LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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: BF134742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	559	569	572	rBV	2996661	2815451	21.16%	1.365%
2	6.434	735	739	742	rVV	2791827	2719953	20.44%	1.319%
3	6.628	769	772	778	rVB2	556264	680559	5.12%	0.330%
4	6.798	798	801	805	rBV	1479857	1216495	9.14%	0.590%
5	6.981	828	832	835	rVB	3024743	2549421	19.16%	1.236%
6	7.116	851	855	858	rBV	651744	560902	4.22%	0.272%
7	7.334	887	892	894	rBV	939434	844752	6.35%	0.410%
8	7.363	894	897	900	rVB2	2127557	1856188	13.95%	0.900%
9	7.751	961	963	968	rVB2	819192	670796	5.04%	0.325%
10	7.822	968	975	979	rBV3	1169840	1875203	14.09%	0.909%
11	7.863	979	982	987	rVV	1072958	1434556	10.78%	0.695%
12	8.116	1013	1025	1028	rBV2	7143789	13304992	100.00%	6.450%
13	8.151	1028	1031	1041	rVB3	821810	1025992	7.71%	0.497%
14	8.439	1075	1080	1082	rBV	406125	627601	4.72%	0.304%
15	8.545	1095	1098	1100	rVV2	478128	535689	4.03%	0.260%
16	8.586	1102	1105	1109	rVB3	622405	643633	4.84%	0.312%
17	8.798	1135	1141	1144	rVB	5219875	4986127	37.48%	2.417%
18	8.904	1152	1159	1161	rBV	6065652	7488056	56.28%	3.630%
19	9.157	1198	1202	1205	rBV	3747596	3084660	23.18%	1.495%
20	9.257	1216	1219	1222	rVB	2501213	1912566	14.37%	0.927%
21	9.351	1232	1235	1241	rVB	2744527	3347539	25.16%	1.623%
22	9.428	1241	1248	1251	rBV	3070273	4201253	31.58%	2.037%
23	9.498	1255	1260	1263	rVV	4097395	4980748	37.44%	2.415%
24	9.522	1263	1264	1267	rVV	2231518	1750007	13.15%	0.848%
25	9.563	1267	1271	1273	rVB	755396	767378	5.77%	0.372%
26	9.616	1276	1280	1285	rVB	2349115	2654624	19.95%	1.287%
27	9.698	1291	1294	1299	rVB	2861690	2438816	18.33%	1.182%
28	9.833	1311	1317	1320	rBV2	1608760	2774313	20.85%	1.345%
29	9.880	1320	1325	1327	rVV	6419840	7719027	58.02%	3.742%
30	9.939	1332	1335	1339	rVB	923292	1186098	8.91%	0.575%
31	9.981	1339	1342	1346	rBV2	400052	592268	4.45%	0.287%
32	10.039	1348	1352	1355	rVV	1665317	1697344	12.76%	0.823%
33	10.080	1355	1359	1362	rVV	1311826	1154975	8.68%	0.560%
34	10.151	1366	1371	1374	rBV2	1491724	1906110	14.33%	0.924%
35	10.180	1374	1376	1378	rVV	841802	742909	5.58%	0.360%
36	10.245	1382	1387	1389	rBV2	903608	1245557	9.36%	0.604%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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	10.292	1392	1395	1398	rBV	1486316	1132704	8.51%	0.549%
38	10.339	1398	1403	1404	rBV4	513604	779017	5.86%	0.378%
39	10.357	1404	1406	1408	rVV	1123679	805003	6.05%	0.390%
40	10.392	1408	1412	1417	rVB	3181790	3875612	29.13%	1.879%
41	10.451	1420	1422	1424	rVV2	901788	802602	6.03%	0.389%
42	10.498	1427	1430	1432	rVV2	1525370	1547966	11.63%	0.750%
43	10.539	1435	1437	1440	rVV	645748	731136	5.50%	0.354%
44	10.569	1440	1442	1446	rVB	711954	629746	4.73%	0.305%
45	10.610	1446	1449	1450	rBV	1934445	1683278	12.65%	0.816%
46	10.628	1450	1452	1456	rVB	2144143	1733987	13.03%	0.841%
47	10.751	1470	1473	1480	rVB2	757128	939232	7.06%	0.455%
48	10.933	1500	1504	1507	rBV	1353644	1800660	13.53%	0.873%
49	10.963	1507	1509	1512	rVV	1001208	829907	6.24%	0.402%
50	11.016	1515	1518	1522	rBV2	878876	804834	6.05%	0.390%
51	11.086	1527	1530	1532	rVV4	713972	824907	6.20%	0.400%
52	11.133	1536	1538	1543	rVV	922975	949583	7.14%	0.460%
53	11.222	1549	1553	1561	rVB	2078490	2319387	17.43%	1.124%
54	11.327	1567	1571	1573	rBV	1129336	1444950	10.86%	0.701%
55	11.369	1573	1578	1580	rVV	6570806	9239346	69.44%	4.479%
56	11.410	1580	1585	1587	rVV	4117157	3667276	27.56%	1.778%
57	11.657	1624	1627	1631	rBV2	856837	758646	5.70%	0.368%
58	11.739	1639	1641	1645	rVB	700005	741168	5.57%	0.359%
59	11.833	1654	1657	1659	rVV	3176031	2919547	21.94%	1.415%
60	11.863	1659	1662	1665	rVV	3427895	3185737	23.94%	1.544%
61	11.910	1667	1670	1673	rBV	1768760	1594629	11.99%	0.773%
62	11.945	1673	1676	1679	rVV	3827769	4676421	35.15%	2.267%
63	11.969	1679	1680	1685	rVB	2433285	1573728	11.83%	0.763%
64	12.127	1704	1707	1710	rBV	1530829	1253690	9.42%	0.608%
65	12.274	1730	1732	1735	rVV	594975	592619	4.45%	0.287%
66	12.310	1735	1738	1740	rVV	724029	724284	5.44%	0.351%
67	12.386	1744	1751	1753	rBV	2160621	2504610	18.82%	1.214%
68	12.422	1753	1757	1759	rVV	1415064	1862723	14.00%	0.903%
69	12.439	1759	1760	1763	rVV	1113130	783004	5.89%	0.380%
70	12.469	1763	1765	1770	rVV2	648147	1122511	8.44%	0.544%
71	12.551	1774	1779	1782	rBV	5060179	5213977	39.19%	2.528%
72	12.645	1791	1795	1797	rVB	2148098	2007556	15.09%	0.973%
73	12.716	1802	1807	1813	rVB3	625438	1043227	7.84%	0.506%
74	12.786	1813	1819	1823	rBV	5615772	7160828	53.82%	3.472%
75	12.921	1838	1842	1849	rVB	2674789	2888778	21.71%	1.400%
76	12.992	1851	1854	1861	rVB2	1056118	1419810	10.67%	0.688%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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	13.080	1866	1869	1871	rVV3	963944	1327254	9.98%	0.643%
78	13.104	1871	1873	1876	rVB	2084426	1945409	14.62%	0.943%
79	13.174	1882	1885	1888	rVV	1848362	1791865	13.47%	0.869%
80	13.210	1888	1891	1894	rVV	1632750	1470351	11.05%	0.713%
81	13.274	1898	1902	1905	rVV	1306234	1557991	11.71%	0.755%
82	13.304	1905	1907	1909	rVV	1274448	1140204	8.57%	0.553%
83	13.333	1909	1912	1922	rVB	1501505	1851760	13.92%	0.898%
84	13.510	1939	1942	1944	rVV	427768	550456	4.14%	0.267%
85	13.586	1952	1955	1965	rVV2	448596	1232609	9.26%	0.598%
86	13.727	1977	1979	1981	rVV	717767	683957	5.14%	0.332%
87	13.751	1981	1983	1985	rVV	976048	836151	6.28%	0.405%
88	13.974	2016	2021	2024	rBV2	3712003	5265723	39.58%	2.553%
89	14.010	2024	2027	2032	rVB	2969877	2928879	22.01%	1.420%
90	14.363	2083	2087	2091	rVV	1292422	1685562	12.67%	0.817%
91	14.398	2091	2093	2096	rVV	722719	625347	4.70%	0.303%
92	14.457	2100	2103	2106	rVV2	687910	825320	6.20%	0.400%
93	14.510	2110	2112	2118	rVV3	784907	904096	6.80%	0.438%
94	15.027	2194	2200	2206	rBV	1162683	2569187	19.31%	1.246%
95	15.127	2213	2217	2228	rVB	647415	919125	6.91%	0.446%
96	15.321	2246	2250	2256	rVB	949276	1230312	9.25%	0.596%
97	15.392	2256	2262	2266	rVV	1546041	2043688	15.36%	0.991%
98	15.451	2267	2272	2274	rVV	649172	840030	6.31%	0.407%
99	16.939	2519	2525	2534	rVB2	394795	792173	5.95%	0.384%
100	17.392	2596	2602	2613	rVB	327291	691746	5.20%	0.335%

Sum of corrected areas: 206270379

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
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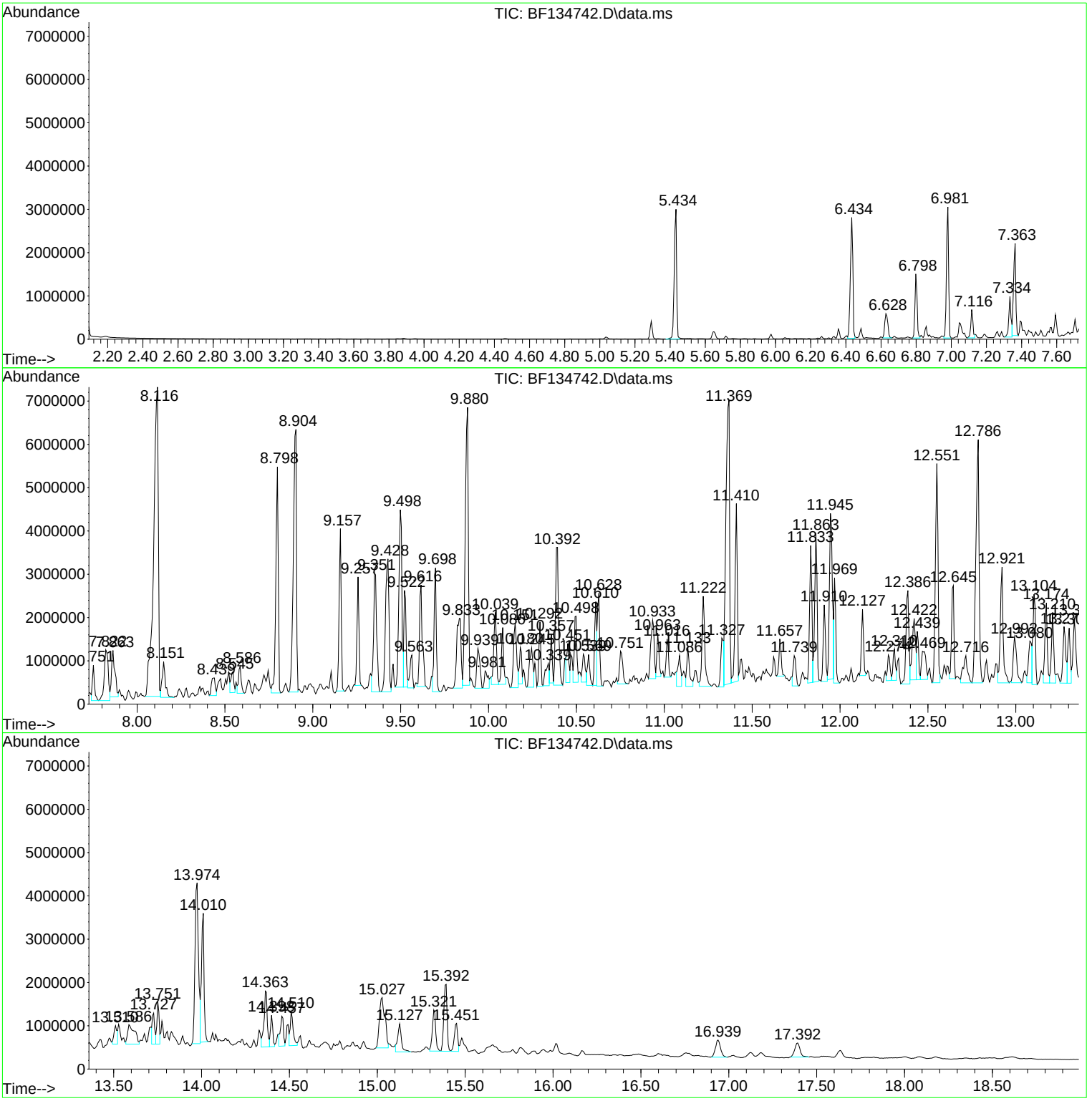
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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 : BF134742.D
Acq On : 11 Aug 2023 20:18
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Sample : 03958-04
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Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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

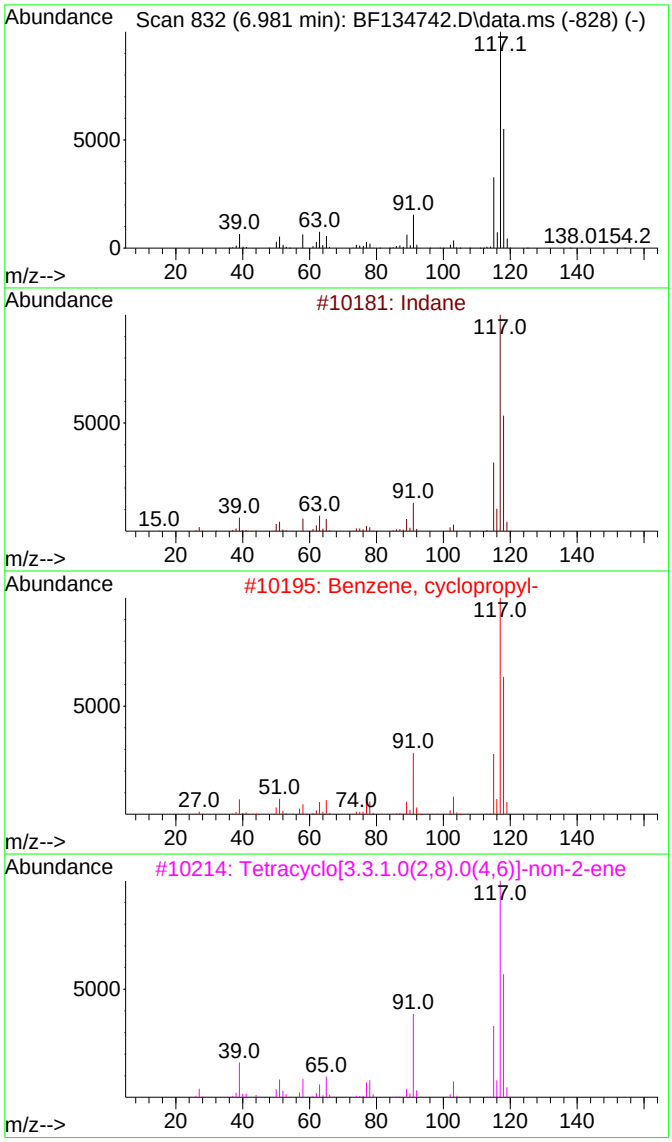
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

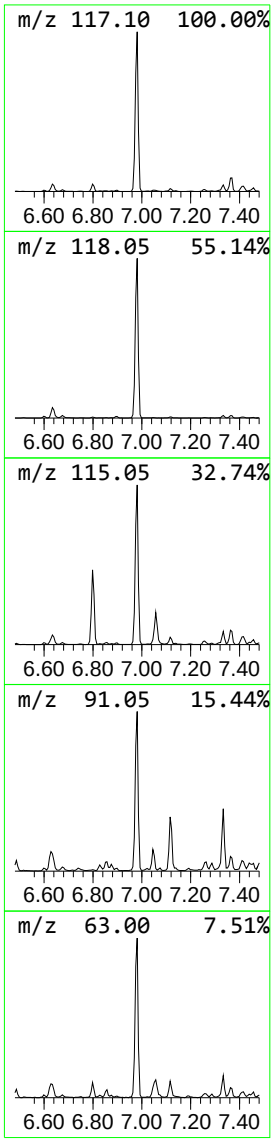
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	41.91 ng	2549420	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, cyclopropyl-	118	C9H10	000873-49-4	64
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, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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Acq On : 11 Aug 2023 20:18
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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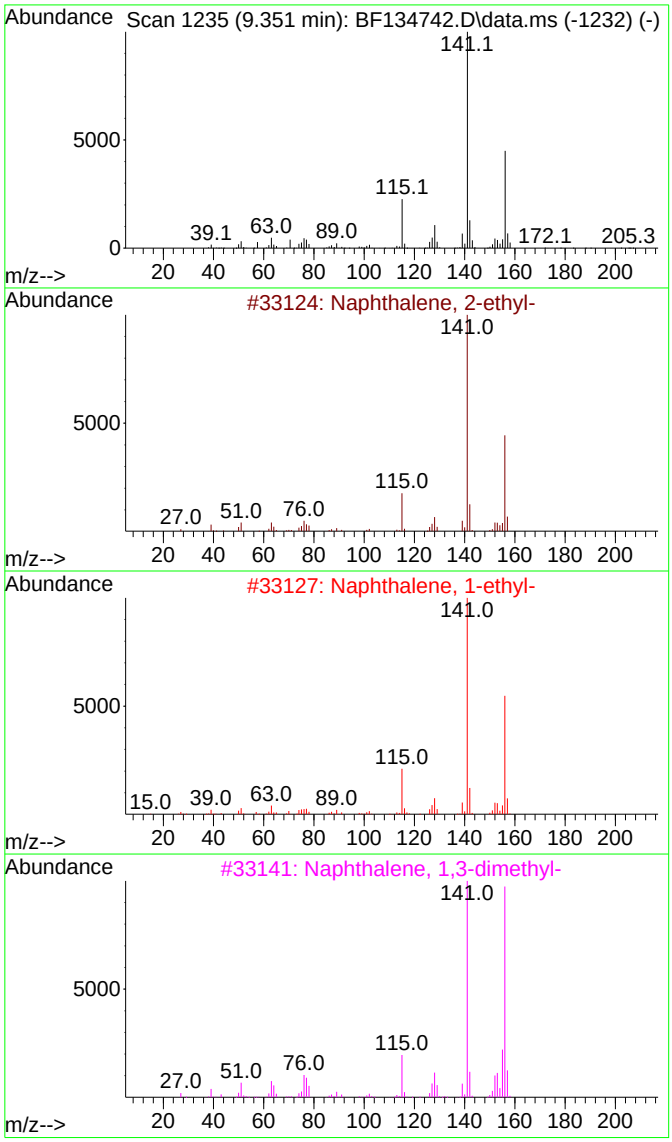
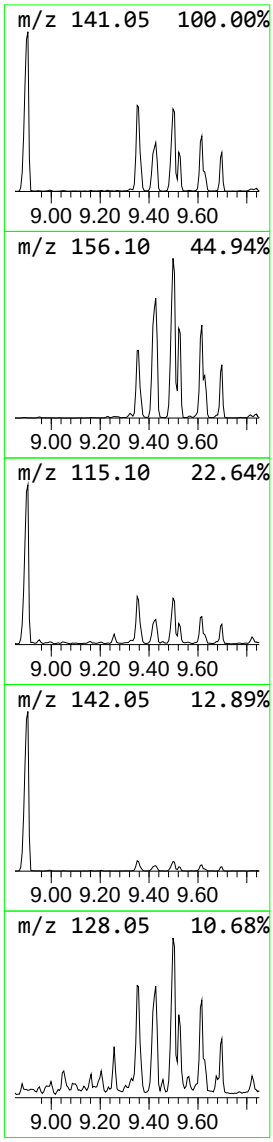
Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	24.13 ng	3347540	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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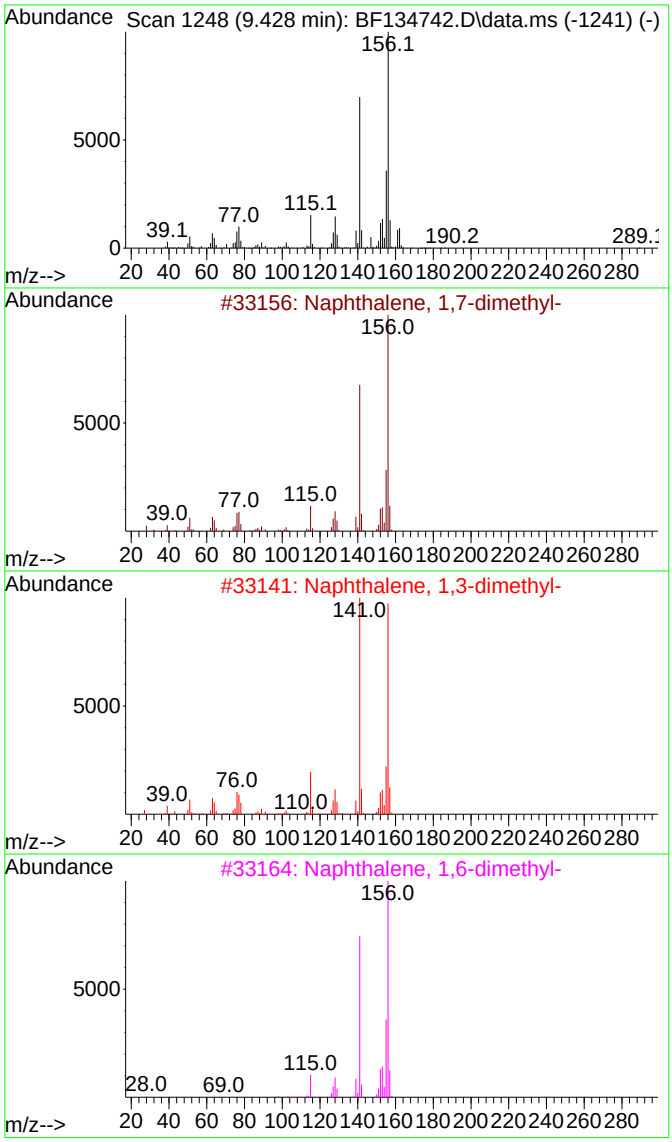
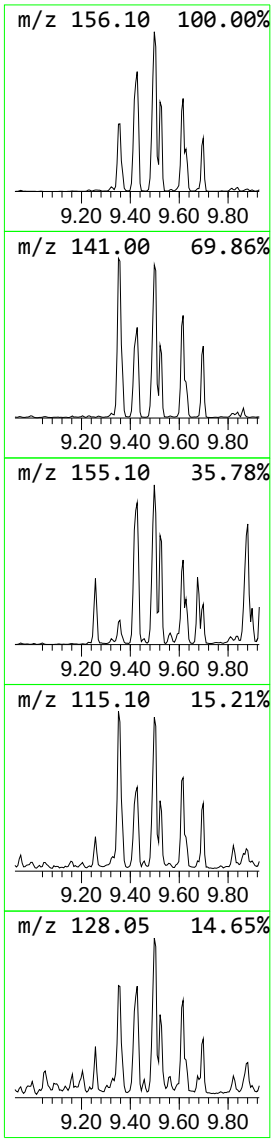
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	30.29 ng	4201250	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

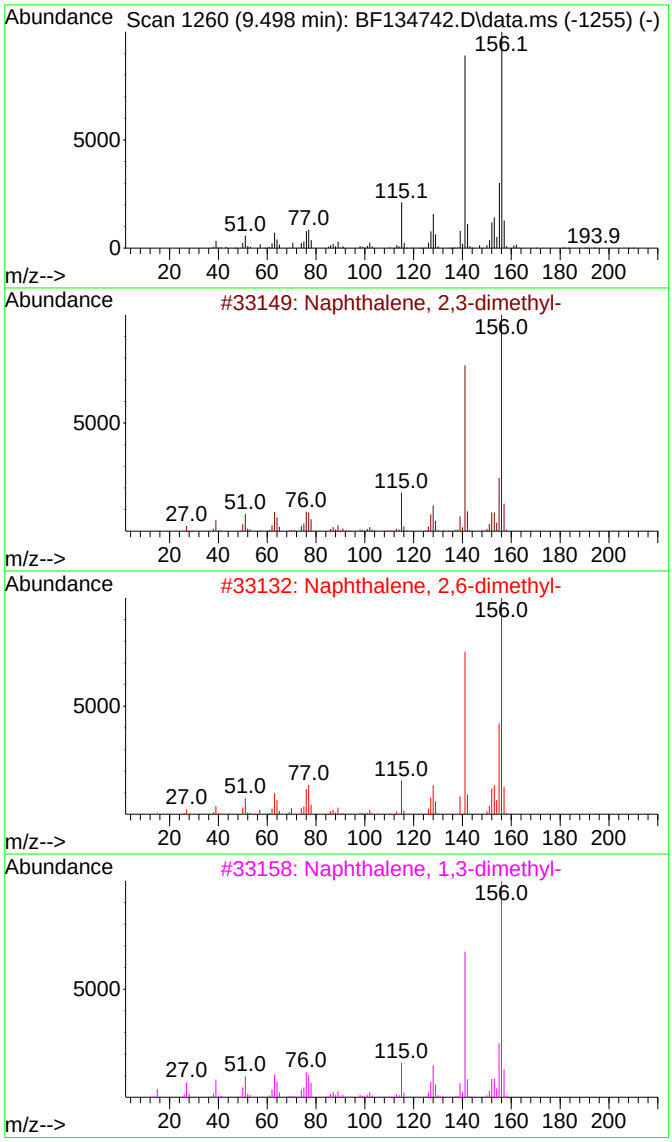
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

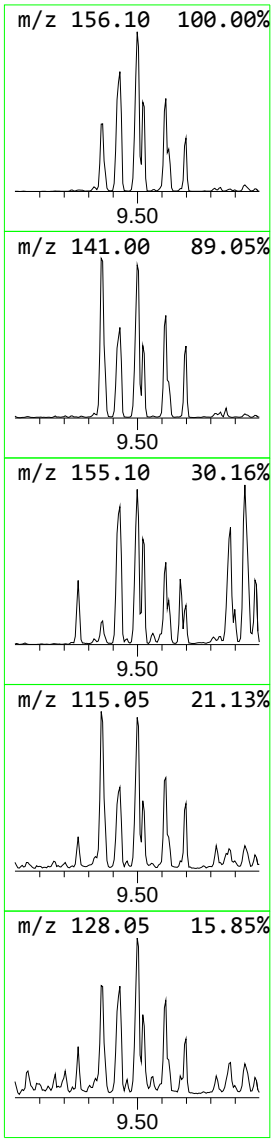
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	35.91 ng	4980750	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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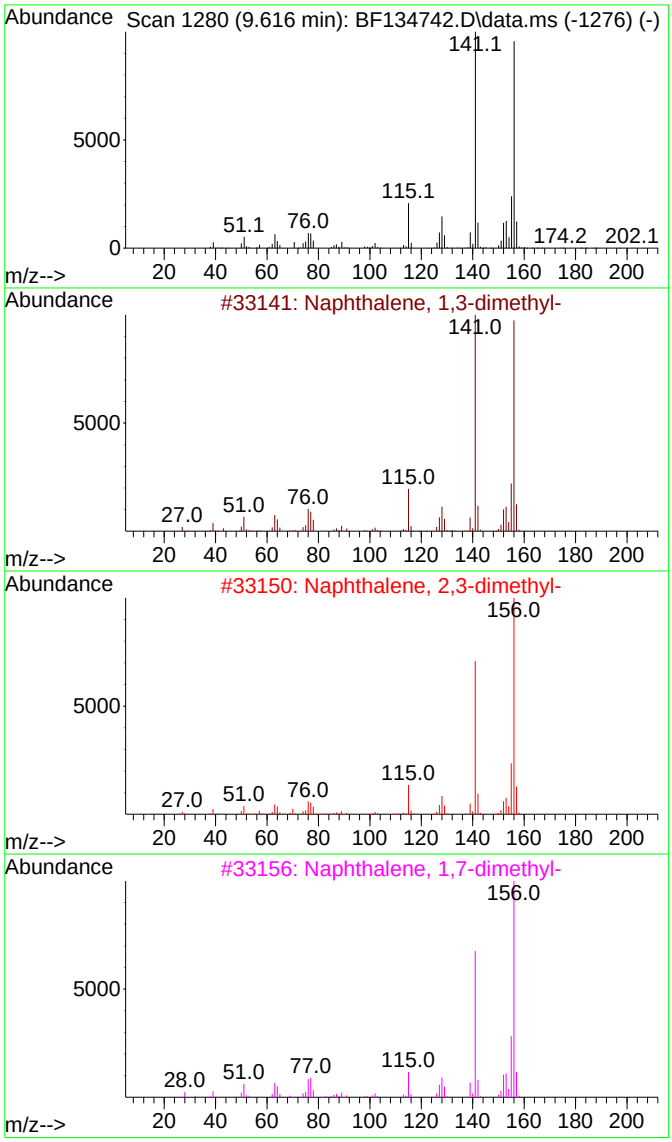
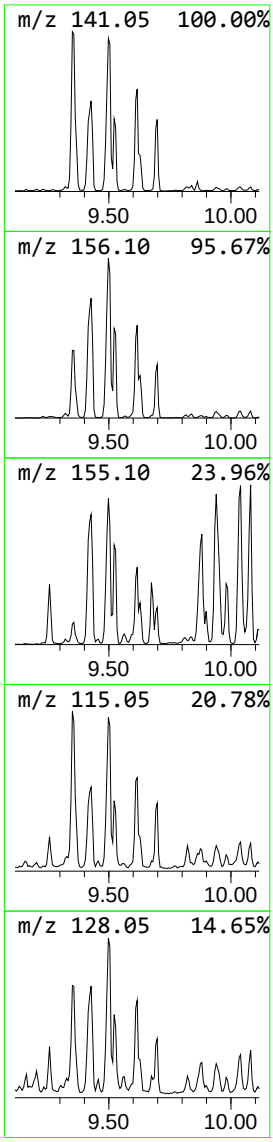
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	19.14 ng	2654620	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z46-47

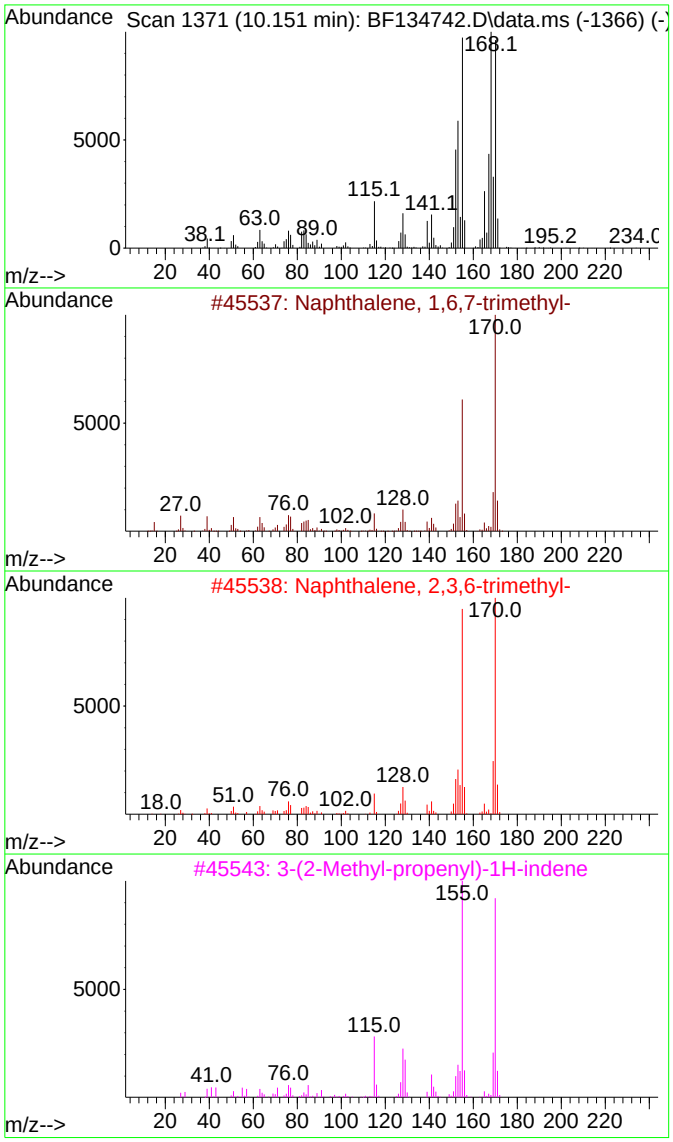
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

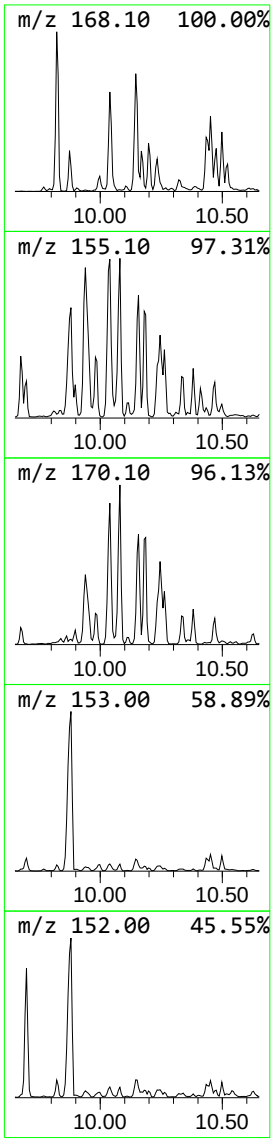
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	13.74 ng	1906110	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46





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Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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

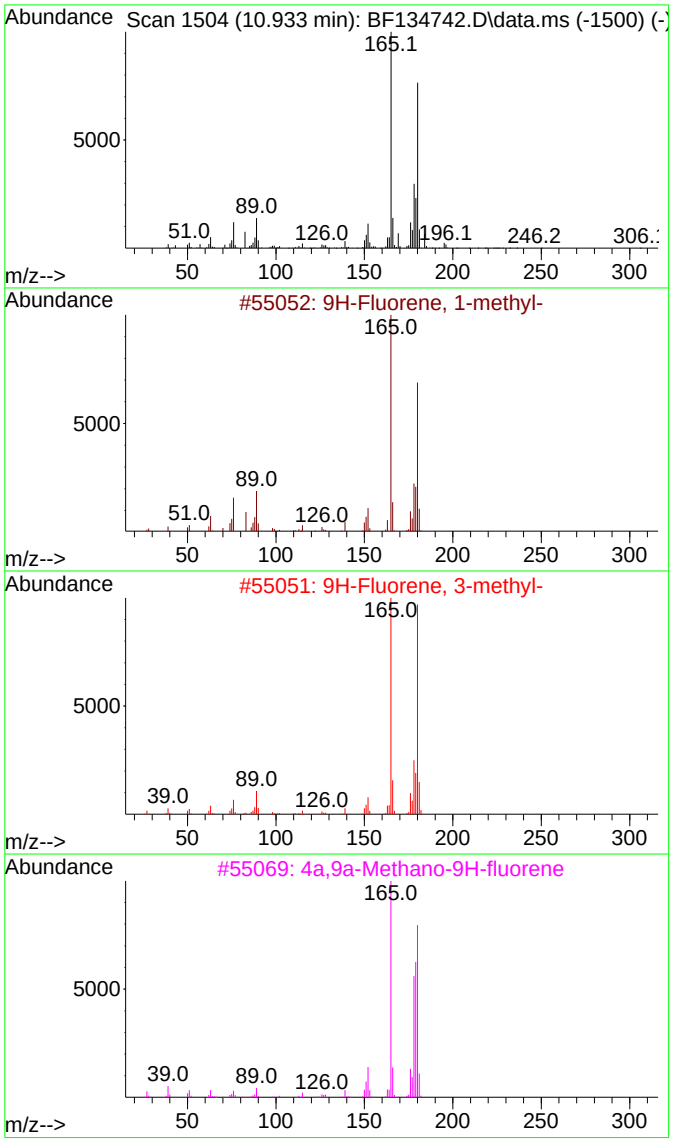
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

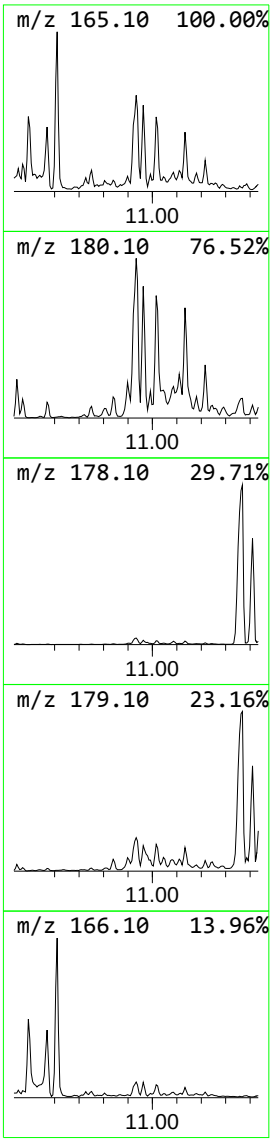
****

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	24.92 ng	1800660	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z46-47

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

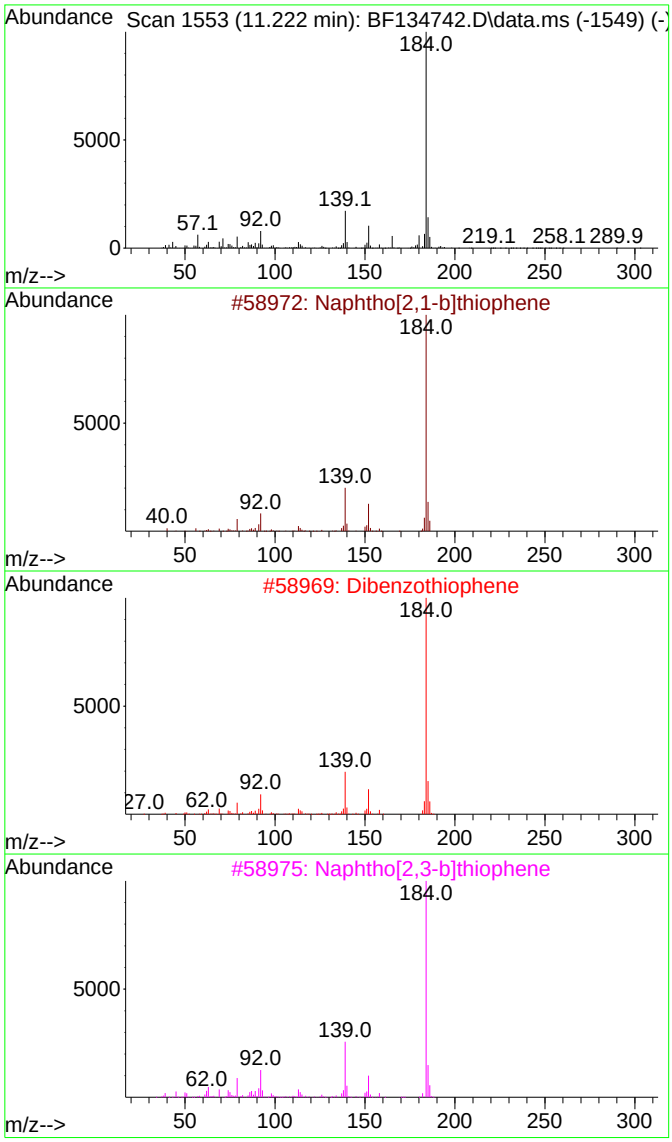
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

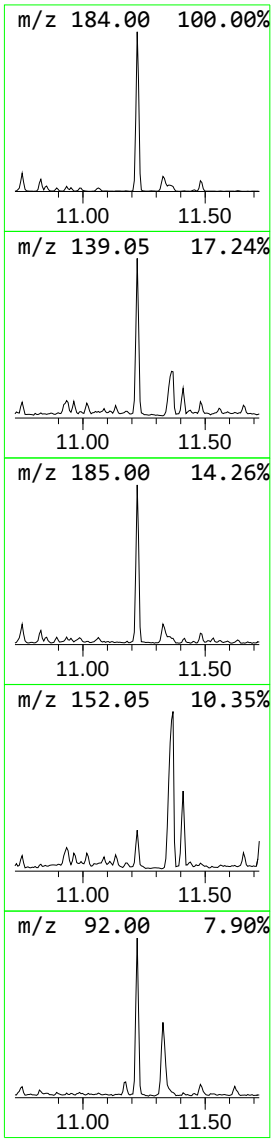
****

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	32.10 ng	2319390	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z46-47

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

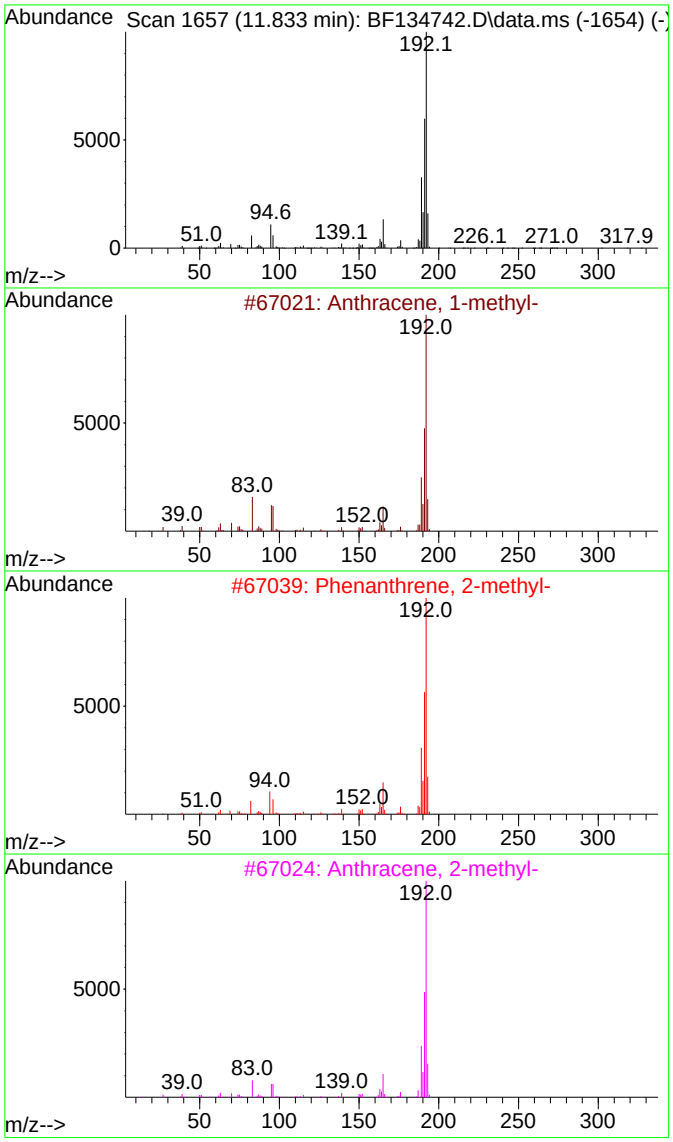
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

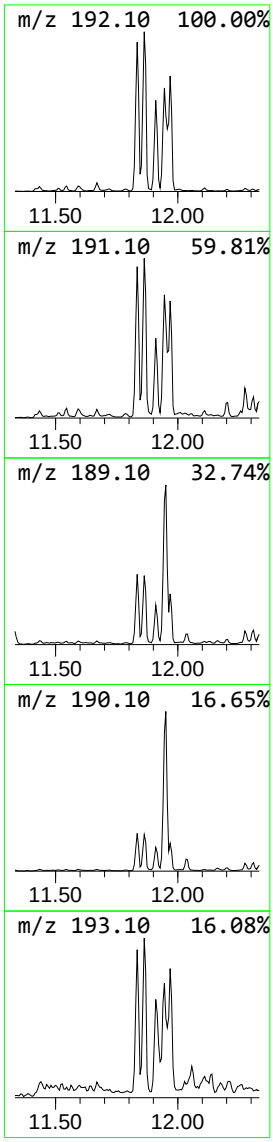
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	40.41 ng	2919550	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z46-47

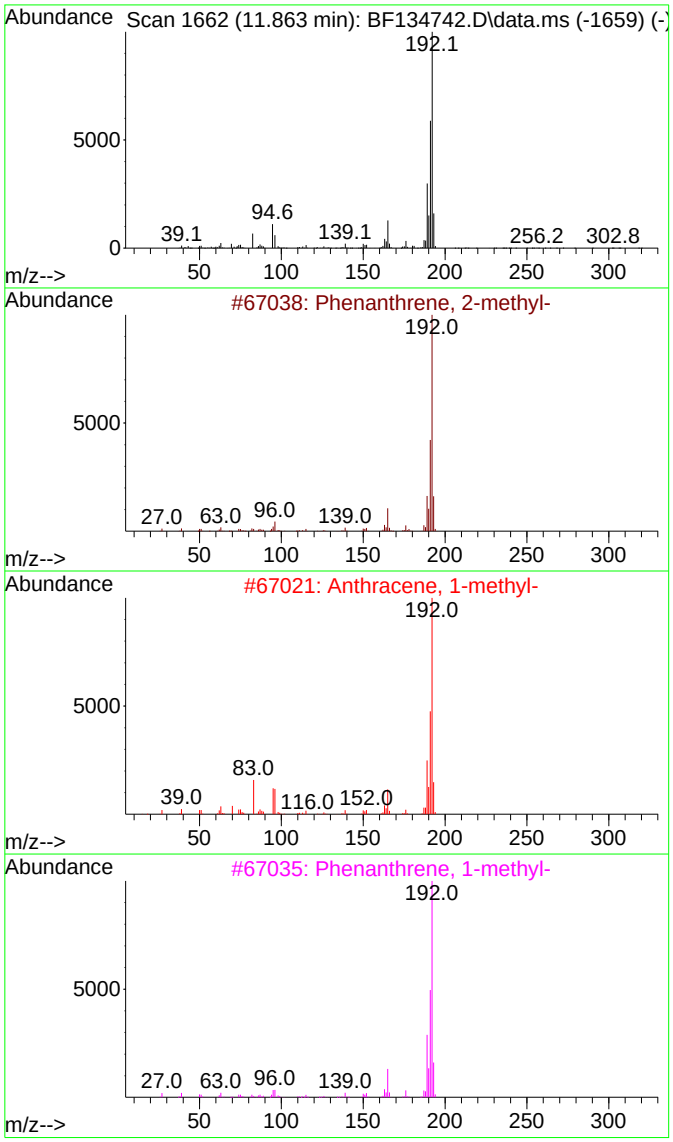
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

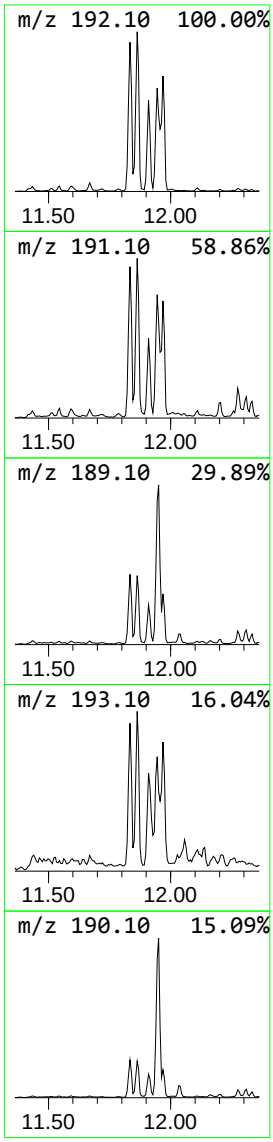
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	44.09 ng	3185740	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : 03958-04
Misc :
ALS Vial : 14 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

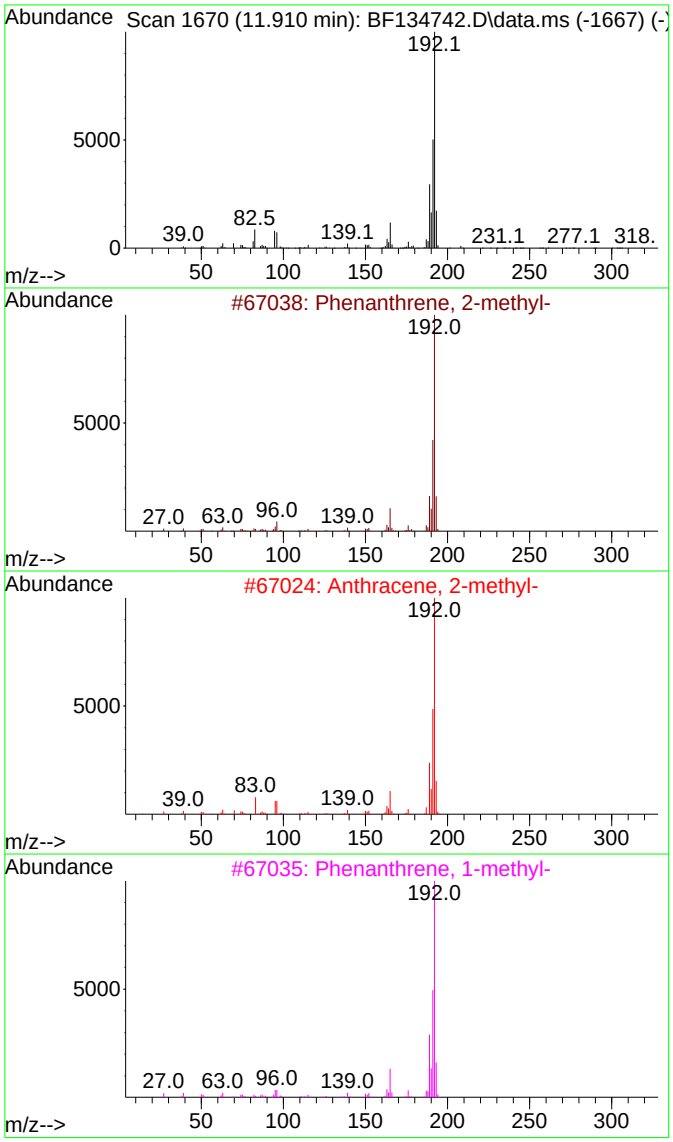
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

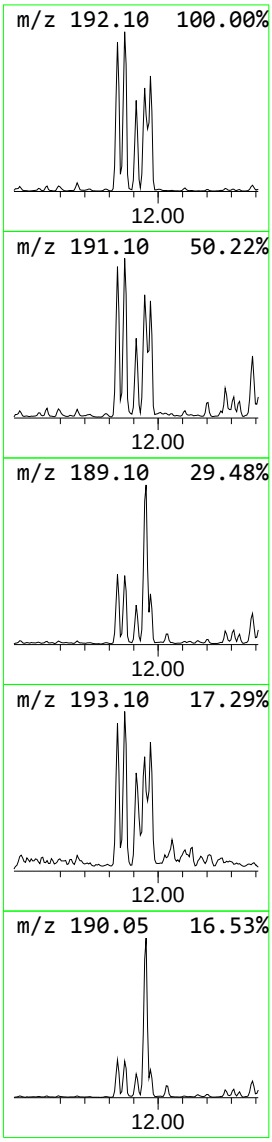
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	22.07 ng	1594630	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z46-47

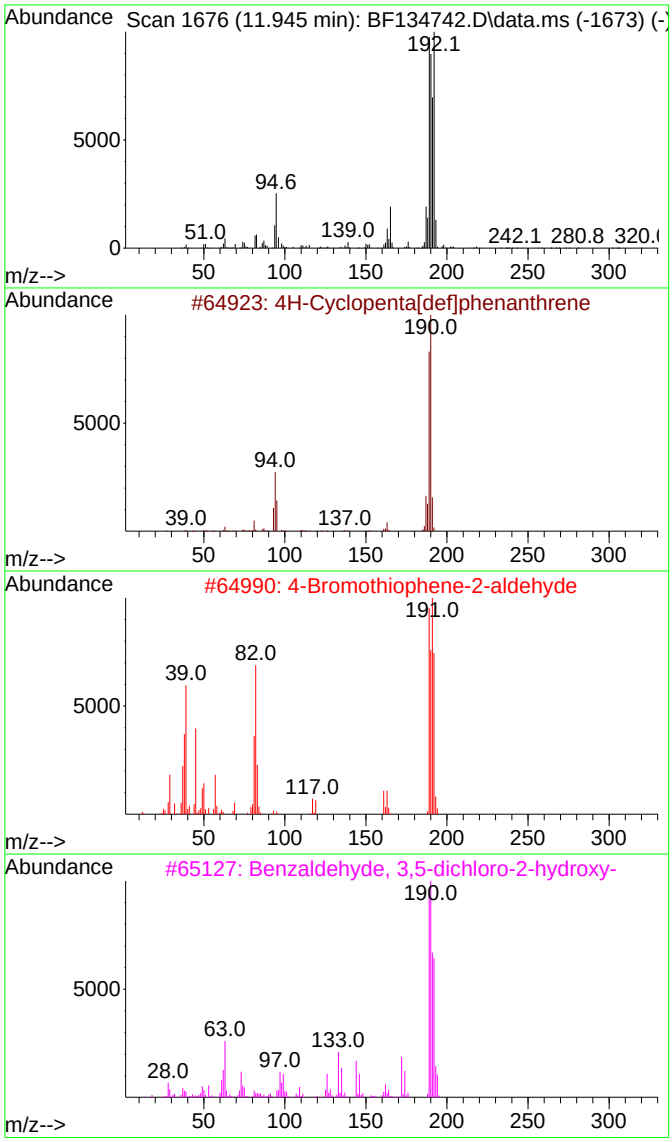
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

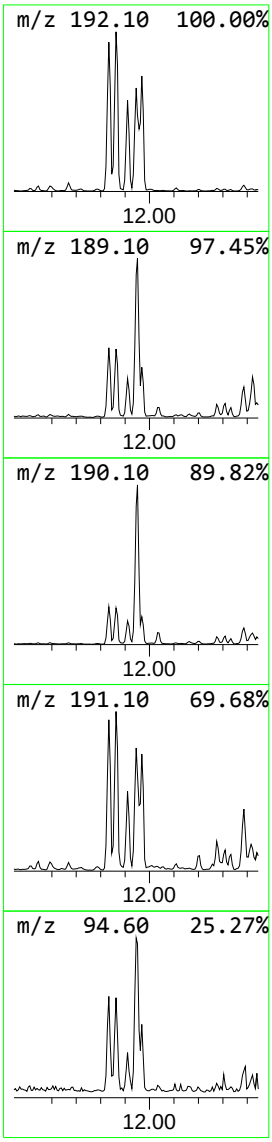
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	64.73 ng	4676420	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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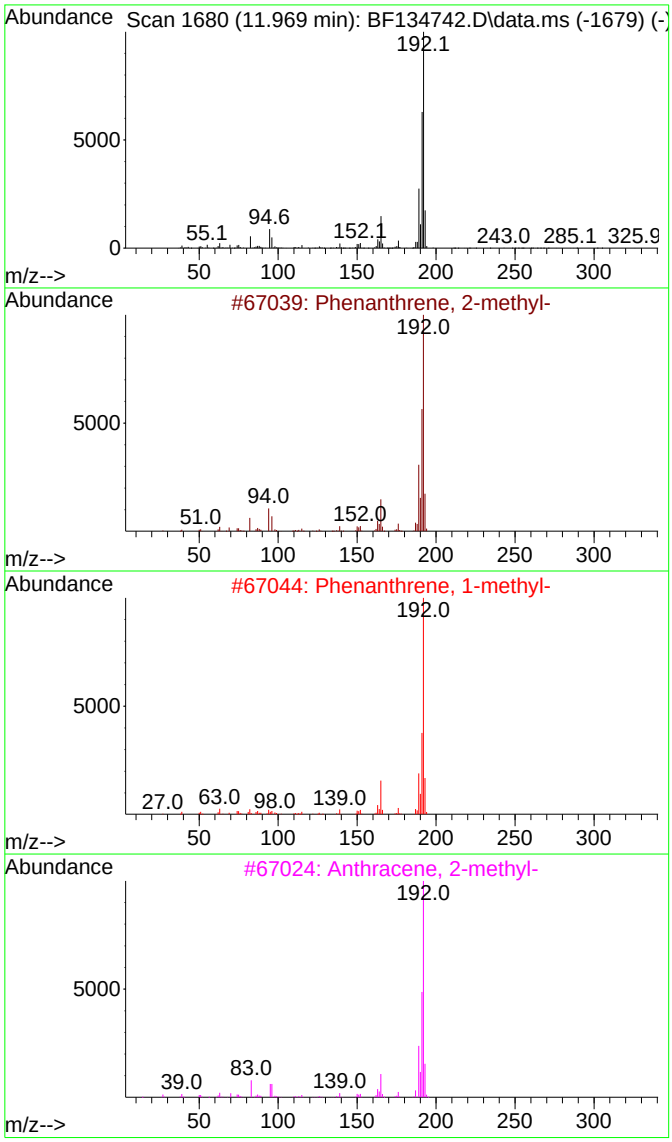
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

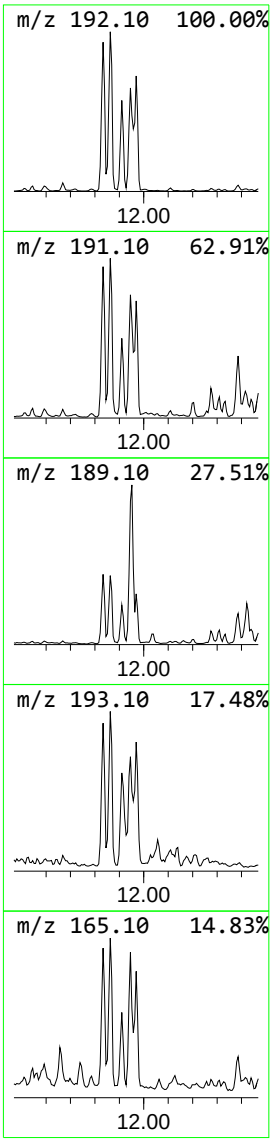
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	21.78 ng	1573730	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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ALS Vial : 14 Sample Multiplier: 1

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

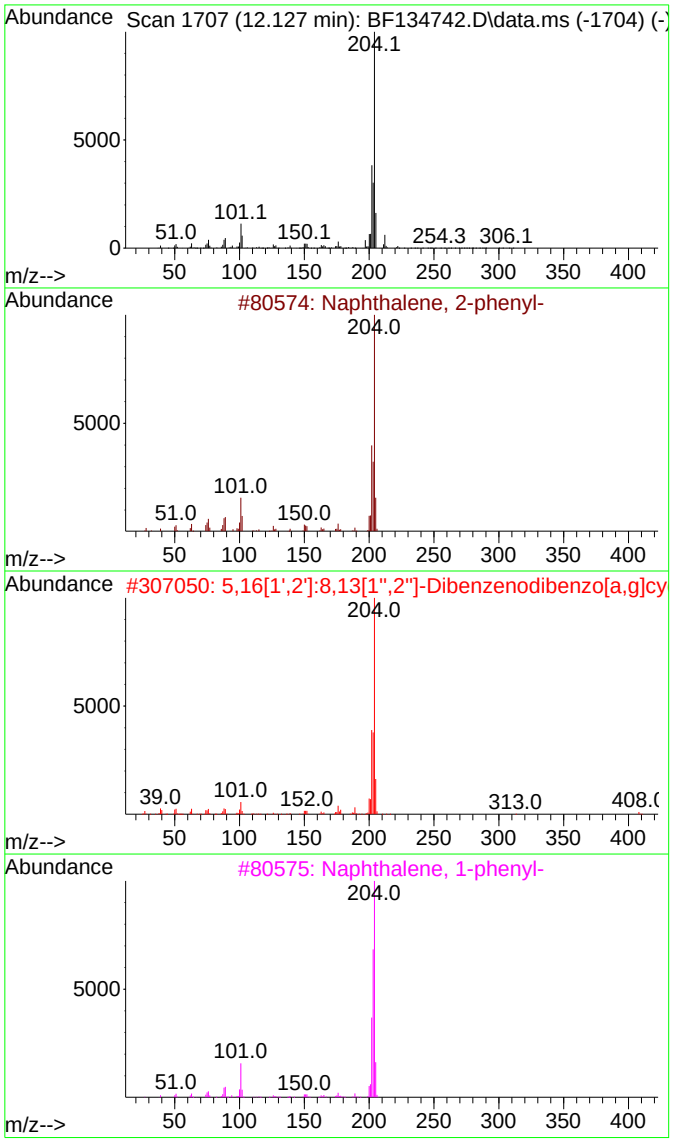
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

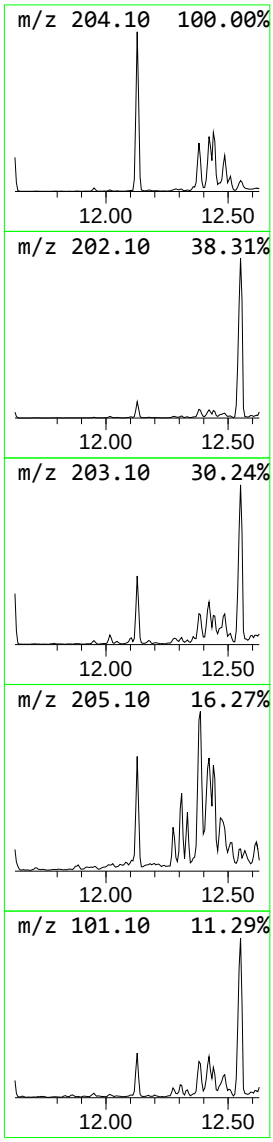
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	17.35 ng	1253690	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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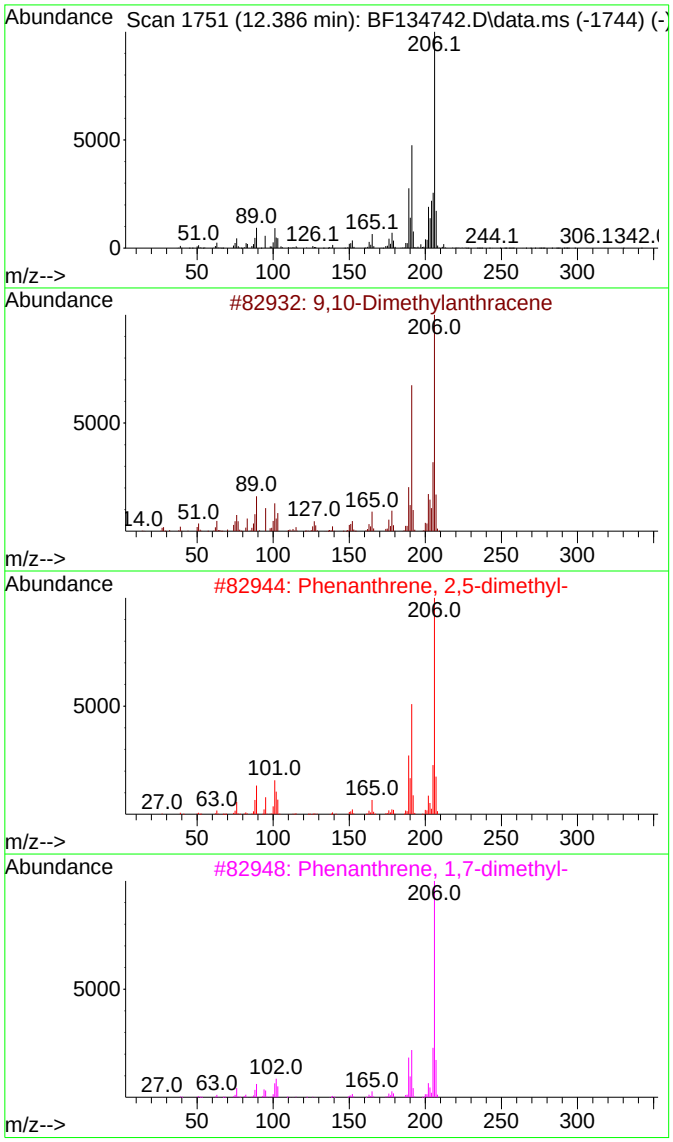
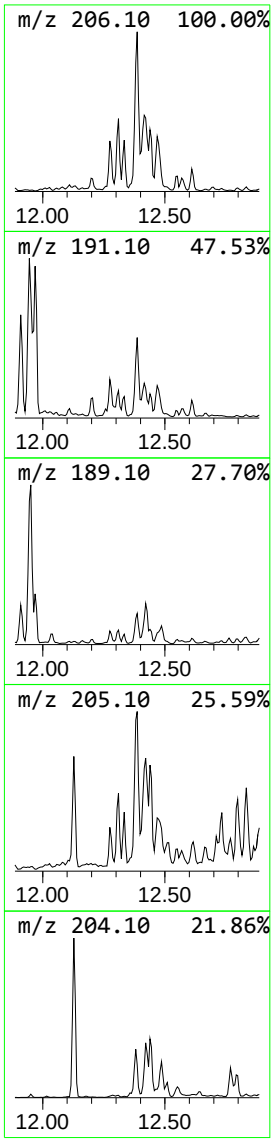
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	34.67 ng	2504610	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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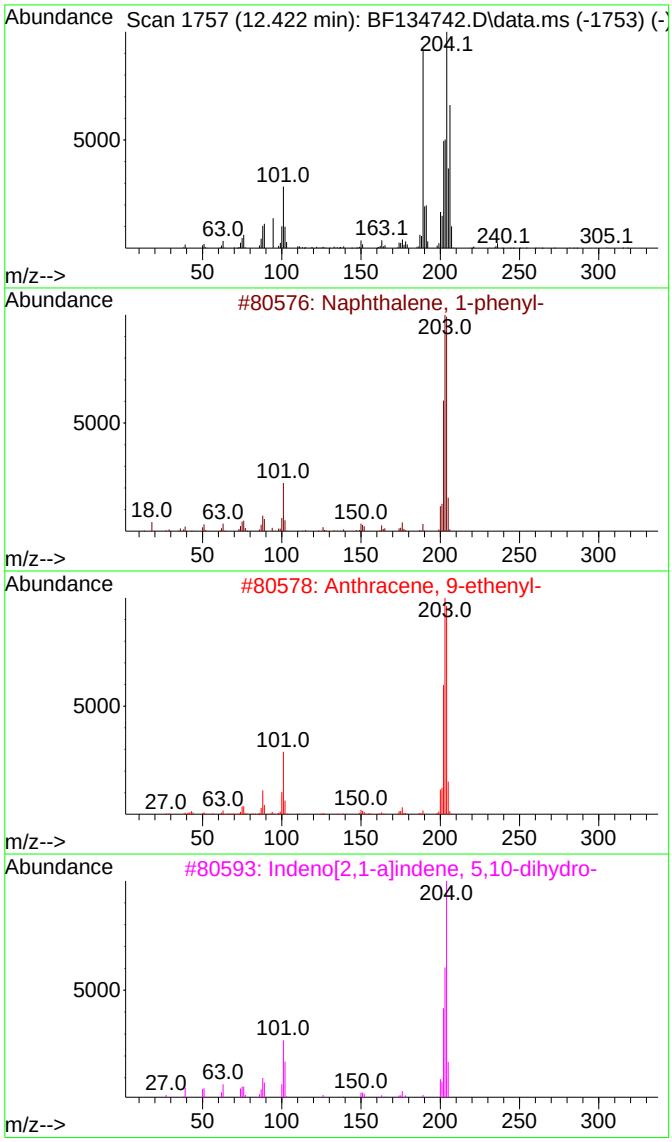
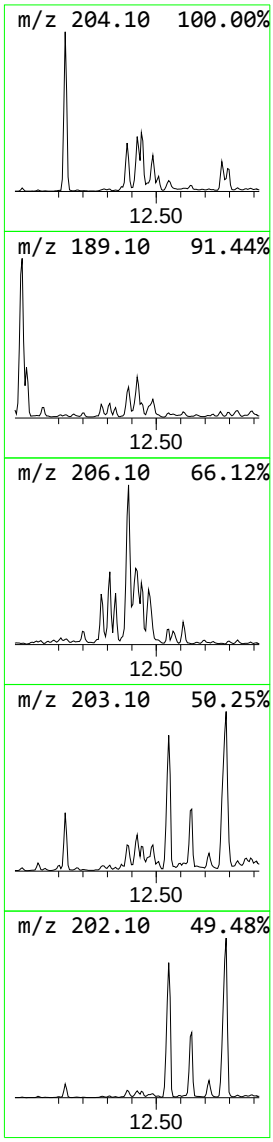
****
Peak Number 16 Naphthalene, 1-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	25.78 ng	1862720	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	47
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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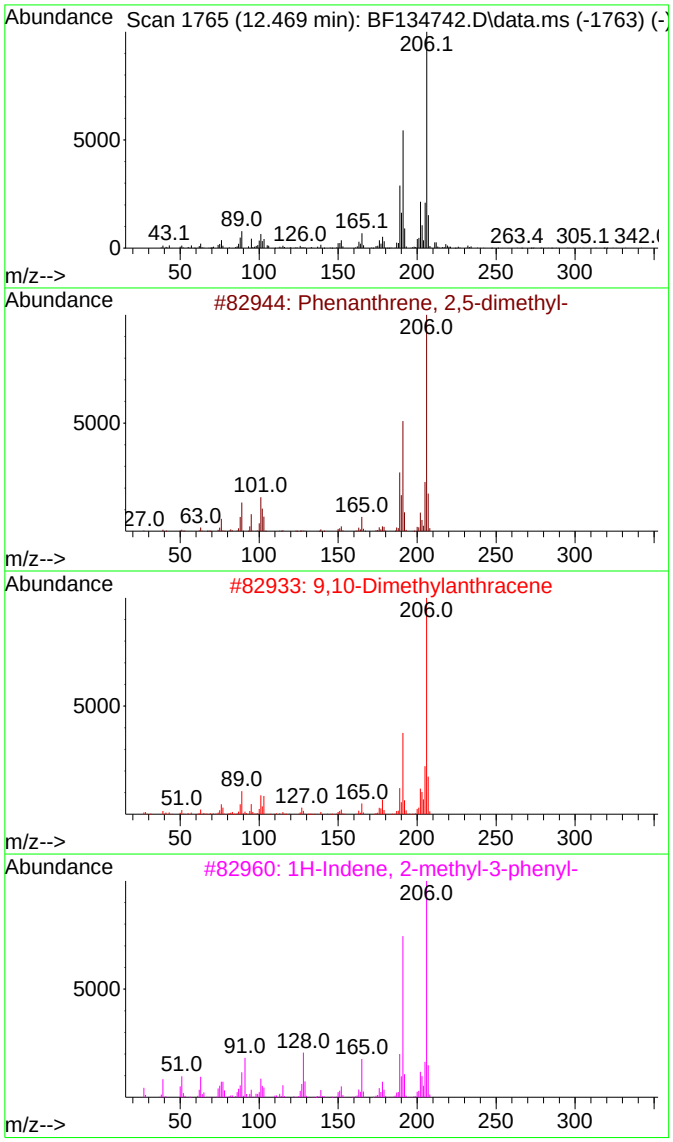
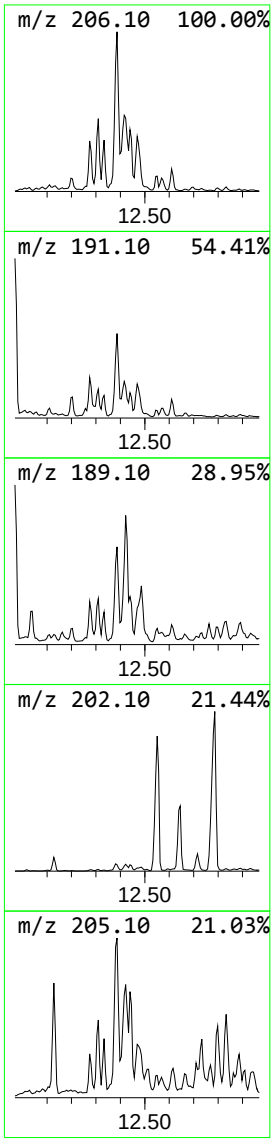
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	15.54 ng	1122510	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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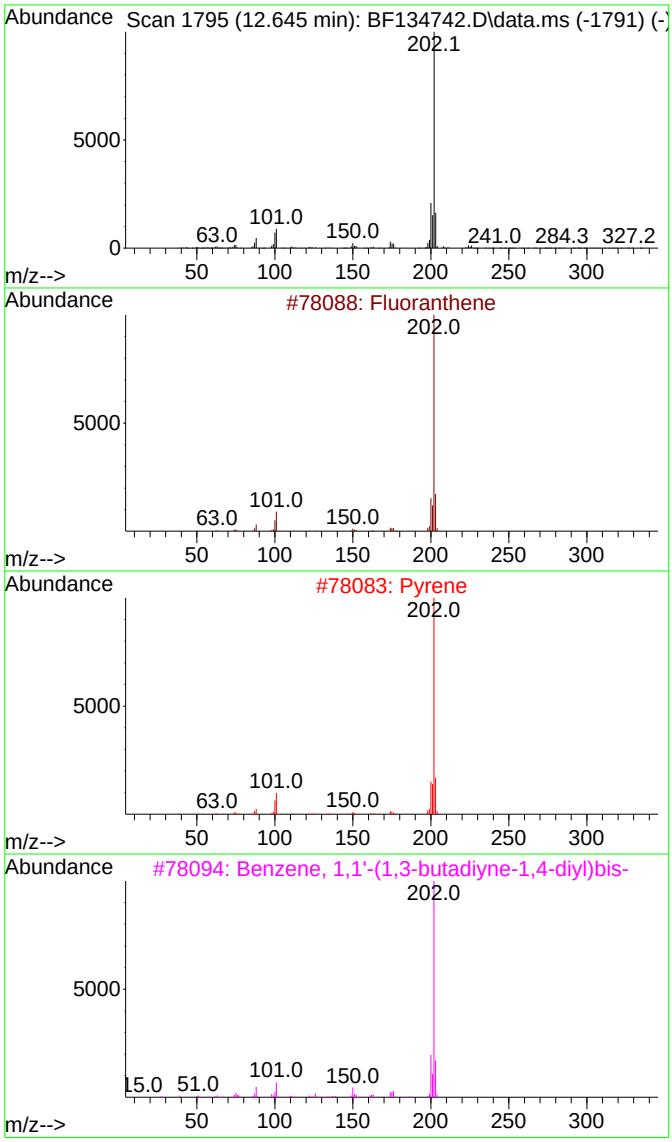
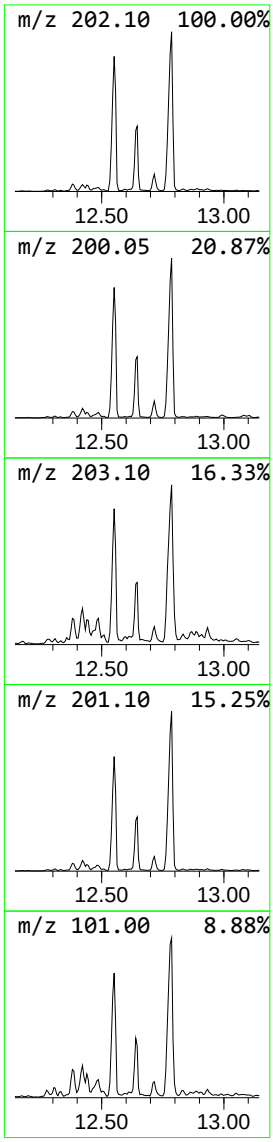
Peak Number 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	27.79 ng	2007560	Phenanthrene-d10	11.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	90
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	l-Leucine, N-methyl-N-(2-methoxy...	457	C26H51NO5	1000328-54-9	33
5	Pyrimidine, 2-phenyl-4-hydroxy-5...	202	C11H10N2O2	085386-21-6	9





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Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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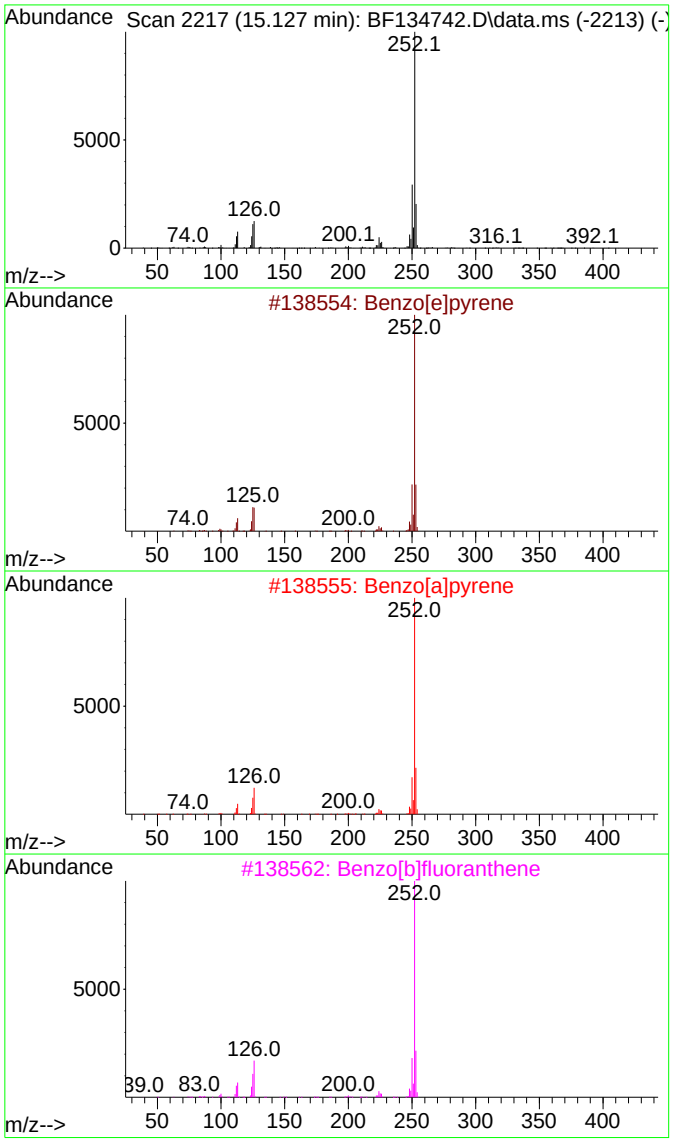
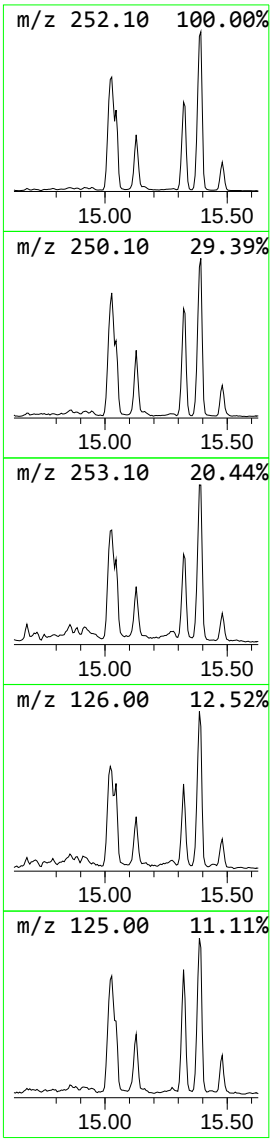
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	21.88 ng	919125	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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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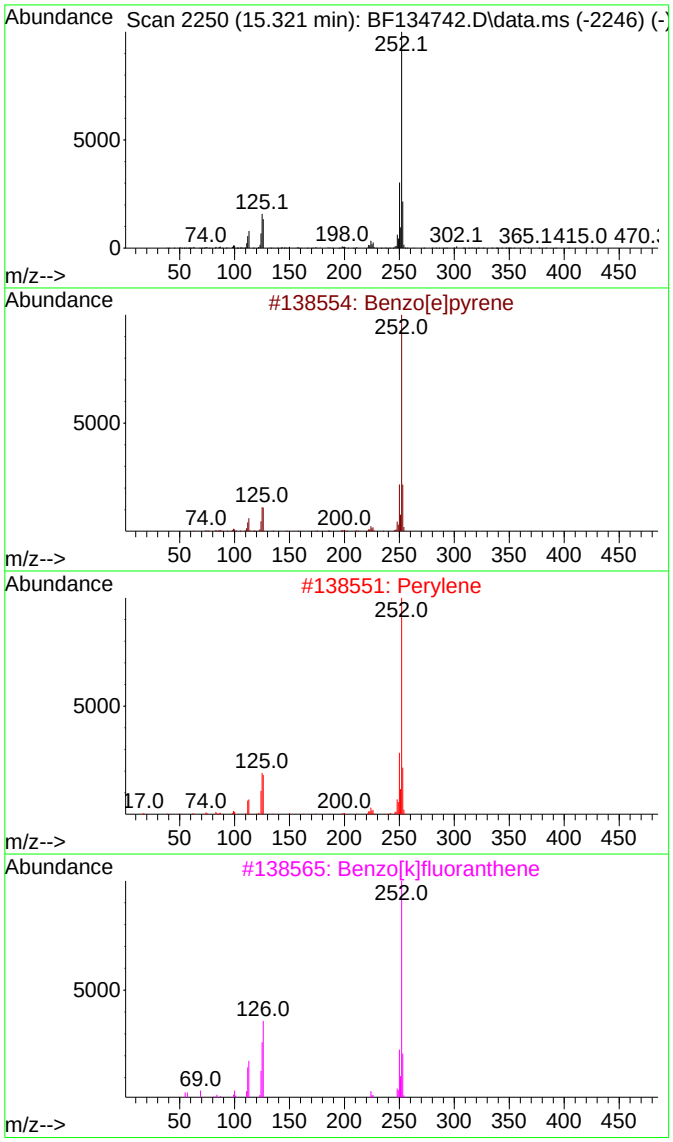
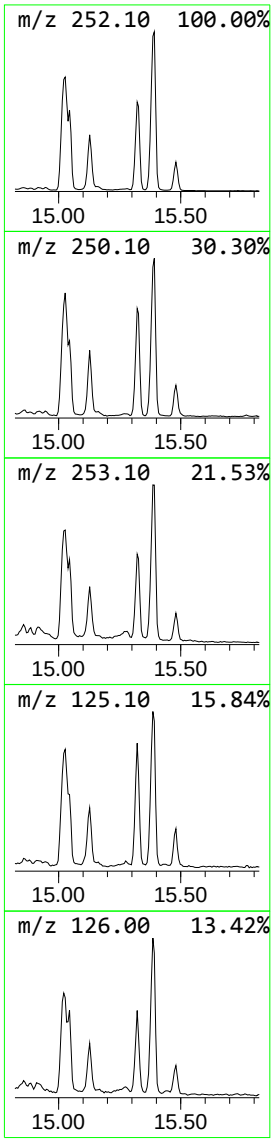
Peak Number 20 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	29.29 ng	1230310	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134742.D
Acq On : 11 Aug 2023 20:18
Operator : CG\JU
Sample : 03958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z46-47

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
Indane	6.981	41.9	ng	2549420	1	6.798	1216500	20.0
Naphthalene, 2-...	9.351	24.1	ng	3347540	3	9.839	2774310	20.0
Naphthalene, 1,...	9.428	30.3	ng	4201250	3	9.839	2774310	20.0
Naphthalene, 2,...	9.498	35.9	ng	4980750	3	9.839	2774310	20.0
Naphthalene, 1,...	9.616	19.1	ng	2654620	3	9.839	2774310	20.0
Naphthalene, 1,...	10.151	13.7	ng	1906110	3	9.839	2774310	20.0
9H-Fluorene, 1-...	10.933	24.9	ng	1800660	4	11.328	1444950	20.0
Naphtho[2,1-b]t...	11.222	32.1	ng	2319390	4	11.328	1444950	20.0
Anthracene, 1-m...	11.833	40.4	ng	2919550	4	11.328	1444950	20.0
Phenanthrene, 2...	11.863	44.1	ng	3185740	4	11.328	1444950	20.0
Anthracene, 2-m...	11.910	22.1	ng	1594630	4	11.328	1444950	20.0
4H-Cyclopenta[d...	11.945	64.7	ng	4676420	4	11.328	1444950	20.0
Phenanthrene, 1...	11.969	21.8	ng	1573730	4	11.328	1444950	20.0
Naphthalene, 2-...	12.127	17.4	ng	1253690	4	11.328	1444950	20.0
9,10-Dimethylan...	12.386	34.7	ng	2504610	4	11.328	1444950	20.0
Naphthalene, 1-...	12.422	25.8	ng	1862720	4	11.328	1444950	20.0
Phenanthrene, 2...	12.469	15.5	ng	1122510	4	11.328	1444950	20.0
Benzene, 1,1'-(...	12.645	27.8	ng	2007560	4	11.328	1444950	20.0
Benzo[e]pyrene	15.127	21.9	ng	919125	6	15.451	840030	20.0
Perylene	15.321	29.3	ng	1230310	6	15.451	840030	20.0