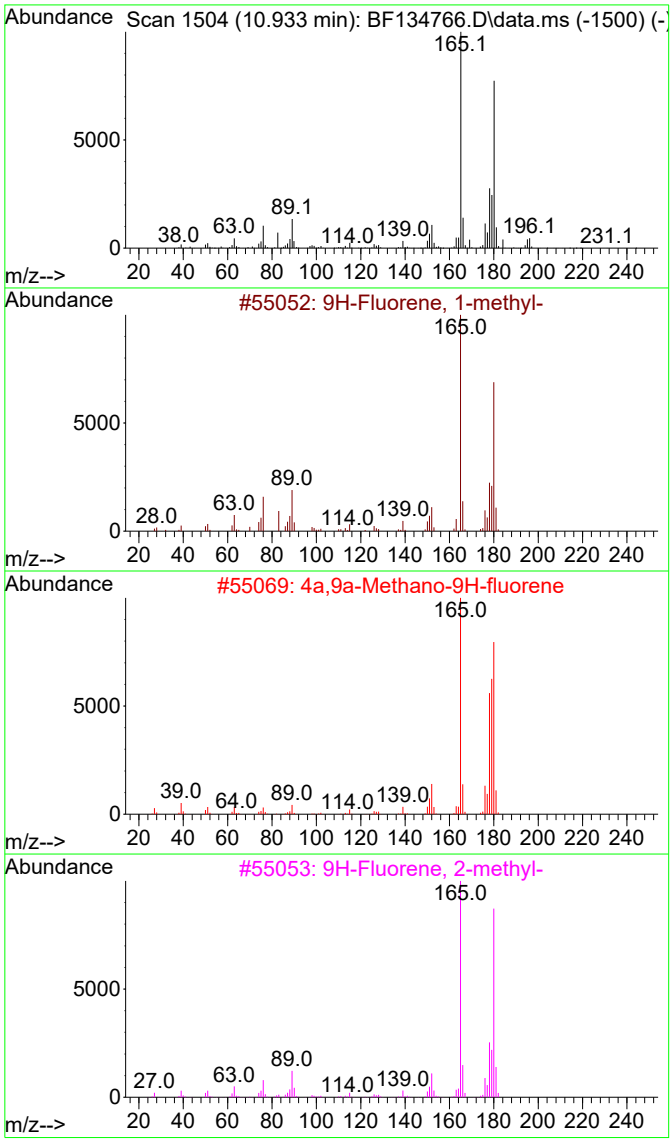
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

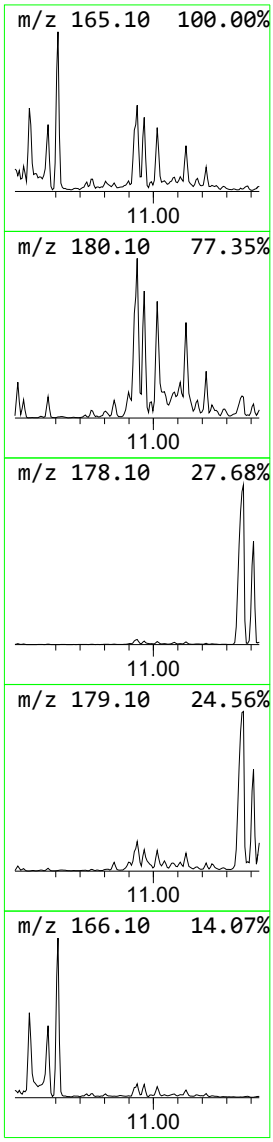
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	33.04 ng	1431740	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81





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Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

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

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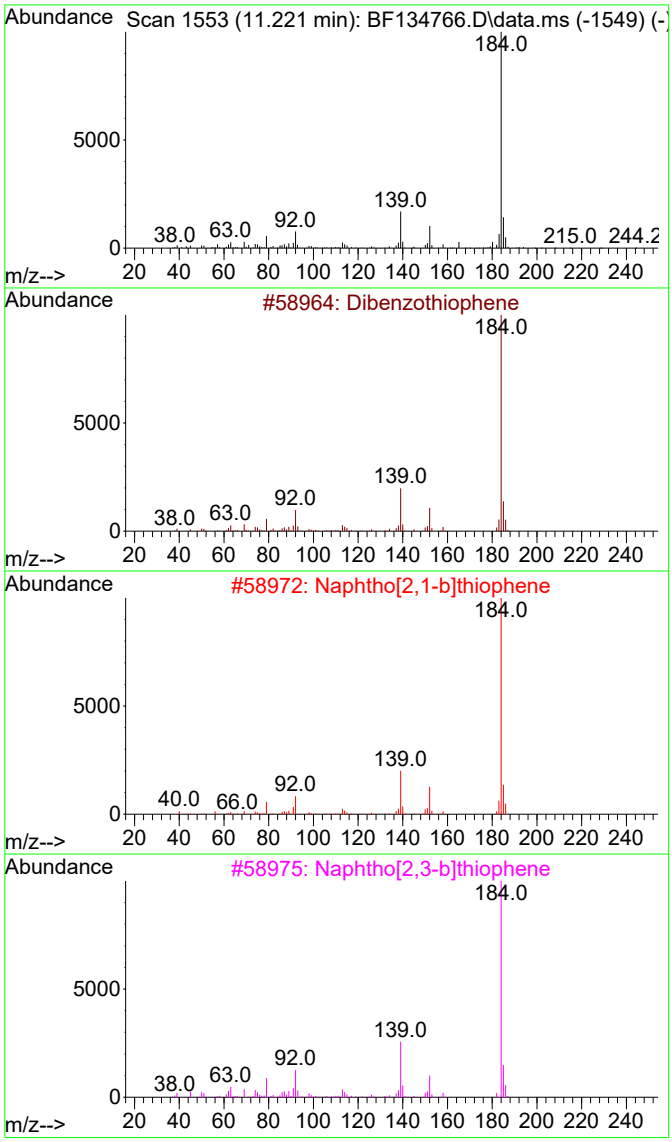
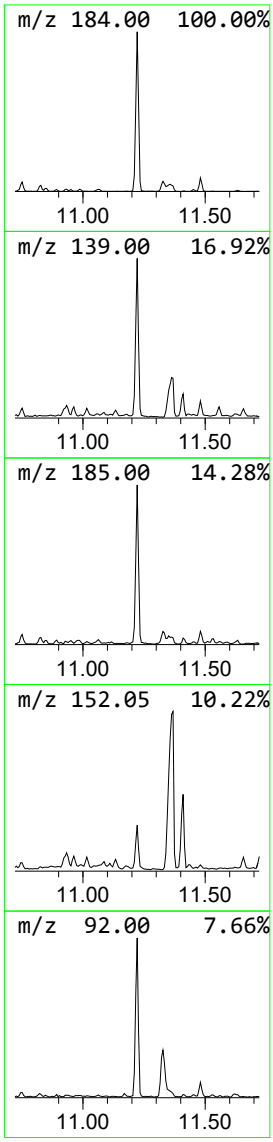
Peak Number 11 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	43.14 ng	1869590	Phenanthrene-d10	11.327

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	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

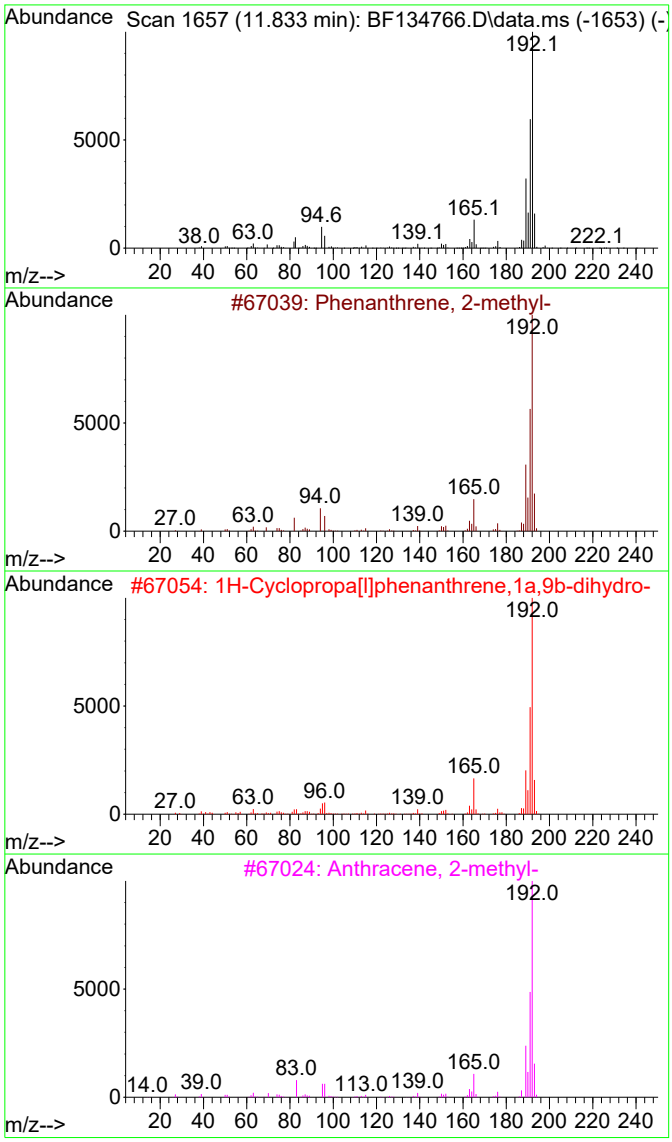
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

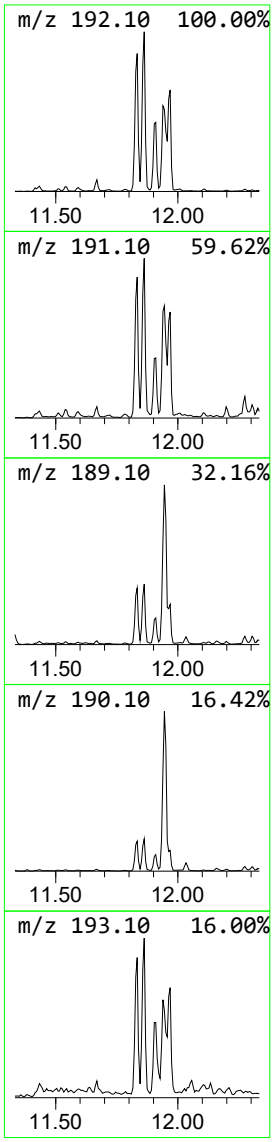
****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	54.99 ng	2383330	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

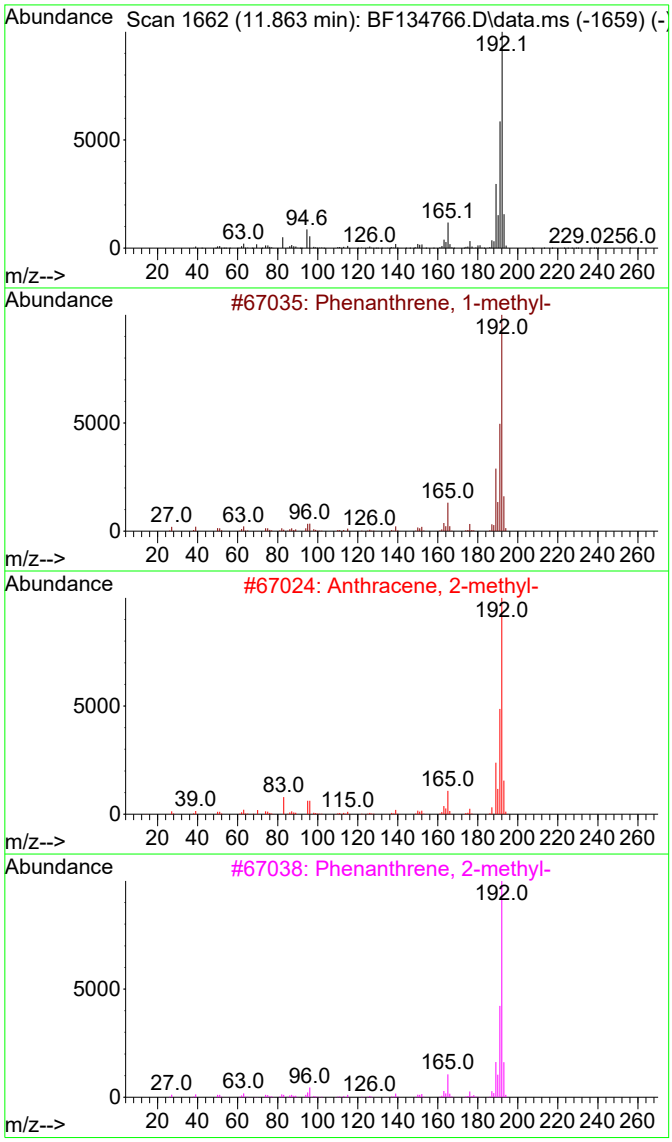
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

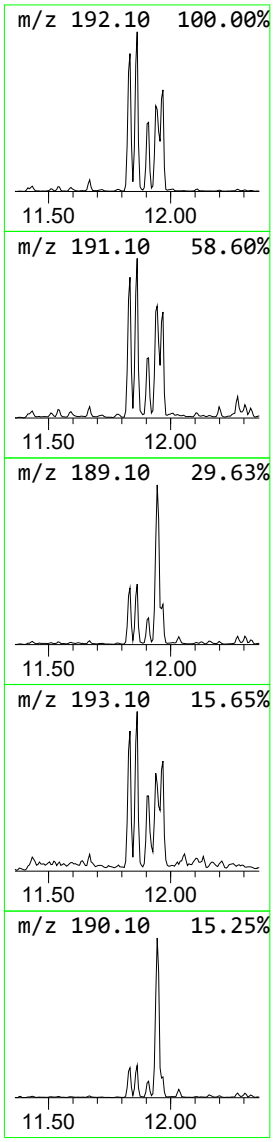
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	54.32 ng	2354270	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
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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Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

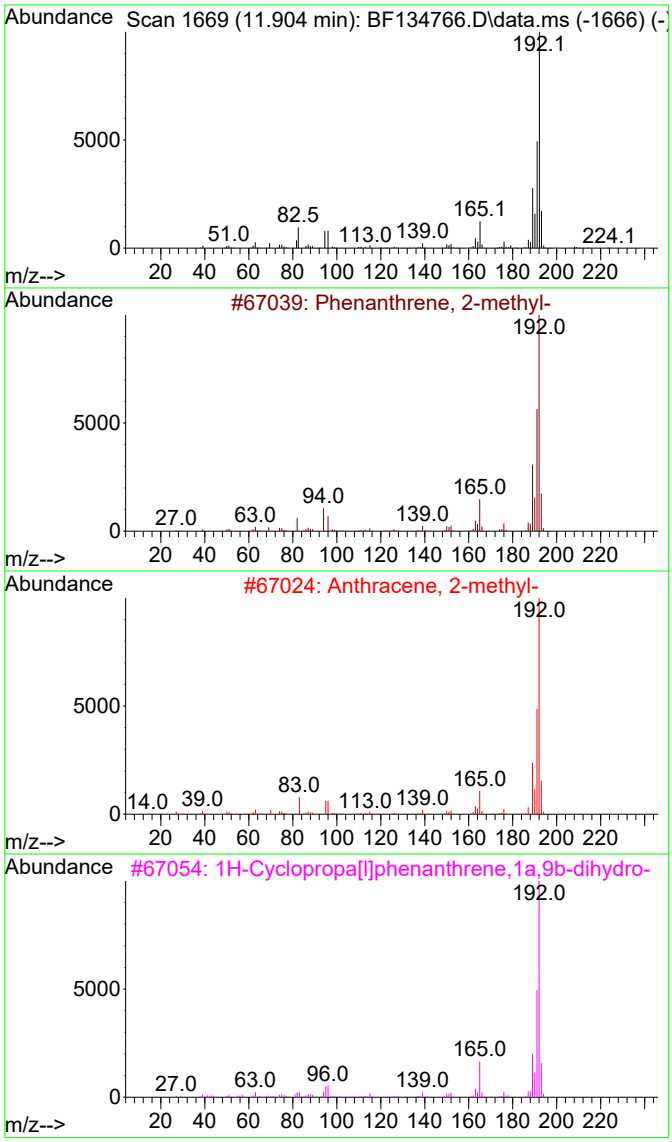
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

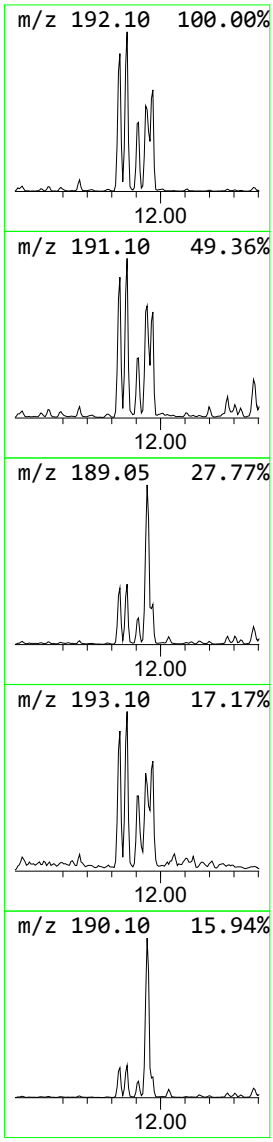
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	25.23 ng	1093340	Phenanthrene-d10	11.327

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

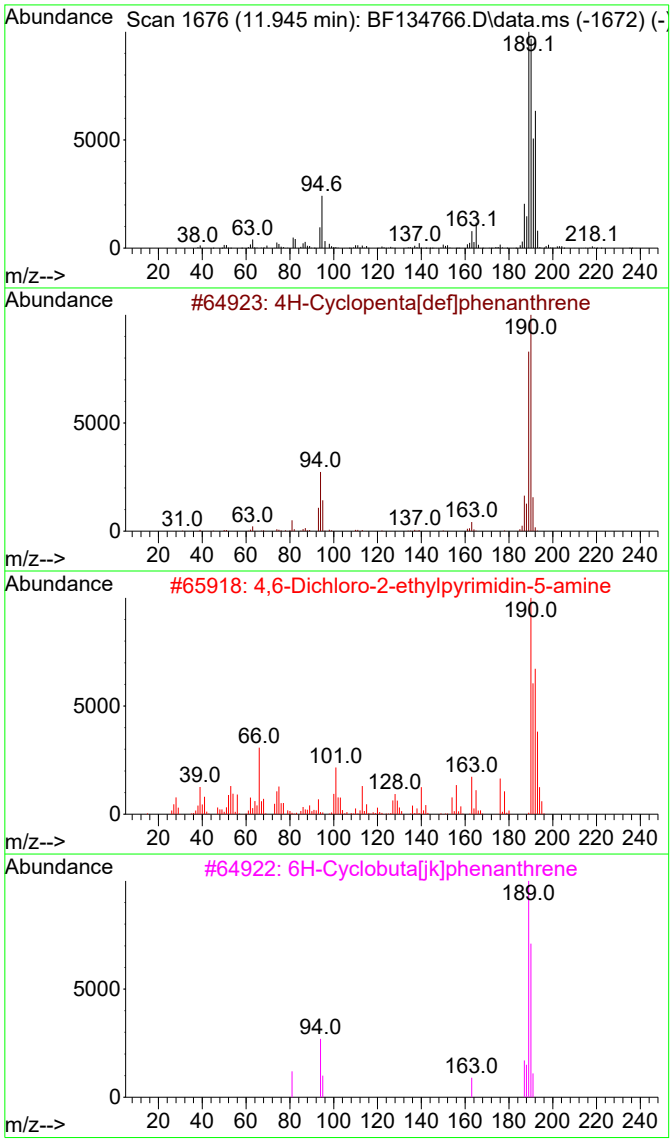
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

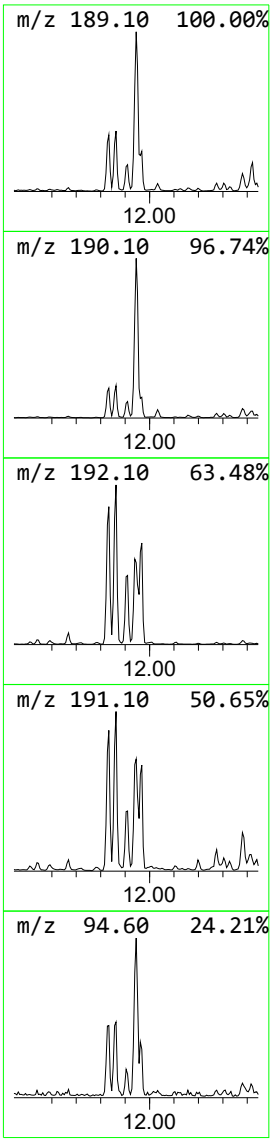
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	86.66 ng	3755920	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	35





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Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

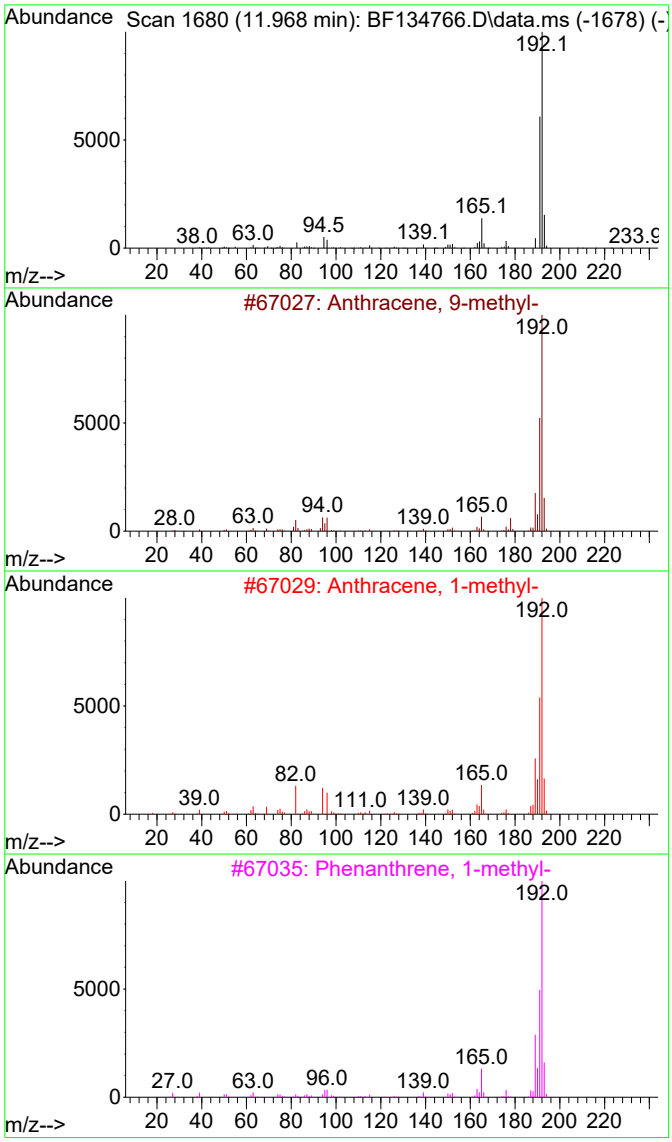
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

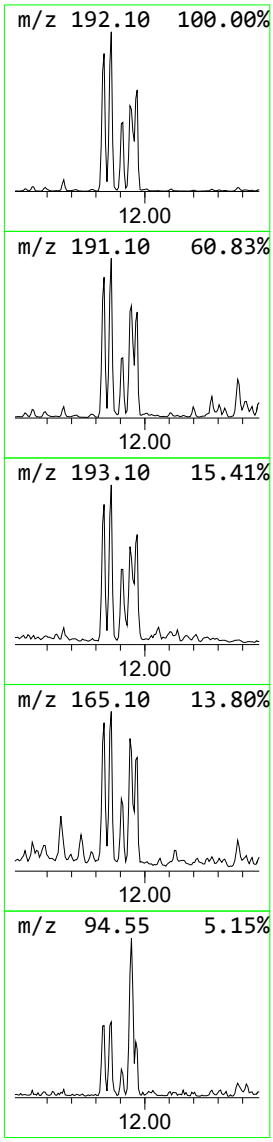
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	30.72 ng	1331460	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

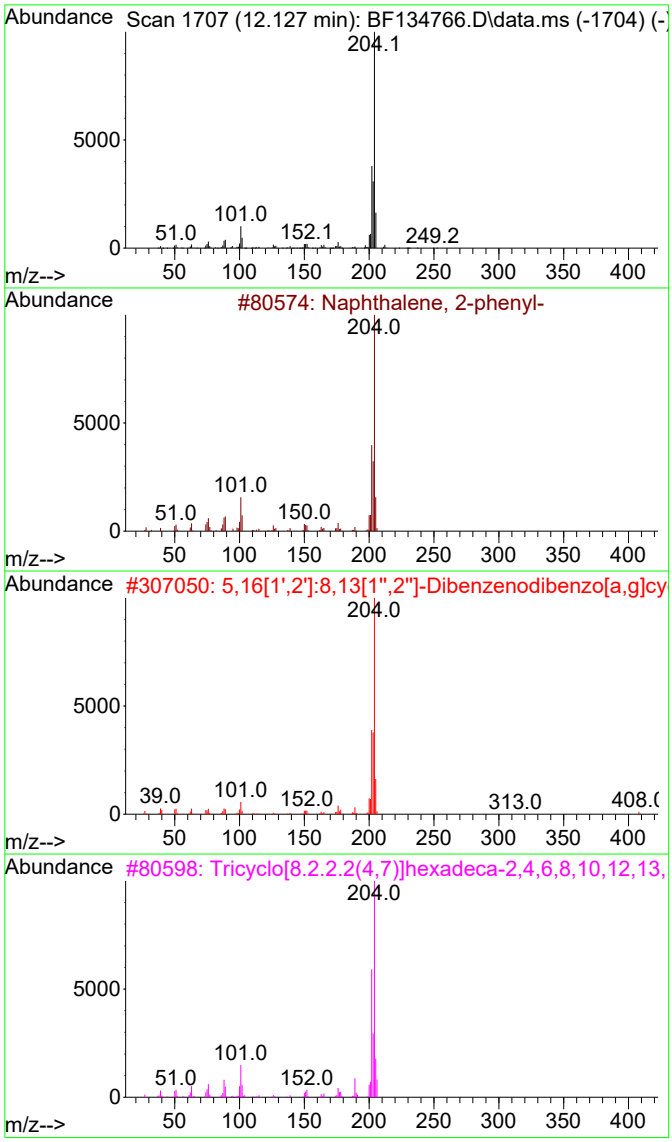
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

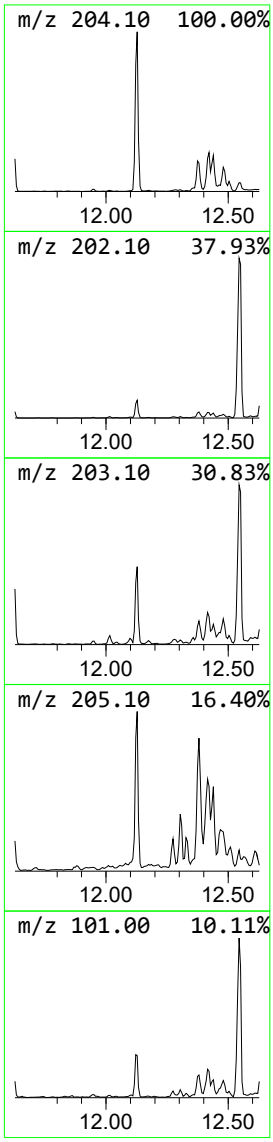
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	32.32 ng	1400520	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	53
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	53





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Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

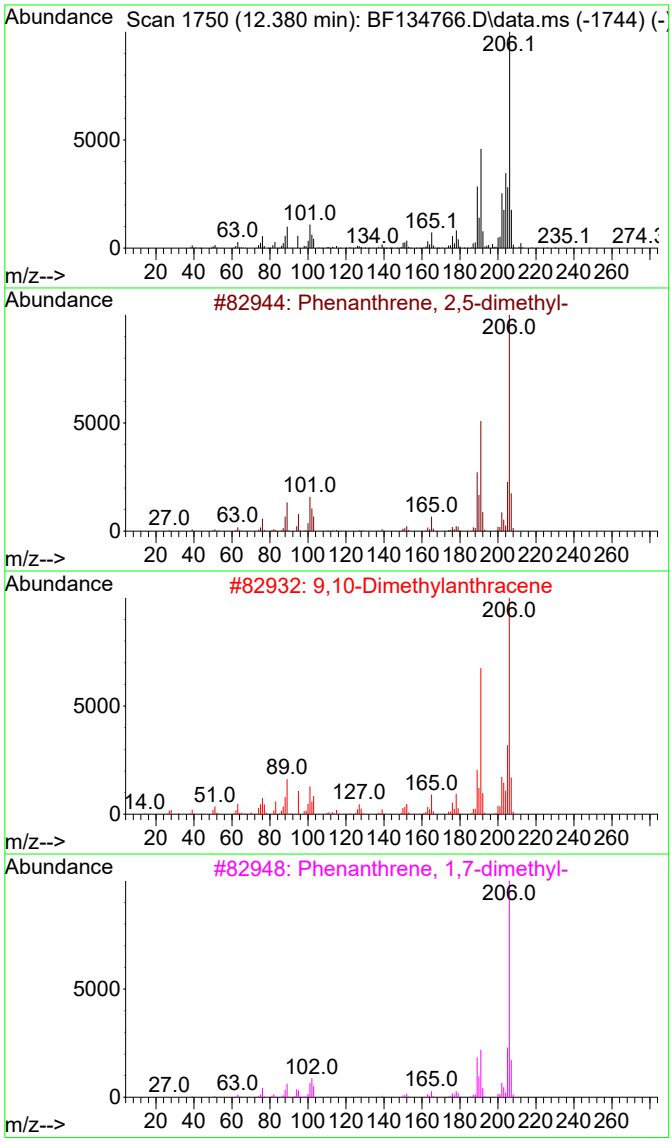
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

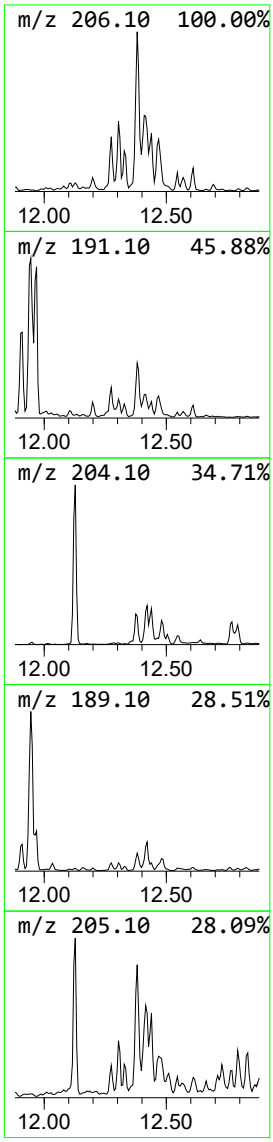
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	33.28 ng	1442180	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

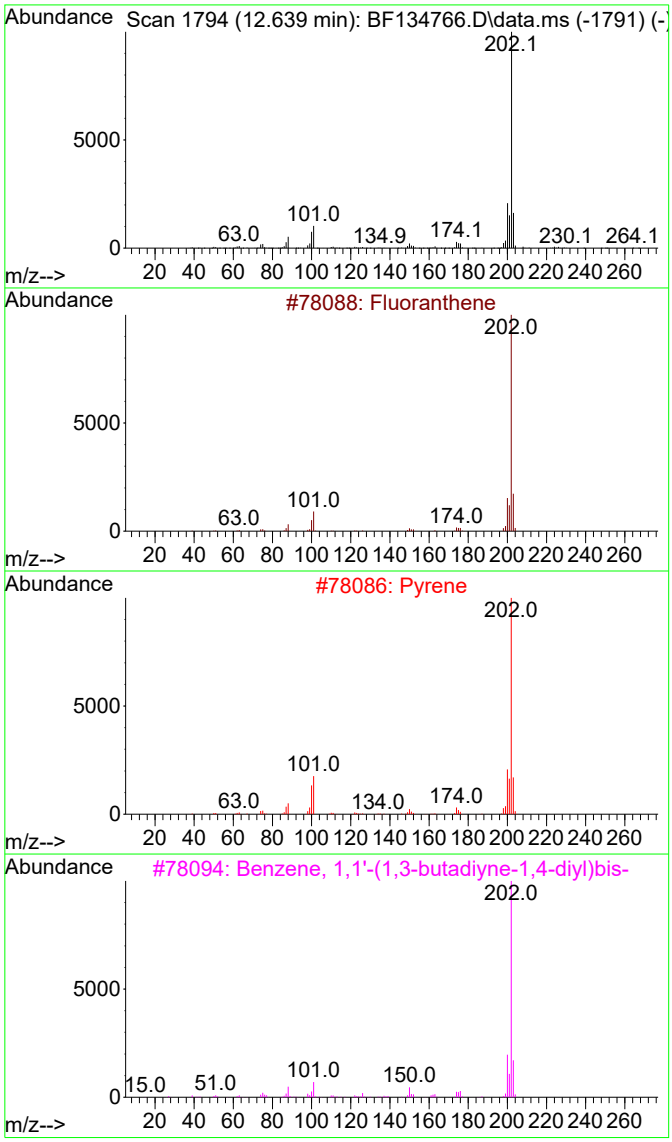
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

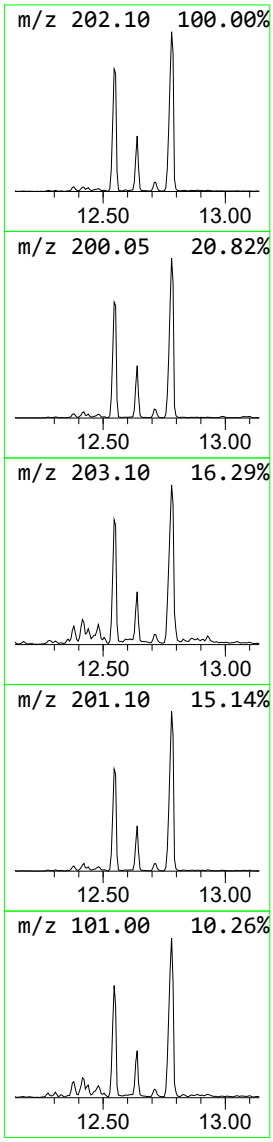
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	32.74 ng	1419100	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38
5	2-pyrazinol, 3-bromo-5,6-dimethyl-	202	C6H7BrN2O	1010396-05-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

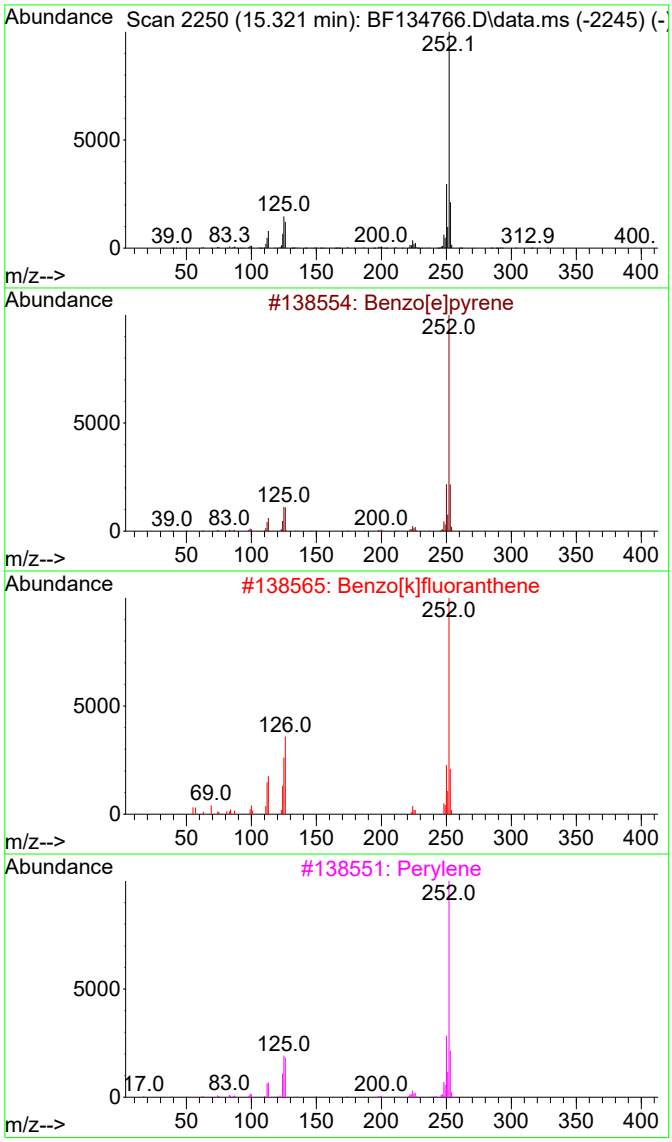
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

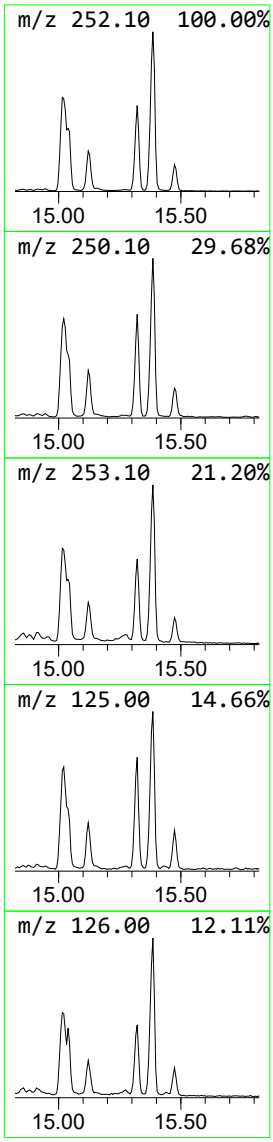
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	24.20 ng	1016350	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134766.D
Acq On : 14 Aug 2023 18:46
Operator : CG\JU
Sample : 03975-01 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z10-12

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	6.328	38.5	ng	1635420	1	6.798	850525	20.0
Benzene, 1,2,3-...	6.622	35.3	ng	1499870	1	6.798	850525	20.0
Indane	6.986	151.3	ng	6433920	1	6.798	850525	20.0
o-Cymene	7.116	26.4	ng	1123310	1	6.798	850525	20.0
Naphthalene, 1-...	9.357	43.0	ng	5155380	3	9.839	2395380	20.0
Naphthalene, 1,...	9.427	42.0	ng	5033520	3	9.839	2395380	20.0
Naphthalene, 2,...	9.498	45.3	ng	5422760	3	9.839	2395380	20.0
Naphthalene, 1,...	9.616	24.6	ng	2949420	3	9.839	2395380	20.0
9H-Fluorene, 1-...	10.933	33.0	ng	1431740	4	11.327	866774	20.0
Dibenzothiophene	11.222	43.1	ng	1869590	4	11.327	866774	20.0
Phenanthrene, 2...	11.833	55.0	ng	2383330	4	11.327	866774	20.0
Phenanthrene, 1...	11.863	54.3	ng	2354270	4	11.327	866774	20.0
Anthracene, 2-m...	11.904	25.2	ng	1093340	4	11.327	866774	20.0
4H-Cyclopenta[d...	11.945	86.7	ng	3755920	4	11.327	866774	20.0
Anthracene, 9-m...	11.969	30.7	ng	1331460	4	11.327	866774	20.0
Naphthalene, 2-...	12.127	32.3	ng	1400520	4	11.327	866774	20.0
Phenanthrene, 2...	12.380	33.3	ng	1442180	4	11.327	866774	20.0
Benzene, 1,1'-(...	12.639	32.7	ng	1419100	4	11.327	866774	20.0
Benzo[e]pyrene	15.321	24.2	ng	1016350	6	15.445	839796	20.0