LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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: BF134743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	541	545	549	rBV	1671643	1667394	6.12%	0.525%
2	5.434	565	569	572	rVB	3302985	3249124	11.92%	1.022%
3	6.357	724	726	730	rVB	989519	872224	3.20%	0.274%
4	6.440	736	740	743	rVV	2942589	3079179	11.30%	0.969%
5	6.628	769	772	779	rVB	2033840	1957585	7.18%	0.616%
6	6.798	798	801	804	rBV	1295904	1171612	4.30%	0.369%
7	6.987	828	833	836	rVB	6589872	7651259	28.07%	2.408%
8	7.051	841	844	847	rVV2	1058982	1027887	3.77%	0.323%
9	7.122	851	856	858	rBV	1864699	1706228	6.26%	0.537%
10	7.334	887	892	894	rBV	1896267	1792092	6.57%	0.564%
11	7.363	894	897	901	rVB2	2879668	3038163	11.15%	0.956%
12	7.593	934	936	940	rVB	1084725	992558	3.64%	0.312%
13	7.757	958	964	969	rVB	3014305	3312686	12.15%	1.042%
14	7.828	969	976	979	rBV3	2187207	3777655	13.86%	1.189%
15	7.869	979	983	988	rVV	3228605	4912942	18.02%	1.546%
16	8.145	1018	1030	1032	rVB	8427465	27259093	100.00%	8.577%
17	8.169	1032	1034	1037	rVB	3308292	2422076	8.89%	0.762%
18	8.357	1062	1066	1068	rVV2	882124	858935	3.15%	0.270%
19	8.440	1076	1080	1082	rVV	910002	1336220	4.90%	0.420%
20	8.522	1089	1094	1096	rVV2	1149593	1492765	5.48%	0.470%
21	8.545	1096	1098	1100	rVV2	1177867	1233648	4.53%	0.388%
22	8.587	1100	1105	1110	rVV	1508058	2070416	7.60%	0.651%
23	8.751	1125	1133	1136	rVV2	1132749	2111539	7.75%	0.664%
24	8.822	1136	1145	1148	rVB	7285908	17072176	62.63%	5.372%
25	8.922	1153	1162	1164	rBV	6952705	12818237	47.02%	4.033%
26	9.051	1178	1184	1187	rBV3	471006	889708	3.26%	0.280%
27	9.157	1198	1202	1207	rVB	3698390	3462642	12.70%	1.090%
28	9.263	1216	1220	1223	rVB	4377169	3727397	13.67%	1.173%
29	9.363	1233	1237	1242	rVB	6142961	7997507	29.34%	2.517%
30	9.434	1242	1249	1252	rBV	4977565	7783027	28.55%	2.449%
31	9.510	1256	1262	1264	rBV	5632165	8289195	30.41%	2.608%
32	9.534	1264	1266	1269	rVV	5057690	4340500	15.92%	1.366%
33	9.622	1277	1281	1286	rVB	4018421	4736085	17.37%	1.490%
34	9.698	1288	1294	1298	rVB2	3580305	3900664	14.31%	1.227%
35	9.834	1311	1317	1321	rBV2	2995464	3794937	13.92%	1.194%
36	9.886	1321	1326	1329	rVV	6497478	10257617	37.63%	3.228%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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	9.945	1332	1336	1340	rBV	2623961	3486140	12.79%	1.097%
38	10.039	1349	1352	1356	rVB	2581868	2856360	10.48%	0.899%
39	10.081	1356	1359	1362	rBV	1836094	1569644	5.76%	0.494%
40	10.157	1367	1372	1374	rBV2	1753664	1917547	7.03%	0.603%
41	10.186	1374	1377	1379	rVV	1548900	1225640	4.50%	0.386%
42	10.245	1383	1387	1389	rBV2	1361060	1778099	6.52%	0.560%
43	10.292	1393	1395	1398	rVB	1099648	937276	3.44%	0.295%
44	10.345	1398	1404	1405	rBV4	789189	1501786	5.51%	0.473%
45	10.398	1408	1413	1417	rVB	5125870	6180928	22.67%	1.945%
46	10.439	1417	1420	1422	rBV	1982859	2150654	7.89%	0.677%
47	10.475	1424	1426	1428	rVV2	2063195	2029432	7.44%	0.639%
48	10.498	1428	1430	1433	rVV2	1999741	2201173	8.08%	0.693%
49	10.528	1433	1435	1436	rVV	1709503	1406751	5.16%	0.443%
50	10.545	1436	1438	1441	rVV2	961459	956048	3.51%	0.301%
51	10.610	1446	1449	1450	rBV	1576243	1264899	4.64%	0.398%
52	10.628	1450	1452	1456	rVB	2532688	2129043	7.81%	0.670%
53	10.751	1471	1473	1481	rVB2	957055	1213295	4.45%	0.382%
54	10.939	1500	1505	1507	rBV2	1749989	2354498	8.64%	0.741%
55	10.963	1507	1509	1513	rVV	1297936	1241882	4.56%	0.391%
56	11.022	1516	1519	1522	rBV2	1159253	1032195	3.79%	0.325%
57	11.139	1536	1539	1543	rVB2	950294	946537	3.47%	0.298%
58	11.228	1550	1554	1561	rVB	2832711	3087911	11.33%	0.972%
59	11.375	1568	1579	1581	rBV	7114657	13172912	48.32%	4.145%
60	11.416	1581	1586	1588	rVV	5055165	4783814	17.55%	1.505%
61	11.663	1624	1628	1633	rVB2	1249069	1305025	4.79%	0.411%
62	11.745	1639	1642	1645	rVB	944408	1031930	3.79%	0.325%
63	11.839	1654	1658	1660	rVV	3476459	3769908	13.83%	1.186%
64	11.869	1660	1663	1666	rVV	4095485	3728949	13.68%	1.173%
65	11.916	1667	1671	1673	rBV	1788960	1787715	6.56%	0.563%
66	11.951	1673	1677	1679	rVV	4533797	5244443	19.24%	1.650%
67	11.975	1679	1681	1684	rVB	2888395	2125147	7.80%	0.669%
68	12.128	1704	1707	1711	rBV	1815177	1625717	5.96%	0.512%
69	12.280	1730	1733	1735	rVV	751065	806982	2.96%	0.254%
70	12.310	1735	1738	1740	rVV	852379	819022	3.00%	0.258%
71	12.386	1745	1751	1754	rBV	2298091	2825138	10.36%	0.889%
72	12.422	1754	1757	1759	rVV2	1499384	1895417	6.95%	0.596%
73	12.480	1763	1767	1770	rVV2	747755	1304412	4.79%	0.410%
74	12.557	1775	1780	1783	rBV	5460662	6145728	22.55%	1.934%
75	12.645	1792	1795	1798	rVB	2300317	1976277	7.25%	0.622%
76	12.716	1805	1807	1813	rVB2	655745	807941	2.96%	0.254%

LSC Area Percent Report

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Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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	12.792	1813	1820	1824	rBV	6182956	9068991	33.27%	2.854%
78	12.922	1839	1842	1849	rVB	2913685	3047075	11.18%	0.959%
79	12.998	1851	1855	1861	rVB	1062872	1512393	5.55%	0.476%
80	13.086	1866	1870	1871	rVV2	920991	1091762	4.01%	0.344%
81	13.110	1871	1874	1877	rVB	2364366	2264416	8.31%	0.713%
82	13.174	1882	1885	1888	rVB	2004340	1685417	6.18%	0.530%
83	13.210	1888	1891	1894	rBV	1565263	1355650	4.97%	0.427%
84	13.280	1899	1903	1905	rVV	1381960	1662531	6.10%	0.523%
85	13.304	1905	1907	1910	rVV	1538356	1583229	5.81%	0.498%
86	13.333	1910	1912	1921	rVB	1749868	1970930	7.23%	0.620%
87	13.592	1952	1956	1961	rBV3	450122	948309	3.48%	0.298%
88	13.727	1972	1979	1981	rVV3	885648	1309558	4.80%	0.412%
89	13.757	1981	1984	1986	rVV	1048917	1087508	3.99%	0.342%
90	13.974	2016	2021	2024	rBV2	3962277	5606497	20.57%	1.764%
91	14.010	2024	2027	2032	rVB	3444240	3445451	12.64%	1.084%
92	14.369	2083	2088	2091	rVV	1484136	1797832	6.60%	0.566%
93	14.463	2097	2104	2106	rVV3	741130	1213383	4.45%	0.382%
94	14.510	2110	2112	2117	rVV2	851228	1033236	3.79%	0.325%
95	15.027	2194	2200	2206	rBV	1383979	2993632	10.98%	0.942%
96	15.327	2246	2251	2257	rVB	1092298	1356134	4.97%	0.427%
97	15.392	2257	2262	2266	rVV	2039745	2460950	9.03%	0.774%
98	15.451	2268	2272	2275	rVV	643830	803803	2.95%	0.253%
99	16.939	2519	2525	2533	rVB2	471531	969348	3.56%	0.305%
100	17.398	2596	2603	2611	rVB	424843	842627	3.09%	0.265%

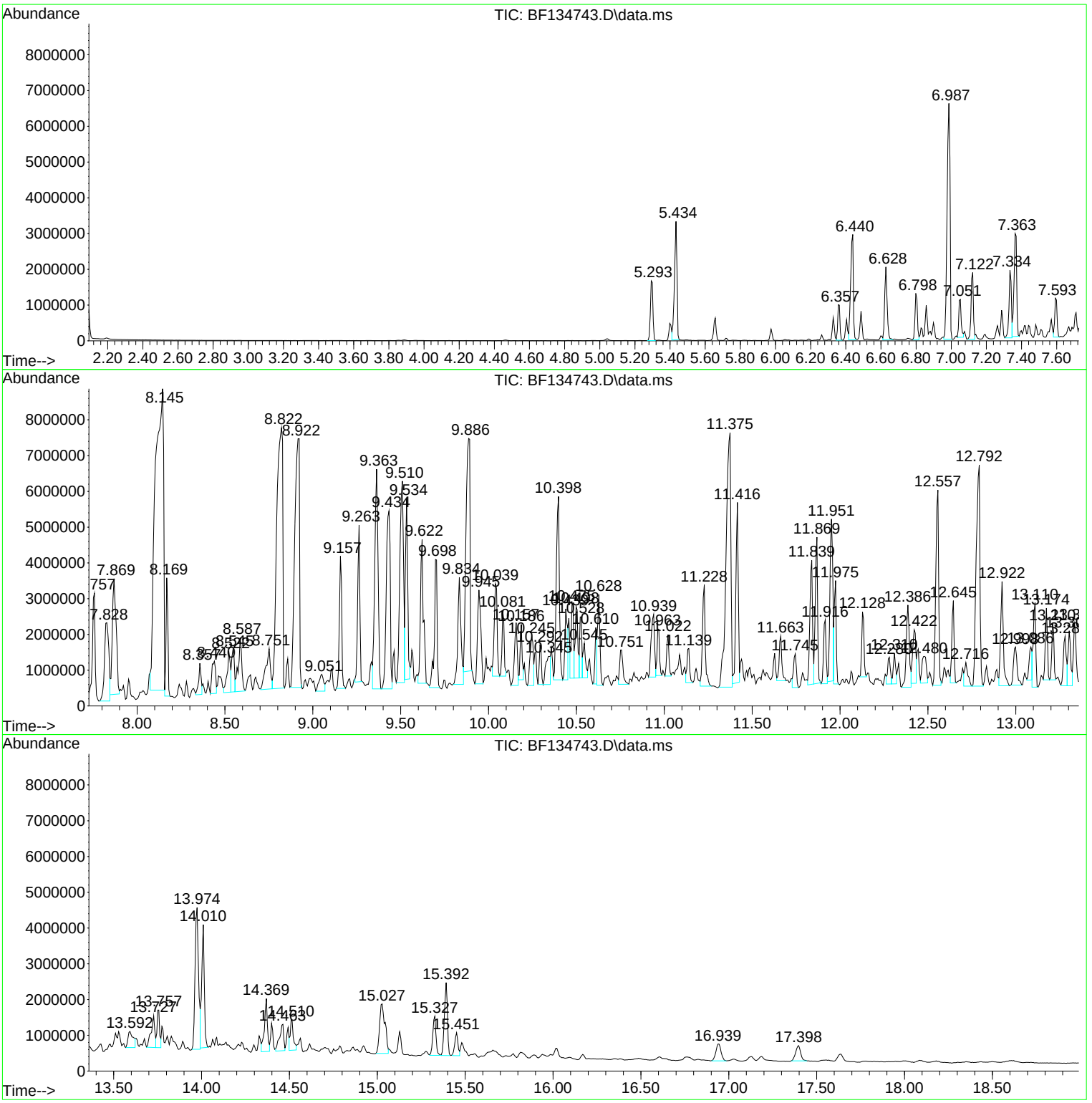
Sum of corrected areas: 317797849

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

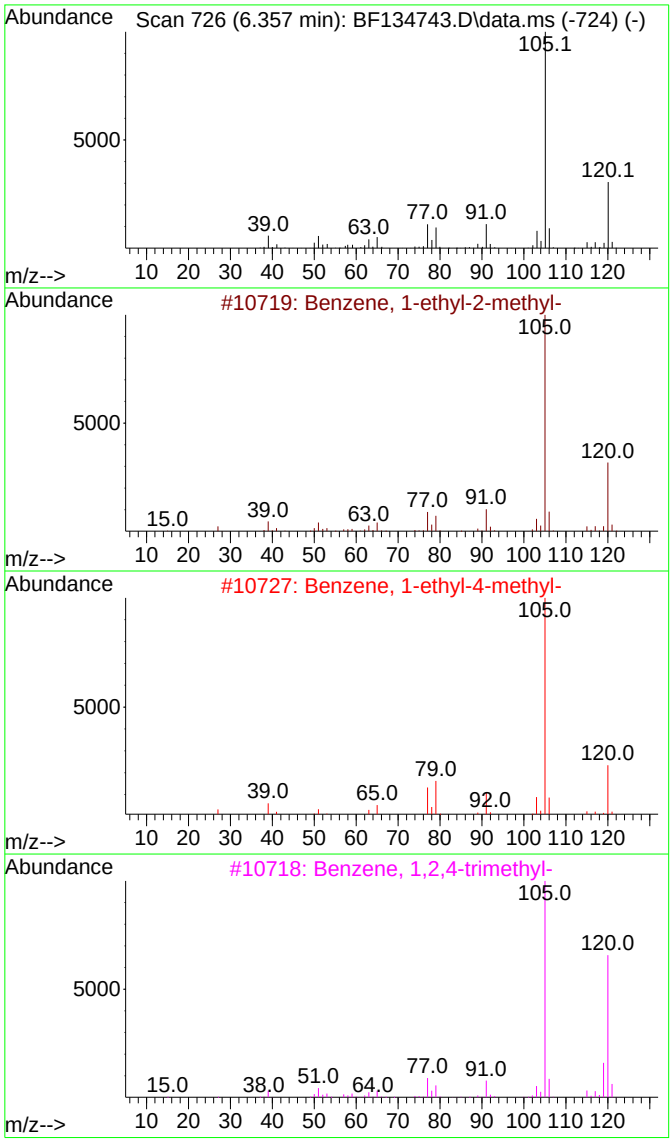
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

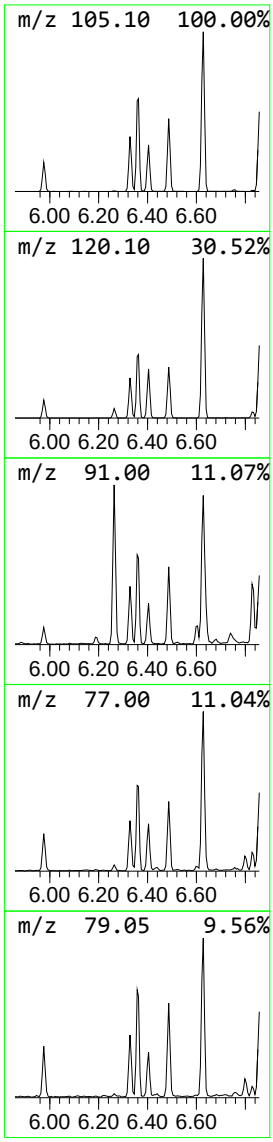
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	14.89 ng	872224	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

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

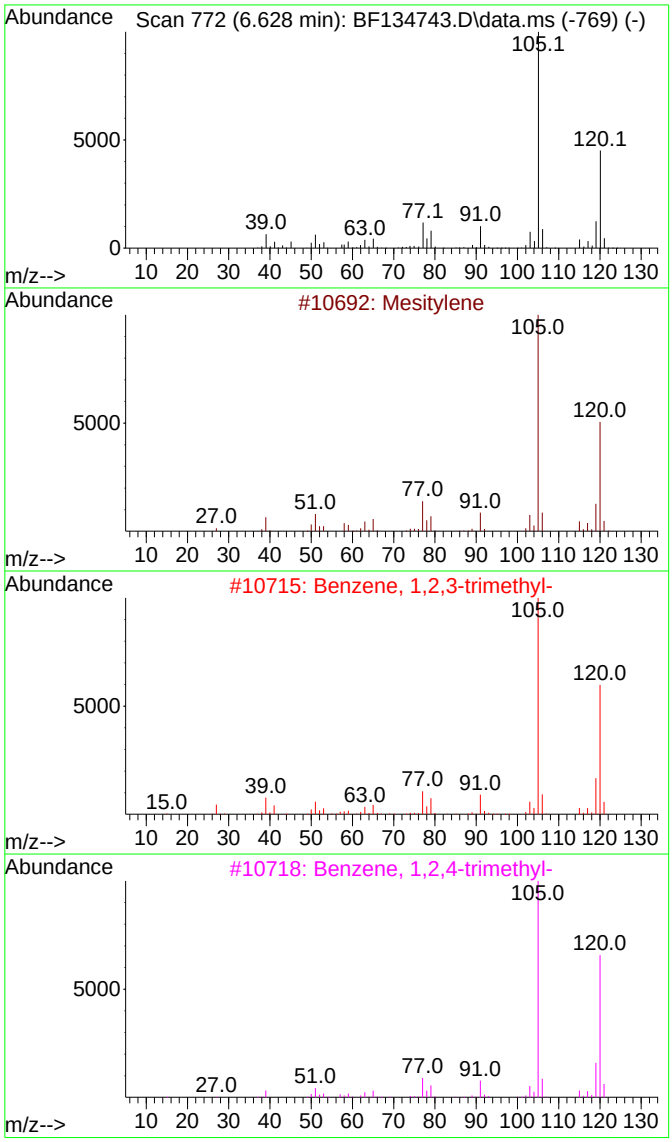
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

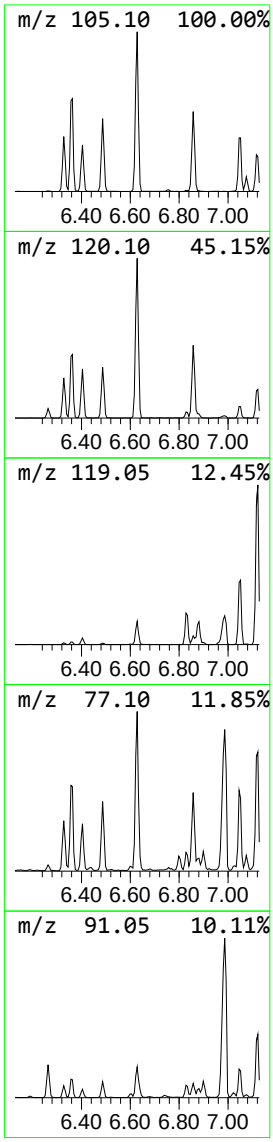
****

Peak Number 3 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	33.42 ng	1957590	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

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

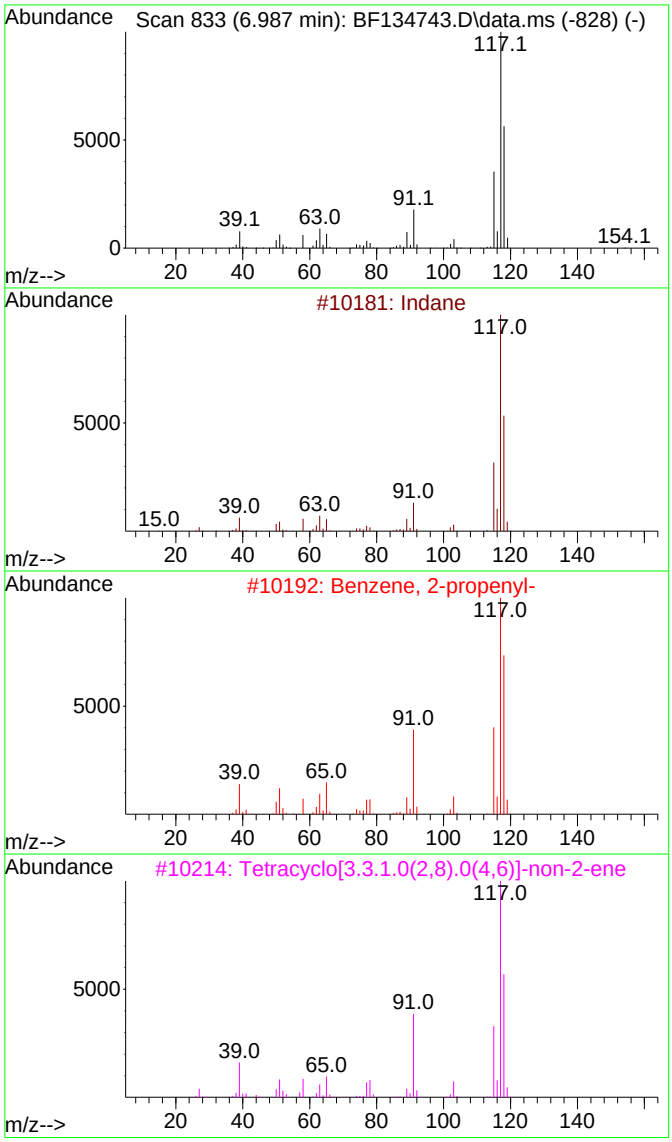
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

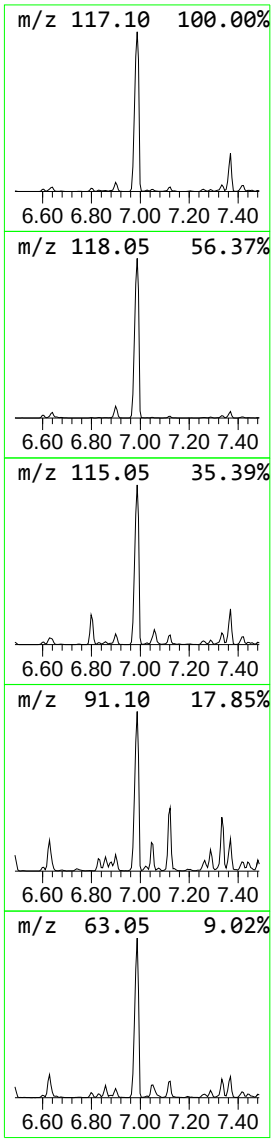
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.987	130.61 ng	7651260	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	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

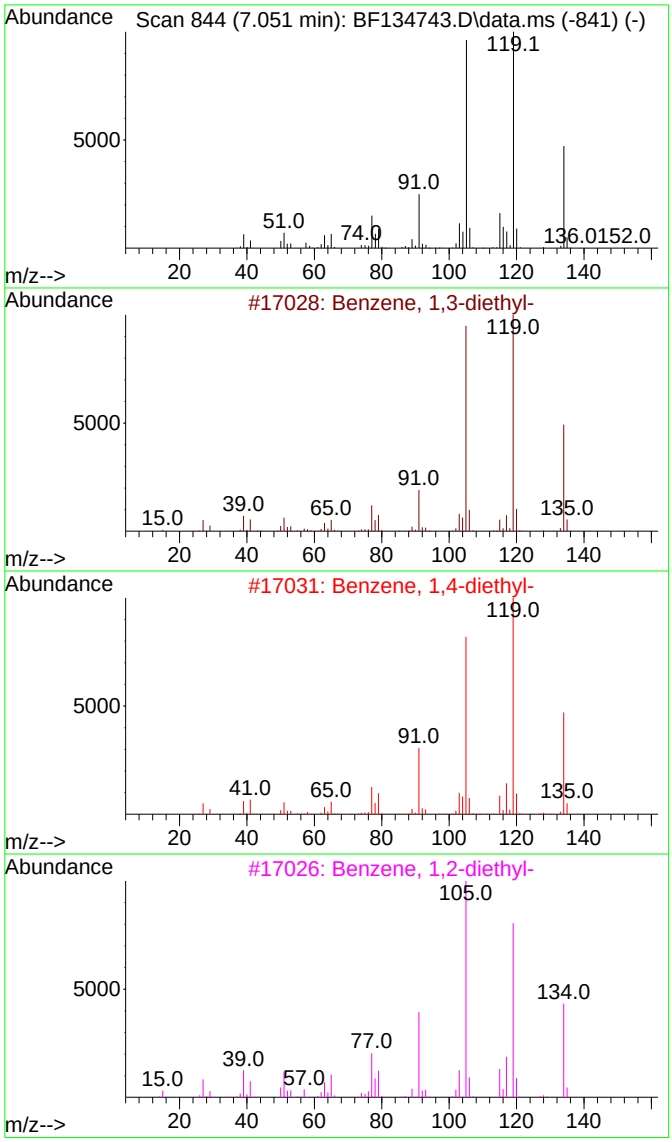
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

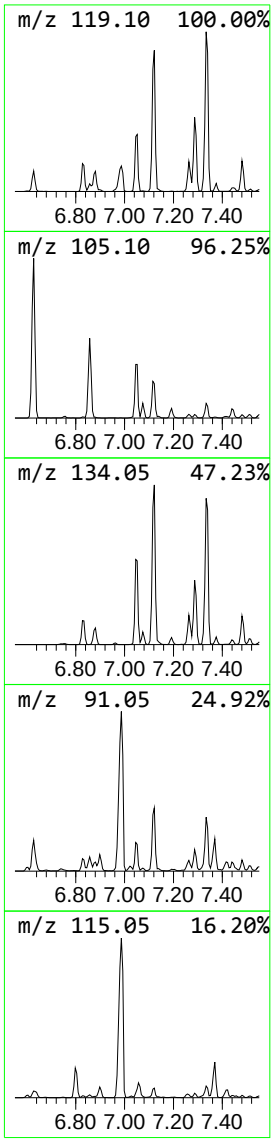
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	17.55 ng	1027890	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

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

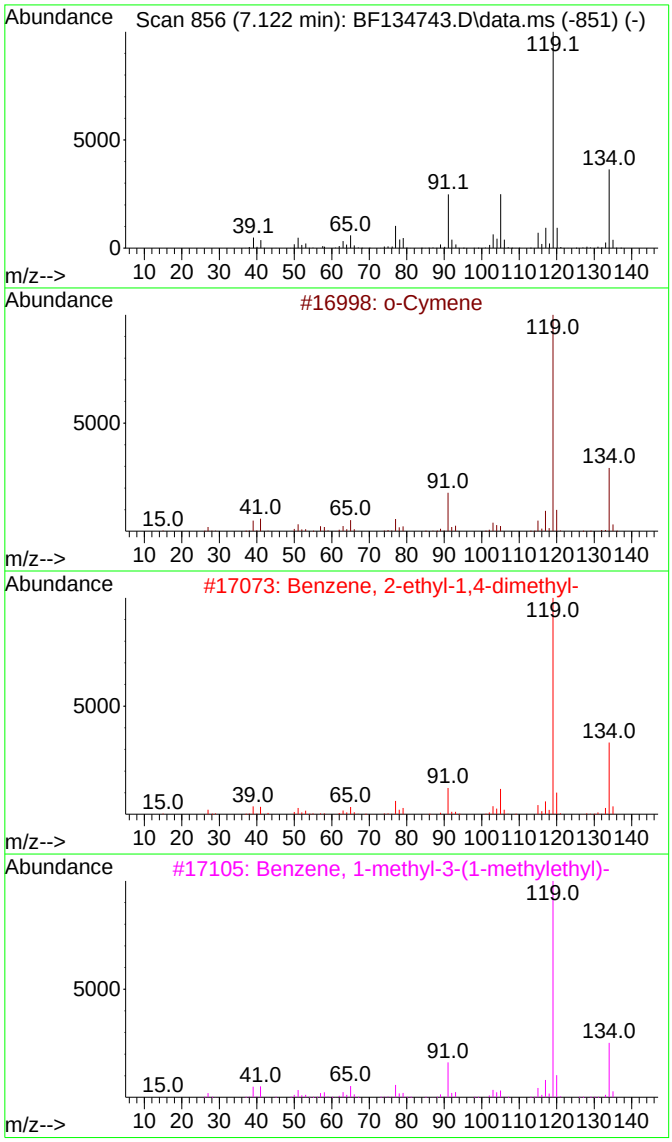
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

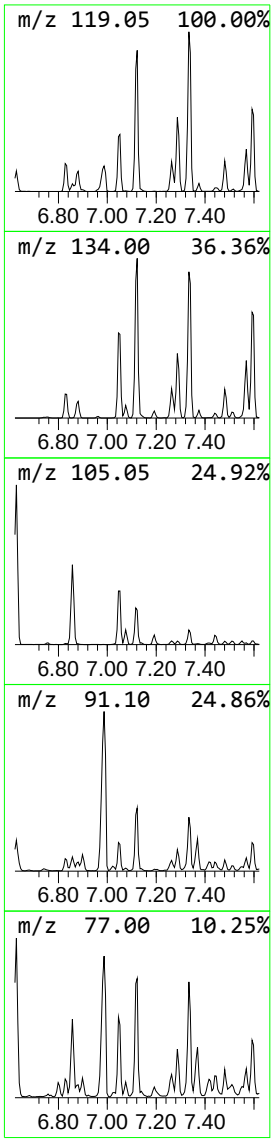
****

Peak Number 6 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	29.13 ng	1706230	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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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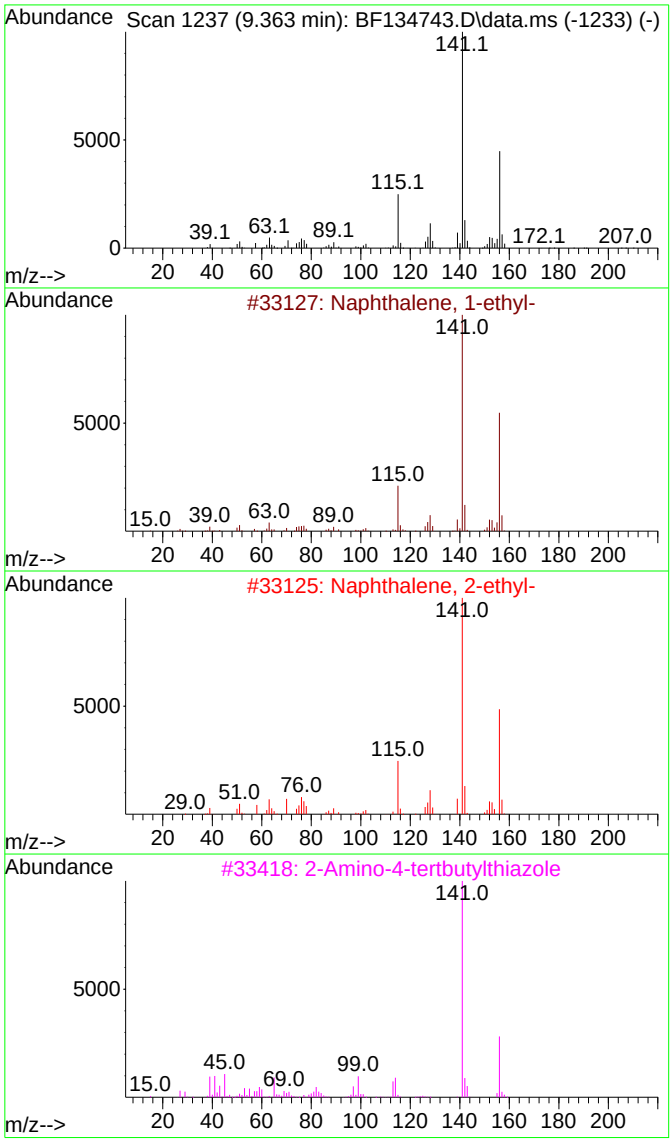
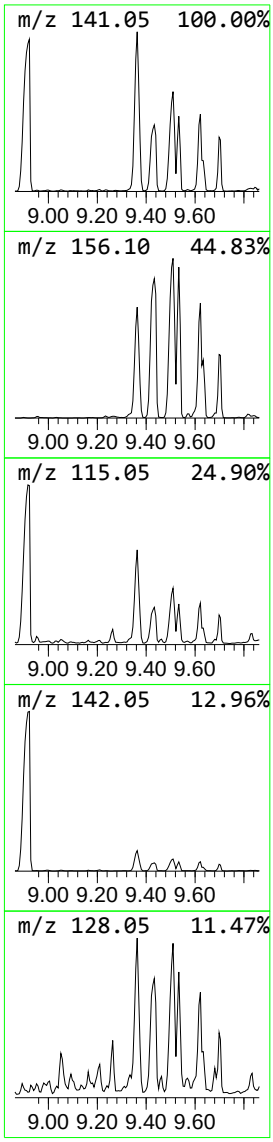
Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	42.15 ng	7997510	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	94
3	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
4	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	58
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	53





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Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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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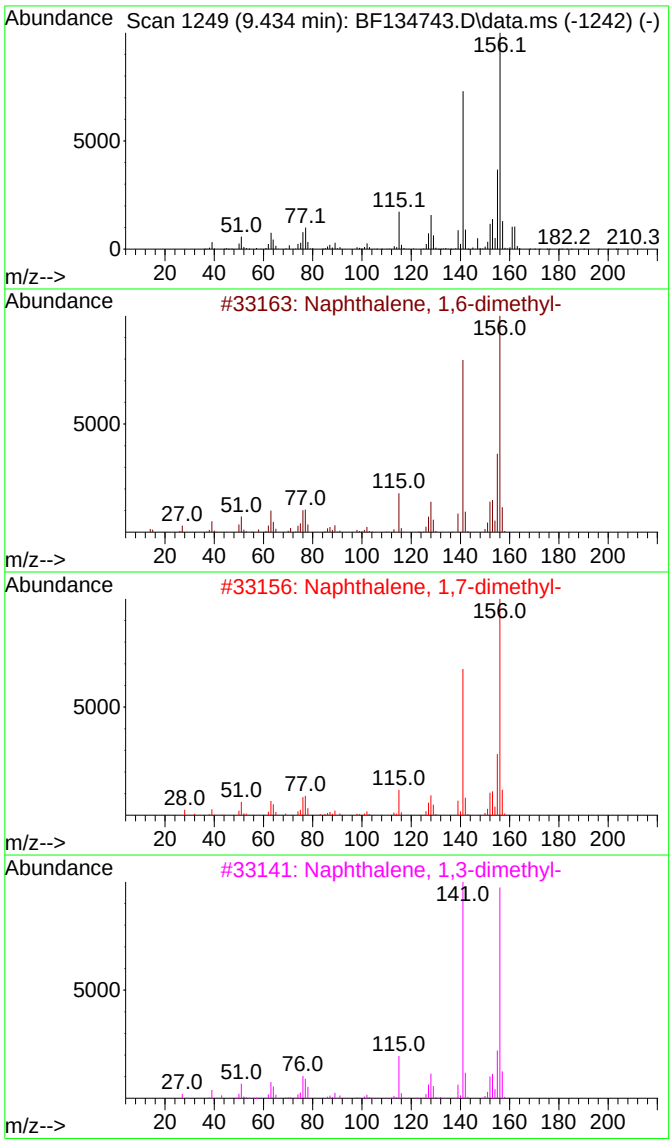
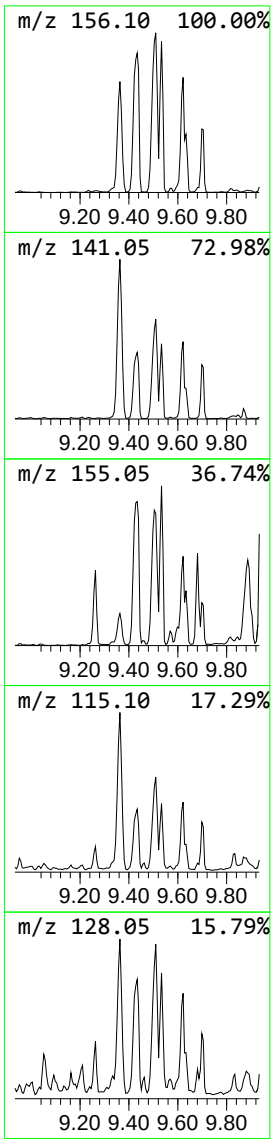
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	41.02 ng	7783030	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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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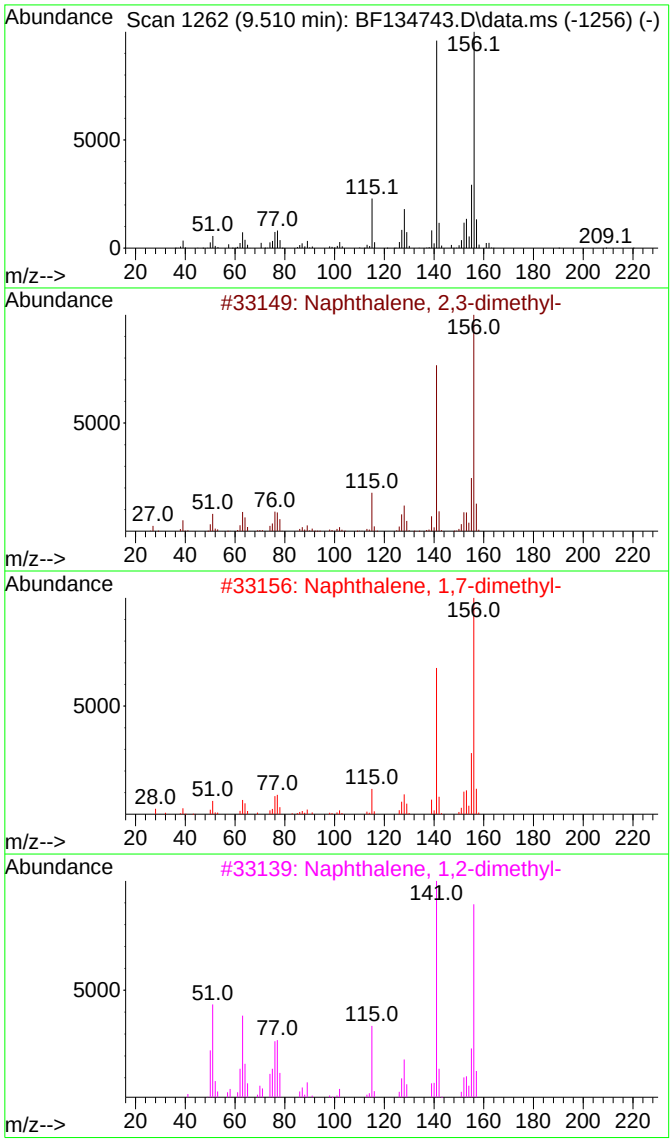
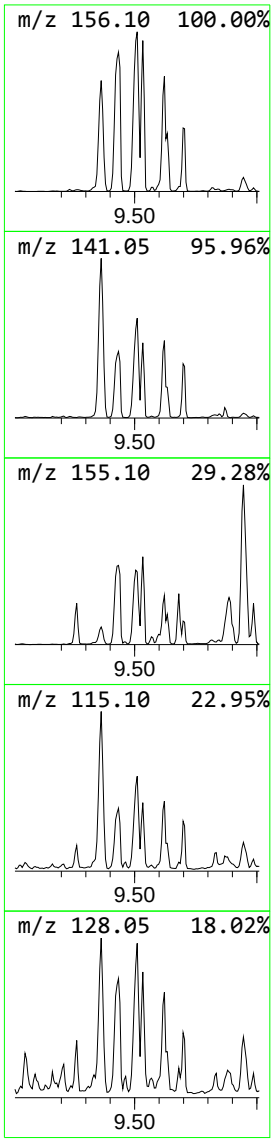
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	43.69 ng	8289200	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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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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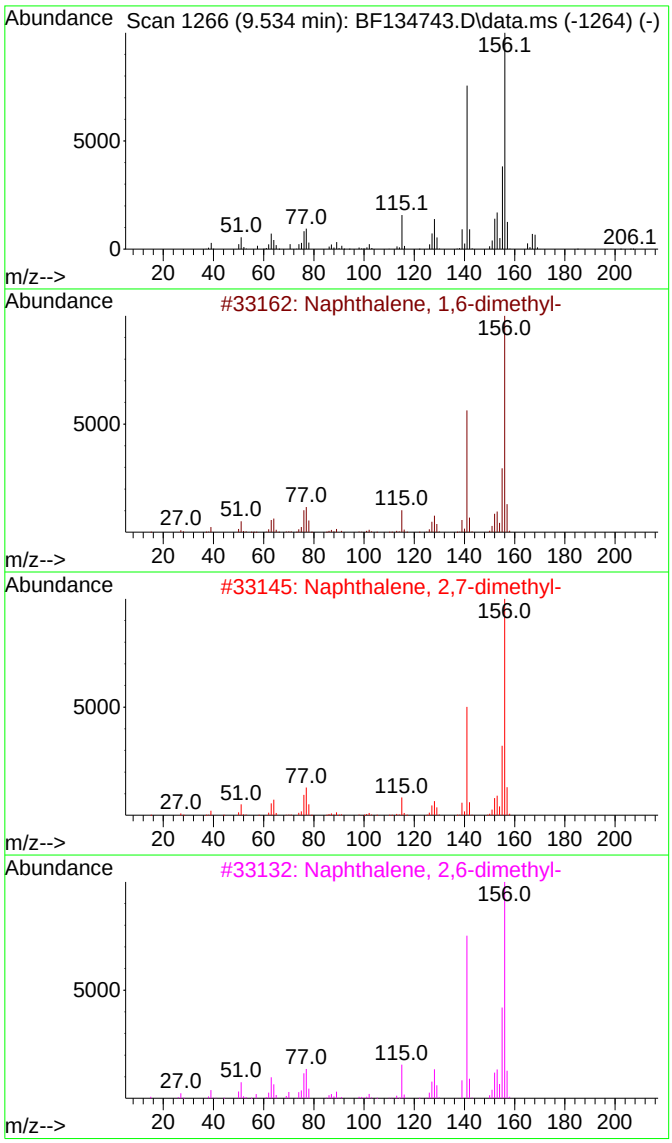
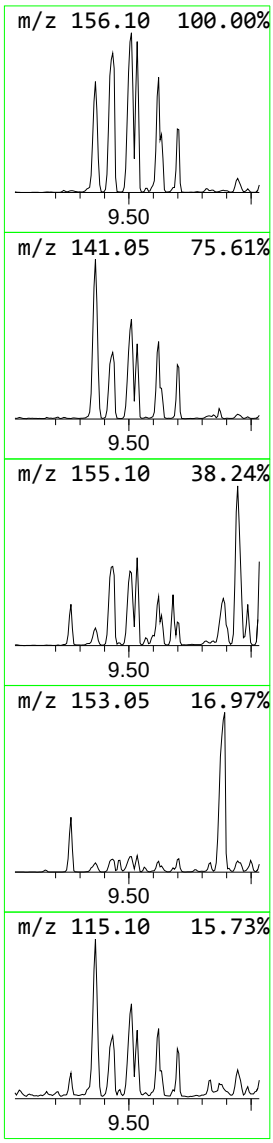
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	22.88 ng	4340500	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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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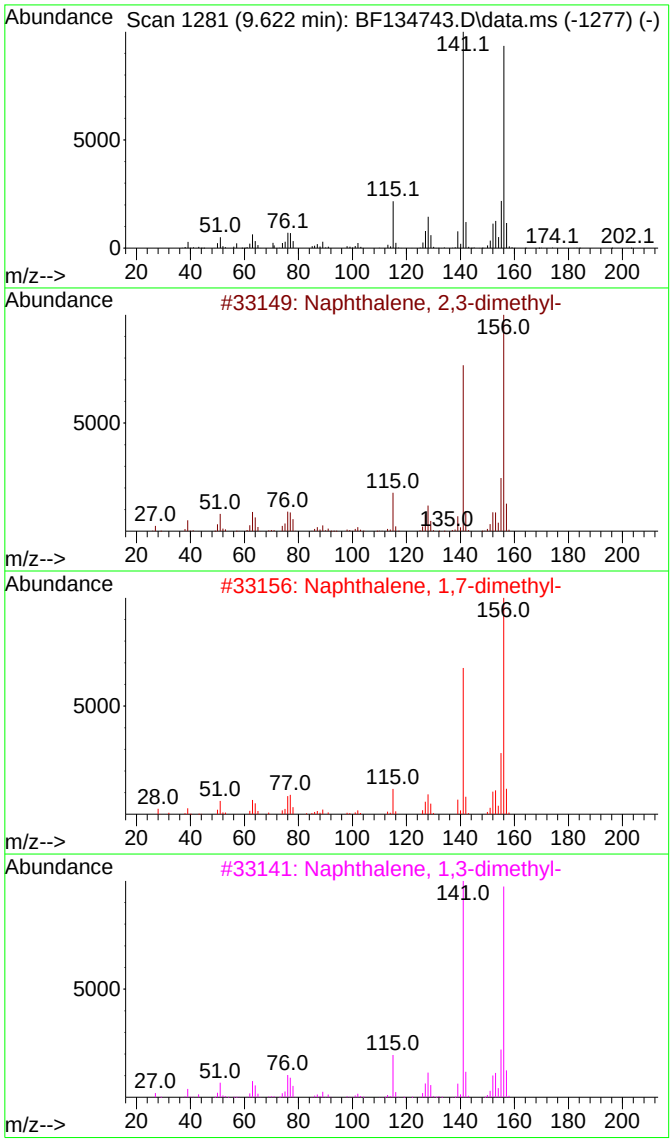
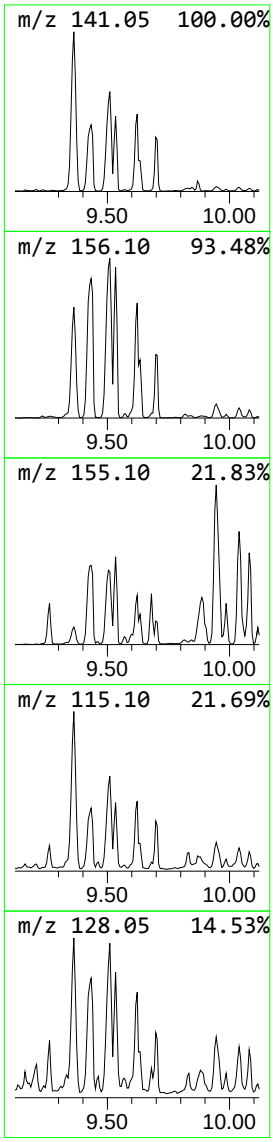
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	24.96 ng	4736090	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z10-12

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

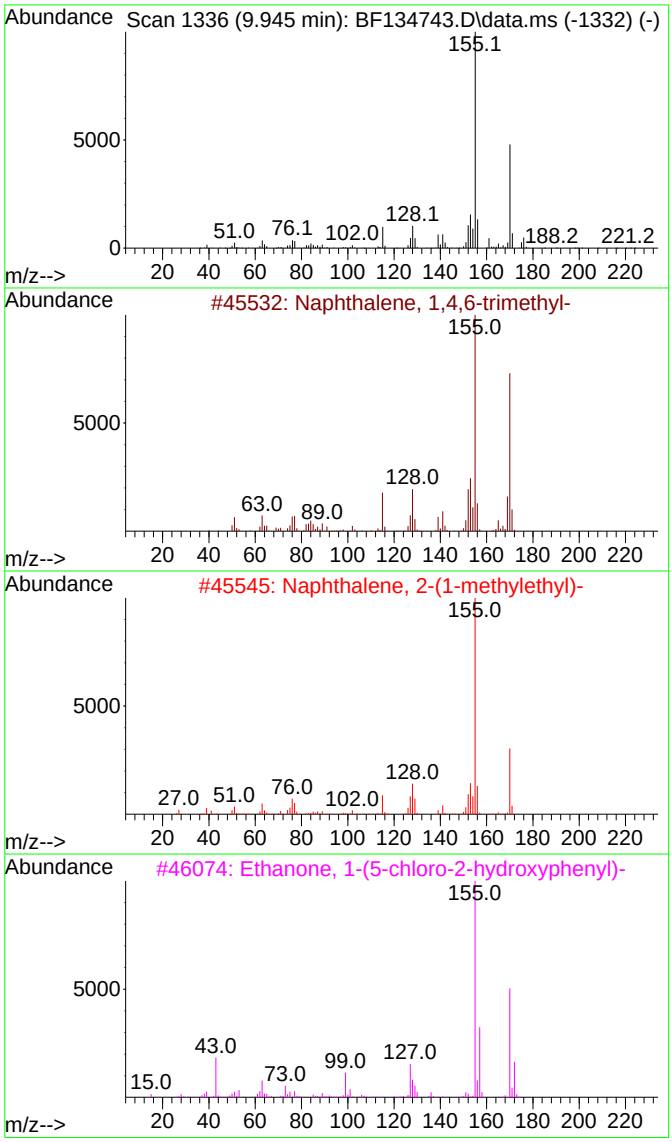
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

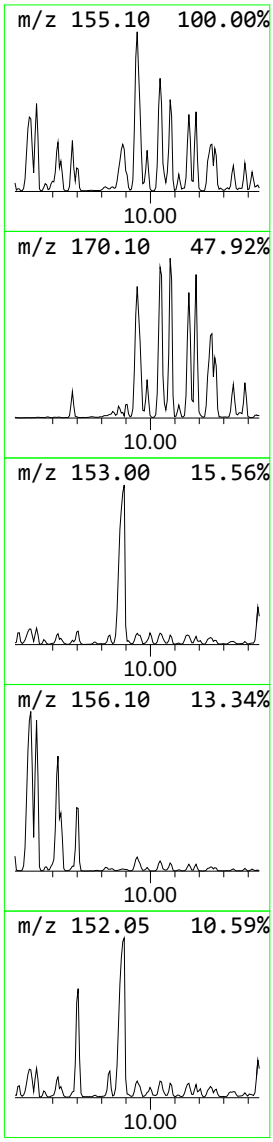
****

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	18.37 ng	3486140	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





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Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z10-12

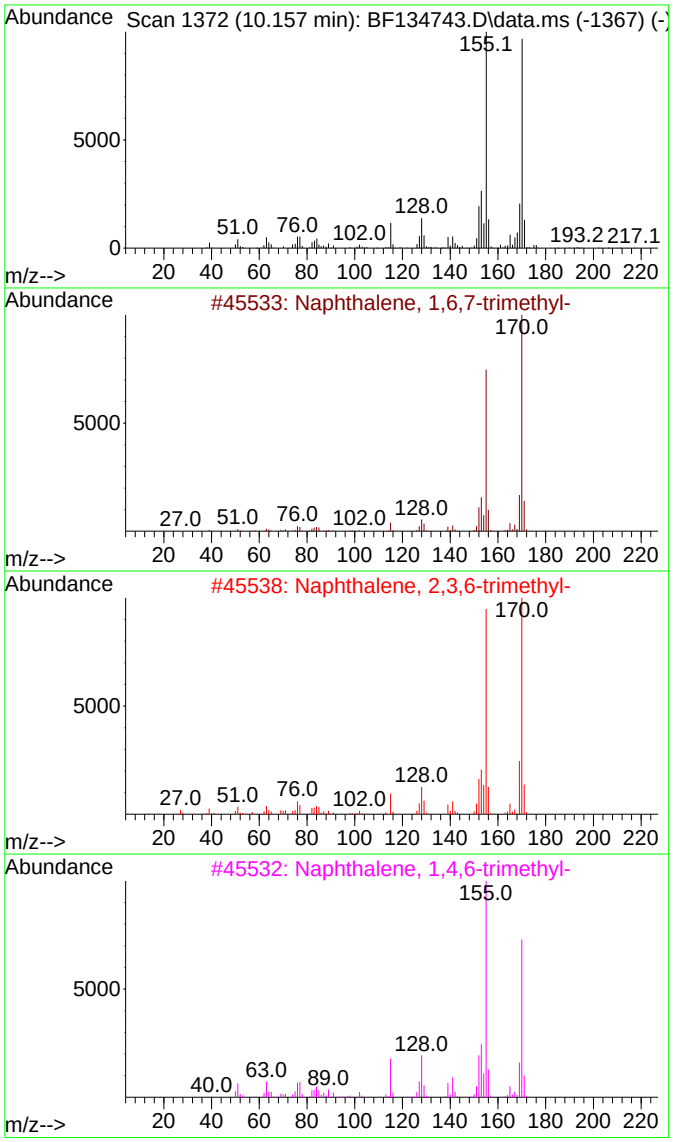
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

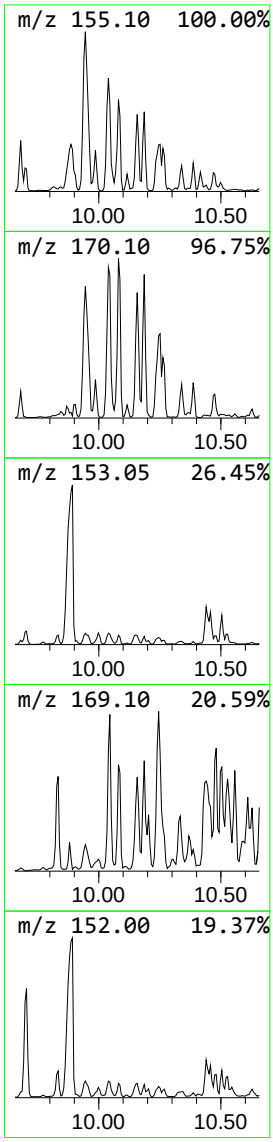
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	10.11 ng	1917550	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z10-12

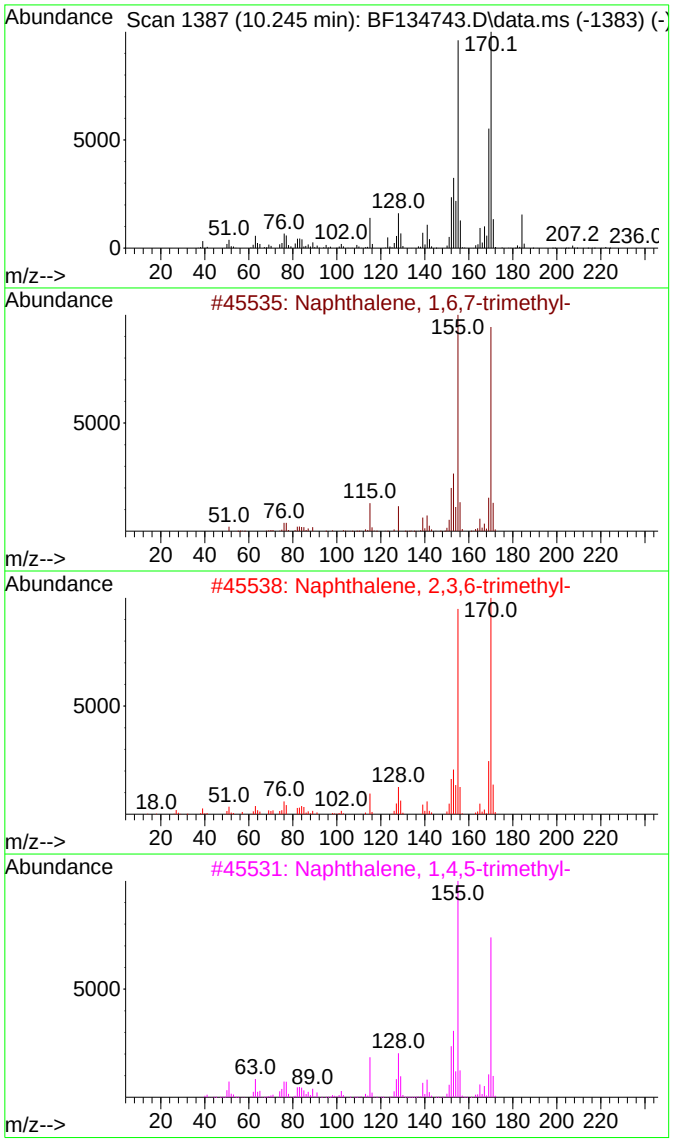
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

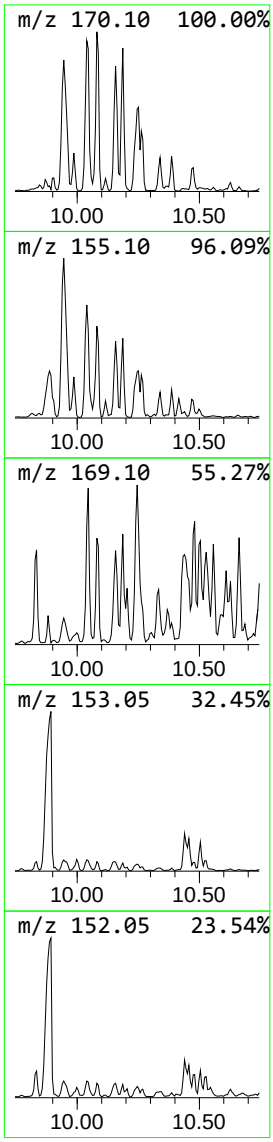
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	9.37 ng	1778100	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76





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Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-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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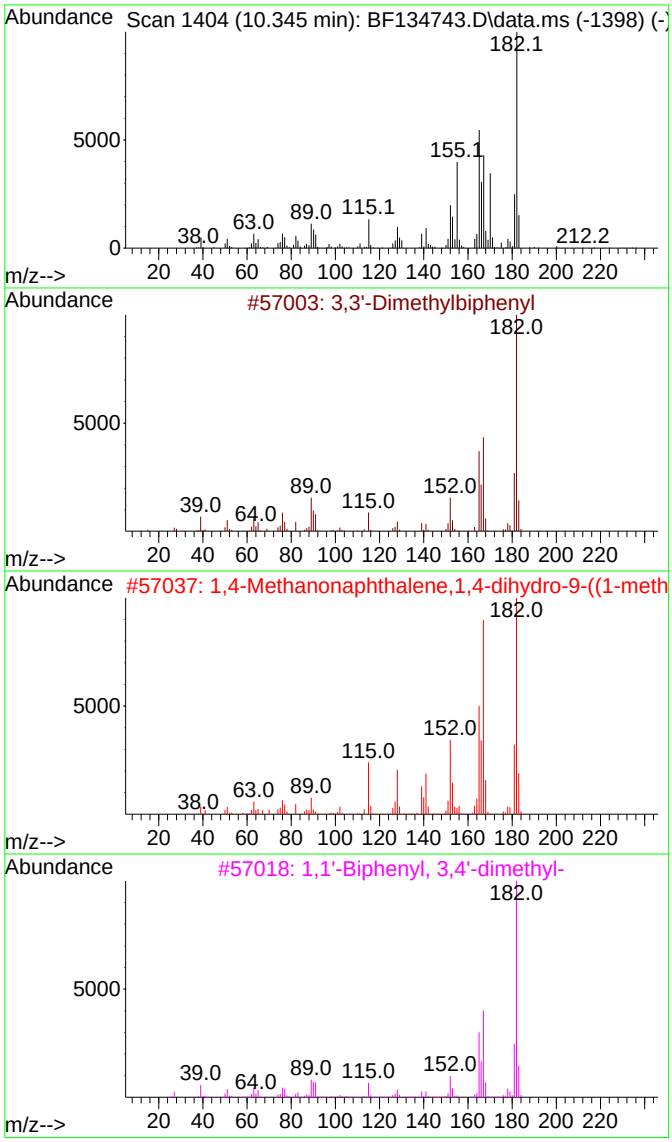
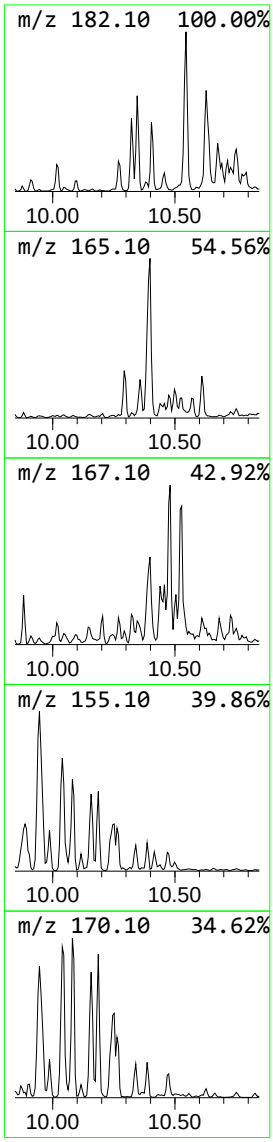
Peak Number 15 3,3'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	7.91 ng	1501790	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	95
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	58
5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	38





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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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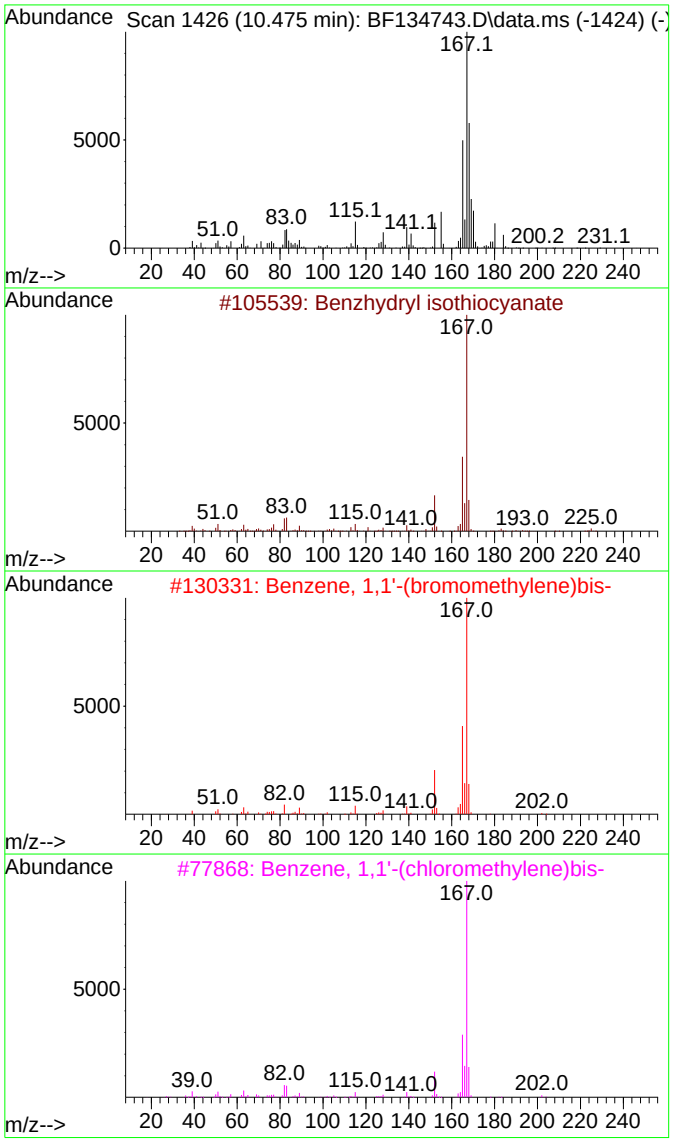
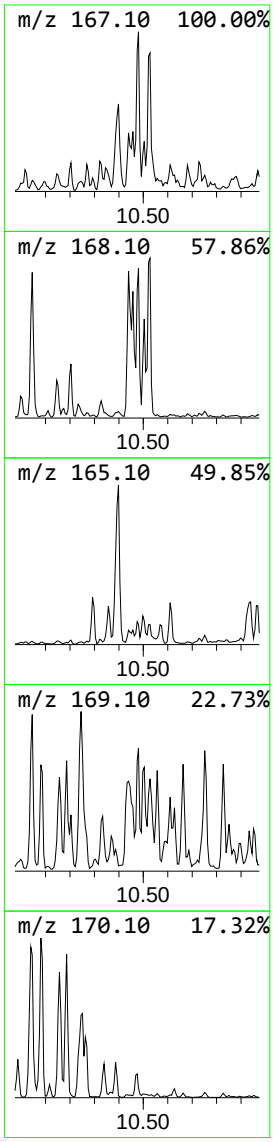
Peak Number 16 unknown10.475 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	10.70 ng	2029430	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	47
2	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43
3	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	43
4	4-(Bromomethyl)-1,1'-biphenyl	246	C13H11Br	002567-29-5	43
5	Adrafinil	289	C15H15NO3S	063547-13-7	38





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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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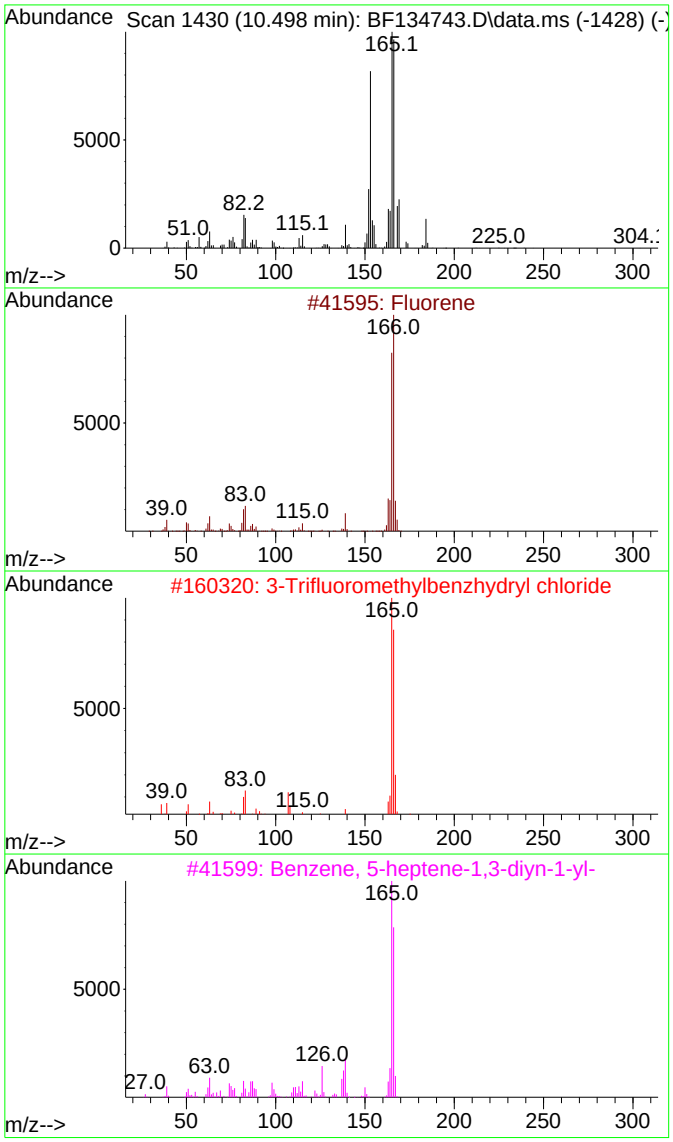
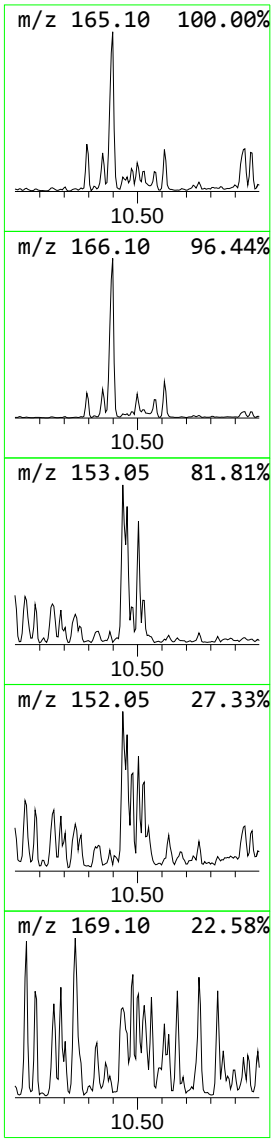
Peak Number 17 unknown10.498 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	11.60 ng	2201170	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	55
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	38
3	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	38
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	25
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	11





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Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

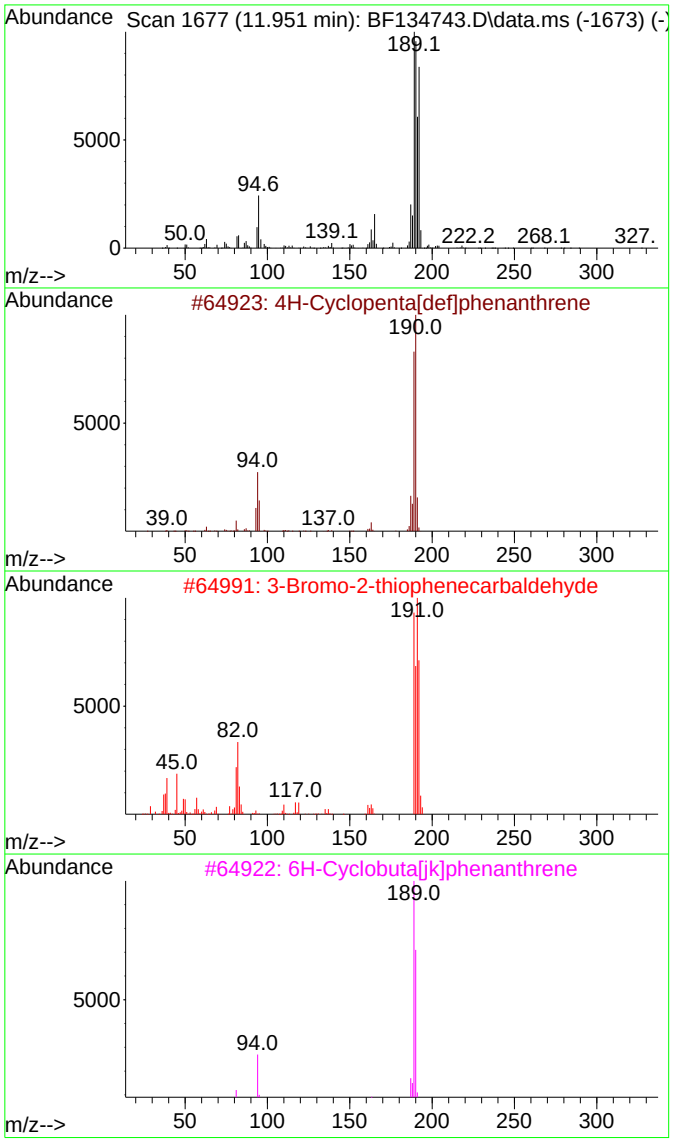
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

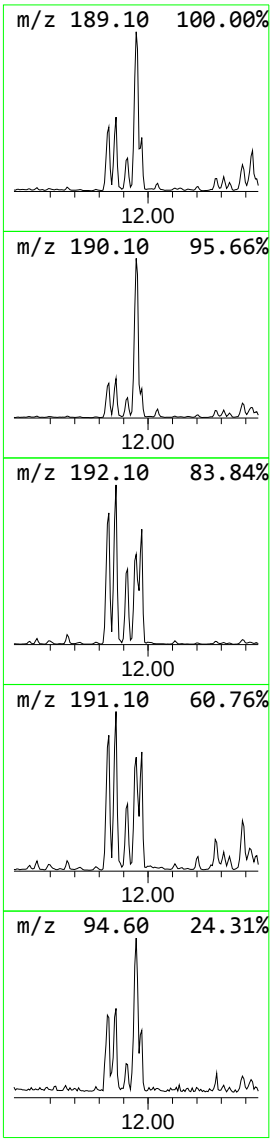
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.96 ng	5244440	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	47
5	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

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

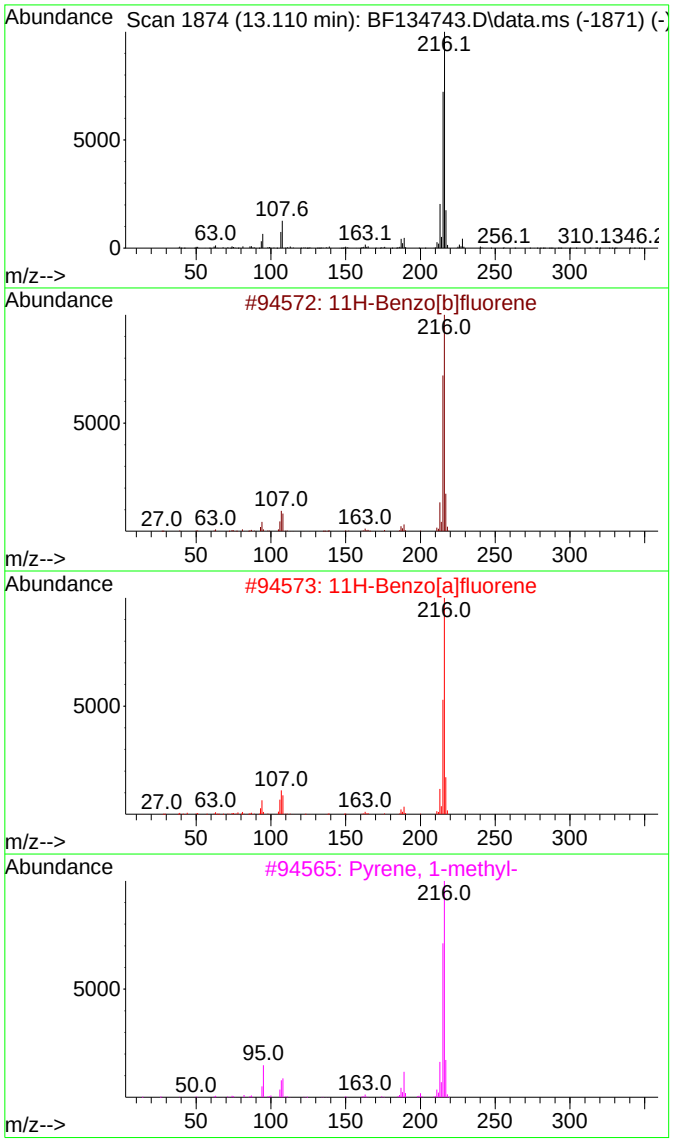
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

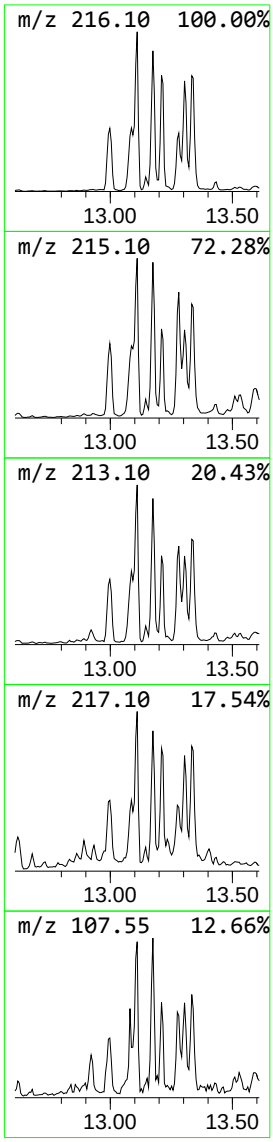
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	8.08 ng	2264420	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z10-12

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

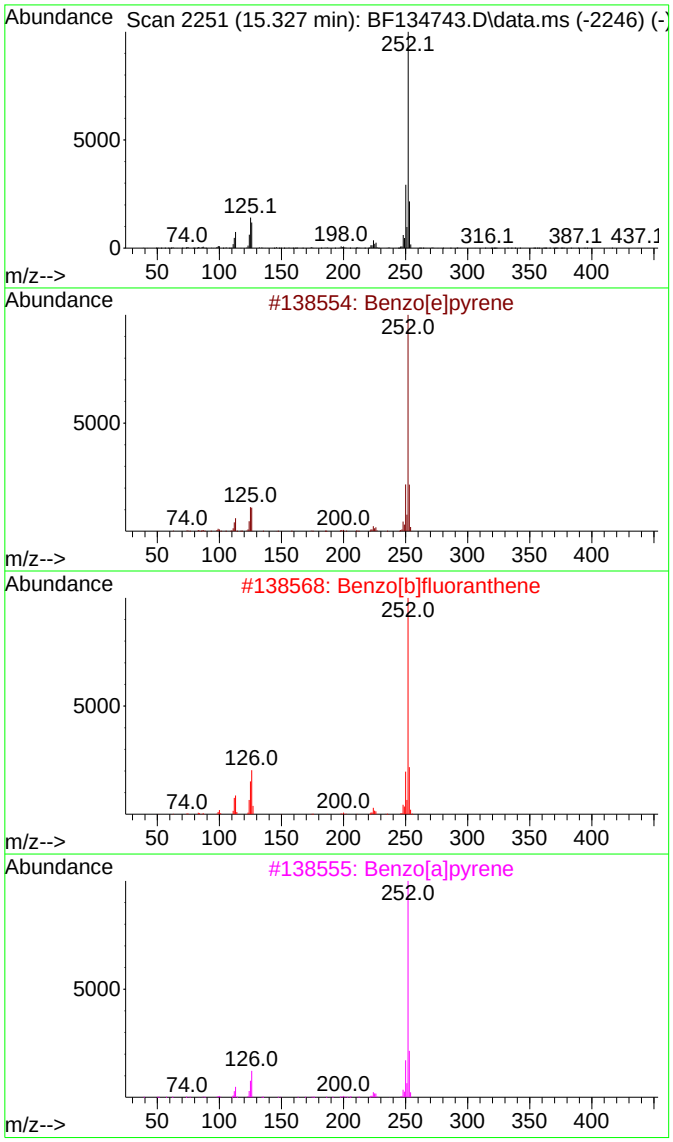
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

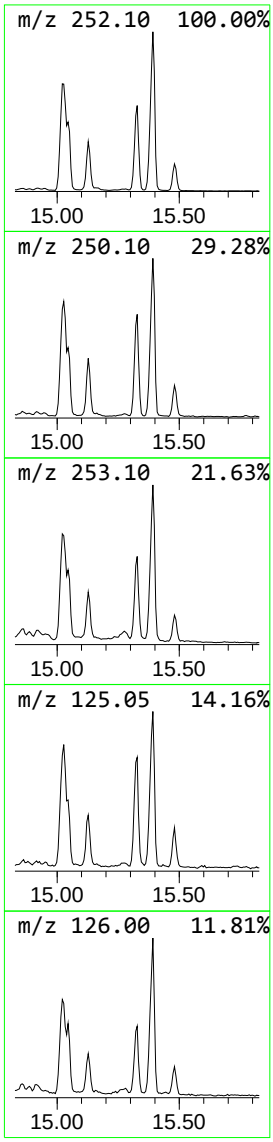
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	33.74 ng	1356130	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134743.D
Acq On : 11 Aug 2023 20:50
Operator : CG\JU
Sample : 03958-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-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...	6.357	14.9	ng	872224	1	6.798	1171610	20.0
Mesitylene	6.628	33.4	ng	1957590	1	6.798	1171610	20.0
Indane	6.987	130.6	ng	7651260	1	6.798	1171610	20.0
Benzene, 1,3-di...	7.051	17.6	ng	1027890	1	6.798	1171610	20.0
o-Cymene	7.122	29.1	ng	1706230	1	6.798	1171610	20.0
Naphthalene, 1-...	9.363	42.1	ng	7997510	3	9.839	3794940	20.0
Naphthalene, 1,...	9.434	41.0	ng	7783030	3	9.839	3794940	20.0
Naphthalene, 2,...	9.510	43.7	ng	8289200	3	9.839	3794940	20.0
Naphthalene, 2,...	9.534	22.9	ng	4340500	3	9.839	3794940	20.0
Naphthalene, 1,...	9.622	25.0	ng	4736090	3	9.839	3794940	20.0
Naphthalene, 1,...	9.945	18.4	ng	3486140	3	9.839	3794940	20.0
Naphthalene, 1,...	10.157	10.1	ng	1917550	3	9.839	3794940	20.0
Naphthalene, 2,...	10.245	9.4	ng	1778100	3	9.839	3794940	20.0
3,3'-Dimethylbi...	10.345	7.9	ng	1501790	3	9.839	3794940	20.0
unknown10.475	10.475	10.7	ng	2029430	3	9.839	3794940	20.0
unknown10.498	10.498	11.6	ng	2201170	3	9.839	3794940	20.0
4H-Cyclopenta[d...	11.951	8.0	ng	5244440	4	11.333	13172900	20.0
11H-Benzo[b]flu...	13.110	8.1	ng	2264420	5	13.980	5606500	20.0
Benzo[e]pyrene	15.327	33.7	ng	1356130	6	15.451	803803	20.0