LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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: BF134776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.863	292	302	309	rBV	201748	280640	2.94%	0.342%
2	5.287	540	544	548	rBV	558369	518461	5.44%	0.632%
3	5.392	558	562	572	rBV2	330200	457608	4.80%	0.558%
4	5.645	597	605	609	rBV2	239350	264896	2.78%	0.323%
5	6.357	723	726	730	rVB	291352	224115	2.35%	0.273%
6	6.628	768	772	777	rVB2	928967	978682	10.27%	1.193%
7	6.798	797	801	804	rBV	1207569	951126	9.98%	1.159%
8	7.057	841	845	848	rBV	2398094	1950434	20.46%	2.377%
9	7.404	900	904	908	rBV2	252459	337946	3.55%	0.412%
10	7.592	933	936	939	rVB	225712	181884	1.91%	0.222%
11	7.628	939	942	945	rBV	235725	184620	1.94%	0.225%
12	7.828	968	976	979	rBV3	928748	1128043	11.84%	1.375%
13	7.857	979	981	987	rVB	688819	869861	9.13%	1.060%
14	7.945	993	996	1001	rBV3	159161	180622	1.90%	0.220%
15	8.110	1013	1024	1027	rBV2	6518407	9531242	100.00%	11.616%
16	8.151	1027	1031	1035	rVB	408297	399612	4.19%	0.487%
17	8.504	1088	1091	1092	rVV2	181684	179426	1.88%	0.219%
18	8.539	1095	1097	1099	rVV2	204128	203959	2.14%	0.249%
19	8.580	1102	1104	1109	rVV	204792	197579	2.07%	0.241%
20	8.633	1109	1113	1117	rVV3	127699	171789	1.80%	0.209%
21	8.669	1117	1119	1123	rVV2	292344	282380	2.96%	0.344%
22	8.722	1126	1128	1130	rVV2	166979	173681	1.82%	0.212%
23	8.798	1135	1141	1144	rVB	4855127	4711693	49.43%	5.742%
24	8.892	1151	1157	1160	rBV	3754376	3350459	35.15%	4.083%
25	9.251	1212	1218	1224	rVV2	847744	1024640	10.75%	1.249%
26	9.351	1232	1235	1240	rVB	447744	567220	5.95%	0.691%
27	9.422	1242	1247	1250	rVV	1153975	1546990	16.23%	1.885%
28	9.451	1250	1252	1255	rVV	249374	194149	2.04%	0.237%
29	9.492	1255	1259	1261	rVV	1831089	1792083	18.80%	2.184%
30	9.522	1261	1264	1267	rVV	1120286	1067525	11.20%	1.301%
31	9.557	1267	1270	1273	rVV	1417508	1117890	11.73%	1.362%
32	9.610	1276	1279	1287	rVV	935992	1026388	10.77%	1.251%
33	9.692	1290	1293	1297	rVB	2886159	2687411	28.20%	3.275%
34	9.769	1303	1306	1311	rBV	340174	261990	2.75%	0.319%
35	9.816	1311	1314	1315	rBV	528278	496751	5.21%	0.605%
36	9.833	1315	1317	1320	rVV	1864330	1429986	15.00%	1.743%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
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Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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	9.863	1320	1322	1326	rVB2	715778	689502	7.23%	0.840%
38	9.939	1332	1335	1339	rVB2	220557	271096	2.84%	0.330%
39	10.033	1346	1351	1355	rVV2	546934	580504	6.09%	0.707%
40	10.074	1355	1358	1361	rVV	407782	311136	3.26%	0.379%
41	10.145	1366	1370	1373	rBV2	609224	741991	7.78%	0.904%
42	10.180	1373	1376	1378	rVV	353289	356807	3.74%	0.435%
43	10.239	1381	1386	1388	rBV2	283914	444054	4.66%	0.541%
44	10.269	1388	1391	1392	rVV2	302781	319448	3.35%	0.389%
45	10.286	1392	1394	1397	rVB	681477	493832	5.18%	0.602%
46	10.333	1397	1402	1403	rBV3	163368	235043	2.47%	0.286%
47	10.351	1403	1405	1407	rVV	522284	404248	4.24%	0.493%
48	10.380	1407	1410	1416	rVB	1748941	1864436	19.56%	2.272%
49	10.445	1416	1421	1423	rBV2	234894	309402	3.25%	0.377%
50	10.492	1426	1429	1432	rVV2	433098	470965	4.94%	0.574%
51	10.539	1433	1437	1439	rVV2	239945	317790	3.33%	0.387%
52	10.563	1439	1441	1445	rVB	279332	277904	2.92%	0.339%
53	10.604	1445	1448	1455	rVB2	768680	852023	8.94%	1.038%
54	10.745	1469	1472	1478	rBV	449040	495477	5.20%	0.604%
55	10.927	1499	1503	1506	rBV	436926	597077	6.26%	0.728%
56	10.957	1506	1508	1512	rVV	361057	298817	3.14%	0.364%
57	11.016	1515	1518	1521	rBV	308695	306527	3.22%	0.374%
58	11.133	1535	1538	1542	rVB	242167	230405	2.42%	0.281%
59	11.192	1546	1548	1550	rVV	207714	198096	2.08%	0.241%
60	11.216	1550	1552	1558	rVB	760437	737171	7.73%	0.898%
61	11.321	1567	1570	1572	rBV	1590673	1588392	16.67%	1.936%
62	11.351	1572	1575	1578	rVV	4332315	4359911	45.74%	5.313%
63	11.398	1580	1583	1586	rVV	1573251	1322554	13.88%	1.612%
64	11.433	1586	1589	1592	rVV2	170549	190029	1.99%	0.232%
65	11.621	1618	1621	1624	rBV	339369	261012	2.74%	0.318%
66	11.657	1624	1627	1633	rVB2	317219	313512	3.29%	0.382%
67	11.739	1637	1641	1645	rVB	239159	291871	3.06%	0.356%
68	11.827	1653	1656	1658	rBV	1225591	1053660	11.05%	1.284%
69	11.857	1658	1661	1665	rVV	1523040	1308768	13.73%	1.595%
70	11.904	1665	1669	1672	rVV	577420	491157	5.15%	0.599%
71	11.939	1672	1675	1677	rVV	1512126	1562682	16.40%	1.904%
72	11.963	1677	1679	1682	rVV	818881	630036	6.61%	0.768%
73	12.033	1688	1691	1693	rVV	214735	196939	2.07%	0.240%
74	12.121	1703	1706	1710	rBV	505074	431064	4.52%	0.525%
75	12.304	1734	1737	1739	rVV	204530	184560	1.94%	0.225%
76	12.374	1743	1749	1752	rBV	651595	734730	7.71%	0.895%

LSC Area Percent Report

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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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	12.416	1752	1756	1758	rVV2	420986	558388	5.86%	0.681%
78	12.463	1762	1764	1769	rBV2	167167	260031	2.73%	0.317%
79	12.539	1773	1777	1781	rBV	1807985	1662292	17.44%	2.026%
80	12.633	1790	1793	1801	rVB	933679	1000523	10.50%	1.219%
81	12.768	1811	1816	1823	rVV	2288349	2343810	24.59%	2.856%
82	12.910	1838	1840	1850	rVB3	141395	248276	2.60%	0.303%
83	12.986	1850	1853	1860	rBV2	249847	341721	3.59%	0.416%
84	13.074	1865	1868	1870	rVV3	238146	335681	3.52%	0.409%
85	13.098	1870	1872	1875	rVB	553124	449684	4.72%	0.548%
86	13.163	1880	1883	1887	rVV	441647	407876	4.28%	0.497%
87	13.204	1887	1890	1893	rVV	341570	289661	3.04%	0.353%
88	13.268	1897	1901	1903	rBV2	193977	212311	2.23%	0.259%
89	13.292	1903	1905	1908	rVV	242757	238160	2.50%	0.290%
90	13.327	1908	1911	1915	rVB	321346	334125	3.51%	0.407%
91	13.715	1971	1977	1980	rBV4	191654	333695	3.50%	0.407%
92	13.968	2015	2020	2023	rBV2	1469561	2084383	21.87%	2.540%
93	13.998	2023	2025	2031	rVB	701167	592055	6.21%	0.722%
94	14.362	2083	2087	2090	rVV	222811	264587	2.78%	0.322%
95	15.015	2193	2198	2201	rBV	235501	402149	4.22%	0.490%
96	15.121	2211	2216	2227	rVB2	106727	197557	2.07%	0.241%
97	15.315	2245	2249	2255	rVB	180788	214523	2.25%	0.261%
98	15.380	2255	2260	2265	rBV	332014	427903	4.49%	0.521%
99	15.445	2265	2271	2275	rBV	809083	1035484	10.86%	1.262%
100	16.927	2517	2523	2531	rBV3	77162	171744	1.80%	0.209%

Sum of corrected areas: 82055028

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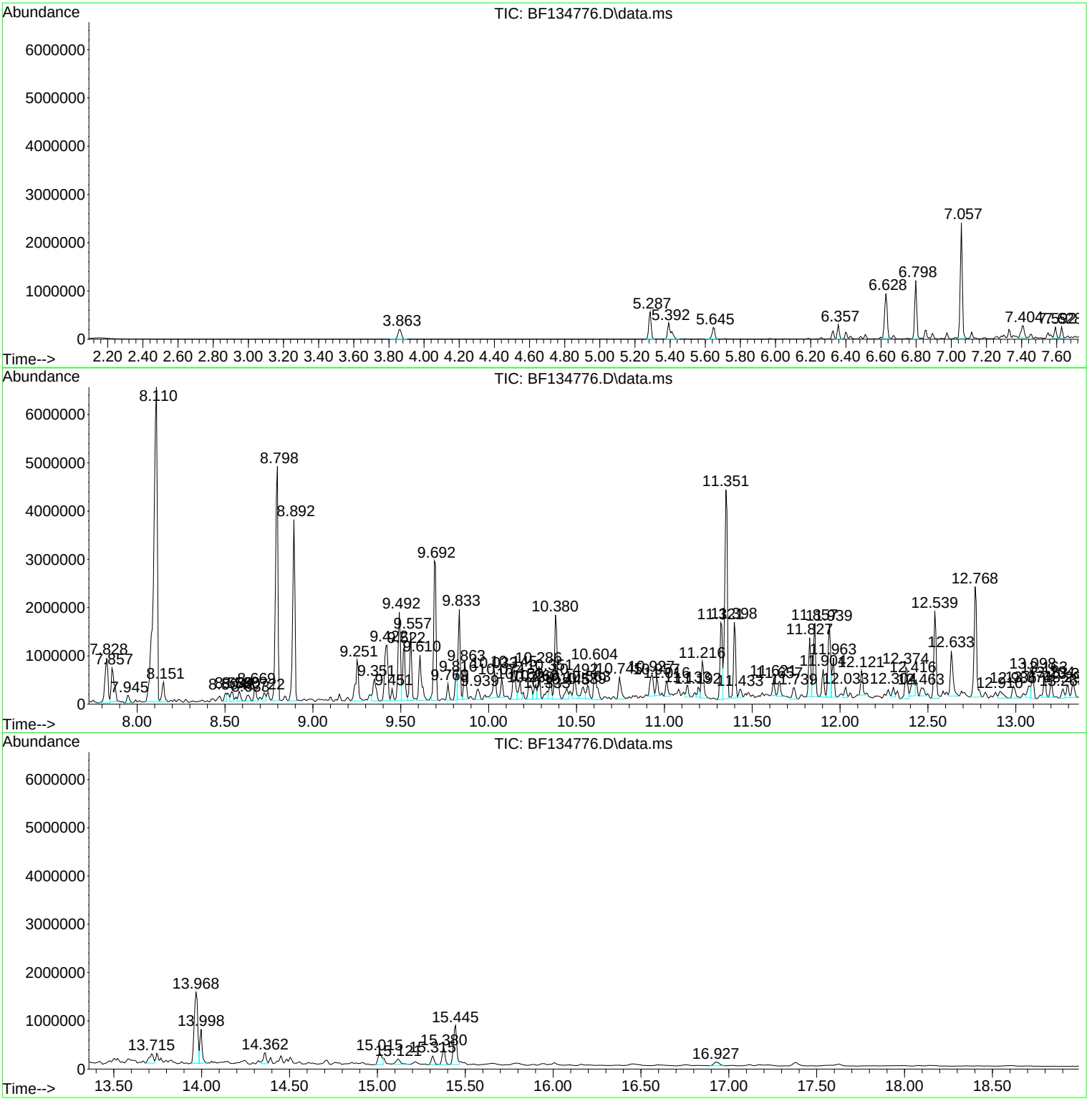
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
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Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

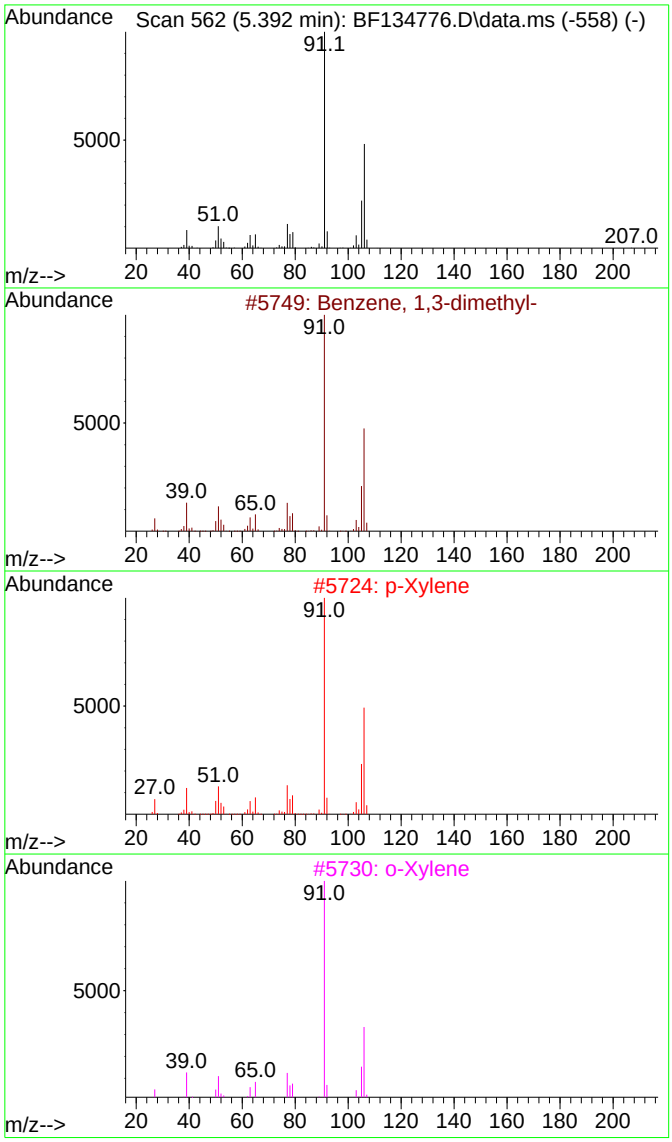
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

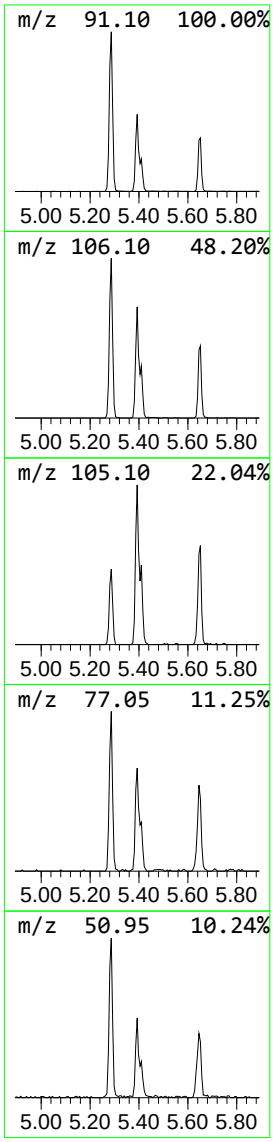
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.392	9.62 ng	457608	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Ethylbenzene	106	C8H10	000100-41-4	83
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
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Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

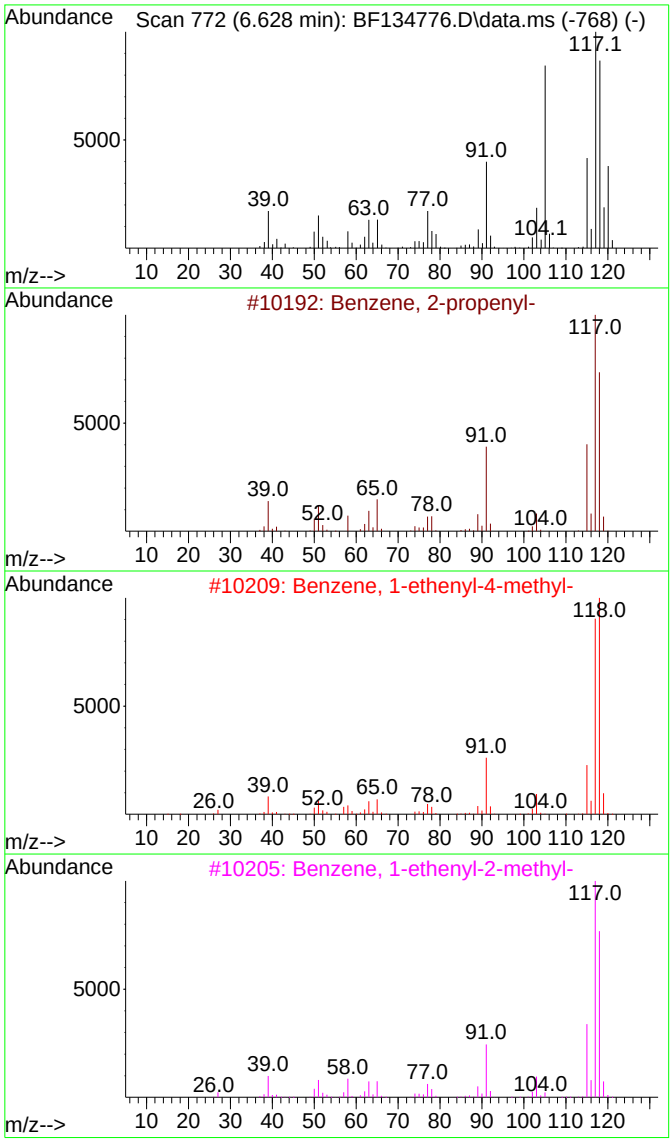
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

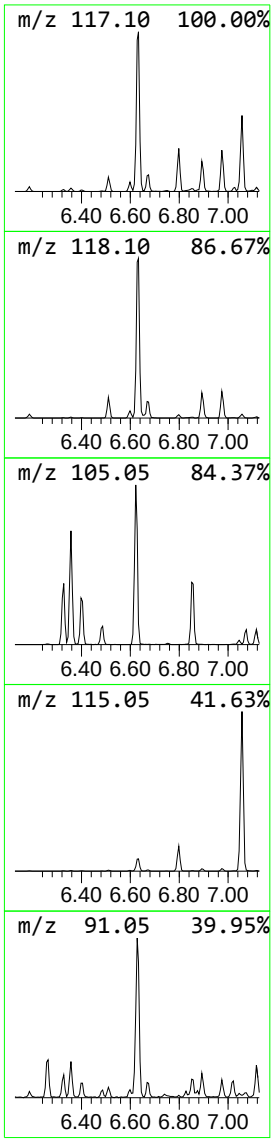
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	20.58 ng	978682	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
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Acq On : 15 Aug 2023 09:47
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ALS Vial : 4 Sample Multiplier: 1

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

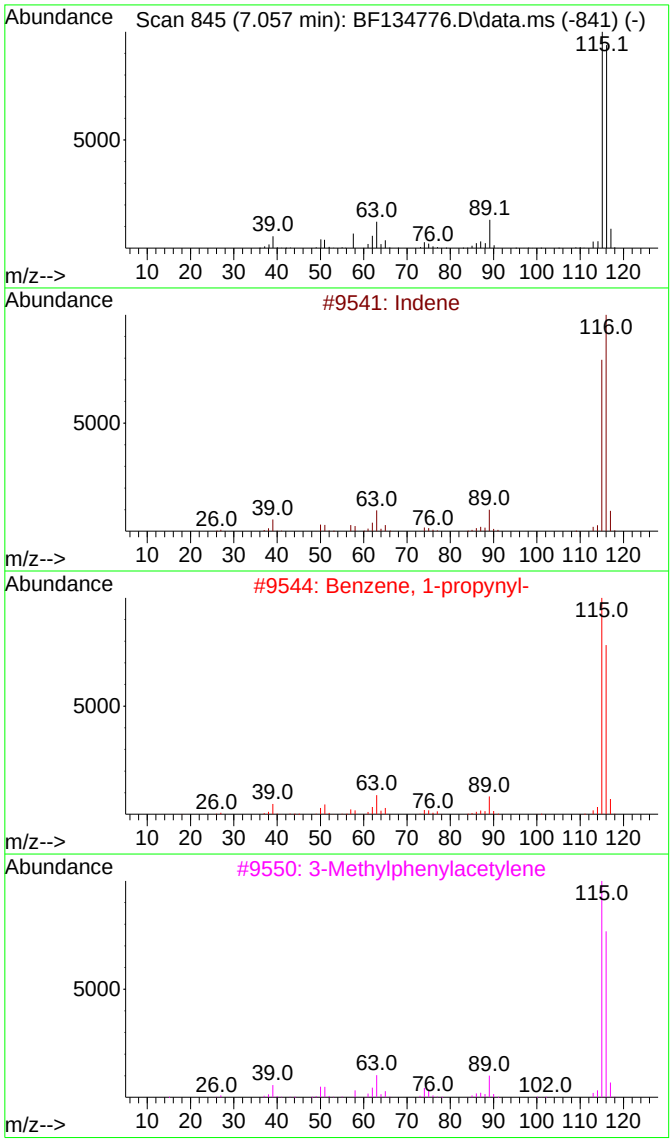
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

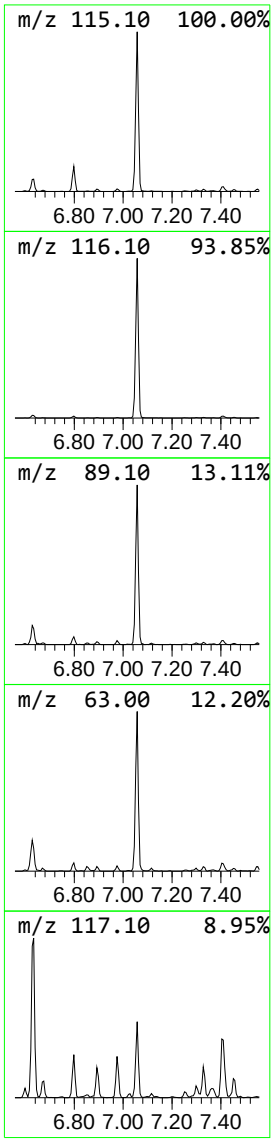
****

Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	41.01 ng	1950430	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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

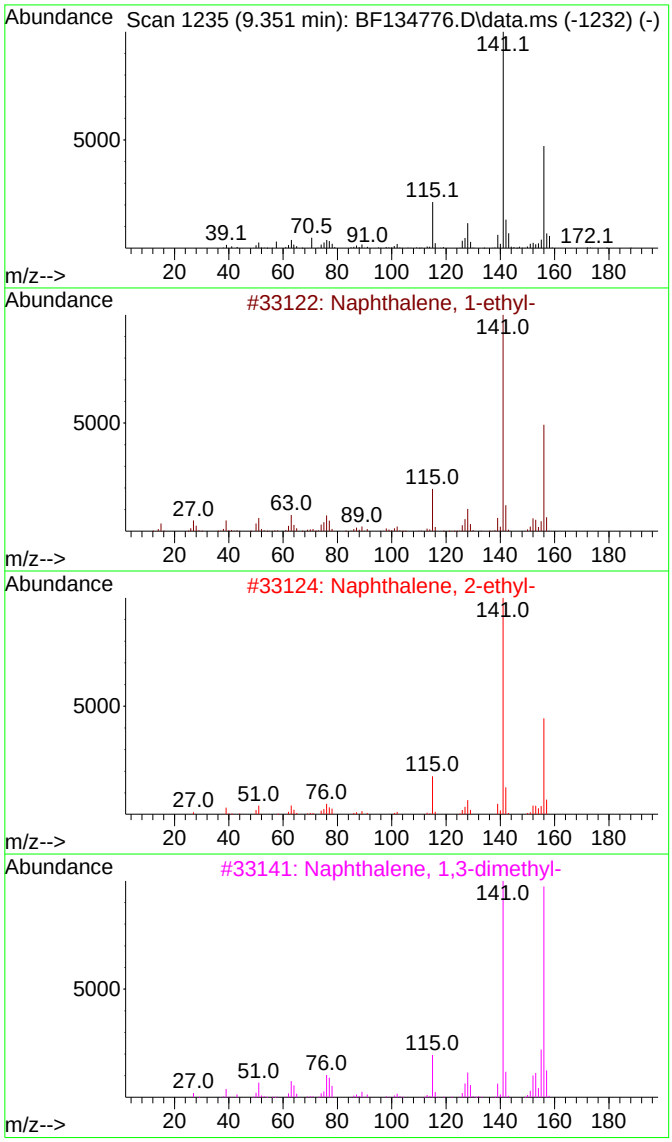
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

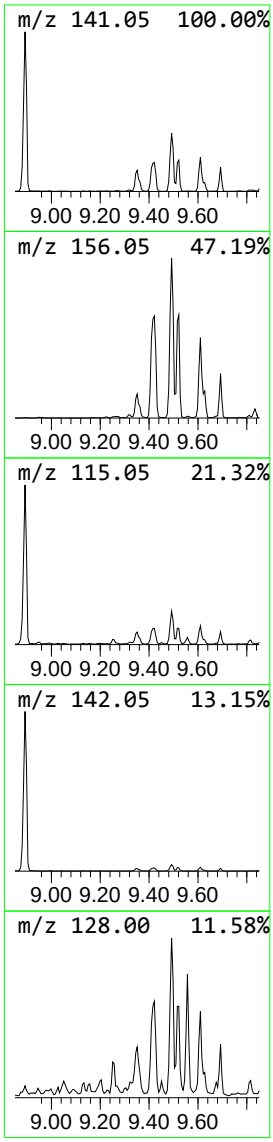
****

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	7.93 ng	567220	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

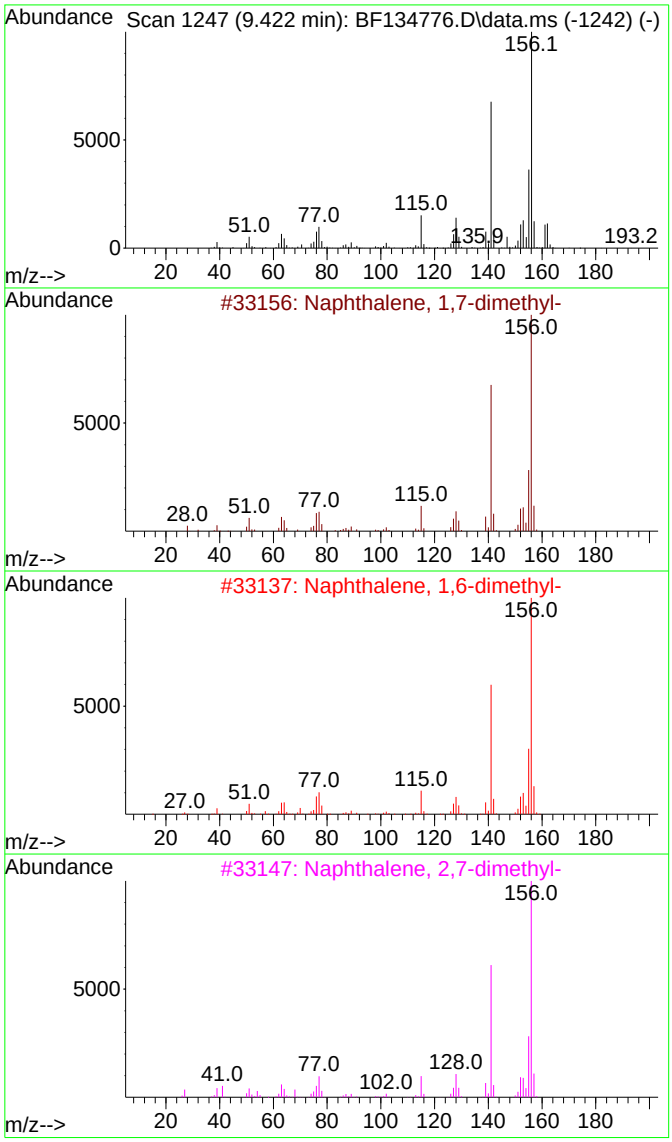
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

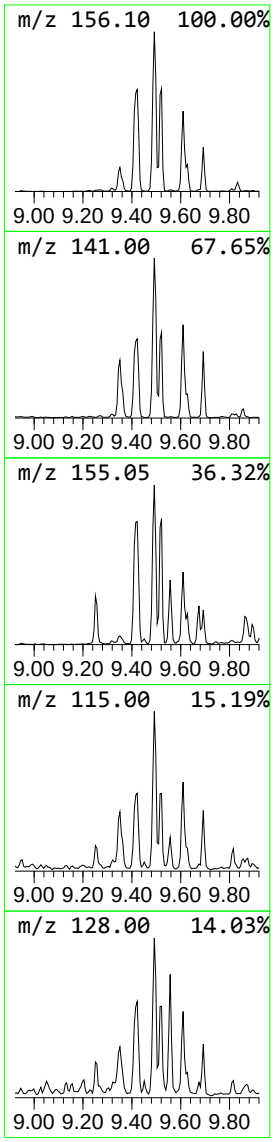
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	21.64 ng	1546990	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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

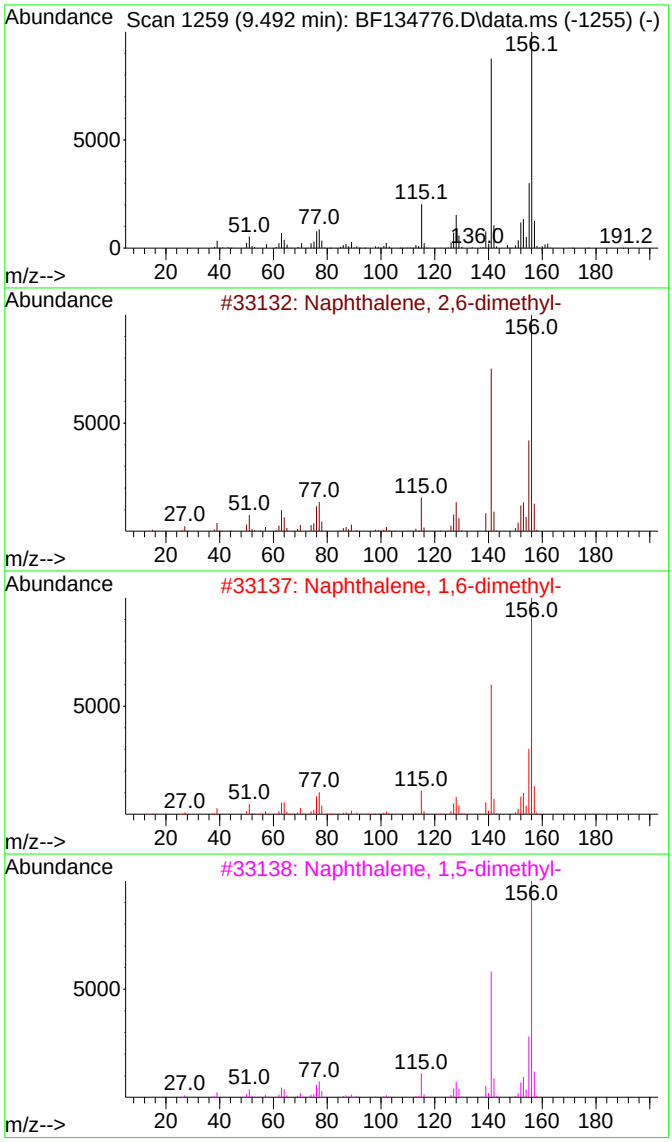
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

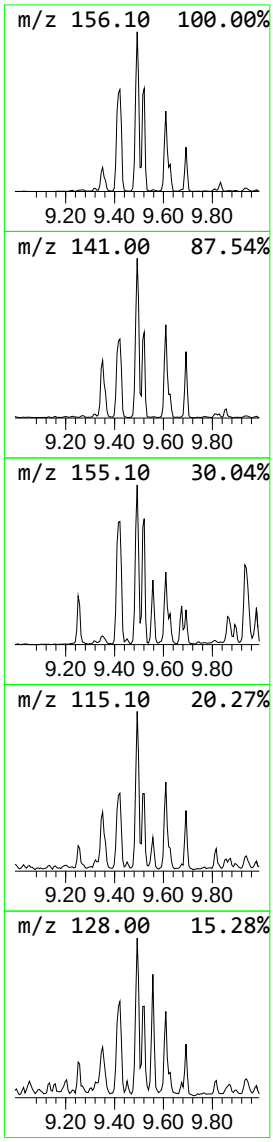
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	25.06 ng	1792080	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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

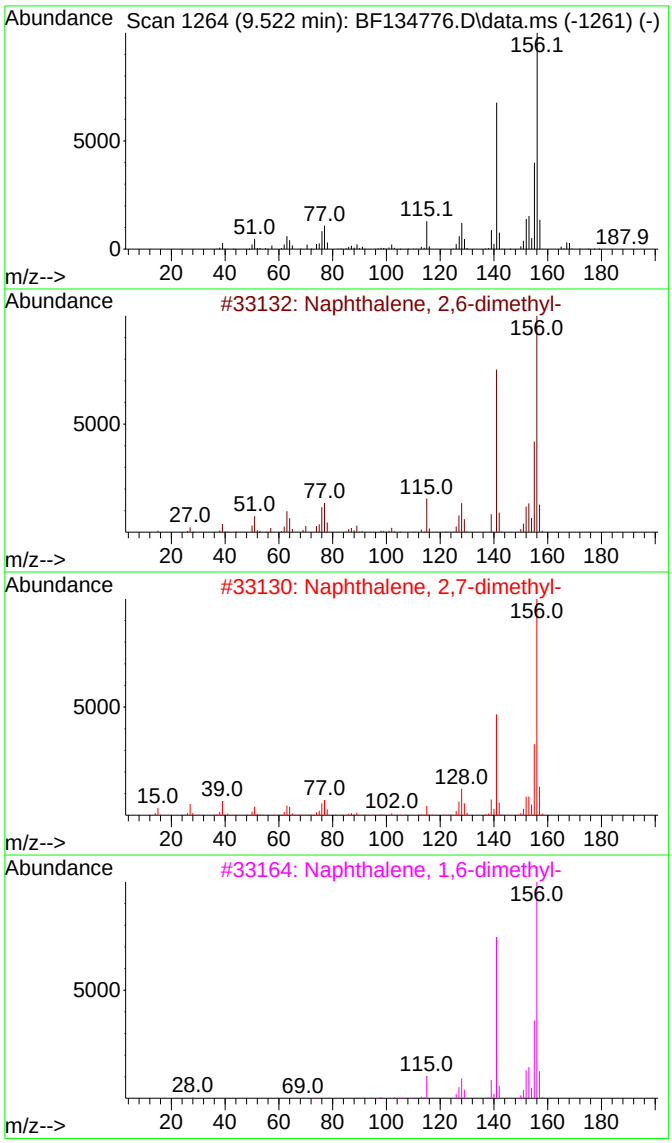
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

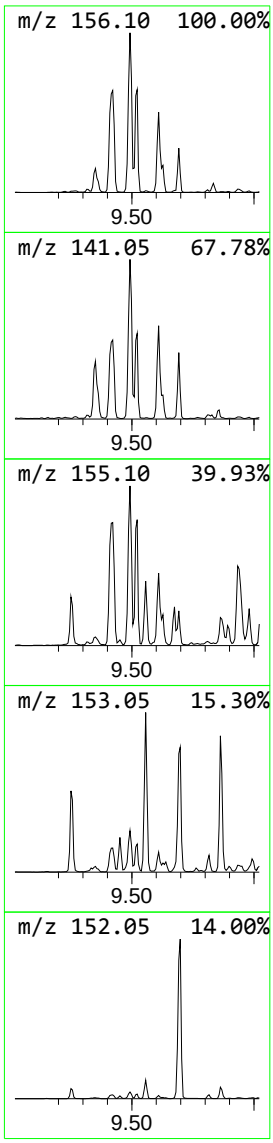
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	14.93 ng	1067530	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

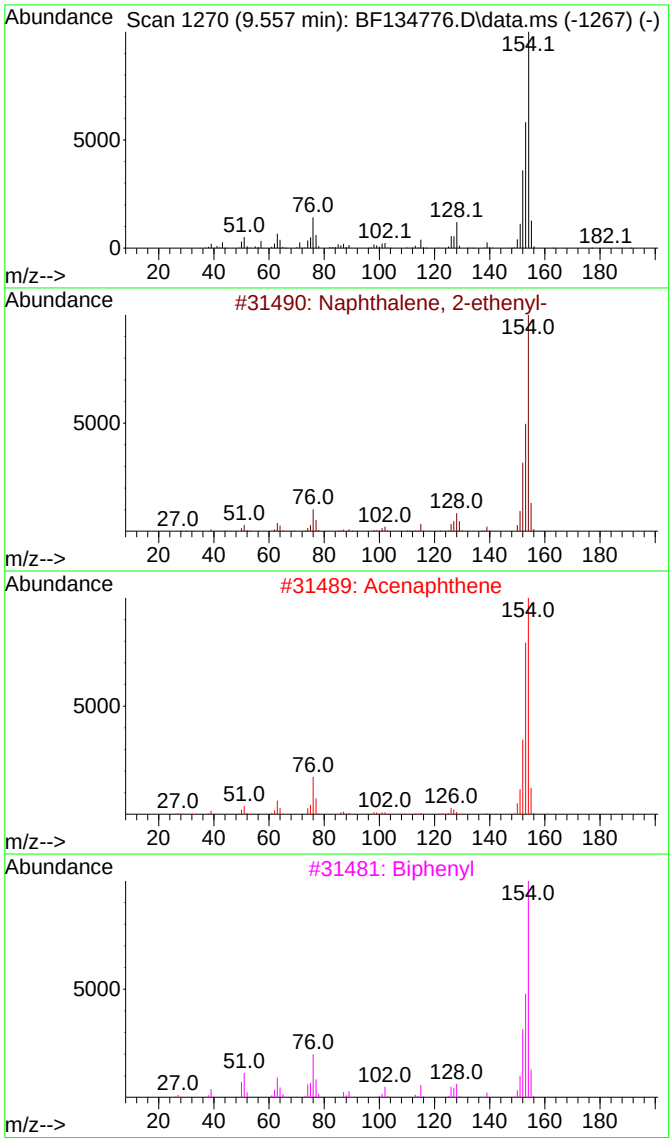
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

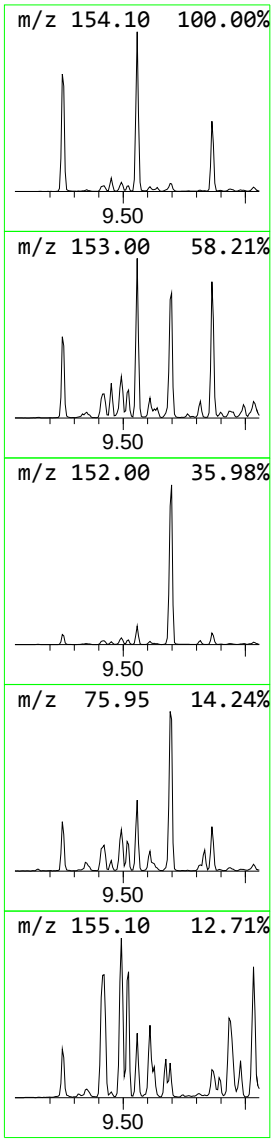
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	15.64 ng	1117890	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	90
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	62
5	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53





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Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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

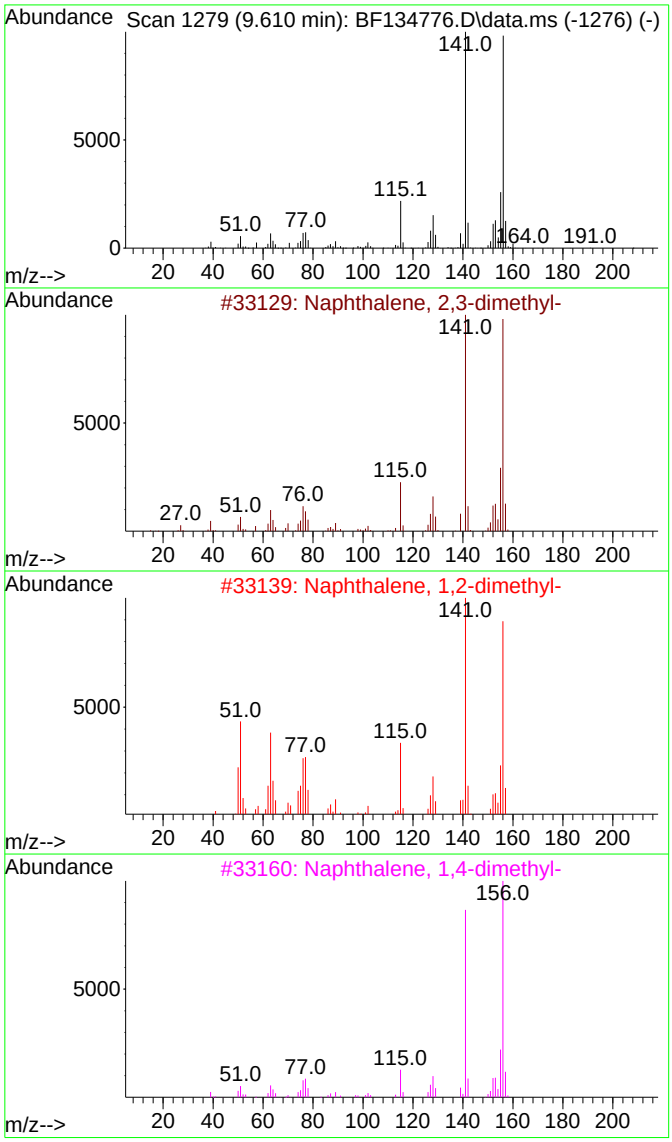
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

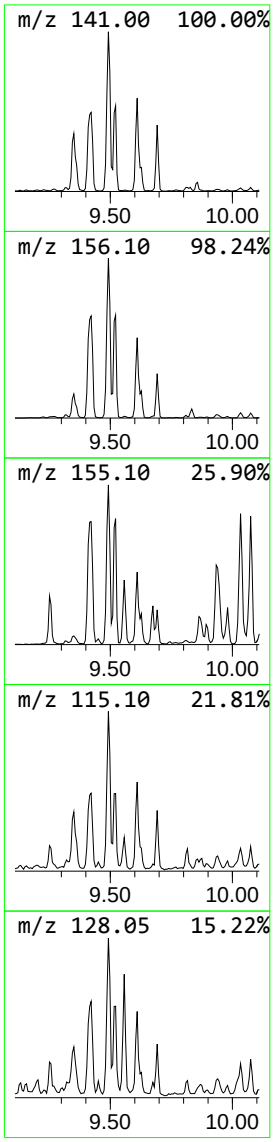
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	14.36 ng	1026390	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

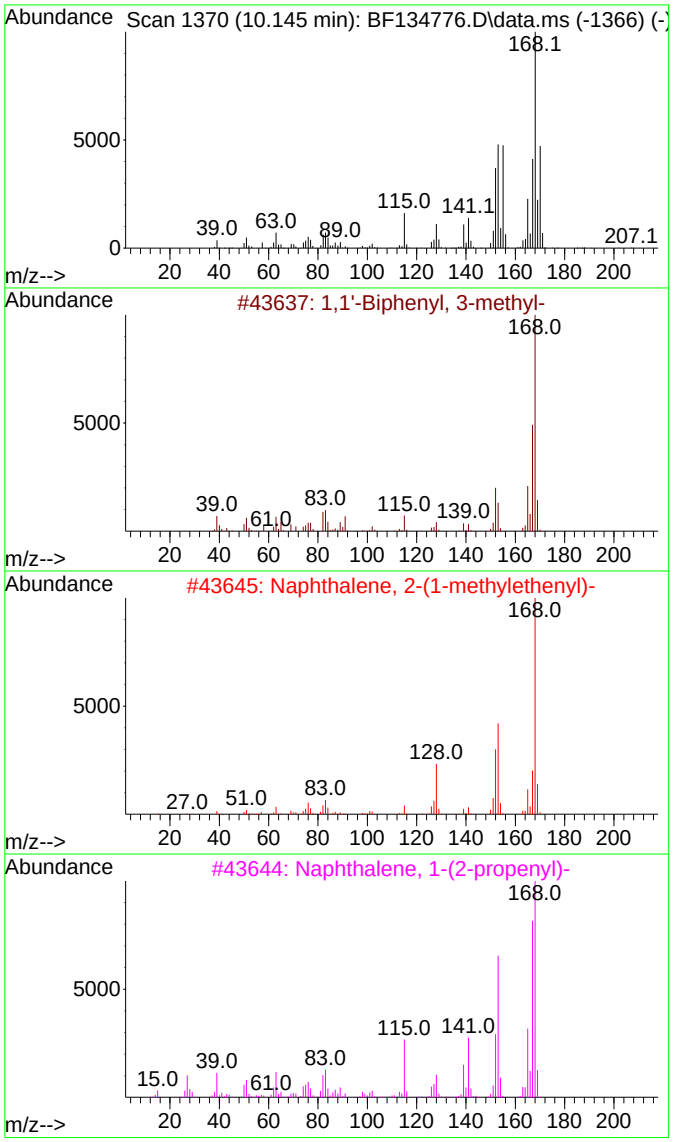
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

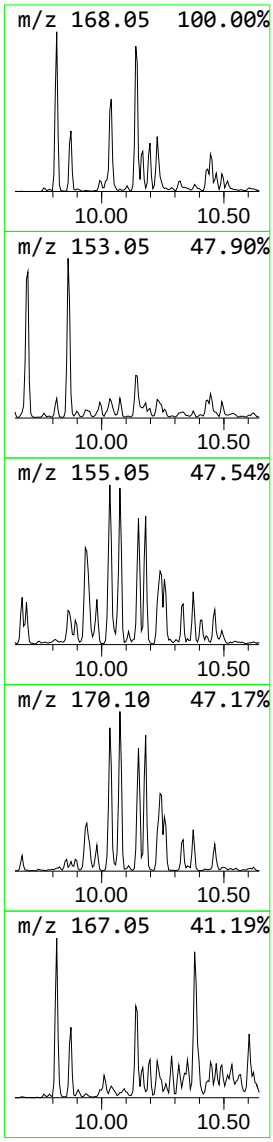
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1,1'-Biphenyl, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	10.38 ng	741991	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	30





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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

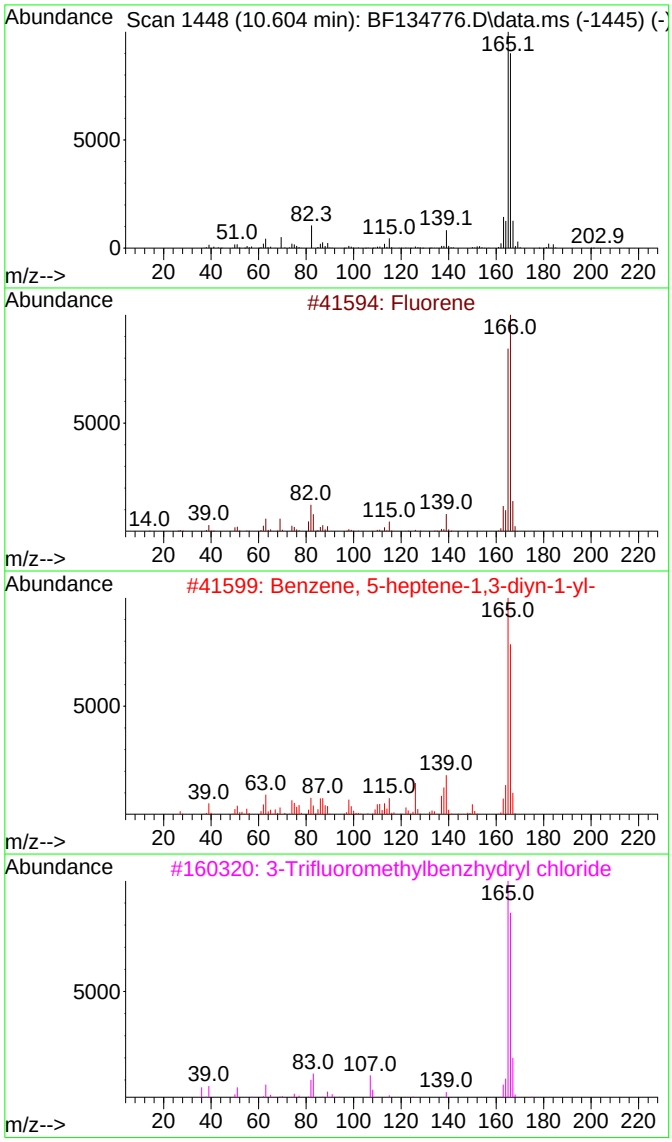
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

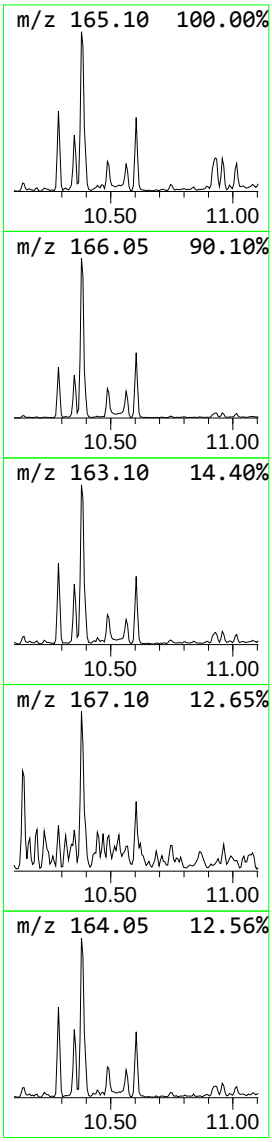
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 5-heptene-1,3-diyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	10.73 ng	852023	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	97
2	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	78
3	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
4	Sebacic acid, isobutyl 4-methoxy...	423	C22H33NO7	1000380-64-9	39
5	Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	38





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Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

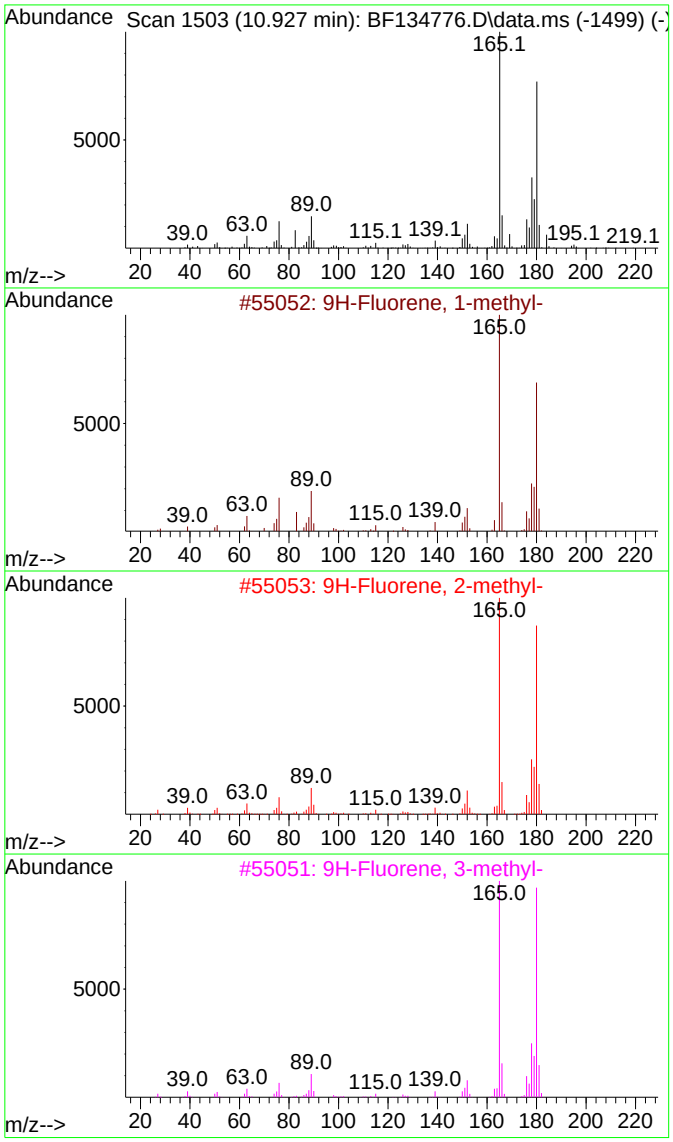
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

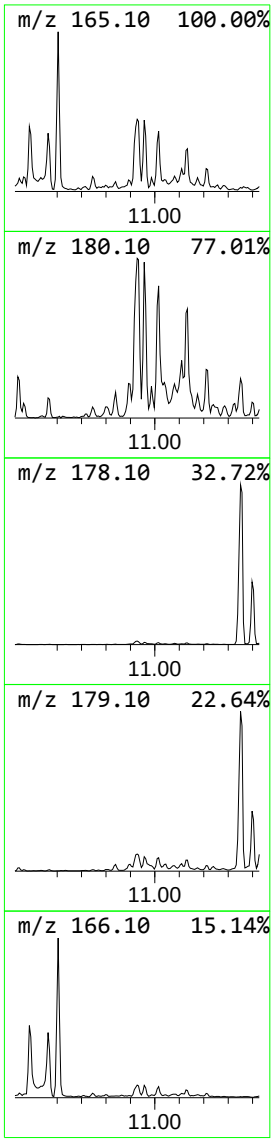
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	7.52 ng	597077	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	68





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Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z64-65

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

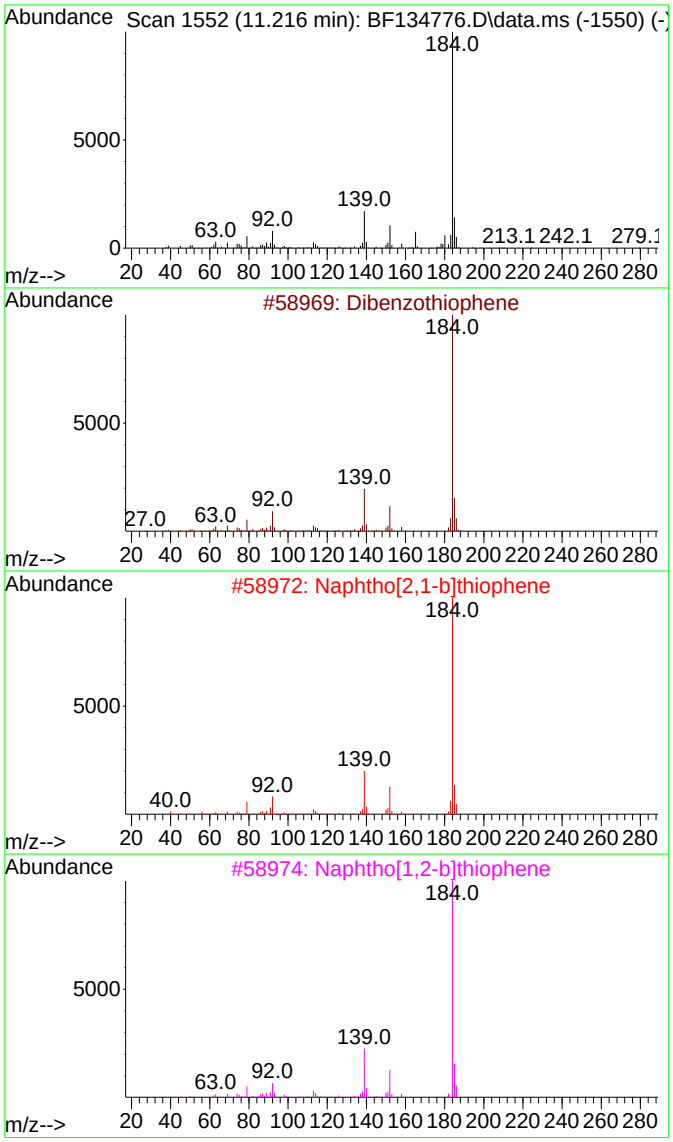
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

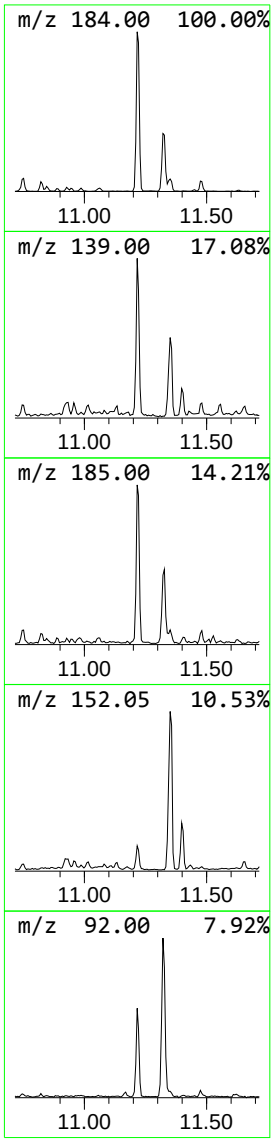
****

Peak Number 14 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	9.28 ng	737171	Phenanthrene-d10	11.322

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[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z64-65

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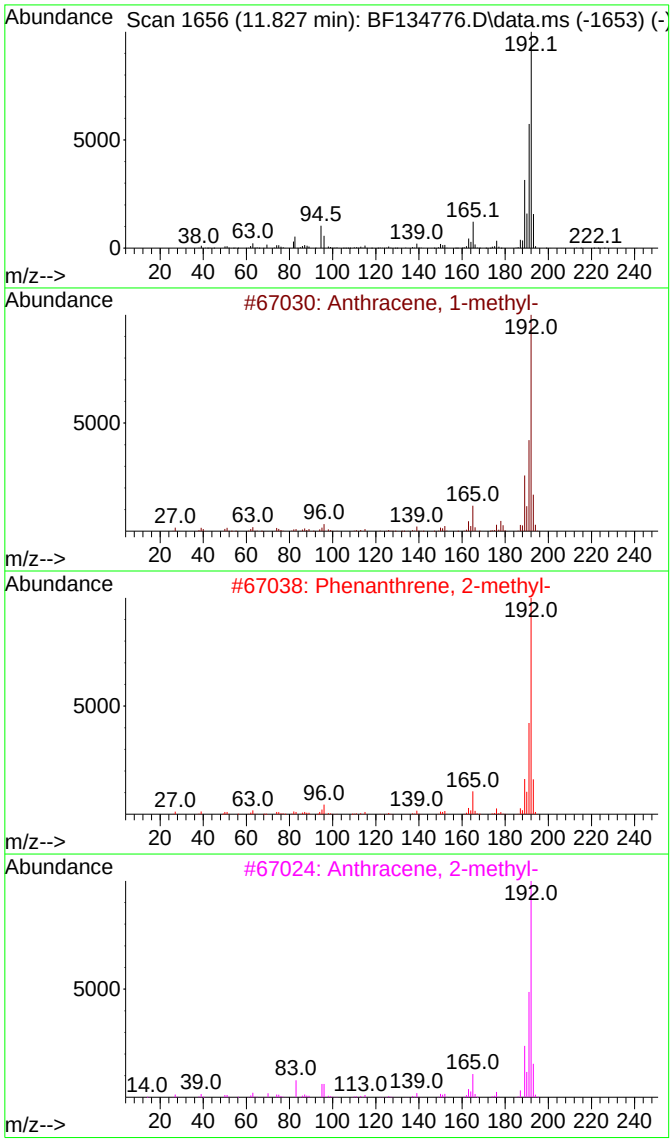
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

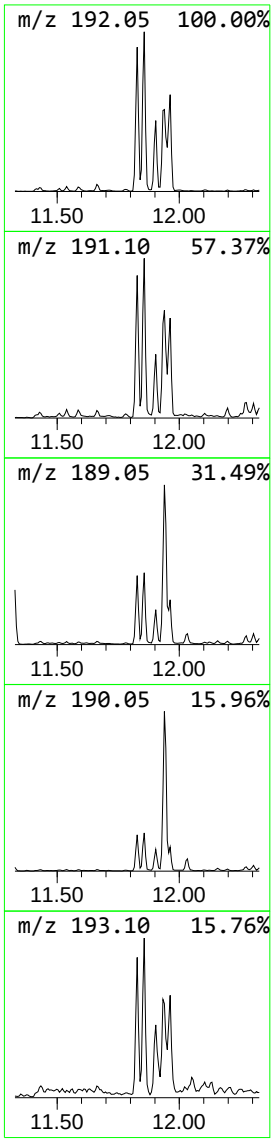
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	13.27 ng	1053660	Phenanthrene-d10	11.322

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





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Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z64-65

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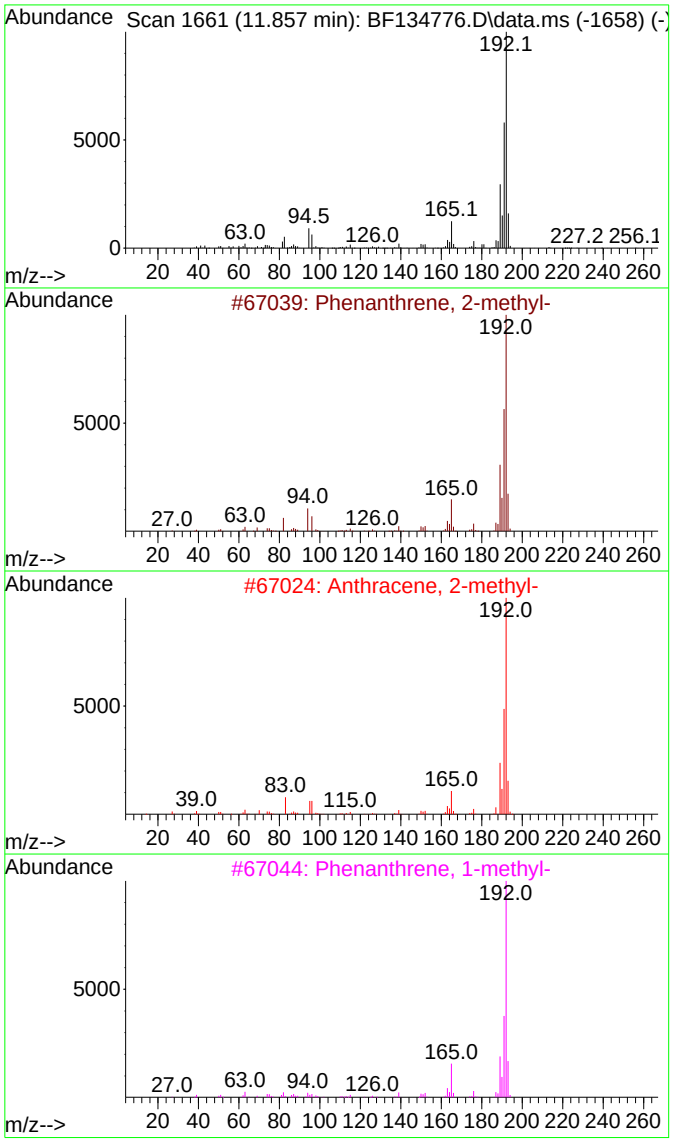
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

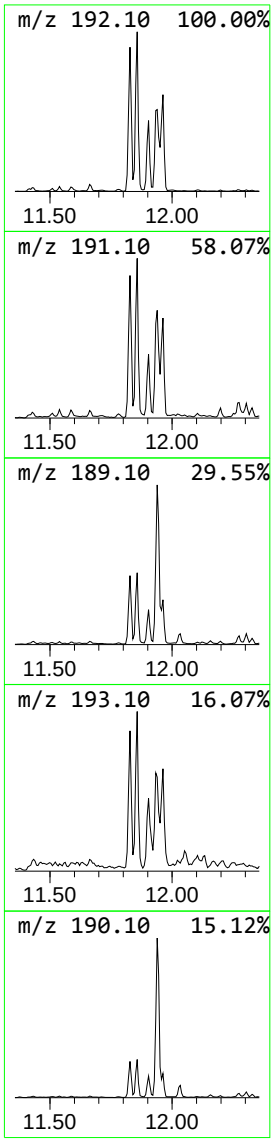
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	16.48 ng	1308770	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

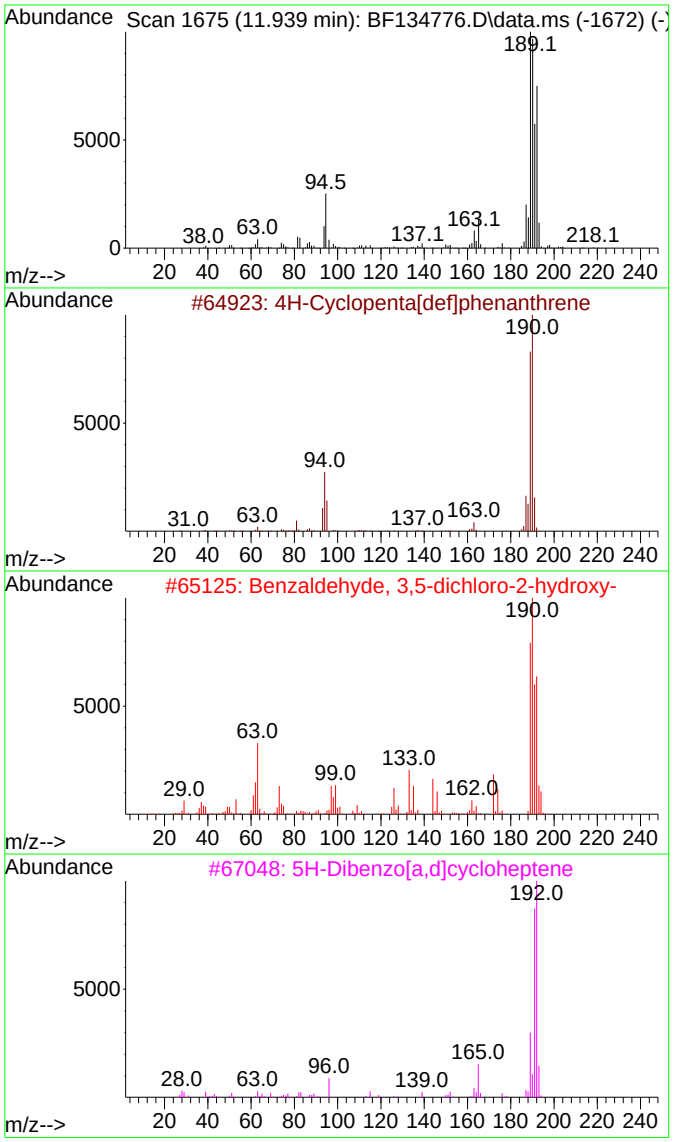
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

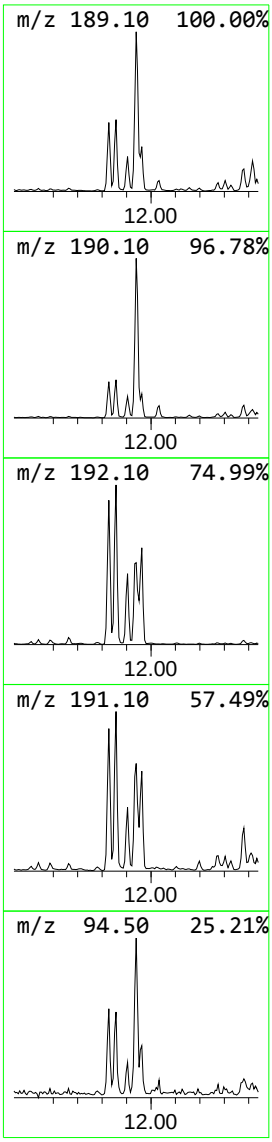
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	19.68 ng	1562680	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

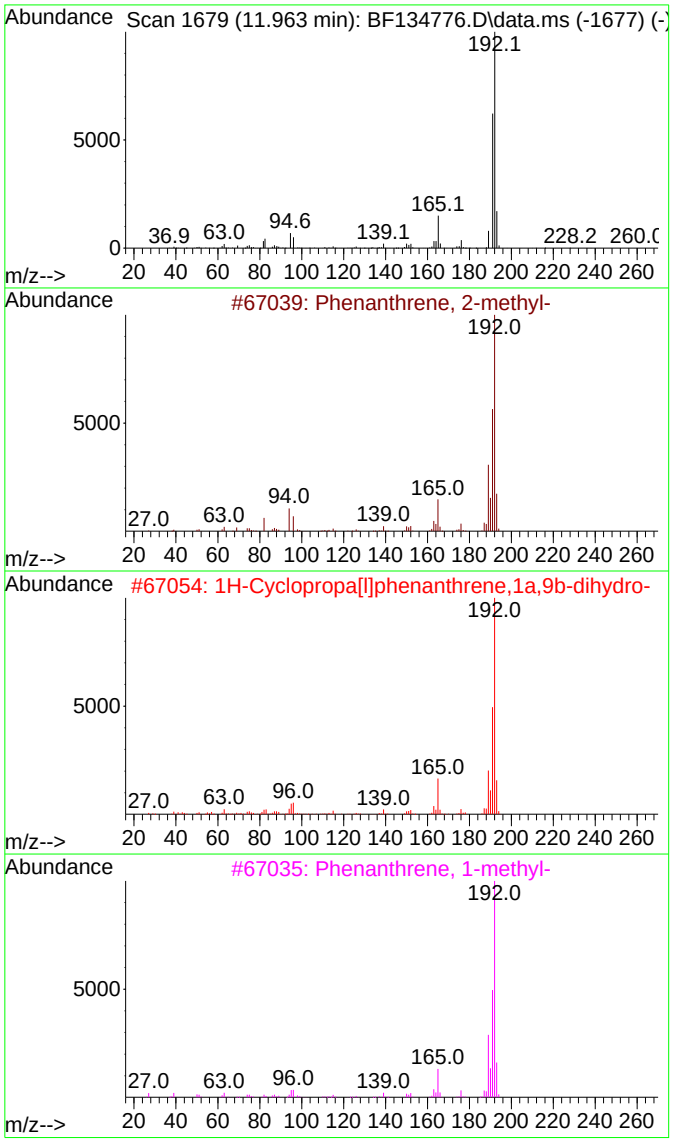
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

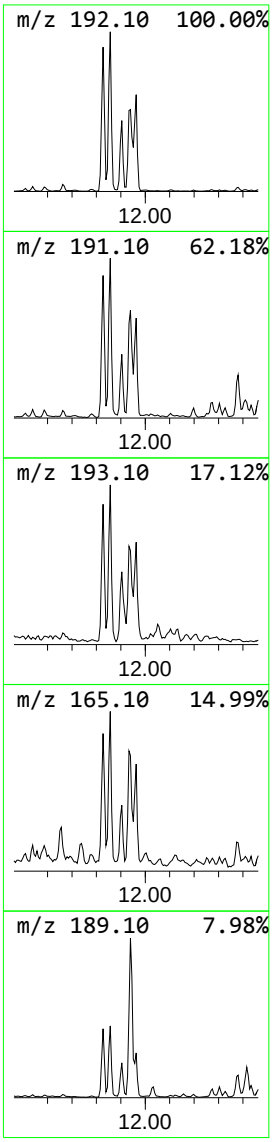
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	7.93 ng	630036	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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

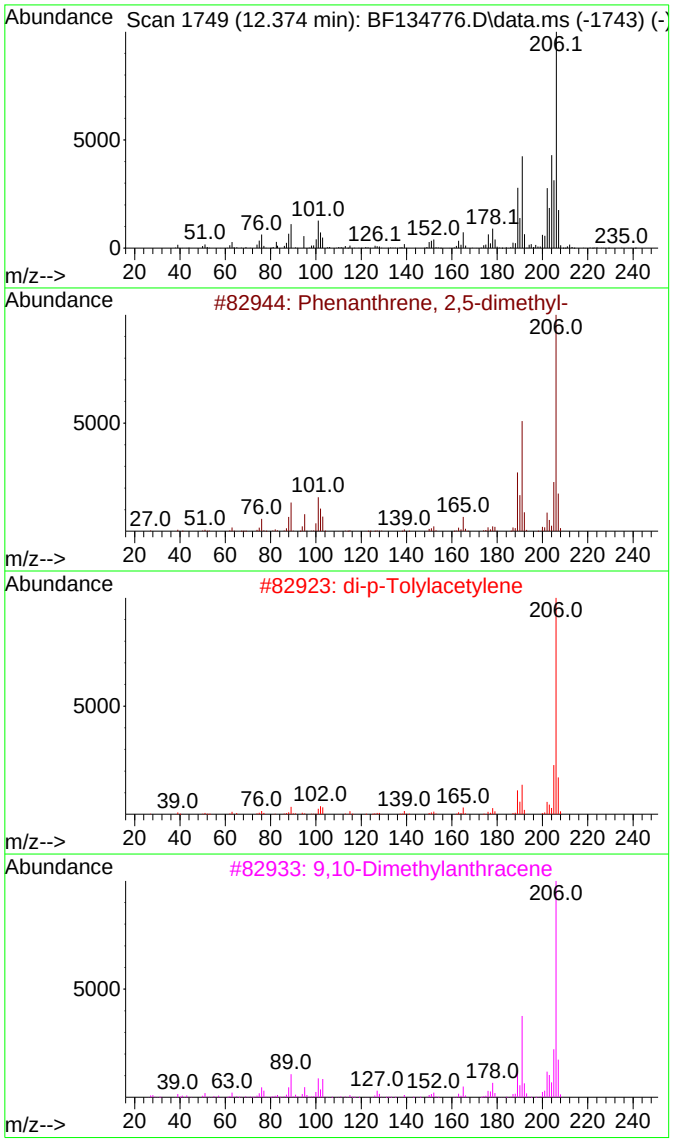
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

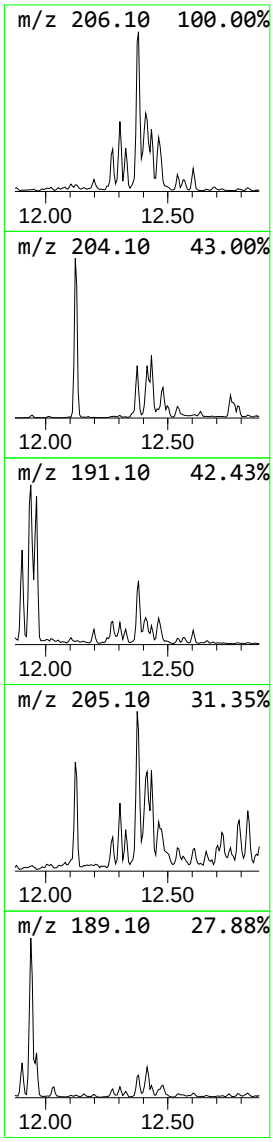
****

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	9.25 ng	734730	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

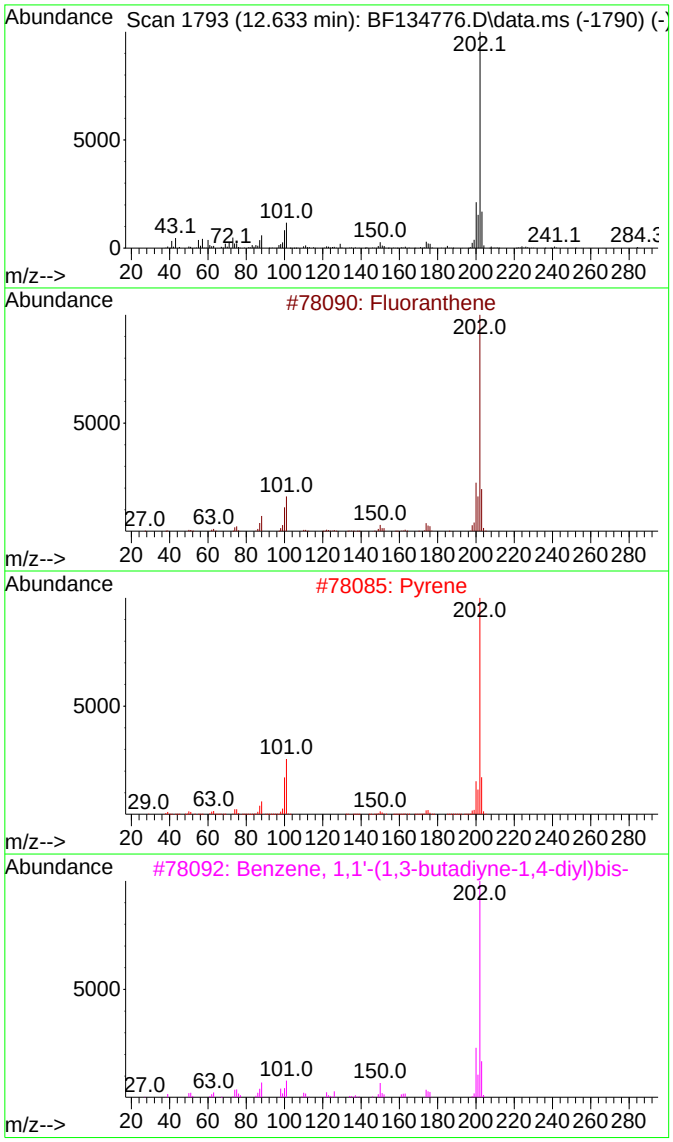
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

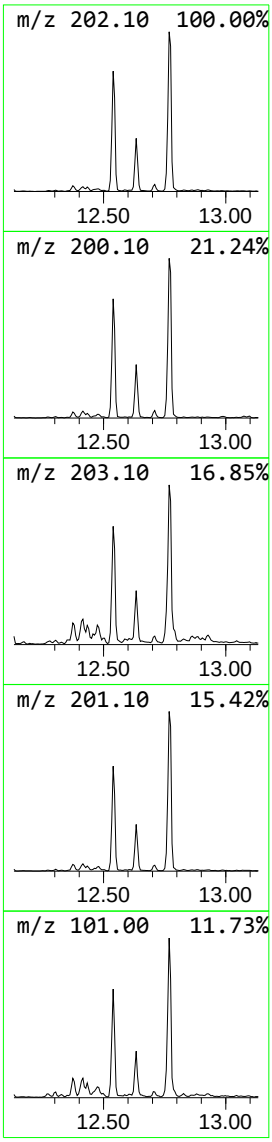
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	12.60 ng	1000520	Phenanthrene-d10	11.322

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	72
4	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50
5	l-Leucyl-l-leucine, N,N'-dimethy...	430	C22H42N2O6	1000328-59-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134776.D
Acq On : 15 Aug 2023 09:47
Operator : CG\JU
Sample : 03958-03 50X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z64-65

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, 1,3-di...	5.392	9.6	ng	457608	1	6.798	951126	20.0
Benzene, 2-prop...	6.628	20.6	ng	978682	1	6.798	951126	20.0
Indene	7.057	41.0	ng	1950430	1	6.798	951126	20.0
Naphthalene, 1-...	9.351	7.9	ng	567220	3	9.833	1429990	20.0
Naphthalene, 1,...	9.422	21.6	ng	1546990	3	9.833	1429990	20.0
Naphthalene, 2,...	9.492	25.1	ng	1792080	3	9.833	1429990	20.0
Naphthalene, 2,...	9.522	14.9	ng	1067530	3	9.833	1429990	20.0
Naphthalene, 2-...	9.557	15.6	ng	1117890	3	9.833	1429990	20.0
Naphthalene, 2,...	9.610	14.4	ng	1026390	3	9.833	1429990	20.0
1,1'-Biphenyl, ...	10.145	10.4	ng	741991	3	9.833	1429990	20.0
Benzene, 5-hept...	10.604	10.7	ng	852023	4	11.322	1588390	20.0
9H-Fluorene, 1-...	10.927	7.5	ng	597077	4	11.322	1588390	20.0
Dibenzothiophene	11.216	9.3	ng	737171	4	11.322	1588390	20.0
Anthracene, 1-m...	11.827	13.3	ng	1053660	4	11.322	1588390	20.0
Phenanthrene, 2...	11.857	16.5	ng	1308770	4	11.322	1588390	20.0
4H-Cyclopenta[d...	11.939	19.7	ng	1562680	4	11.322	1588390	20.0
1H-Cyclopropa[l...	11.963	7.9	ng	630036	4	11.322	1588390	20.0
Phenanthrene, 2...	12.374	9.3	ng	734730	4	11.322	1588390	20.0
Benzene, 1,1'-(...	12.633	12.6	ng	1000520	4	11.322	1588390	20.0