LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

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: BF134589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	561	567	570	rBV	3464225	3409907	88.17%	5.844%
2	6.422	732	737	740	rBV	3335075	3395083	87.79%	5.818%
3	6.622	768	771	776	rBV	111922	95805	2.48%	0.164%
4	6.793	797	800	804	rBV	1220459	1042258	26.95%	1.786%
5	7.351	891	895	898	rBV	2251017	2126530	54.99%	3.644%
6	8.069	1014	1017	1021	rBV	1491387	1335271	34.53%	2.288%
7	8.828	1143	1146	1149	rVV	95992	87342	2.26%	0.150%
8	9.151	1197	1201	1204	rVB	4322314	3453603	89.30%	5.919%
9	9.251	1210	1218	1219	rBV2	83776	114108	2.95%	0.196%
10	9.269	1219	1221	1225	rVB	828606	735991	19.03%	1.261%
11	9.410	1239	1245	1250	rBV	199499	292047	7.55%	0.500%
12	9.487	1254	1258	1260	rVV	303314	282755	7.31%	0.485%
13	9.510	1260	1262	1265	rVB	226207	168530	4.36%	0.289%
14	9.604	1274	1278	1279	rBV	153987	132212	3.42%	0.227%
15	9.687	1287	1292	1296	rBV2	116022	115286	2.98%	0.198%
16	9.828	1310	1316	1318	rBV	1495328	1346588	34.82%	2.308%
17	9.857	1318	1321	1325	rVB	1318246	1070035	27.67%	1.834%
18	9.928	1330	1333	1338	rBV	105364	147238	3.81%	0.252%
19	9.987	1338	1343	1345	rBV2	123935	145539	3.76%	0.249%
20	10.028	1347	1350	1354	rVB	697869	601075	15.54%	1.030%
21	10.069	1354	1357	1359	rBV	180023	142304	3.68%	0.244%
22	10.145	1366	1370	1372	rBV	150422	142177	3.68%	0.244%
23	10.175	1372	1375	1377	rVB	133983	109811	2.84%	0.188%
24	10.234	1381	1385	1387	rBV	141671	157299	4.07%	0.270%
25	10.334	1399	1402	1406	rVB3	83783	105064	2.72%	0.180%
26	10.375	1406	1409	1412	rBV	1163292	969268	25.06%	1.661%
27	10.439	1418	1420	1422	rVB	152010	93892	2.43%	0.161%
28	10.463	1422	1424	1426	rVB	211207	161881	4.19%	0.277%
29	10.486	1426	1428	1430	rBV	110493	89472	2.31%	0.153%
30	10.534	1433	1436	1441	rVB	439279	405525	10.49%	0.695%
31	10.616	1446	1450	1454	rVB	2277552	2106027	54.46%	3.609%
32	10.663	1454	1458	1462	rVB2	107675	133909	3.46%	0.229%
33	10.734	1466	1470	1477	rVB3	338433	447612	11.57%	0.767%
34	10.922	1496	1502	1505	rBV3	292379	415487	10.74%	0.712%
35	10.951	1505	1507	1510	rVV2	167596	156820	4.06%	0.269%
36	11.004	1513	1516	1519	rVB3	128866	145204	3.75%	0.249%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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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	11.051	1519	1524	1526	rBV3	202204	254071	6.57%	0.435%
38	11.075	1526	1528	1530	rVV	259001	232195	6.00%	0.398%
39	11.116	1533	1535	1540	rVV2	236873	235874	6.10%	0.404%
40	11.163	1540	1543	1547	rVV3	238096	340843	8.81%	0.584%
41	11.210	1549	1551	1557	rVB	507055	456558	11.81%	0.782%
42	11.316	1565	1569	1571	rBV	1167888	1173599	30.35%	2.011%
43	11.345	1571	1574	1577	rVV	4275621	3867224	100.00%	6.628%
44	11.386	1577	1581	1584	rVB	808187	765807	19.80%	1.312%
45	11.422	1584	1587	1590	rBV2	122465	112259	2.90%	0.192%
46	11.528	1601	1605	1606	rBV2	89012	103909	2.69%	0.178%
47	11.545	1606	1608	1610	rVV	128424	108411	2.80%	0.186%
48	11.569	1610	1612	1618	rVB2	96157	122988	3.18%	0.211%
49	11.616	1618	1620	1623	rBV2	138837	119842	3.10%	0.205%
50	11.645	1623	1625	1628	rVV2	151170	107158	2.77%	0.184%
51	11.728	1636	1639	1642	rVB	120031	121611	3.14%	0.208%
52	11.816	1651	1654	1657	rBV	631243	592957	15.33%	1.016%
53	11.845	1657	1659	1664	rVV	904503	939511	24.29%	1.610%
54	11.892	1664	1667	1670	rVV	277149	231612	5.99%	0.397%
55	11.928	1670	1673	1676	rVV	1033548	1064191	27.52%	1.824%
56	11.951	1676	1677	1680	rVB	345964	190132	4.92%	0.326%
57	12.116	1702	1705	1707	rBV	464549	389399	10.07%	0.667%
58	12.133	1707	1708	1712	rVB2	292254	206979	5.35%	0.355%
59	12.263	1724	1730	1733	rBV2	143770	155042	4.01%	0.266%
60	12.292	1733	1735	1737	rVV	170577	139905	3.62%	0.240%
61	12.316	1737	1739	1742	rVB	108886	87863	2.27%	0.151%
62	12.369	1744	1748	1751	rBV	284755	305962	7.91%	0.524%
63	12.404	1751	1754	1756	rVV	174713	196146	5.07%	0.336%
64	12.428	1756	1758	1760	rVV2	146052	126527	3.27%	0.217%
65	12.451	1760	1762	1767	rVB2	264018	258024	6.67%	0.442%
66	12.533	1772	1776	1779	rBV	4194192	3864405	99.93%	6.623%
67	12.580	1779	1784	1790	rBV4	119090	181271	4.69%	0.311%
68	12.680	1799	1801	1805	rVB	170342	149639	3.87%	0.256%
69	12.763	1809	1815	1818	rBV2	2648600	3267531	84.49%	5.600%
70	12.810	1820	1823	1828	rVB2	168505	225072	5.82%	0.386%
71	12.880	1831	1835	1836	rBV	180084	168708	4.36%	0.289%
72	12.910	1836	1840	1843	rVV	3447939	2872077	74.27%	4.922%
73	12.980	1846	1852	1855	rBV2	247063	399692	10.34%	0.685%
74	13.063	1863	1866	1868	rBV2	163285	193146	4.99%	0.331%
75	13.086	1868	1870	1873	rVB	521535	446244	11.54%	0.765%
76	13.157	1879	1882	1884	rVB	418047	356132	9.21%	0.610%

LSC Area Percent Report

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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.192	1884	1888	1890	rBV	301492	309722	8.01%	0.531%
78	13.216	1890	1892	1895	rVB	105757	101437	2.62%	0.174%
79	13.280	1900	1903	1906	rVB	125823	115739	2.99%	0.198%
80	13.316	1906	1909	1913	rBV3	145931	160693	4.16%	0.275%
81	13.592	1950	1956	1961	rBV2	183661	248319	6.42%	0.426%
82	13.704	1971	1975	1978	rBV2	305624	349486	9.04%	0.599%
83	13.739	1978	1981	1982	rVV	182473	149159	3.86%	0.256%
84	13.757	1982	1984	1988	rVV2	137576	178998	4.63%	0.307%
85	13.798	1988	1991	1993	rVV2	158483	189241	4.89%	0.324%
86	13.822	1993	1995	1999	rVB	325073	309683	8.01%	0.531%
87	13.874	2002	2004	2011	rVB	88869	95887	2.48%	0.164%
88	13.957	2011	2018	2021	rBV2	1323571	1976428	51.11%	3.387%
89	13.986	2021	2023	2025	rVB	684852	497818	12.87%	0.853%
90	14.345	2080	2084	2087	rBV	130048	151367	3.91%	0.259%
91	14.463	2101	2104	2113	rVB5	131180	297527	7.69%	0.510%
92	14.610	2126	2129	2133	rBV5	69359	135069	3.49%	0.231%
93	14.651	2133	2136	2139	rVV2	95396	111313	2.88%	0.191%
94	14.739	2147	2151	2158	rVB3	142342	294727	7.62%	0.505%
95	14.904	2177	2179	2183	rVB3	91581	85727	2.22%	0.147%
96	14.992	2190	2194	2197	rBV	301163	429645	11.11%	0.736%
97	15.127	2215	2217	2224	rVB5	79560	107431	2.78%	0.184%
98	15.298	2242	2246	2252	rVB	163529	207519	5.37%	0.356%
99	15.357	2252	2256	2261	rBV	175460	214437	5.54%	0.367%
100	15.421	2263	2267	2271	rBV	535457	624303	16.14%	1.070%

Sum of corrected areas: 58351146

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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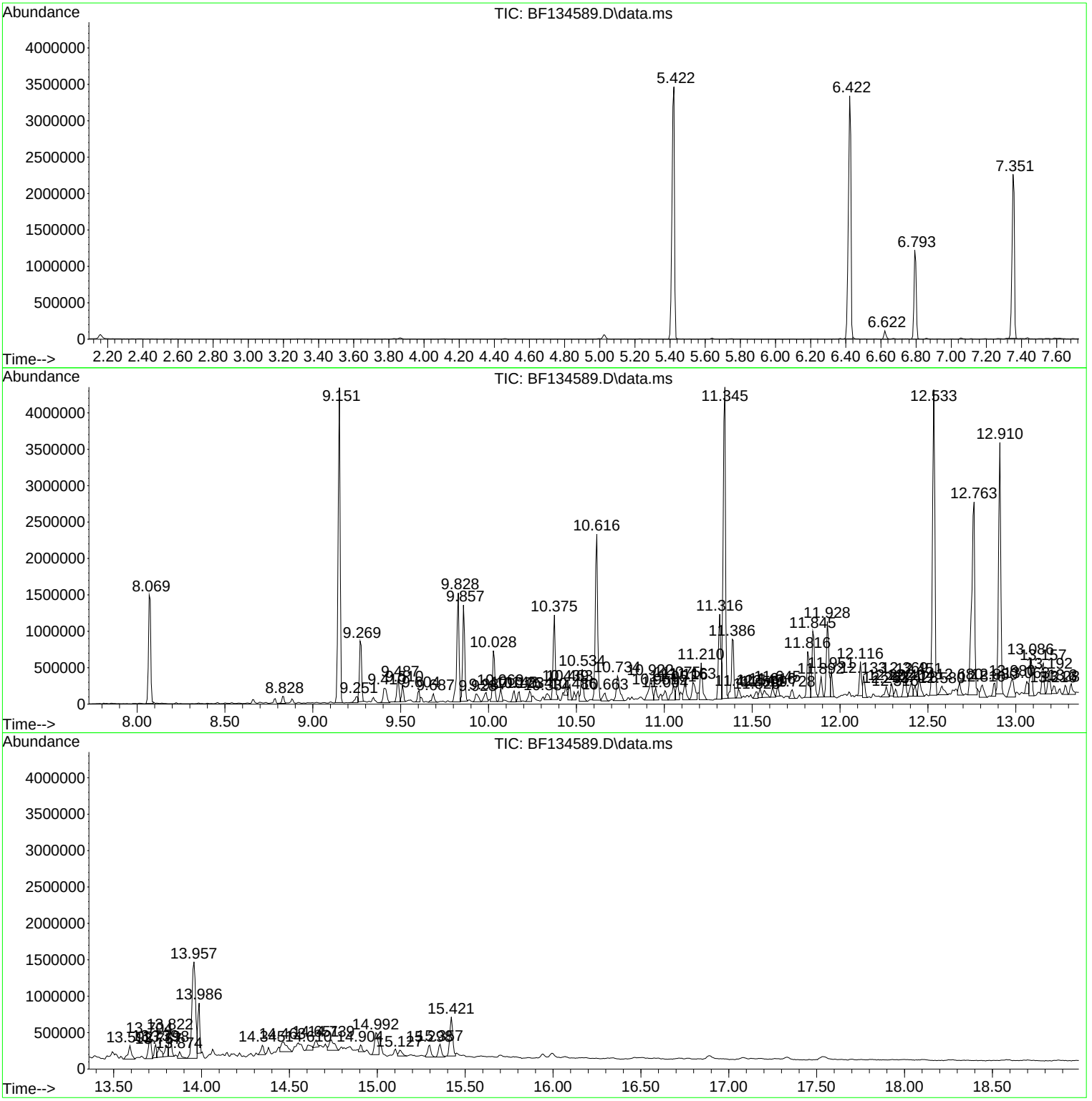
ClientSampleId :
350

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\BF080223\
Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
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Instrument :
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ClientSampleId :
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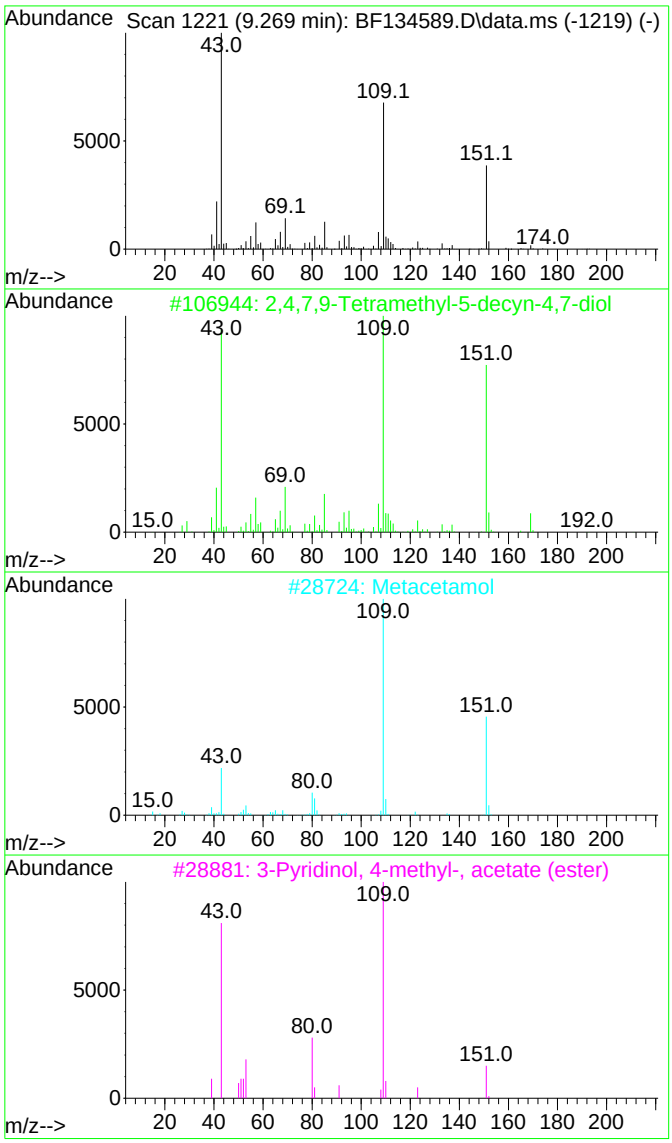
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

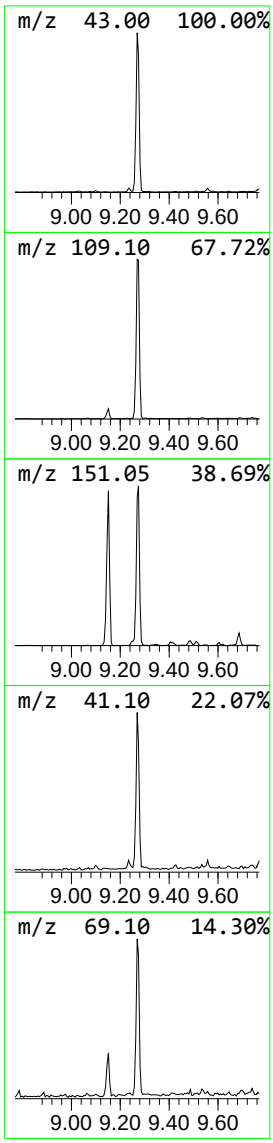
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	10.93 ng	735991	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	42
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	27





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Misc :
ALS Vial : 20 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

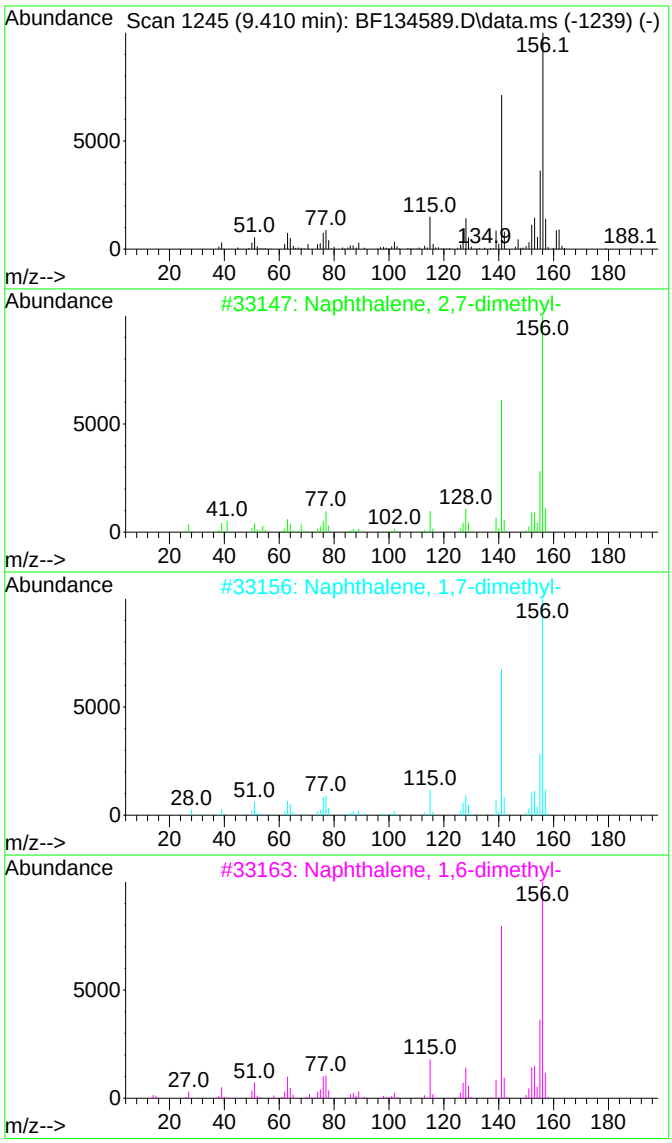
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

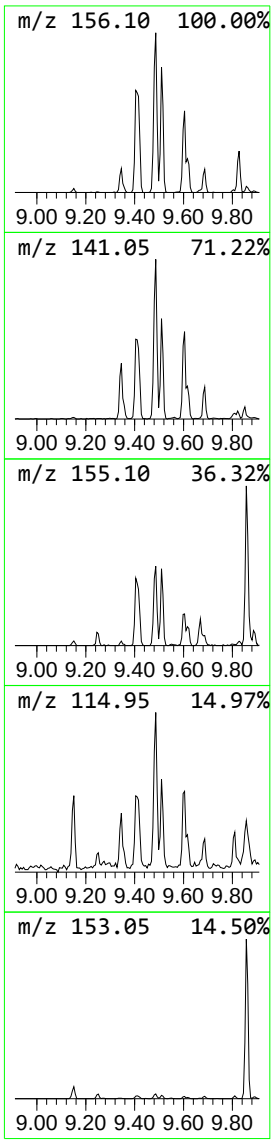
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	4.34 ng	292047	Acenaphthene-d10	9.828

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
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Sample : 03842-04
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ALS Vial : 20 Sample Multiplier: 1

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

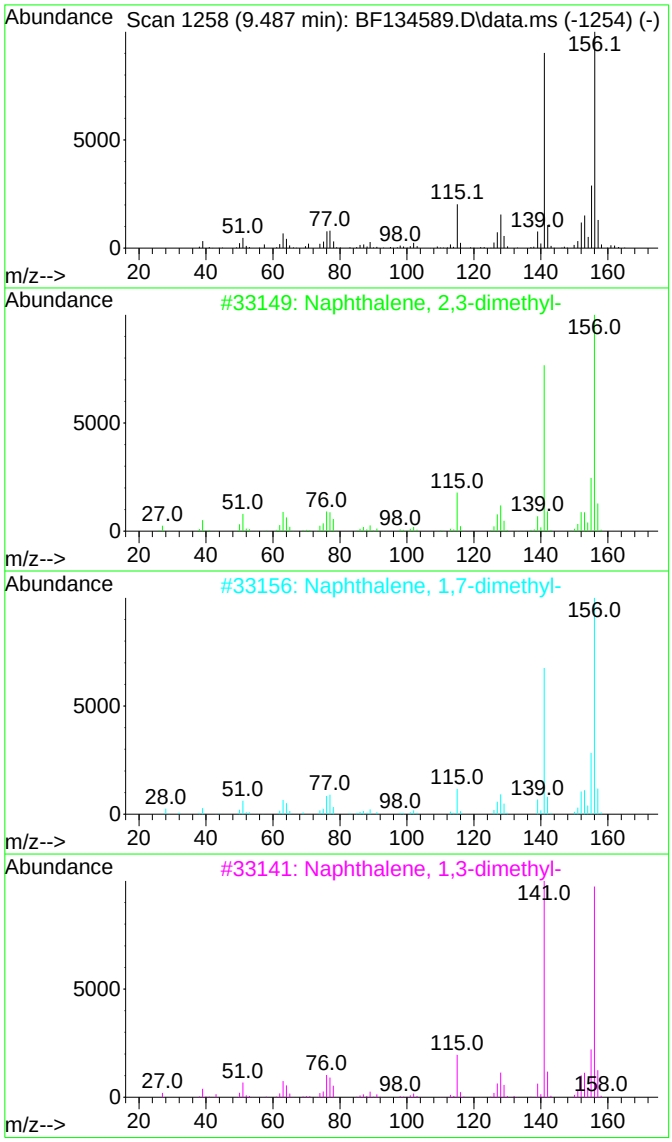
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

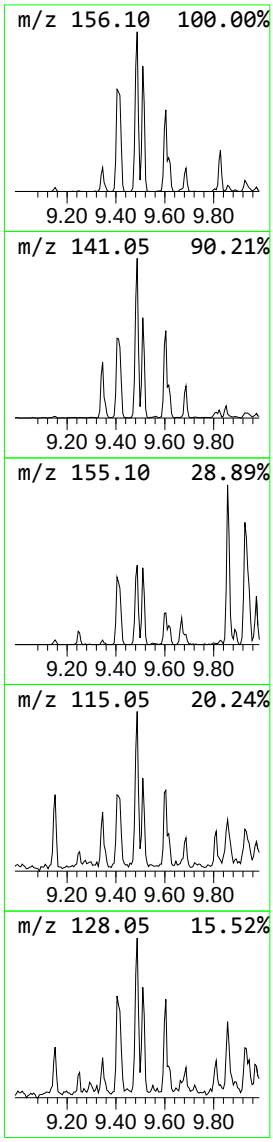
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	4.20 ng	282755	Acenaphthene-d10	9.828

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	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 02 Aug 2023 20:10
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Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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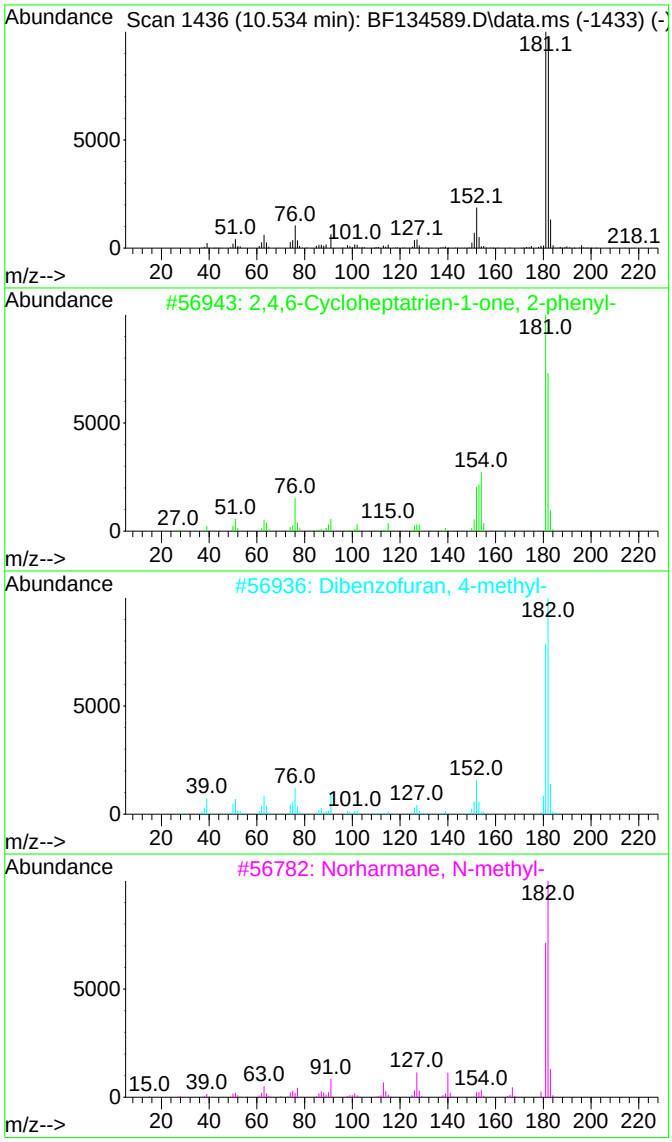
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

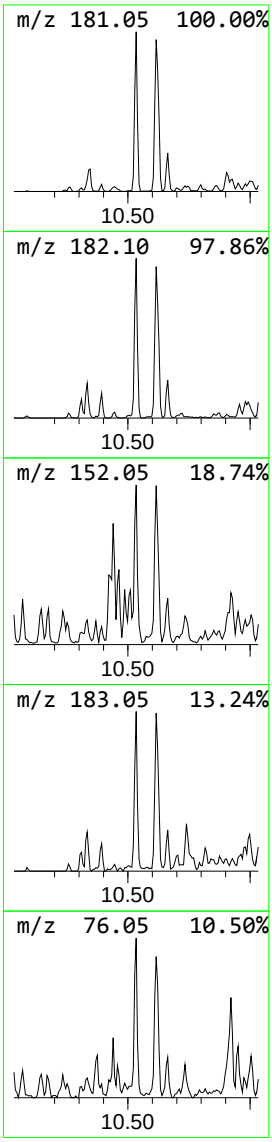
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	6.02 ng	405525	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78





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Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

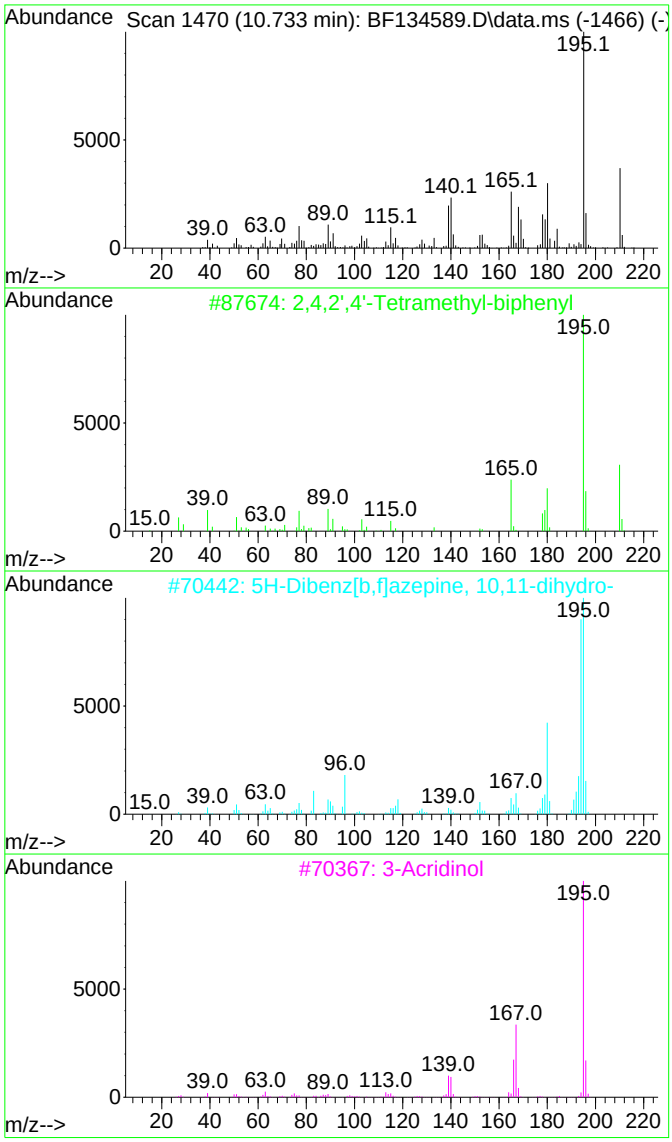
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

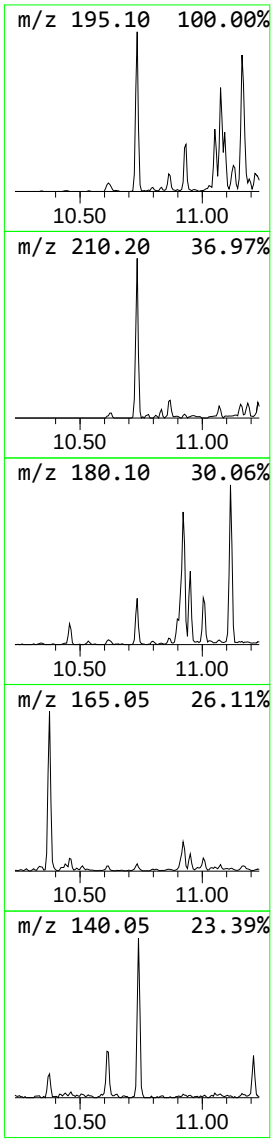
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	7.63 ng	447612	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	64
2	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	49
3	3-Acridinol	195	C13H9NO	007132-70-9	46
4	4-Cyano-4'-hydroxybiphenyl	195	C13H9NO	019812-93-2	43
5	2',4',5'-Trimethoxyacetophenone	210	C11H14O4	1000433-06-4	43





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

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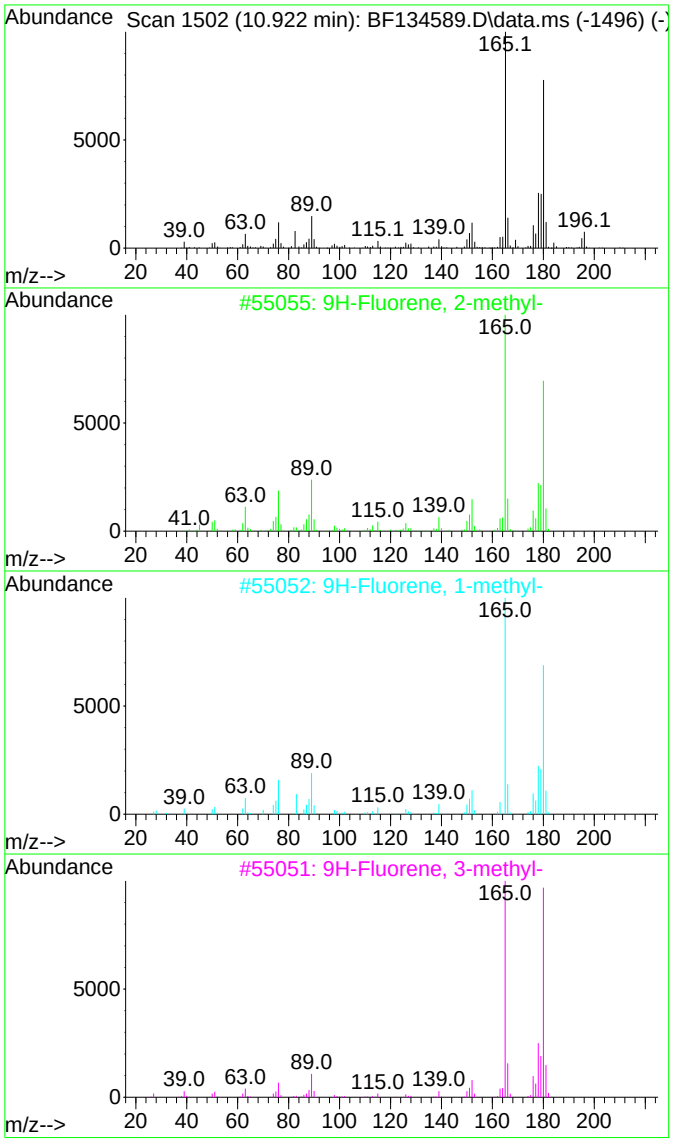
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

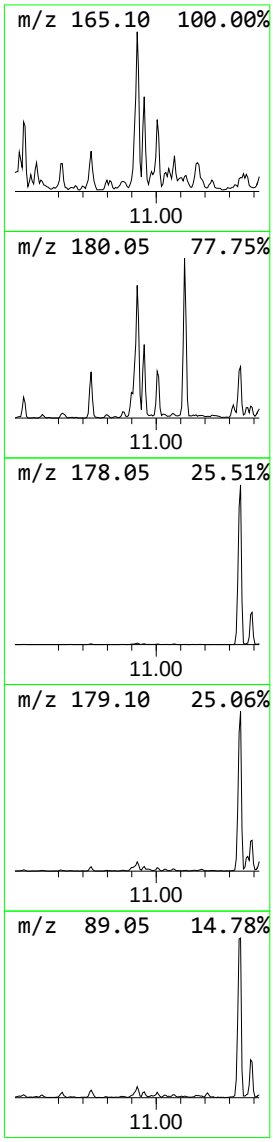
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	7.08 ng	415487	Phenanthrene-d10	11.316

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





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Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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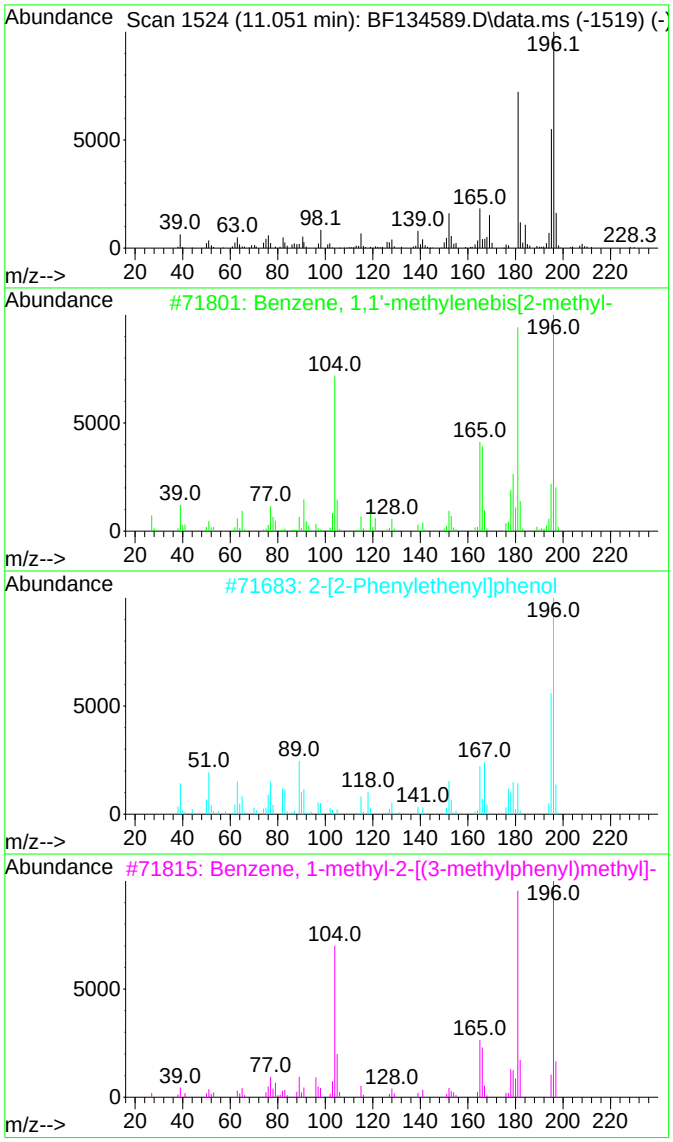
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

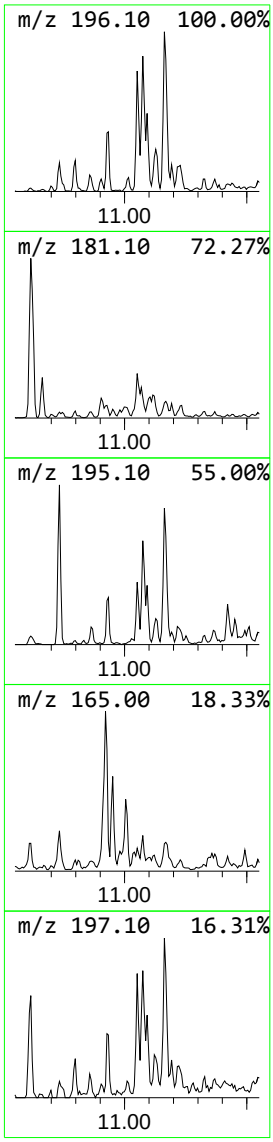
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-methylenebis[... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	4.33 ng	254071	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	68
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
3	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	58
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

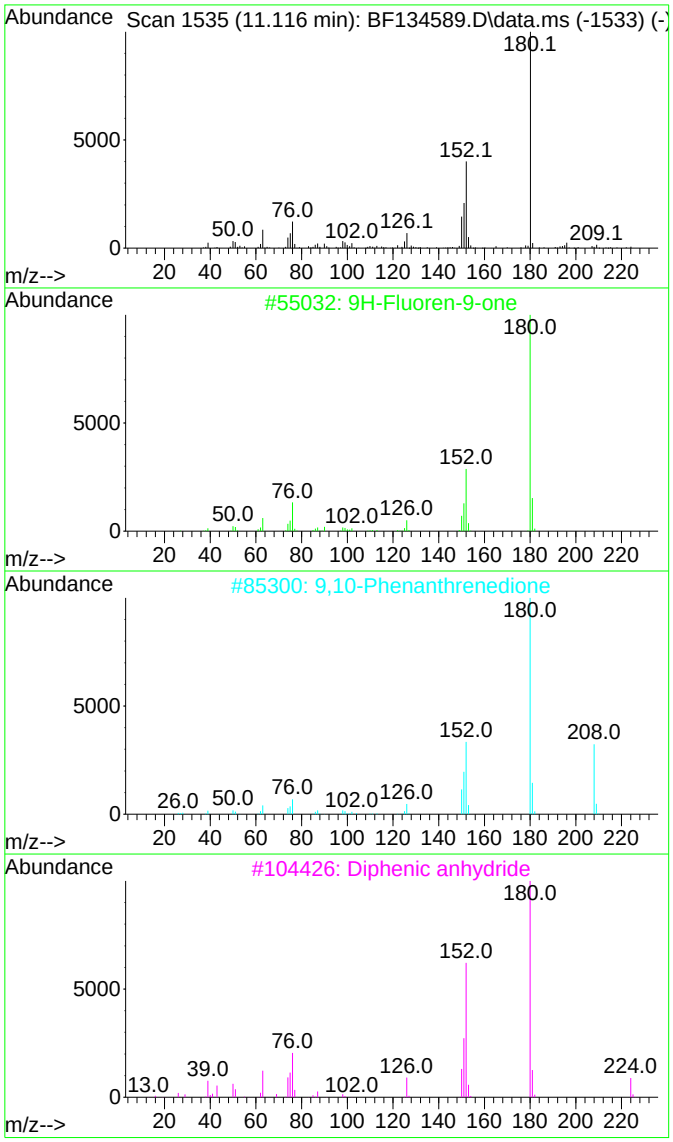
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

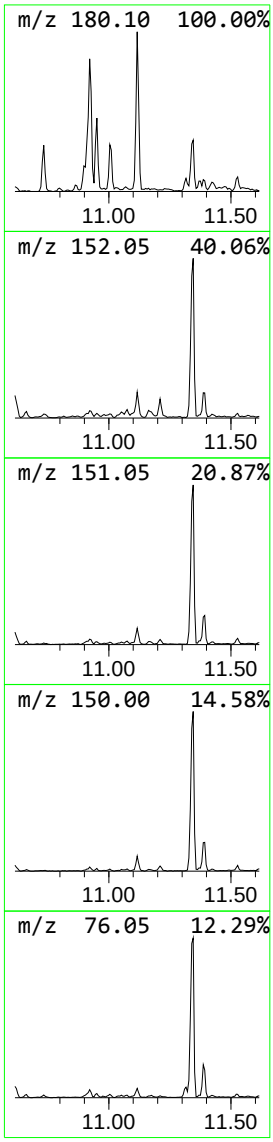
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	4.02 ng	235874	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
3	Diphenic anhydride	224	C14H8O3	006050-13-1	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45





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Acq On : 02 Aug 2023 20:10
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Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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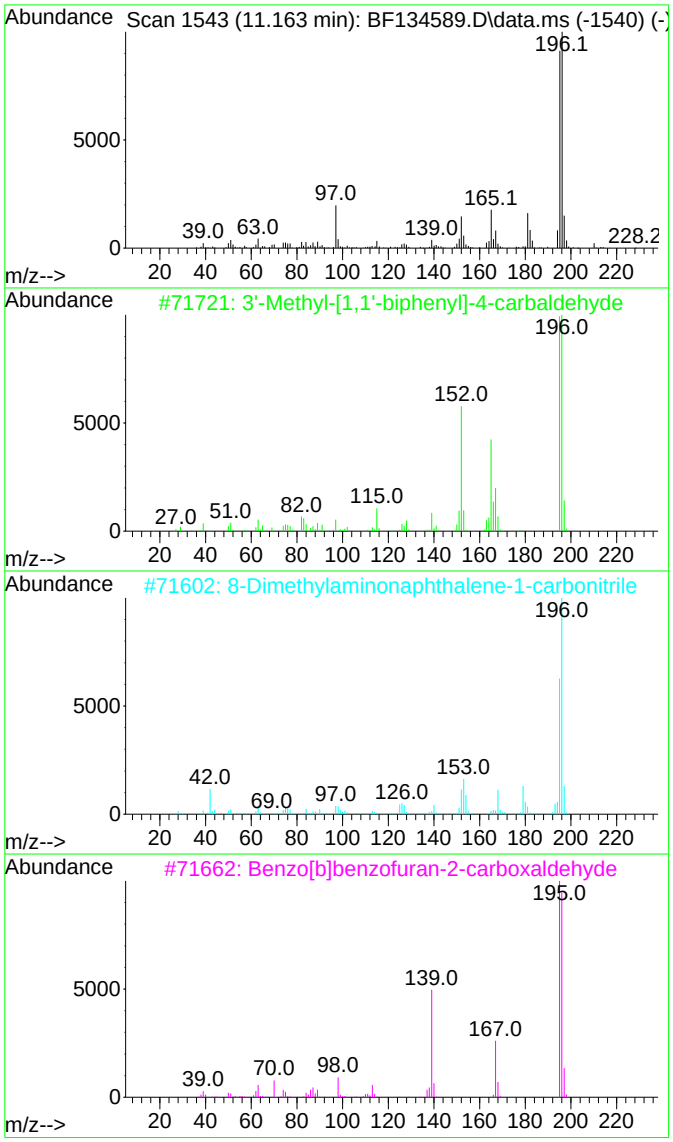
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

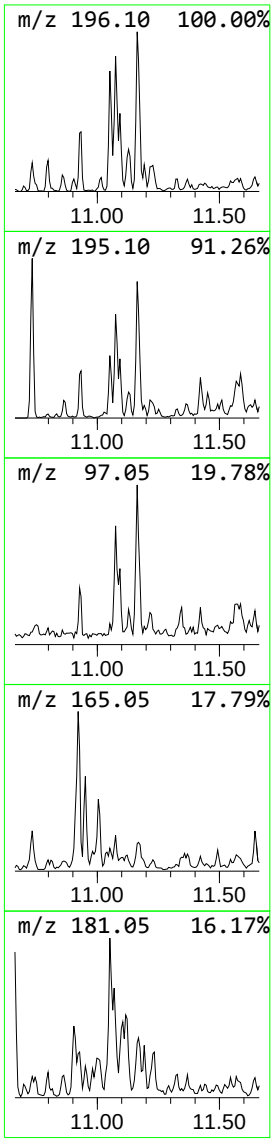
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	5.81 ng	340843	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	68
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

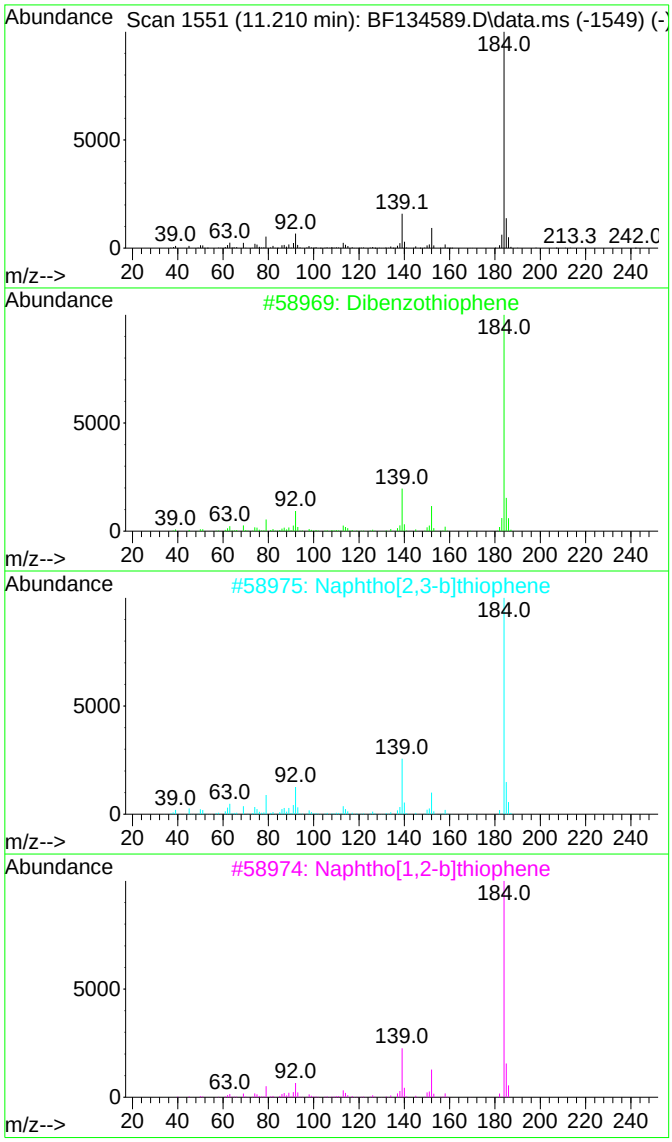
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

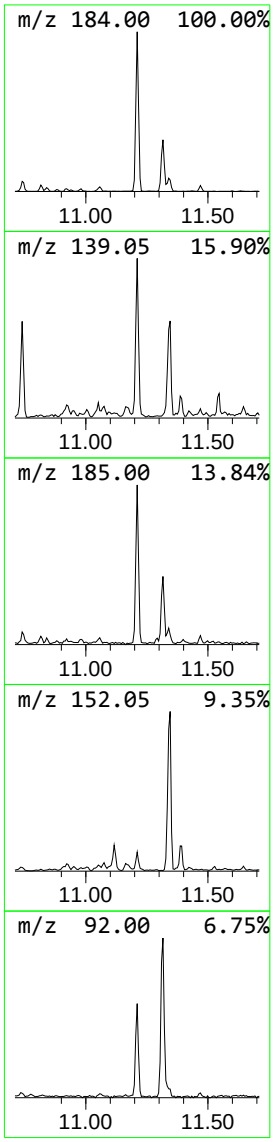
****

Peak Number 10 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	7.78 ng	456558	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 02 Aug 2023 20:10
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Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

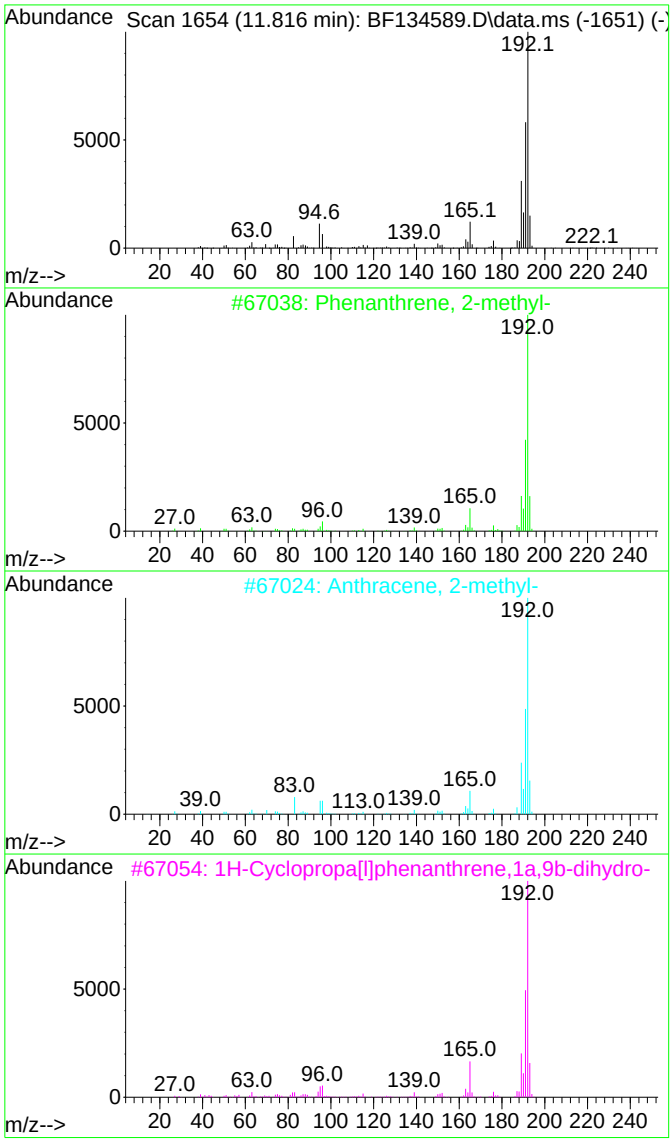
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

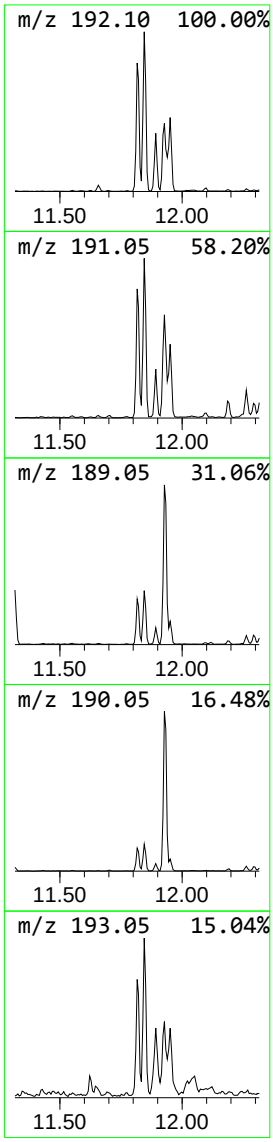
****

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	10.10 ng	592957	Phenanthrene-d10	11.316

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

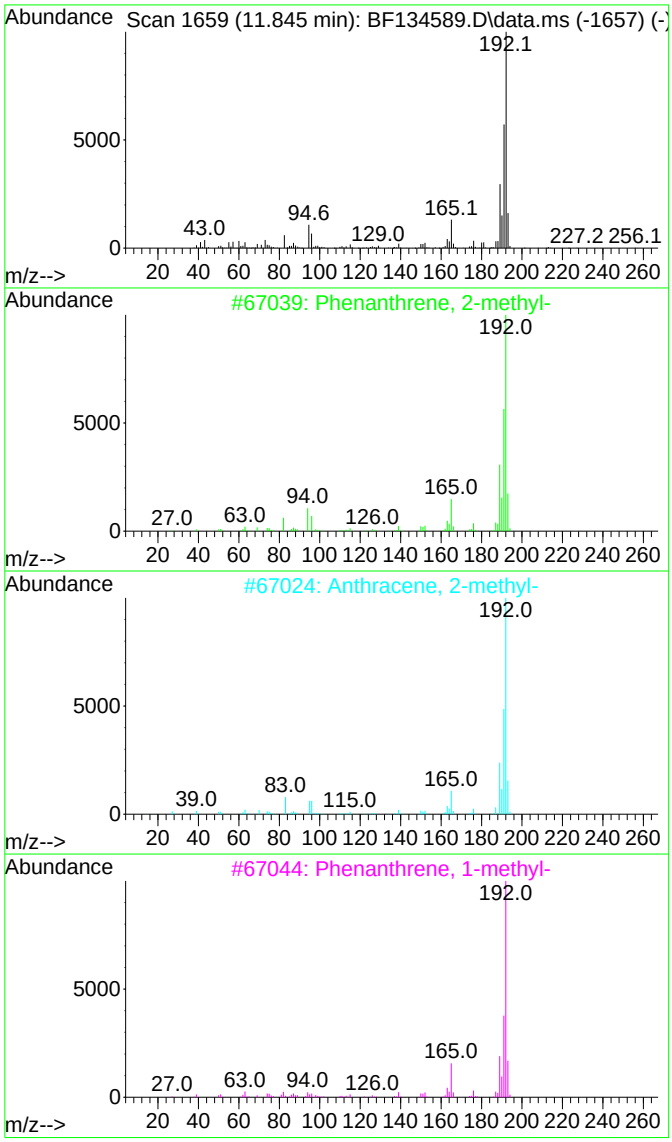
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

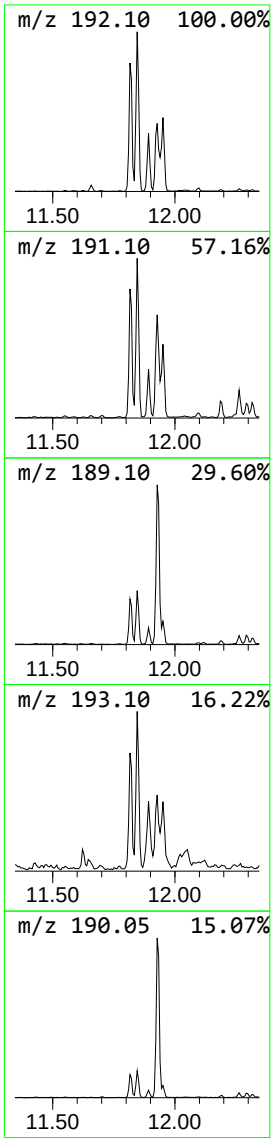
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	16.01 ng	939511	Phenanthrene-d10	11.316

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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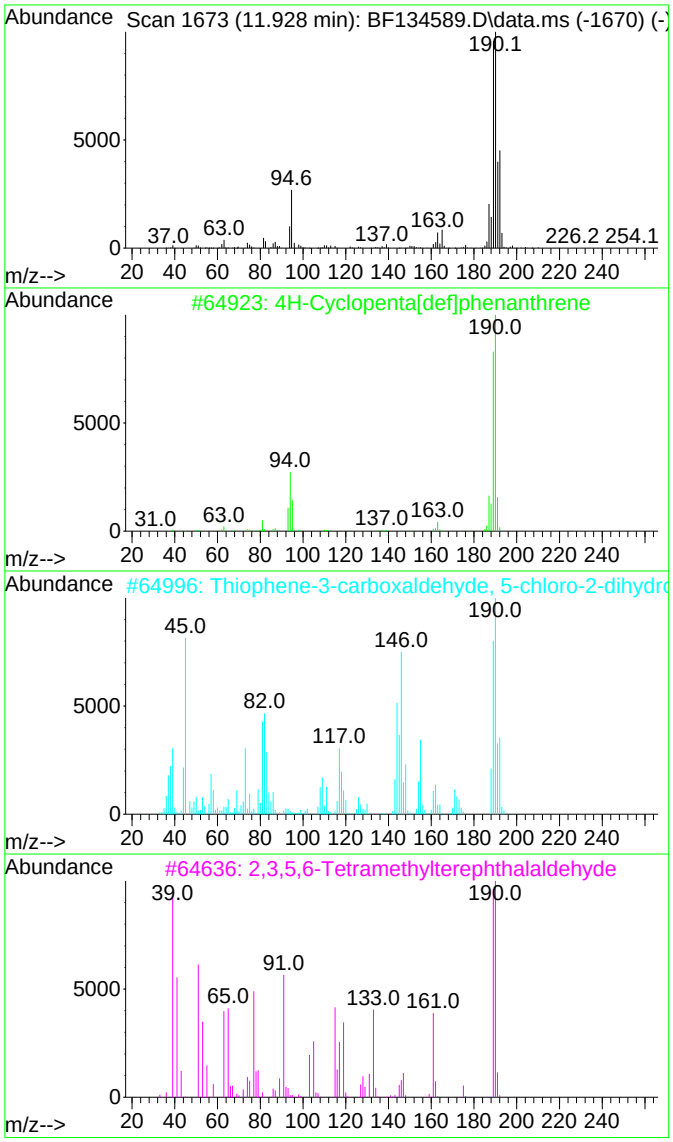
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

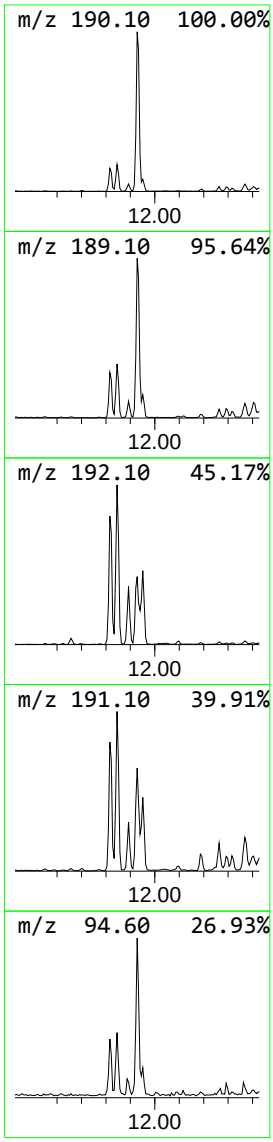
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	18.14 ng	1064190	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

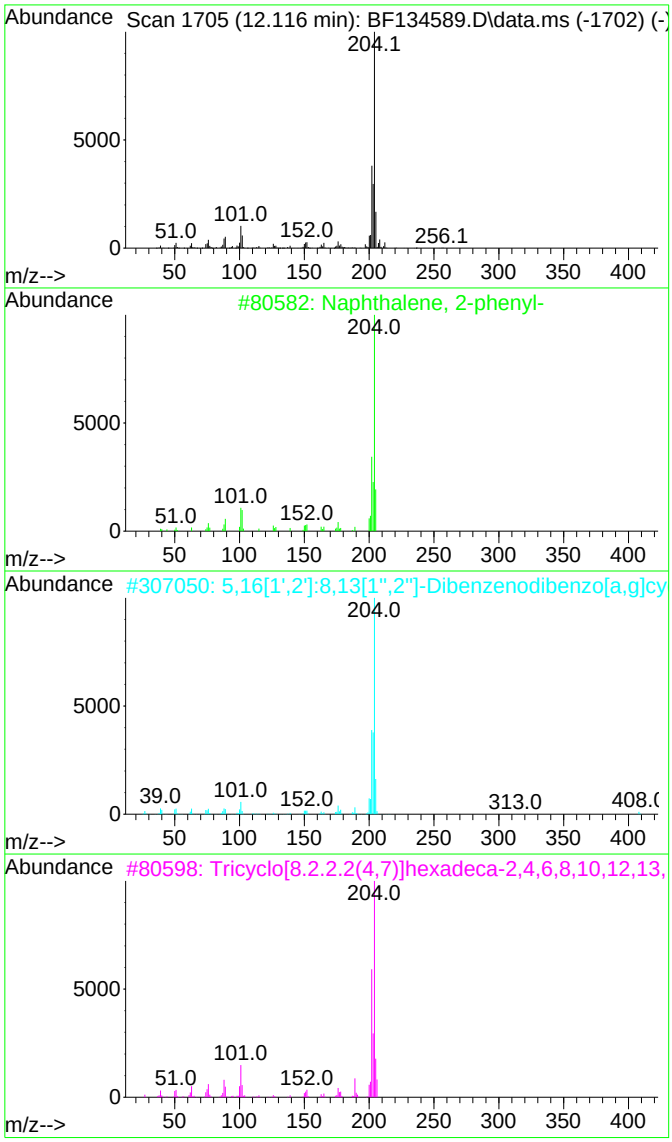
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

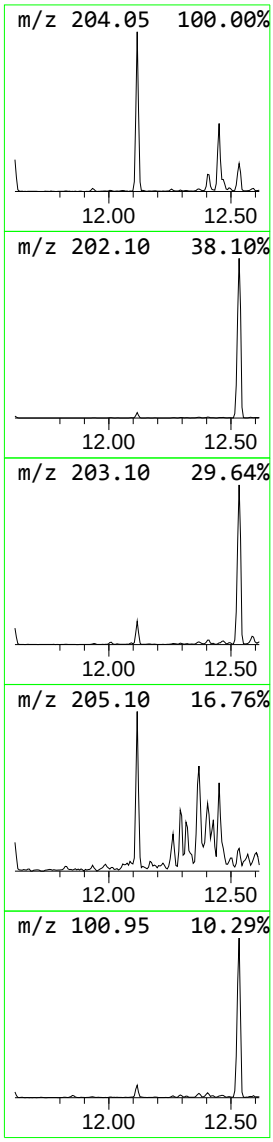
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	6.64 ng	389399	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

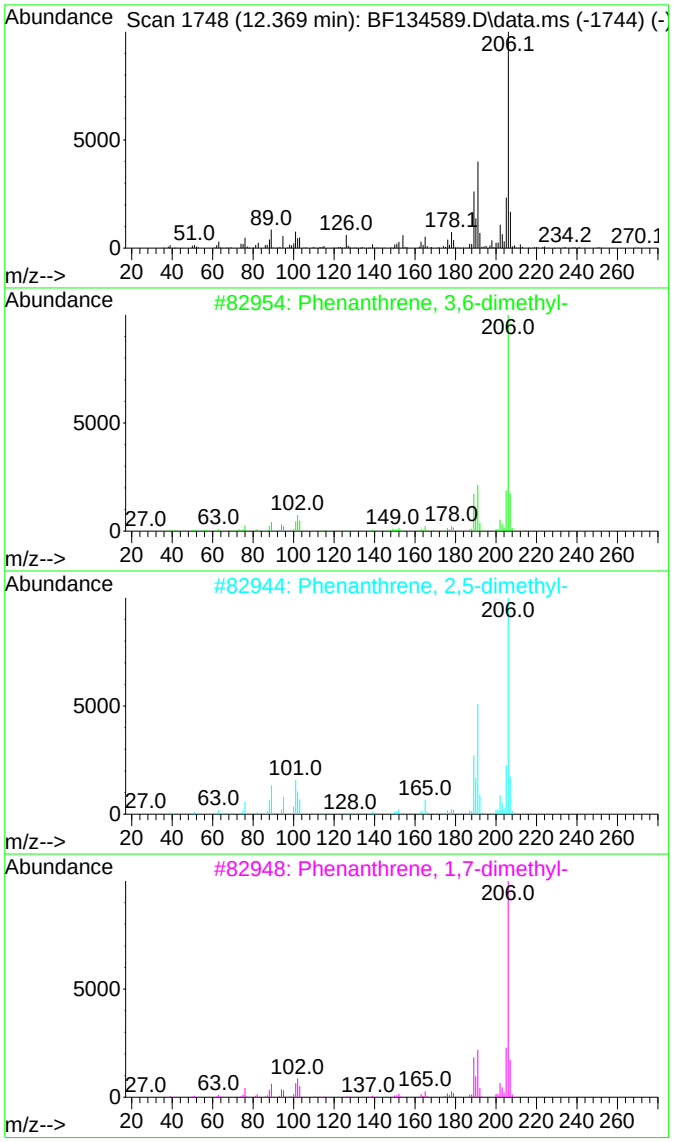
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

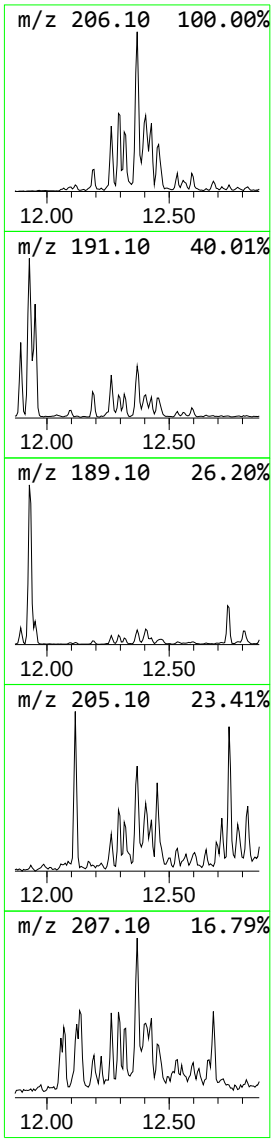
****

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	5.21 ng	305962	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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ALS Vial : 20 Sample Multiplier: 1

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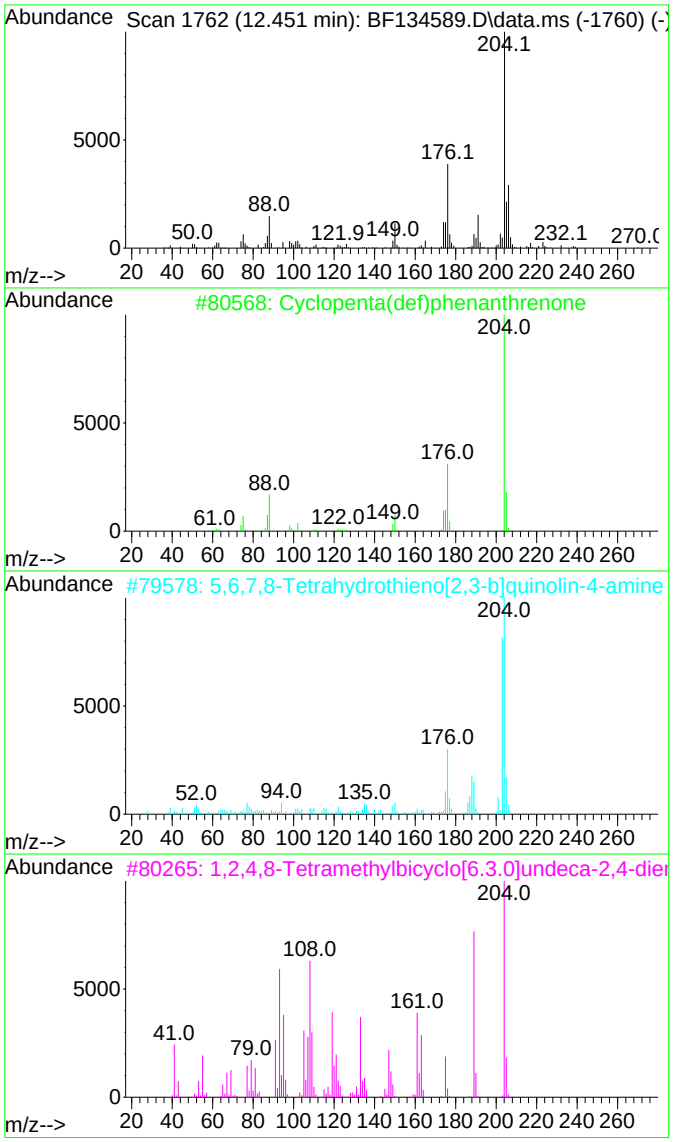
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

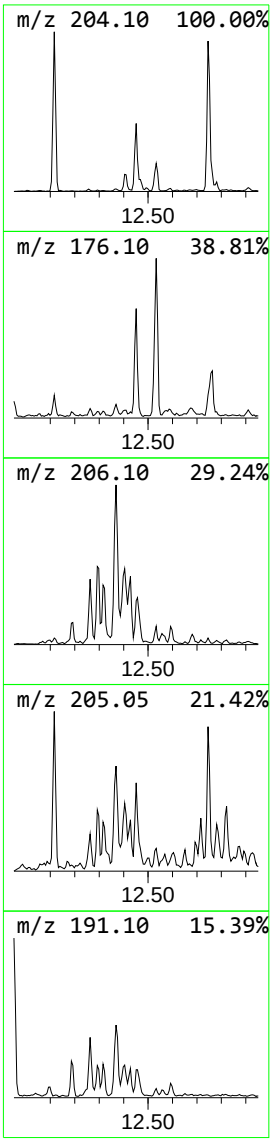
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.40 ng	258024	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

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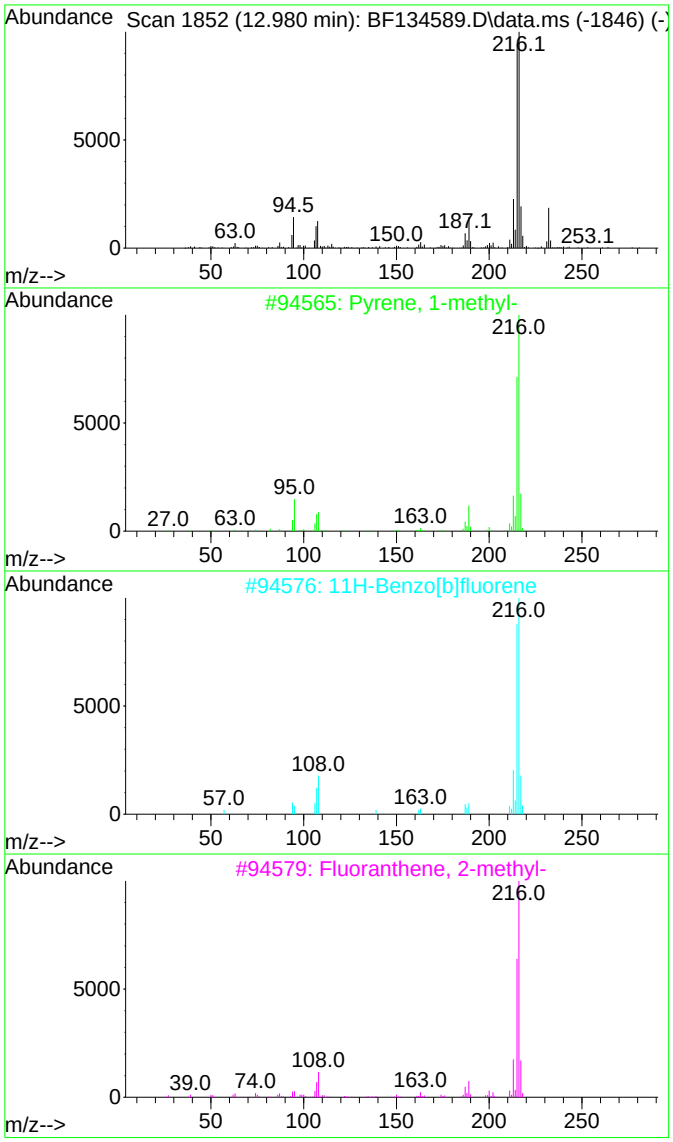
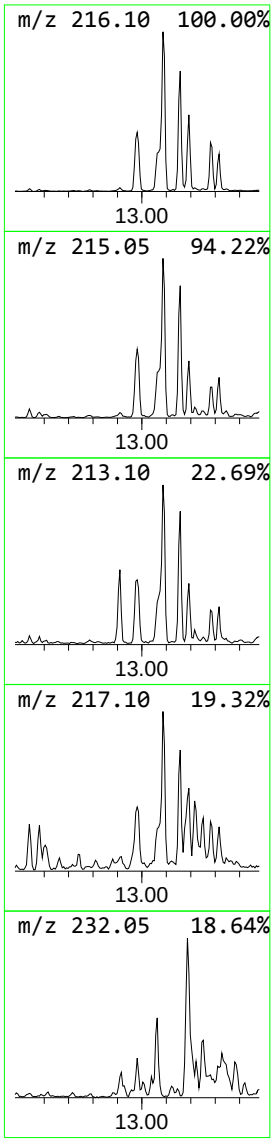
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.04 ng	399692	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

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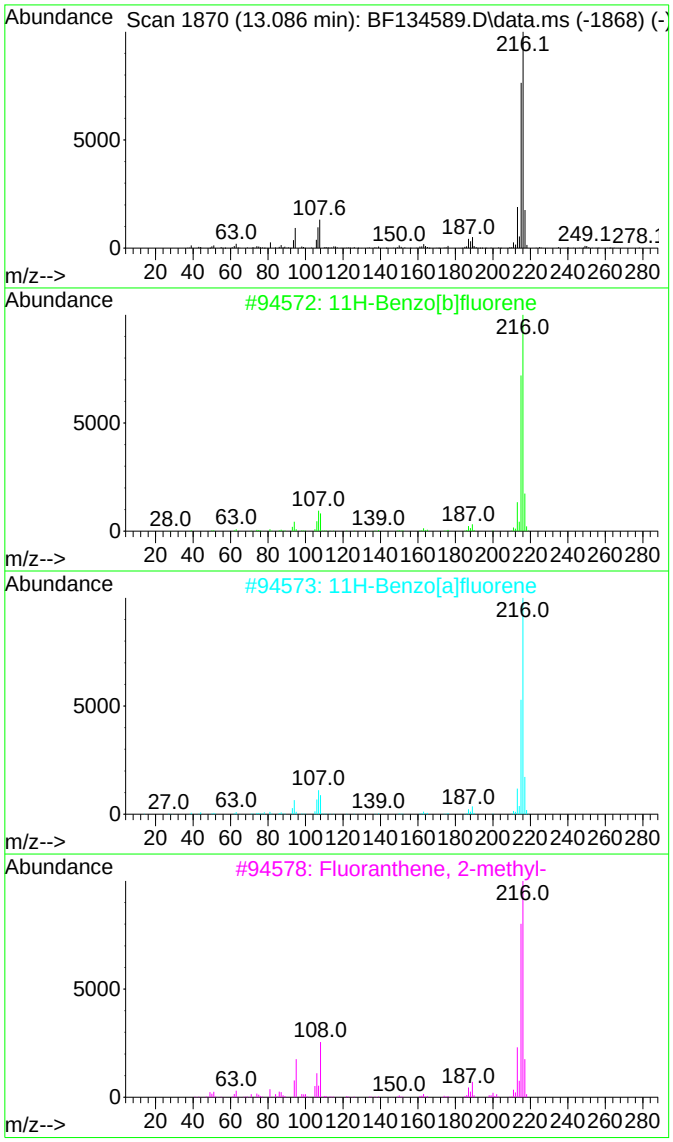
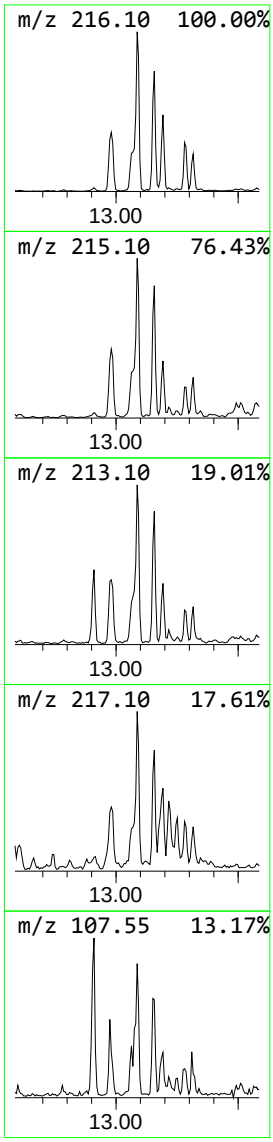
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	4.52 ng	446244	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

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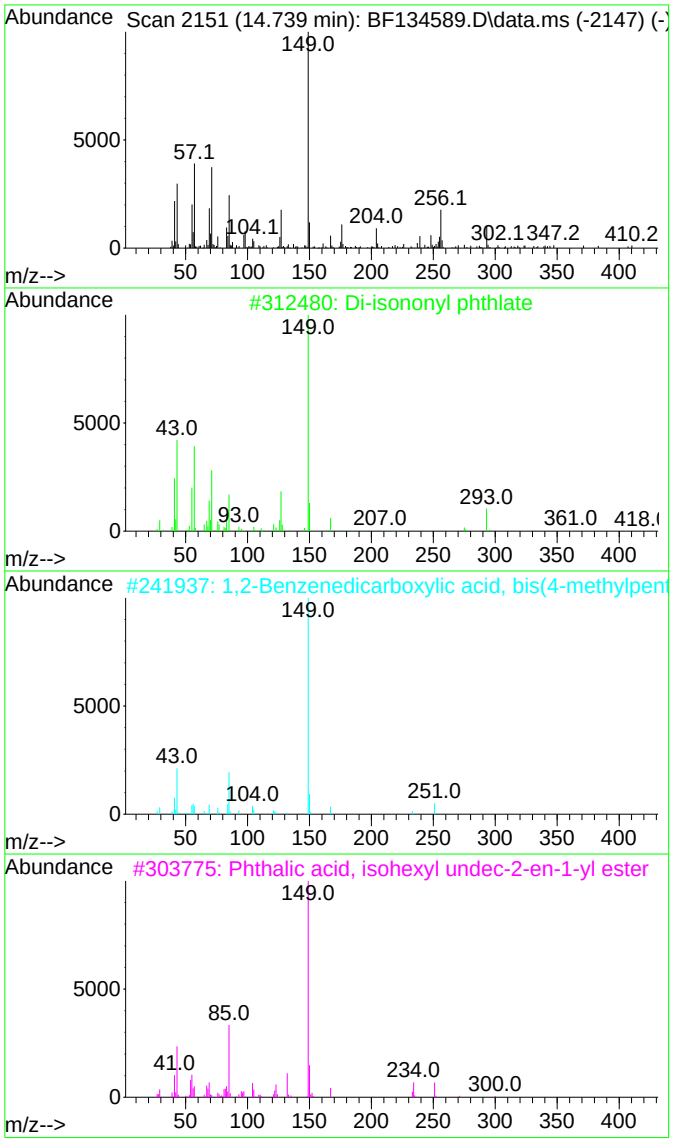
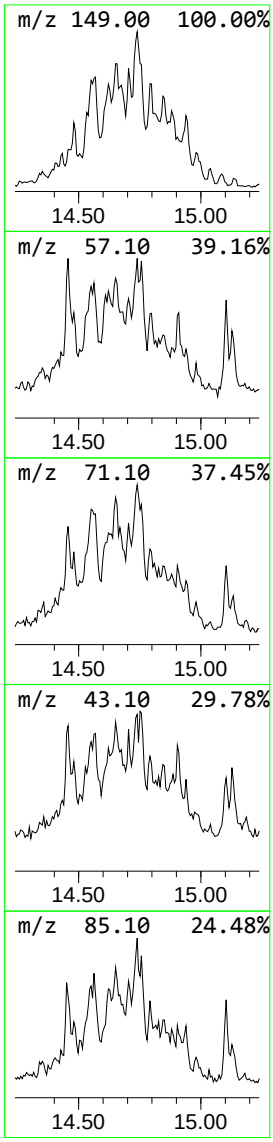
Peak Number 19 Di-isononyl phthlate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	9.44 ng	294727	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-isononyl phthlate	418	C26H42O4	020548-62-3	58
2	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	50
3	Phthalic acid, isohexyl undec-2-...	402	C25H38O4	1000315-42-4	50
4	Phthalic acid, cycloheptyl nonyl...	388	C24H36O4	1000322-83-4	47
5	Phthalic acid, 2,2-dimethylpent-...	390	C24H38O4	1000415-53-2	47





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Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
350

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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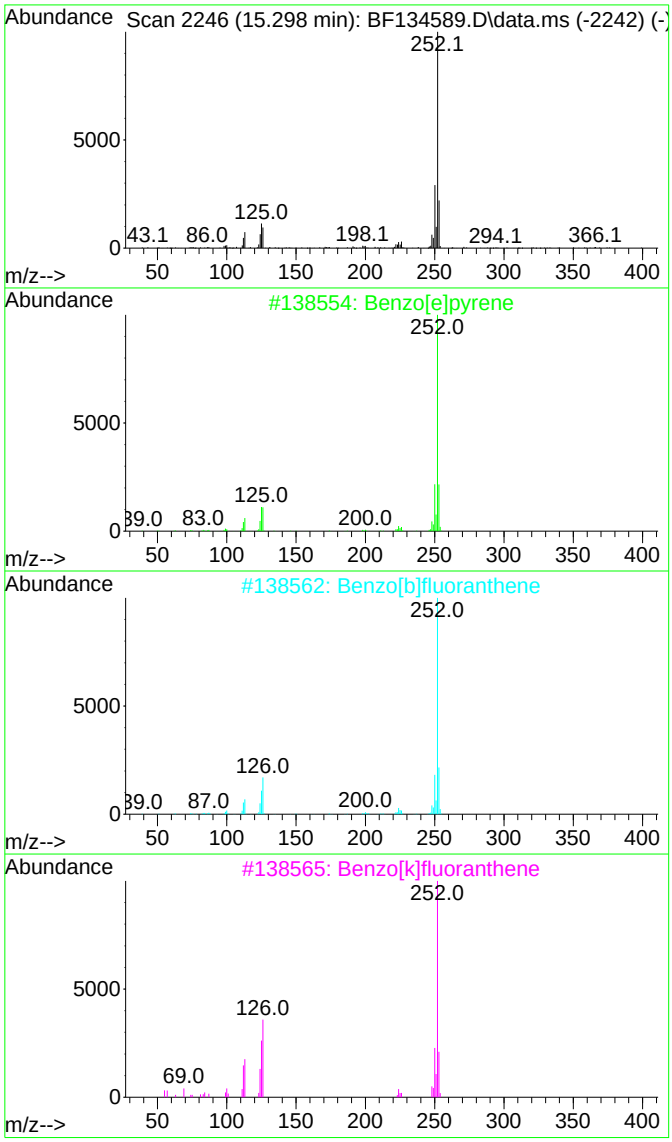
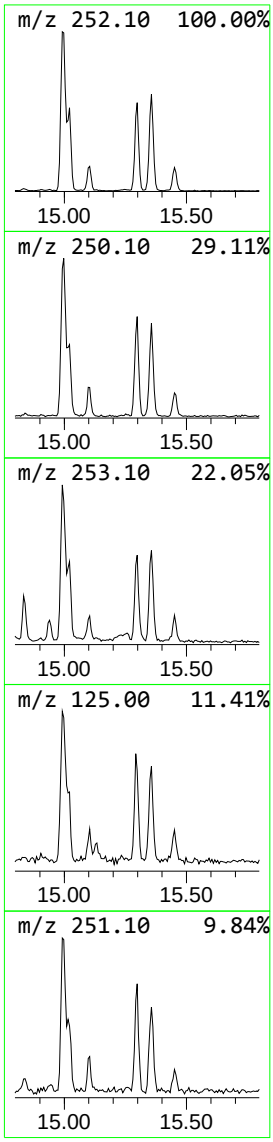
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	6.65 ng	207519	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134589.D
Acq On : 02 Aug 2023 20:10
Operator : CG\JU
Sample : 03842-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.269	10.9	ng	735991	3	9.828	1346590	20.0
Naphthalene, 2,...	9.410	4.3	ng	292047	3	9.828	1346590	20.0
Naphthalene, 2,...	9.487	4.2	ng	282755	3	9.828	1346590	20.0
2,4,6-Cyclohept...	10.534	6.0	ng	405525	3	9.828	1346590	20.0
2,4,2',4'-Tetra...	10.733	7.6	ng	447612	4	11.316	1173600	20.0
9H-Fluorene, 2-...	10.922	7.1	ng	415487	4	11.316	1173600	20.0
Benzene, 1,1'-m...	11.051	4.3	ng	254071	4	11.316	1173600	20.0
9H-Fluoren-9-one	11.116	4.0	ng	235874	4	11.316	1173600	20.0
3'-Methyl-[1,1'...	11.163	5.8	ng	340843	4	11.316	1173600	20.0
Dibenzothiophene	11.210	7.8	ng	456558	4	11.316	1173600	20.0
Phenanthrene, 2...	11.816	10.1	ng	592957	4	11.316	1173600	20.0
Anthracene, 2-m...	11.845	16.0	ng	939511	4	11.316	1173600	20.0
4H-Cyclopenta[d...	11.928	18.1	ng	1064190	4	11.316	1173600	20.0
Naphthalene, 2-...	12.116	6.6	ng	389399	4	11.316	1173600	20.0
Phenanthrene, 3...	12.369	5.2	ng	305962	4	11.316	1173600	20.0
Cyclopenta(def)...	12.451	4.4	ng	258024	4	11.316	1173600	20.0
Pyrene, 1-methyl-	12.980	4.0	ng	399692	5	13.963	1976430	20.0
11H-Benzo[b]flu...	13.086	4.5	ng	446244	5	13.963	1976430	20.0
Di-isononyl pht...	14.739	9.4	ng	294727	6	15.421	624303	20.0
Benzo[e]pyrene	15.298	6.7	ng	207519	6	15.421	624303	20.0