LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135800.D
Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135800.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	556	558	579	rBV	764324	1057516	10.56%	0.636%
2	6.387	728	731	748	rBV	943847	1156893	11.55%	0.695%
3	6.734	787	790	796	rBV	755346	670597	6.70%	0.403%
4	7.304	883	887	889	rBV	703743	643959	6.43%	0.387%
5	7.751	957	963	968	rBV3	455403	726099	7.25%	0.436%
6	8.016	1006	1008	1010	rVV	956099	949266	9.48%	0.571%
7	8.040	1010	1012	1015	rVV	3617541	2929906	29.26%	1.761%
8	8.734	1127	1130	1133	rBV	3317806	2967557	29.64%	1.784%
9	8.839	1142	1148	1151	rBV	4722226	4810548	48.04%	2.892%
10	9.092	1189	1191	1195	rVB	1430771	1106308	11.05%	0.665%
11	9.198	1206	1209	1214	rVB	1940465	1606002	16.04%	0.965%
12	9.269	1218	1221	1223	rBV2	569050	591224	5.90%	0.355%
13	9.292	1223	1225	1231	rVB	1252289	1440264	14.38%	0.866%
14	9.369	1232	1238	1241	rBV2	2628701	3613510	36.09%	2.172%
15	9.439	1245	1250	1253	rVV	3412199	4294469	42.89%	2.582%
16	9.469	1253	1255	1258	rVV2	2758679	2320413	23.17%	1.395%
17	9.504	1258	1261	1264	rVB	542976	497557	4.97%	0.299%
18	9.557	1266	1270	1275	rBV	1990992	2361247	23.58%	1.419%
19	9.639	1281	1284	1287	rVB	2963855	2527965	25.25%	1.520%
20	9.757	1301	1304	1306	rBV	1425523	1331930	13.30%	0.801%
21	9.810	1310	1313	1316	rVV2	1706451	1629861	16.28%	0.980%
22	9.886	1322	1326	1329	rBV2	1008428	1273170	12.71%	0.765%
23	9.981	1335	1342	1346	rBV4	1697609	2211813	22.09%	1.330%
24	10.022	1346	1349	1352	rVB	1462395	1154194	11.53%	0.694%
25	10.092	1358	1361	1364	rBV	1281867	1415335	14.13%	0.851%
26	10.122	1364	1366	1373	rVB	927146	828134	8.27%	0.498%
27	10.175	1373	1375	1379	rBV2	818384	1286107	12.84%	0.773%
28	10.204	1379	1380	1383	rVB	1033631	632315	6.31%	0.380%
29	10.281	1387	1393	1395	rBV4	614831	834000	8.33%	0.501%
30	10.333	1398	1402	1407	rVB	3347565	4107080	41.02%	2.469%
31	10.392	1407	1412	1414	rBV3	718696	1006183	10.05%	0.605%
32	10.439	1418	1420	1422	rVV	655160	524602	5.24%	0.315%
33	10.486	1424	1428	1431	rVB4	696736	846087	8.45%	0.509%
34	10.551	1436	1439	1441	rBV	1018483	1045683	10.44%	0.629%
35	10.569	1441	1442	1446	rVB2	1019621	935213	9.34%	0.562%
36	10.692	1458	1463	1469	rVB3	723486	1017479	10.16%	0.612%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.881	1490	1495	1498	rVV2	1641833	2311348	23.08%	1.389%
38	10.910	1498	1500	1503	rVV	1433145	1214268	12.13%	0.730%
39	10.963	1506	1509	1512	rVV	1128240	1015781	10.14%	0.611%
40	11.010	1515	1517	1519	rVV	441723	506345	5.06%	0.304%
41	11.080	1527	1529	1532	rVV2	654979	600075	5.99%	0.361%
42	11.133	1532	1538	1540	rVV3	617856	979496	9.78%	0.589%
43	11.175	1540	1545	1549	rVB	2825541	2989801	29.86%	1.797%
44	11.322	1563	1570	1573	rVB	5922085	10013299	100.00%	6.019%
45	11.363	1573	1577	1579	rBV	2160350	2015843	20.13%	1.212%
46	11.386	1579	1581	1584	rVV2	605164	705035	7.04%	0.424%
47	11.433	1587	1589	1594	rVB2	545248	753596	7.53%	0.453%
48	11.516	1599	1603	1606	rBV3	486352	708860	7.08%	0.426%
49	11.569	1609	1612	1615	rVB	1089760	892275	8.91%	0.536%
50	11.610	1615	1619	1624	rBV2	1817633	1988004	19.85%	1.195%
51	11.698	1630	1634	1637	rVB	1477914	1784924	17.83%	1.073%
52	11.786	1644	1649	1652	rBV2	3056544	3619947	36.15%	2.176%
53	11.822	1652	1655	1658	rVB	3665807	3445348	34.41%	2.071%
54	11.863	1658	1662	1665	rBV2	979660	1156016	11.54%	0.695%
55	11.904	1665	1669	1671	rVV	3928484	4491676	44.86%	2.700%
56	11.927	1671	1673	1676	rVB	2772166	2008464	20.06%	1.207%
57	12.016	1686	1688	1692	rVB	803548	618153	6.17%	0.372%
58	12.080	1695	1699	1701	rBV2	1919437	1872460	18.70%	1.126%
59	12.116	1703	1705	1709	rVB	892354	795143	7.94%	0.478%
60	12.180	1712	1716	1719	rBV2	366409	641400	6.41%	0.386%
61	12.210	1719	1721	1723	rVV	595511	511009	5.10%	0.307%
62	12.263	1727	1730	1732	rBV	1054376	868321	8.67%	0.522%
63	12.286	1732	1734	1737	rVB2	895120	777185	7.76%	0.467%
64	12.345	1739	1744	1746	rBV	2200667	2844147	28.40%	1.710%
65	12.380	1746	1750	1752	rVV3	1378249	1864019	18.62%	1.121%
66	12.439	1755	1760	1763	rBV2	878685	1487562	14.86%	0.894%
67	12.516	1768	1773	1776	rBV	4091334	5670144	56.63%	3.409%
68	12.604	1785	1788	1792	rVB2	707955	675808	6.75%	0.406%
69	12.657	1794	1797	1801	rBV2	1039482	1050511	10.49%	0.632%
70	12.751	1806	1813	1816	rBV	4781652	8106079	80.95%	4.873%
71	12.792	1816	1820	1823	rVB2	788767	841872	8.41%	0.506%
72	12.874	1831	1834	1836	rBV	766591	672829	6.72%	0.404%
73	12.963	1843	1849	1854	rBV3	1113217	1907664	19.05%	1.147%
74	13.010	1854	1857	1859	rVV	711018	614122	6.13%	0.369%
75	13.045	1859	1863	1864	rVV2	860443	1066660	10.65%	0.641%
76	13.074	1865	1868	1870	rVV	1778398	1827671	18.25%	1.099%

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Instrument :
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R-2(5-10)

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Integrator: RTE
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77	13.139	1876	1879	1882	rVV	1612830	1580906	15.79%	0.950%
78	13.174	1882	1885	1889	rVV2	1565512	1780806	17.78%	1.071%
79	13.269	1897	1901	1903	rVV	1344834	1248406	12.47%	0.750%
80	13.298	1903	1906	1909	rVB	1458107	1351922	13.50%	0.813%
81	13.557	1946	1950	1953	rBV2	449420	736519	7.36%	0.443%
82	13.698	1968	1974	1976	rBV2	1237624	1773573	17.71%	1.066%
83	13.716	1976	1977	1980	rVB	1076828	683786	6.83%	0.411%
84	13.863	1999	2002	2009	rVB2	550123	742323	7.41%	0.446%
85	13.945	2011	2016	2019	rVV2	2670451	4040720	40.35%	2.429%
86	13.980	2019	2022	2025	rVV	2766837	2943713	29.40%	1.770%
87	14.110	2042	2044	2047	rVB2	534482	527722	5.27%	0.317%
88	14.339	2078	2083	2086	rVV	1186809	1481685	14.80%	0.891%
89	14.374	2086	2089	2091	rVV	664934	623977	6.23%	0.375%
90	14.404	2091	2094	2098	rVV4	464542	778763	7.78%	0.468%
91	14.469	2102	2105	2106	rVV	681188	628985	6.28%	0.378%
92	14.486	2106	2108	2111	rVV2	591116	545291	5.45%	0.328%
93	15.004	2191	2196	2199	rBV	1233533	1951857	19.49%	1.173%
94	15.104	2210	2213	2218	rVB	422018	500492	5.00%	0.301%
95	15.304	2243	2247	2253	rVB	992252	1237156	12.36%	0.744%
96	15.374	2253	2259	2264	rBV	1574563	2107736	21.05%	1.267%
97	15.427	2264	2268	2271	rVV2	376678	493340	4.93%	0.297%
98	15.463	2271	2274	2280	rVB2	342285	513738	5.13%	0.309%
99	16.939	2518	2525	2533	rBV	465006	1003730	10.02%	0.603%
100	17.398	2597	2603	2615	rVB	363379	808835	8.08%	0.486%

Sum of corrected areas: 166349627

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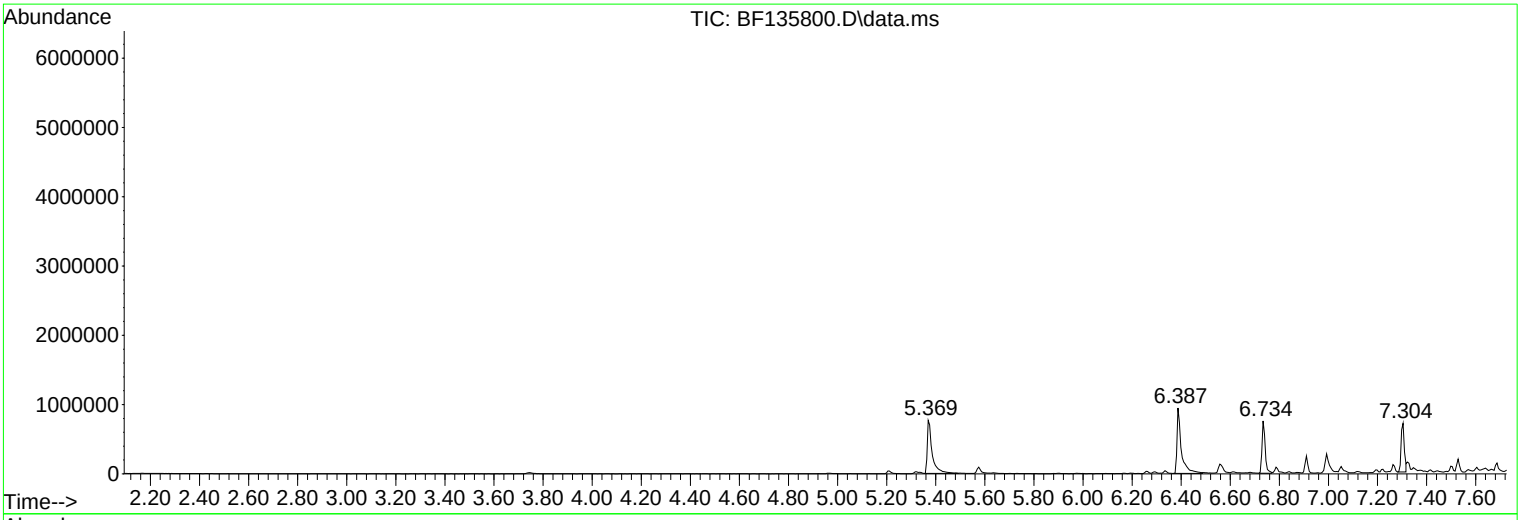
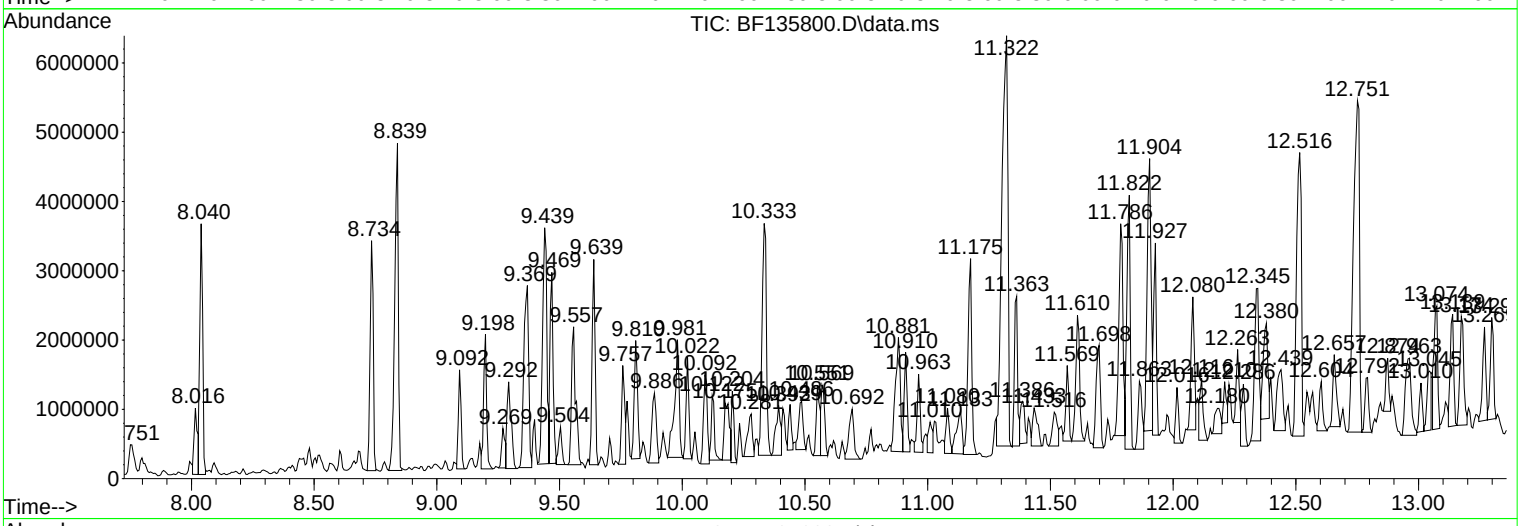
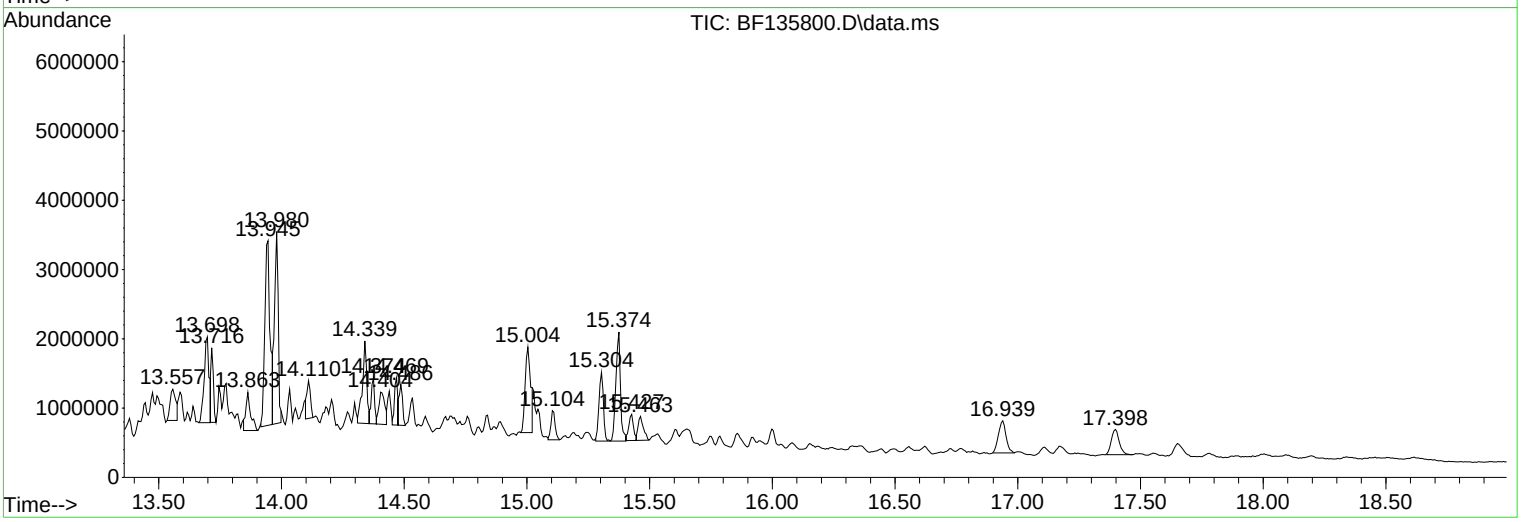
Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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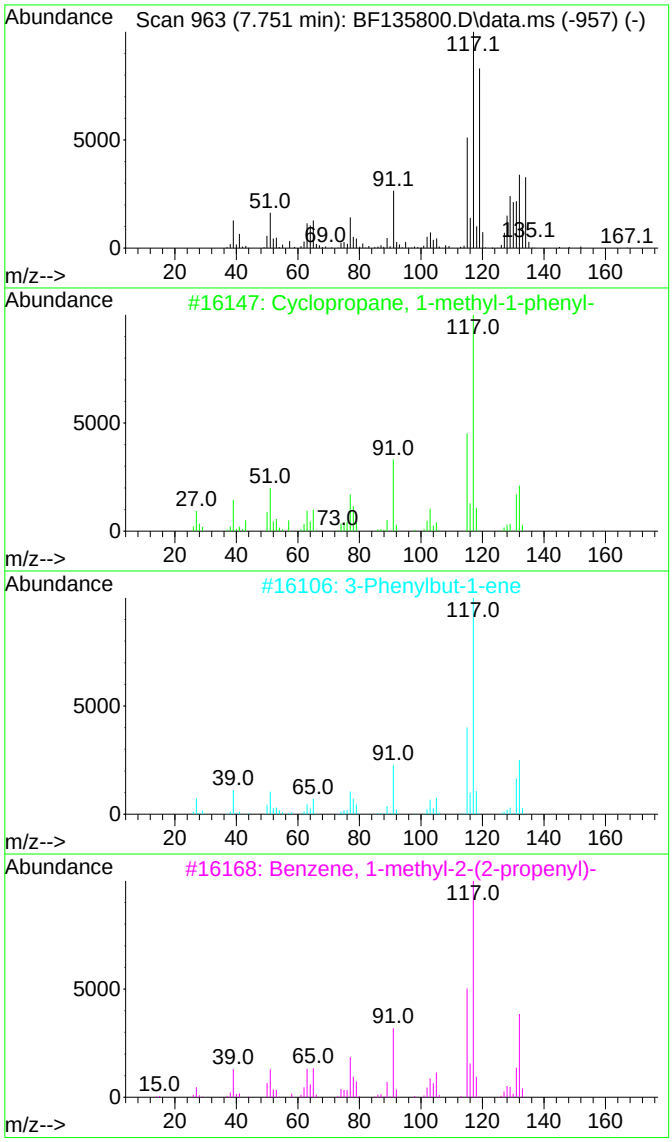
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

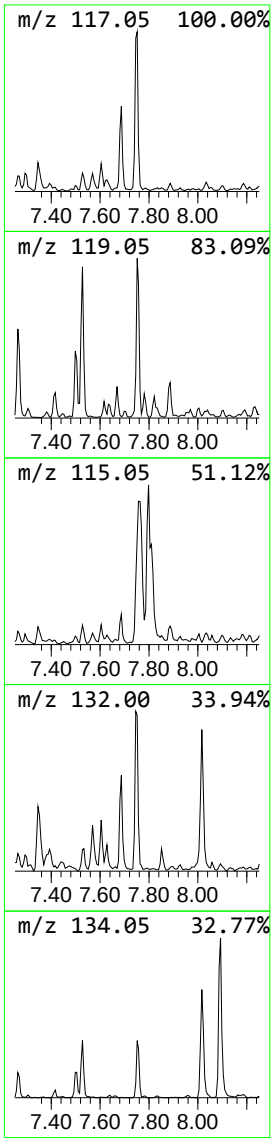
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopropane, 1-methyl-1-ph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	15.30 ng	726099	Naphthalene-d8	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	64
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	46





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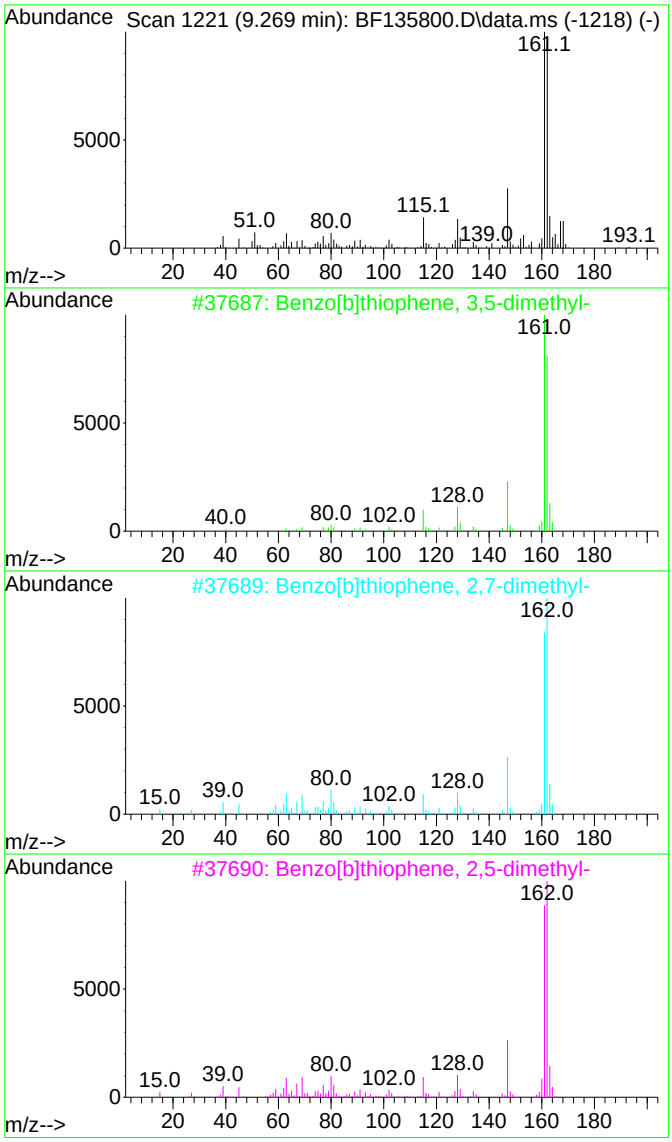
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

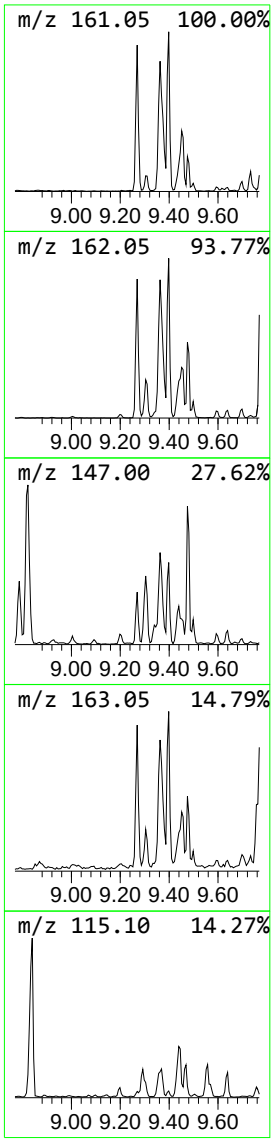
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzo[b]thiophene, 3,5-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	8.88 ng	591224	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	94
2	Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	93
3	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	87
4	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	72
5	2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	72





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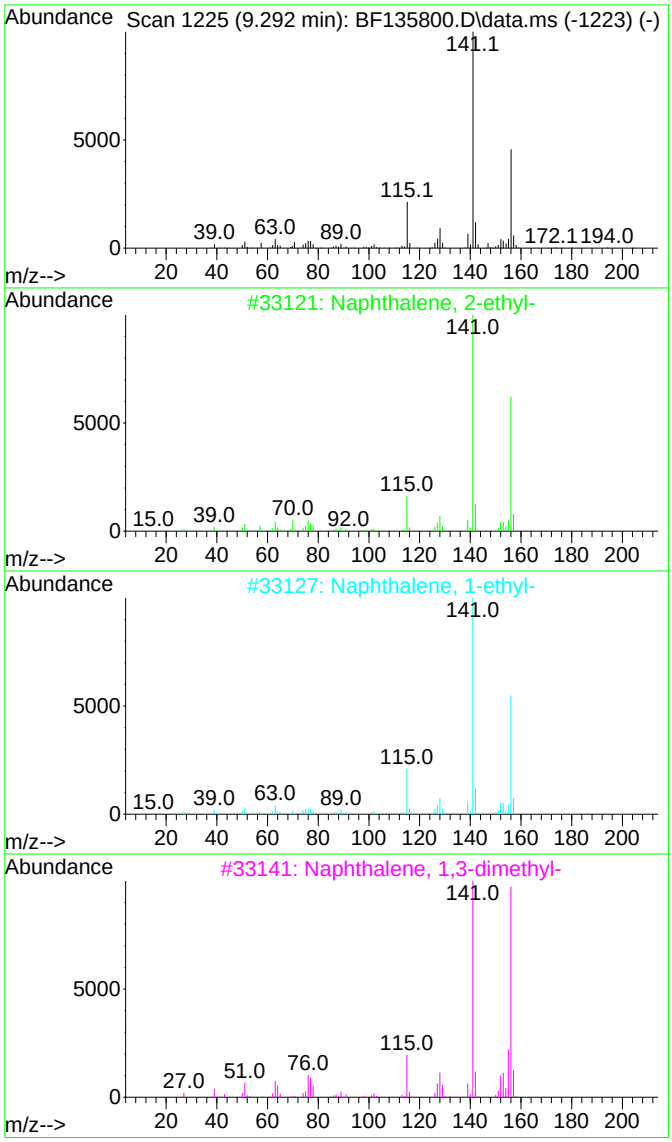
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

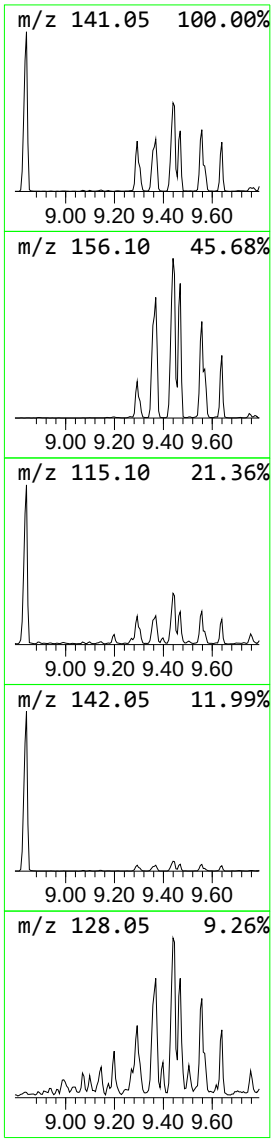
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	21.63 ng	1440260	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





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Instrument :
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ClientSampleId :
R-2(5-10)

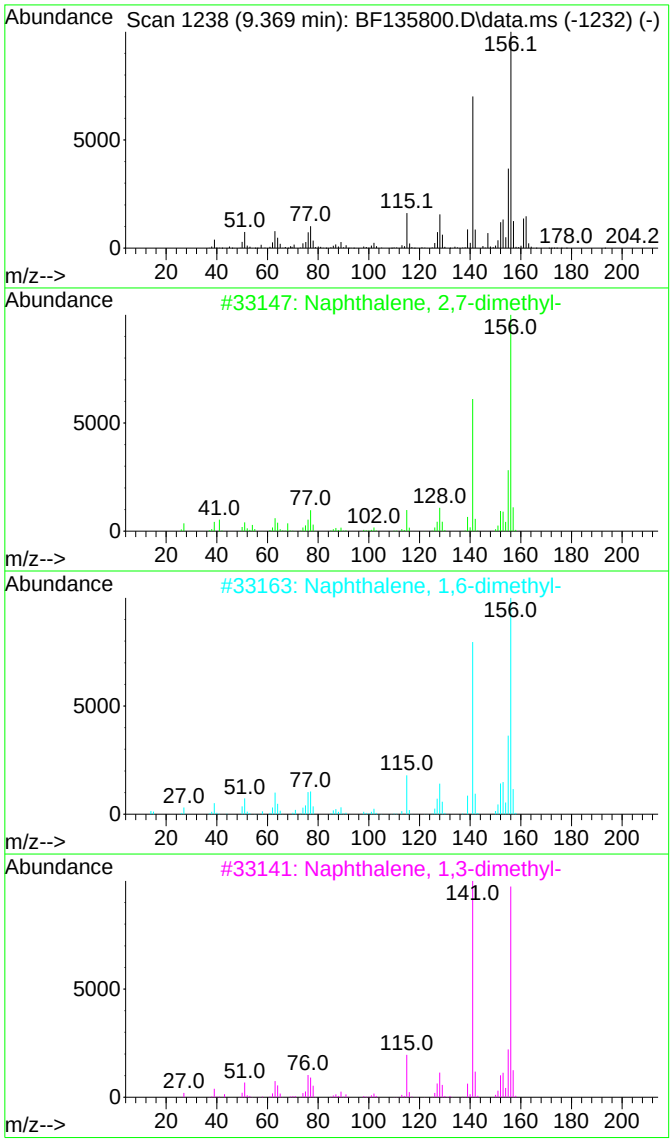
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

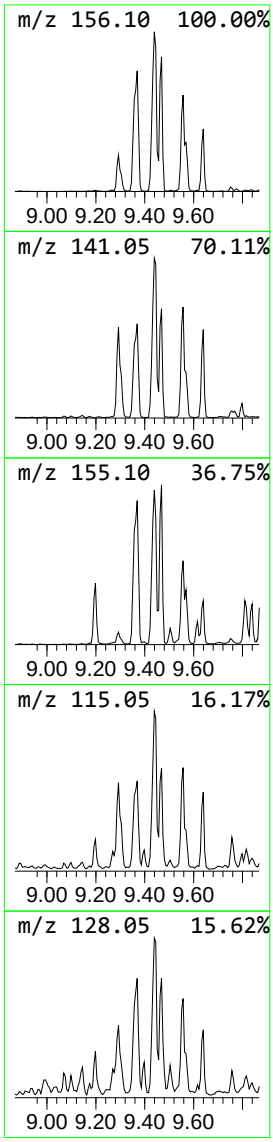
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	54.26 ng	3613510	Acenaphthene-d10	9.775

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





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

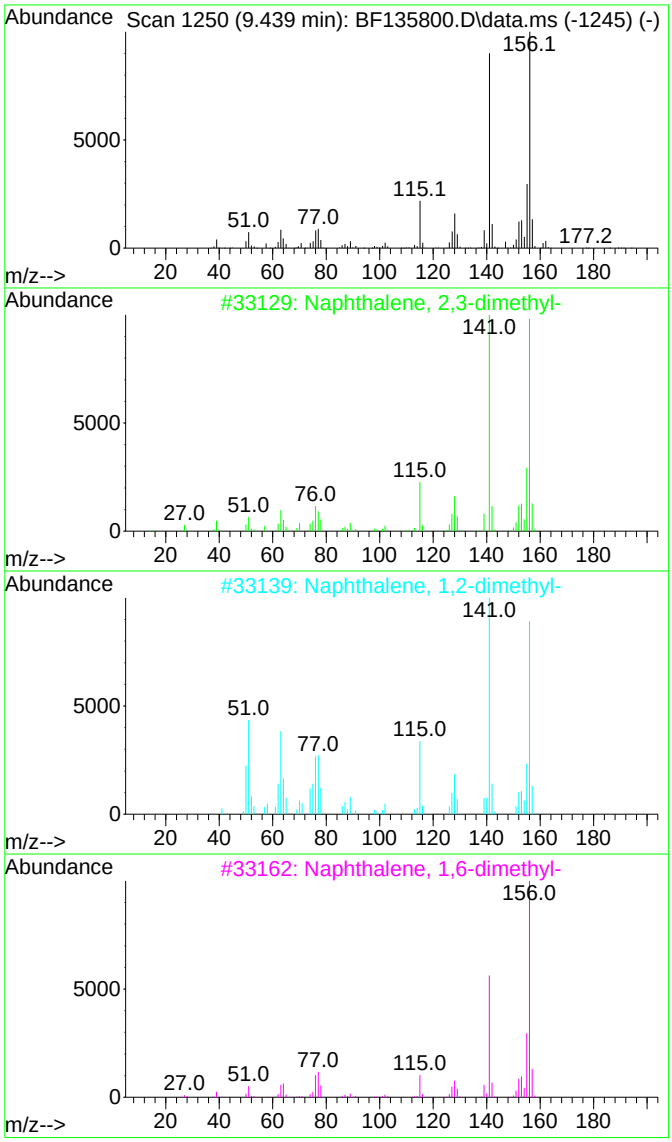
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

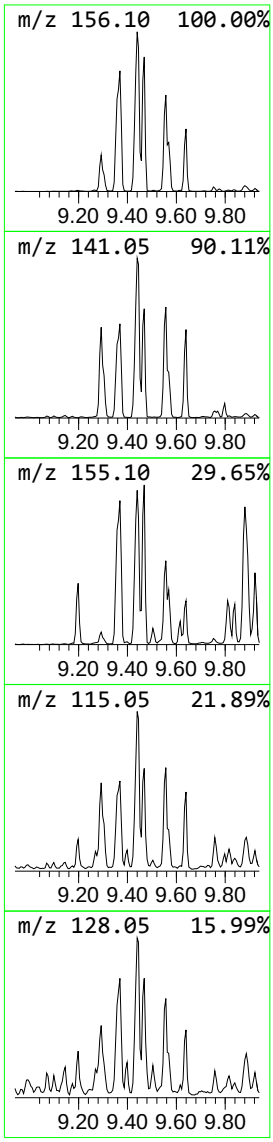
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	64.48 ng	4294470	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

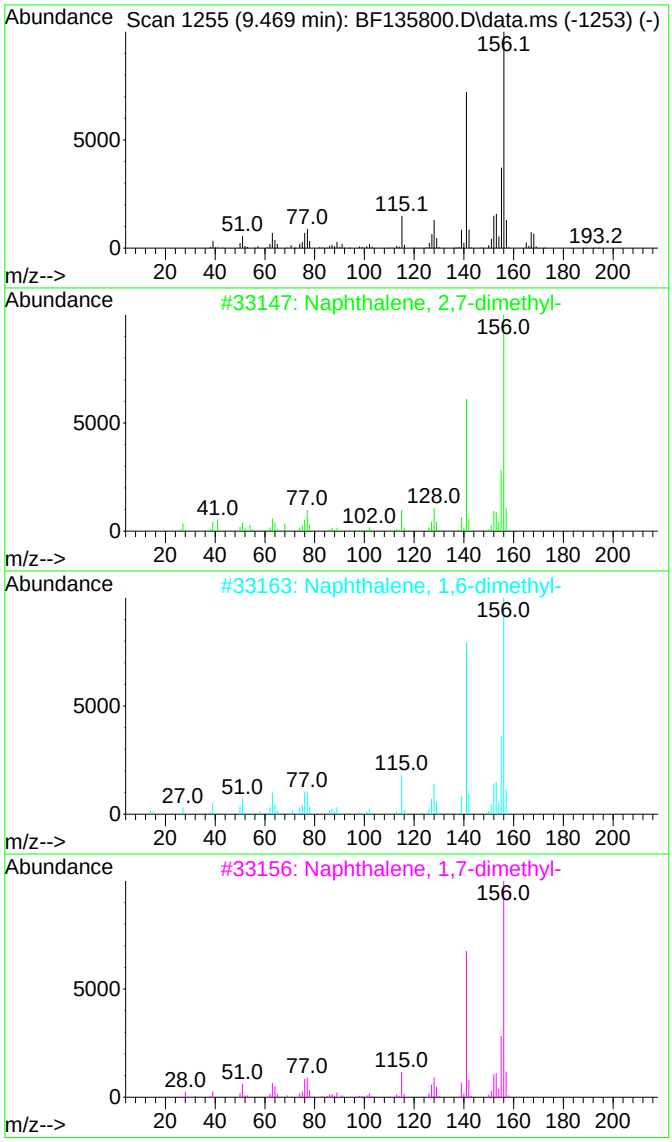
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

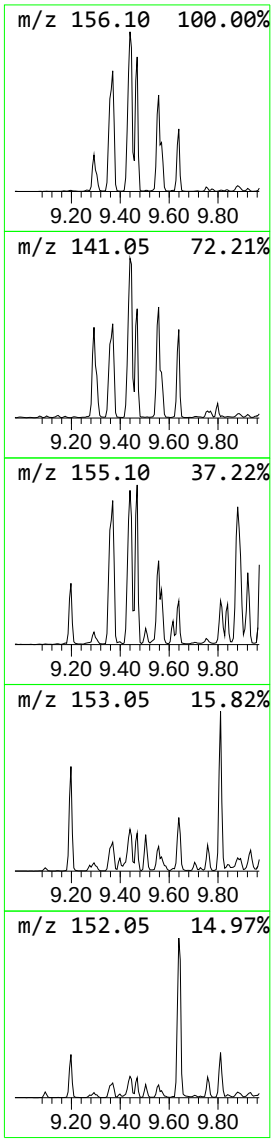
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	34.84 ng	2320410	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

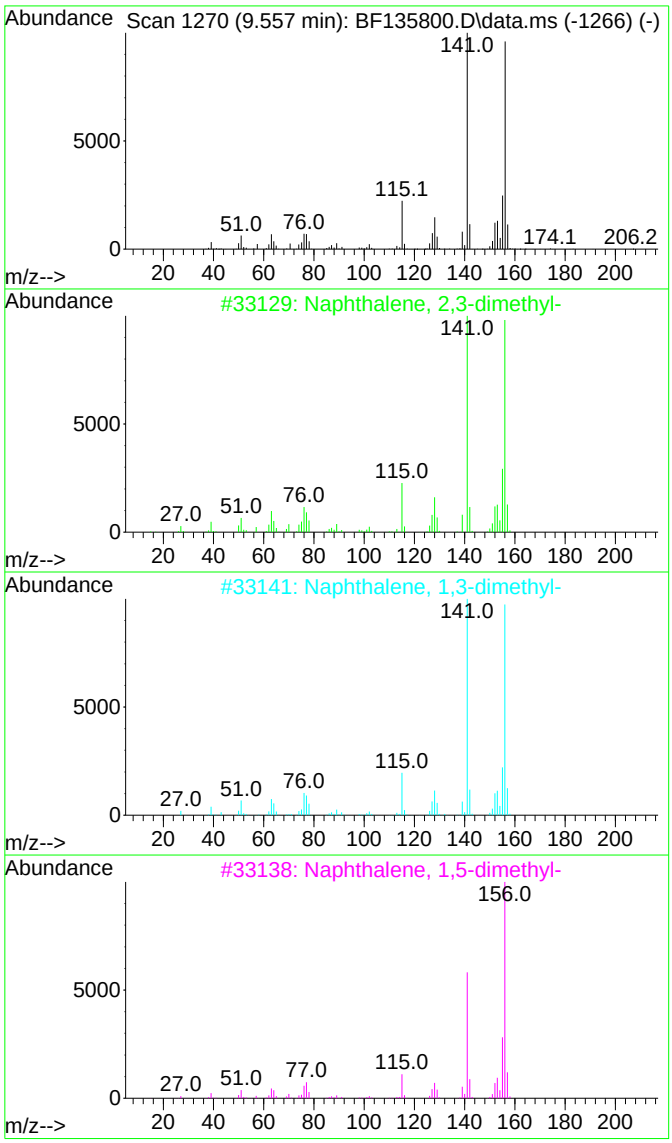
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

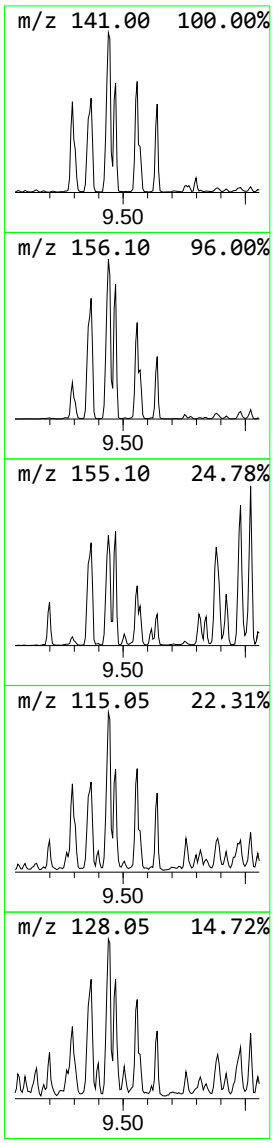
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	35.46 ng	2361250	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

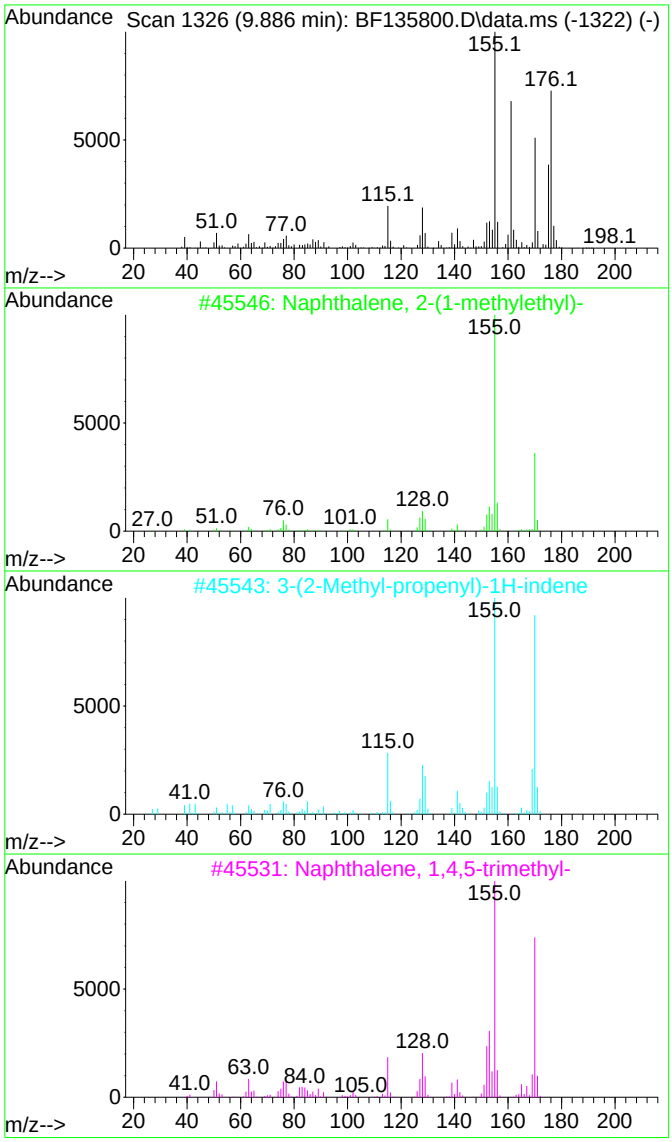
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

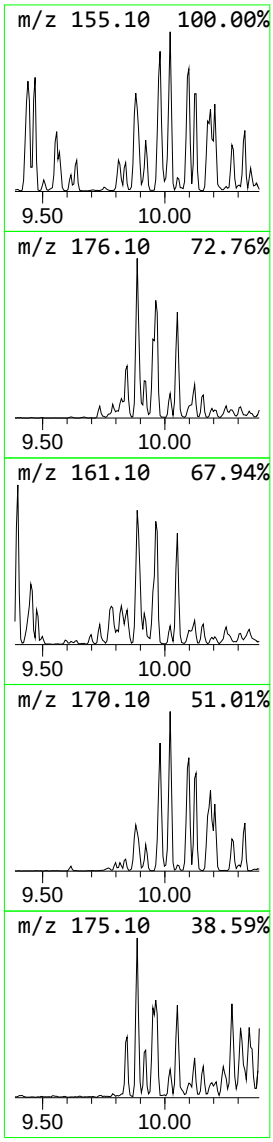
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	19.12 ng	1273170	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

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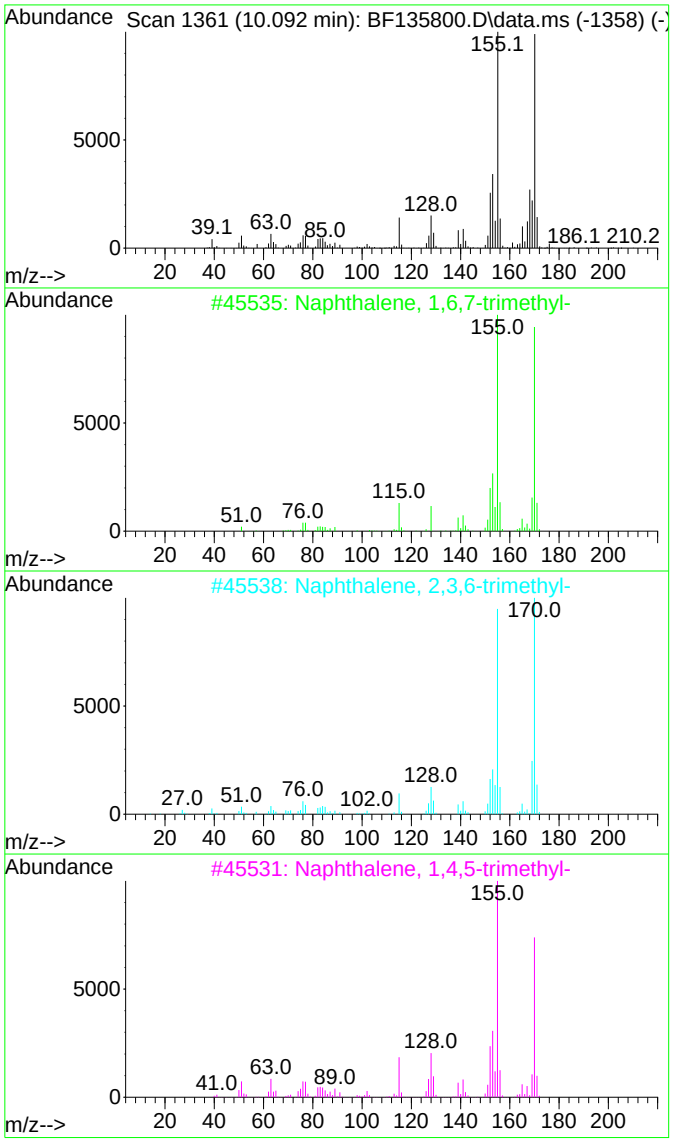
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

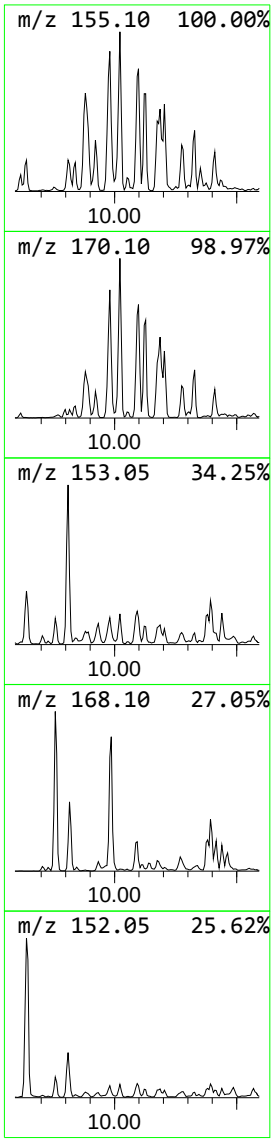
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	21.25 ng	1415340	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

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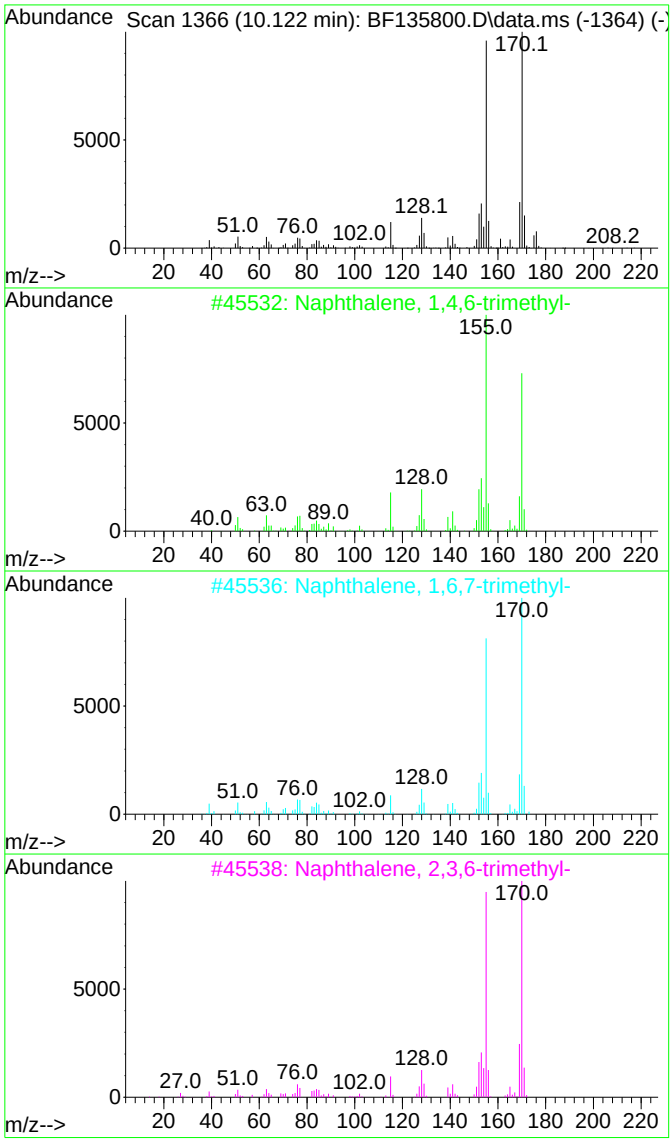
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

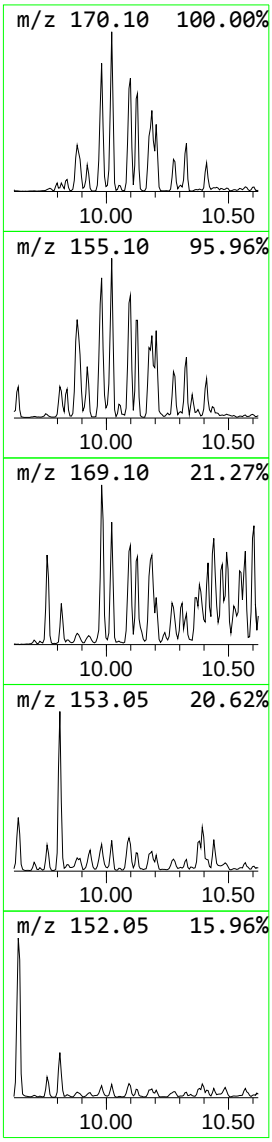
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	12.44 ng	828134	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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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Misc :
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ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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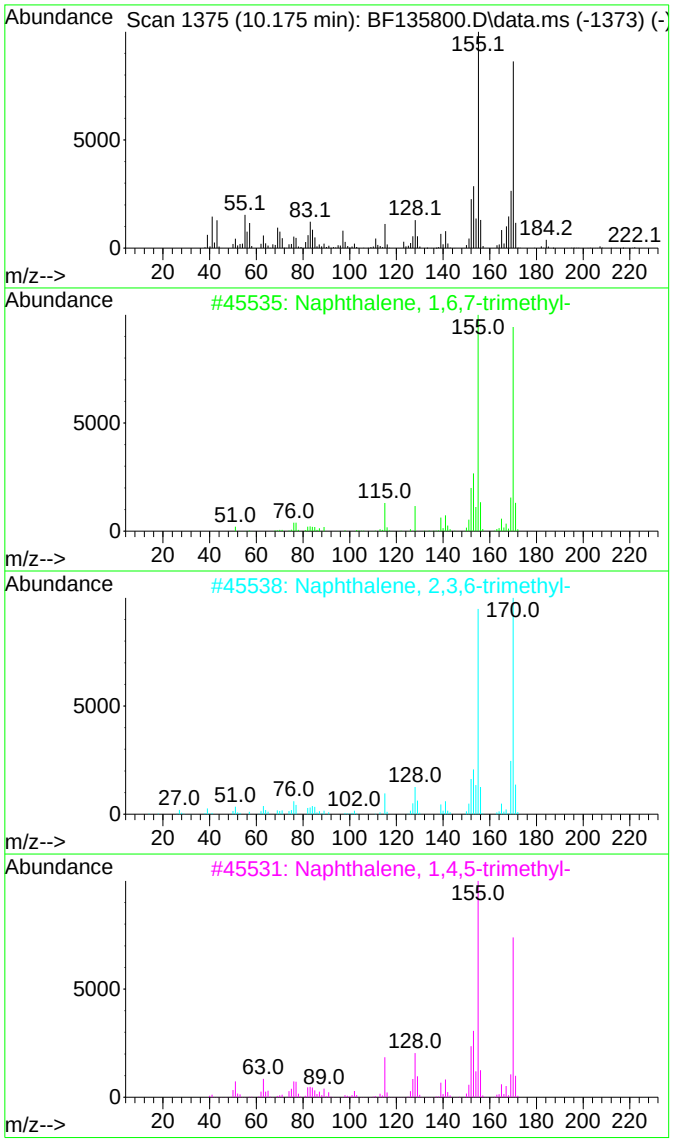
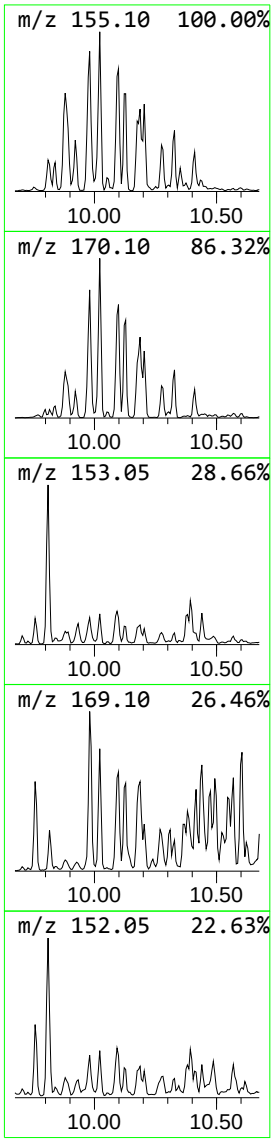
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	19.31 ng	1286110	Acenaphthene-d10	9.775

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	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





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Instrument :
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ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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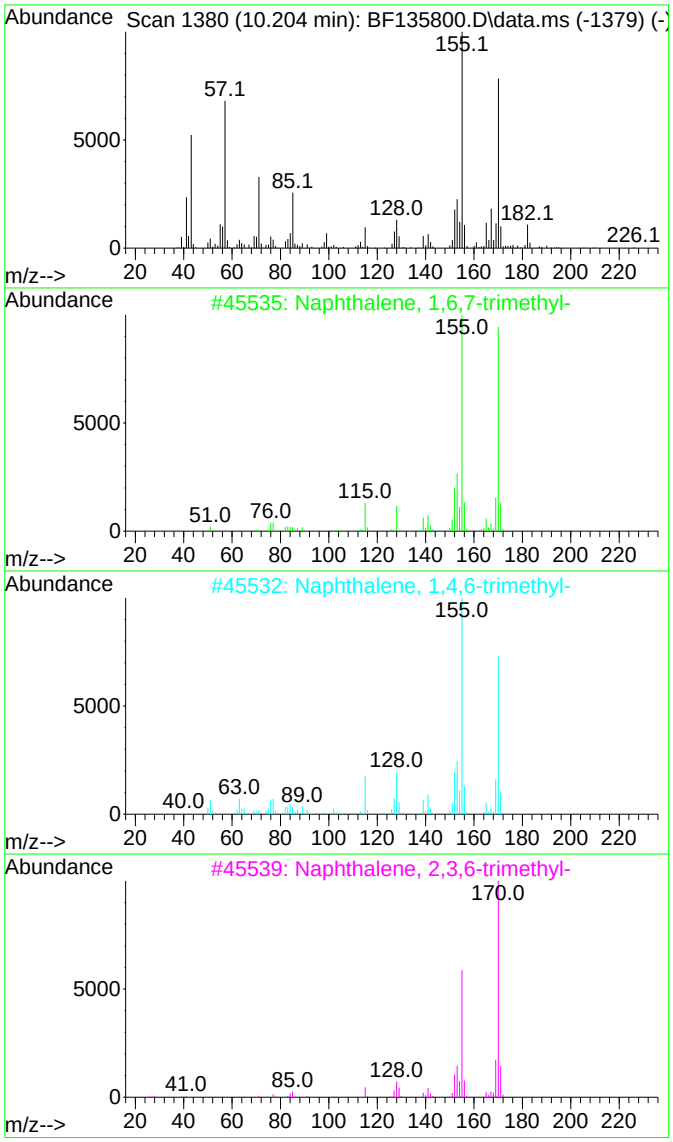
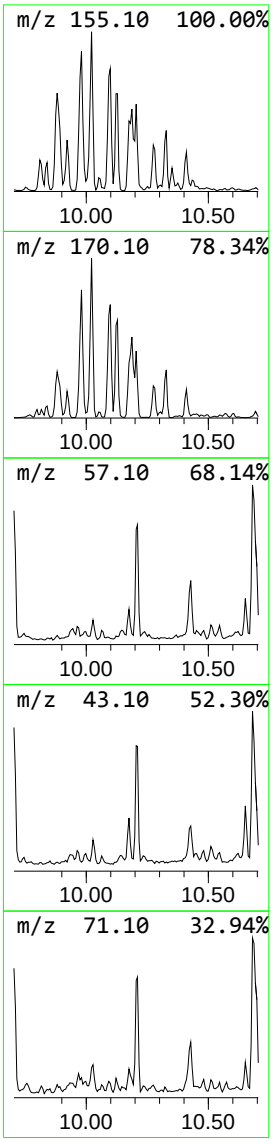
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	9.49 ng	632315	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

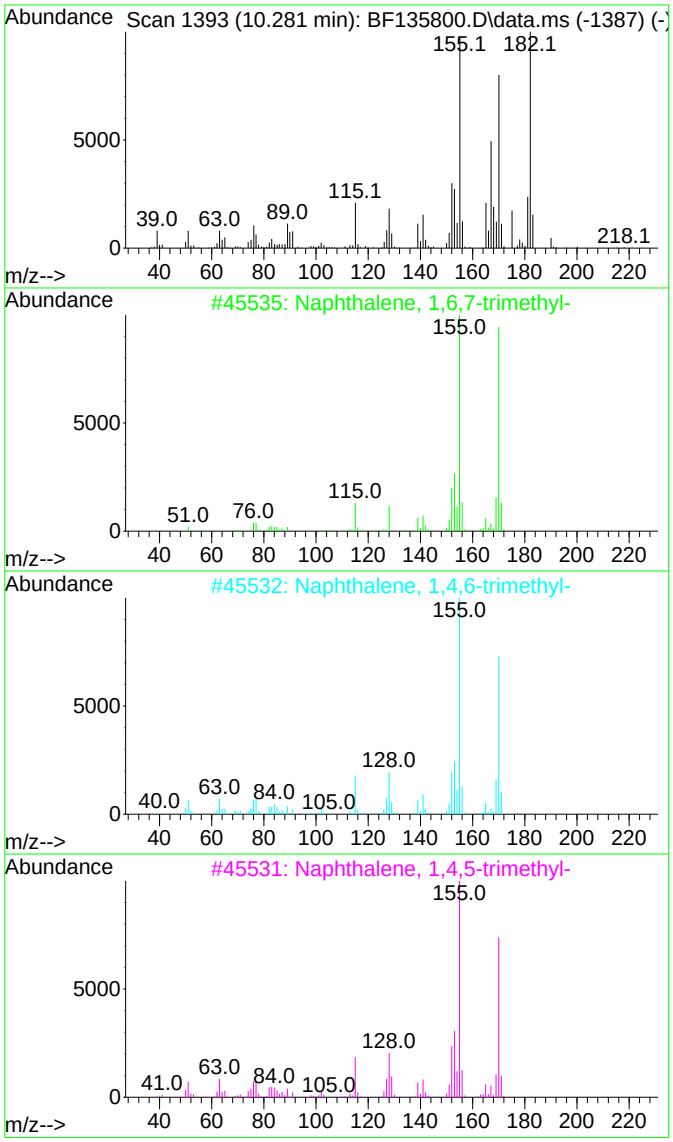
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

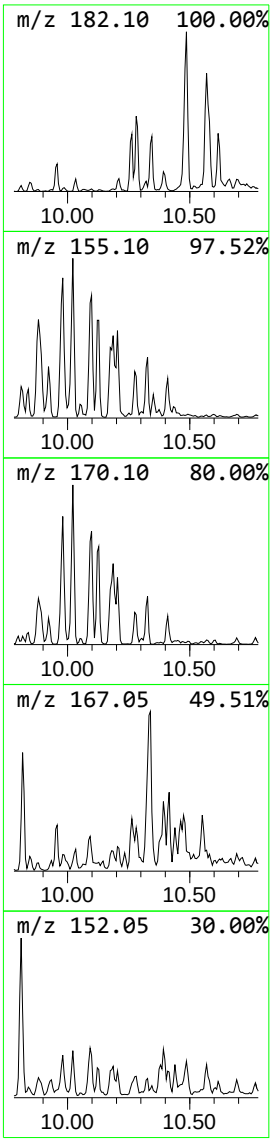
****

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	12.52 ng	834000	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

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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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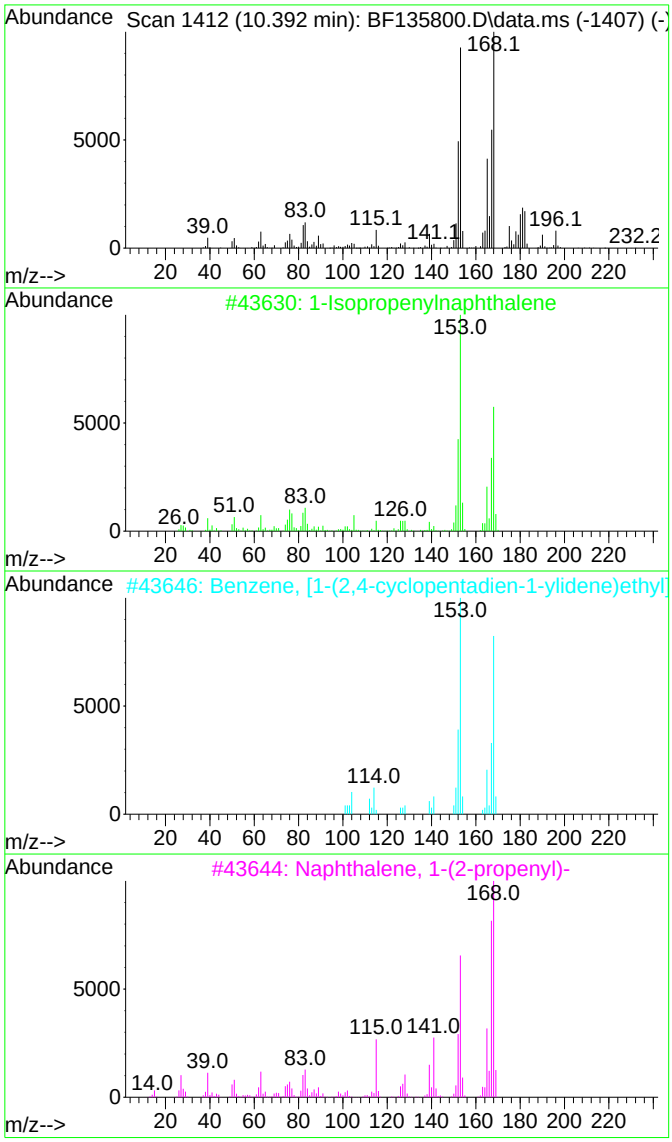
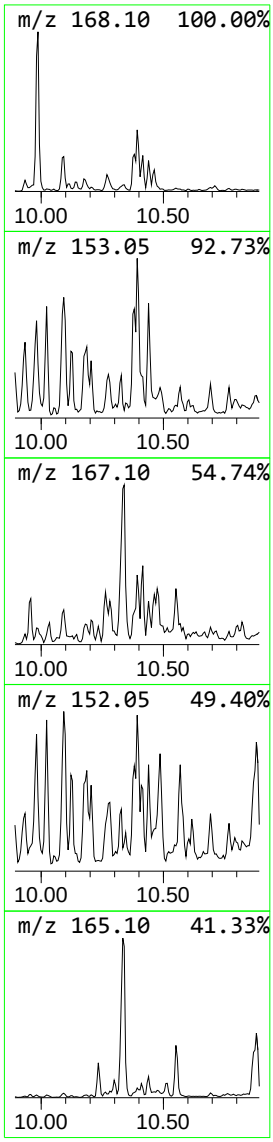
Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	15.11 ng	1006180	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	62
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38





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ALS Vial : 22 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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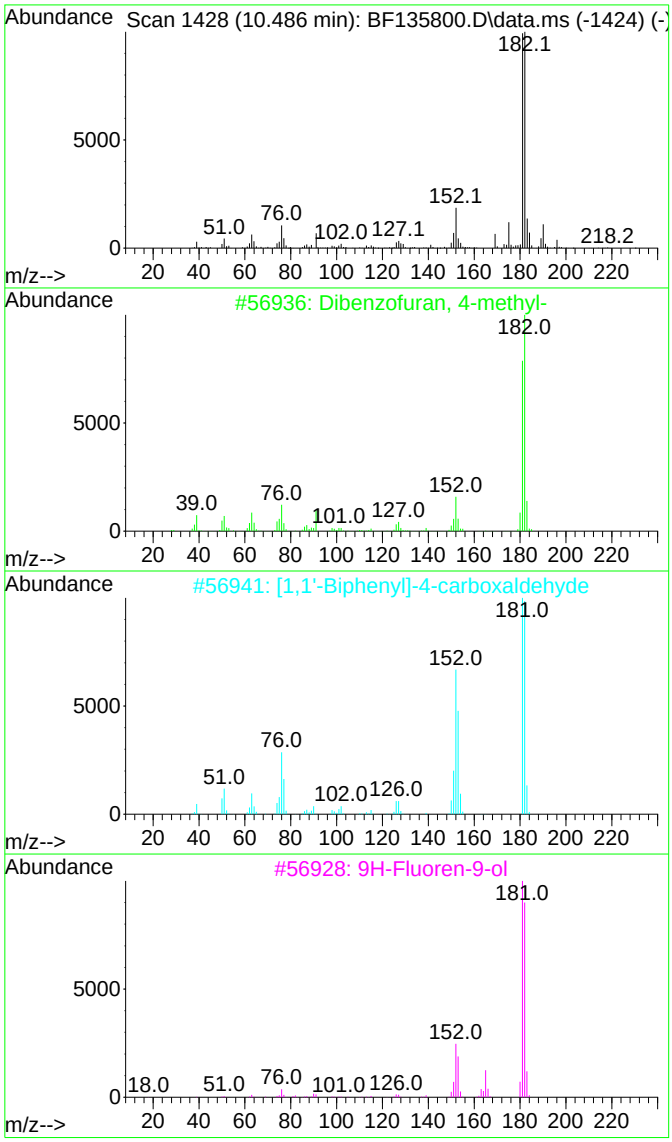
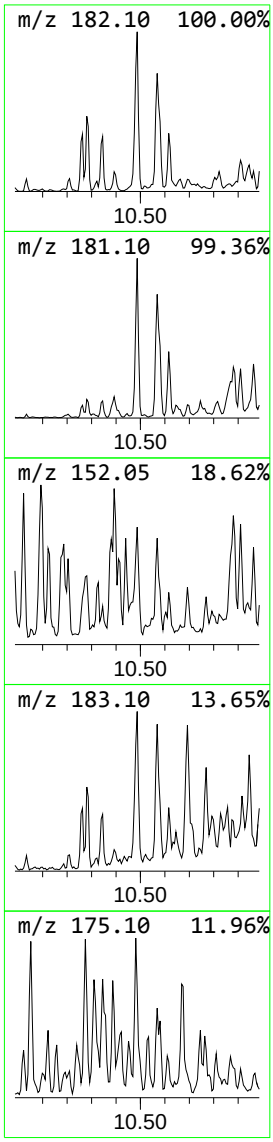
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	12.70 ng	846087	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
4	9H-Xanthene	182	C13H10O	000092-83-1	50
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	50





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Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

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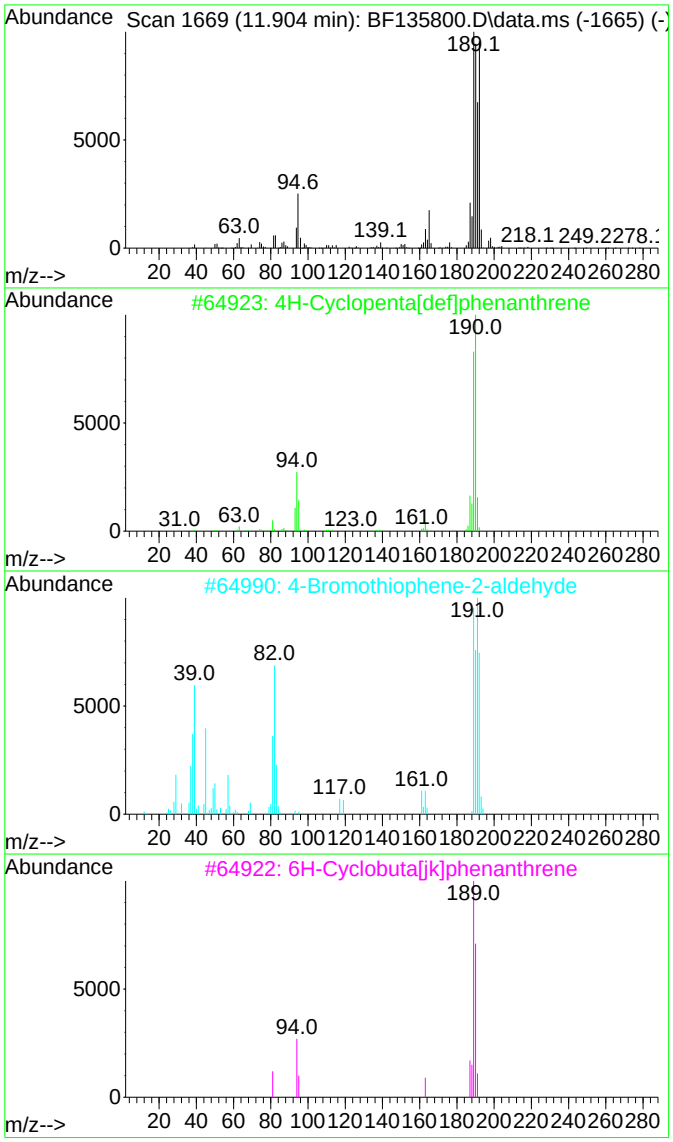
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

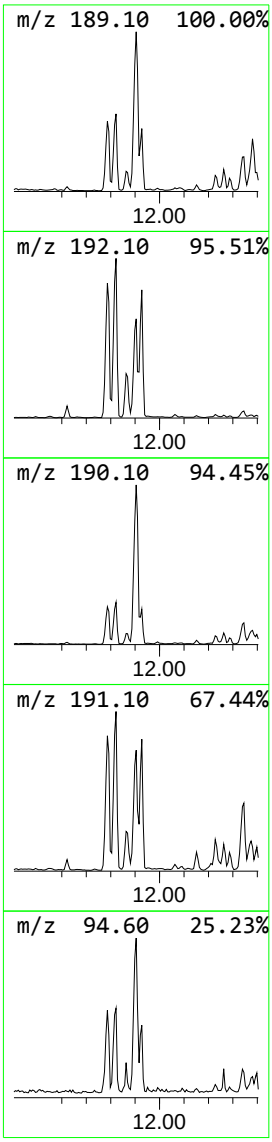
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	8.97 ng	4491680	Phenanthrene-d10	11.281

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	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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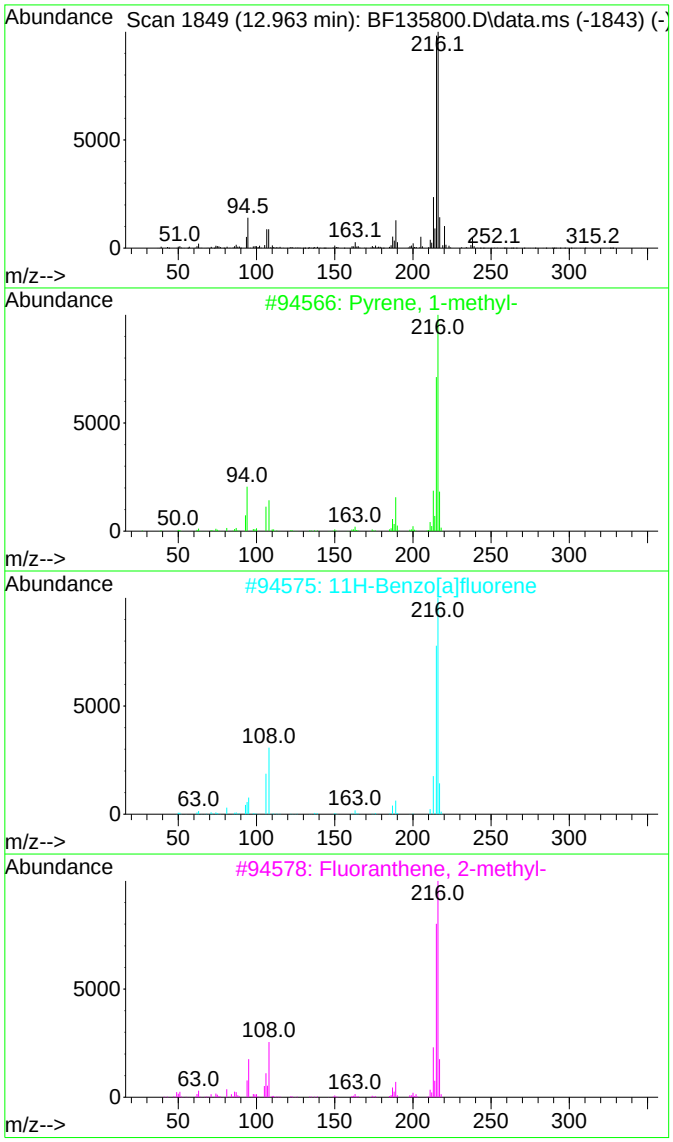
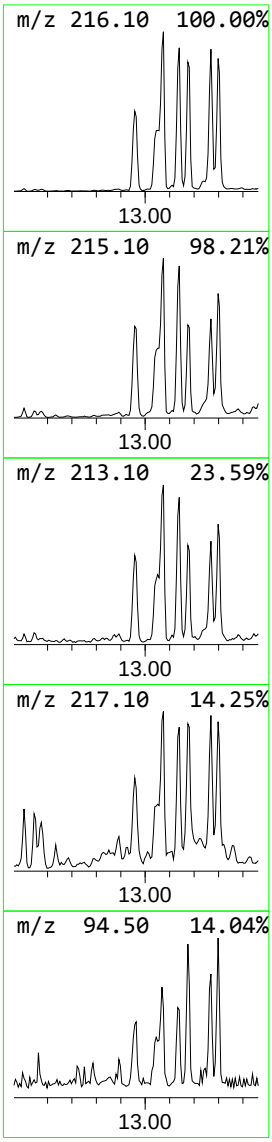
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	9.44 ng	1907660	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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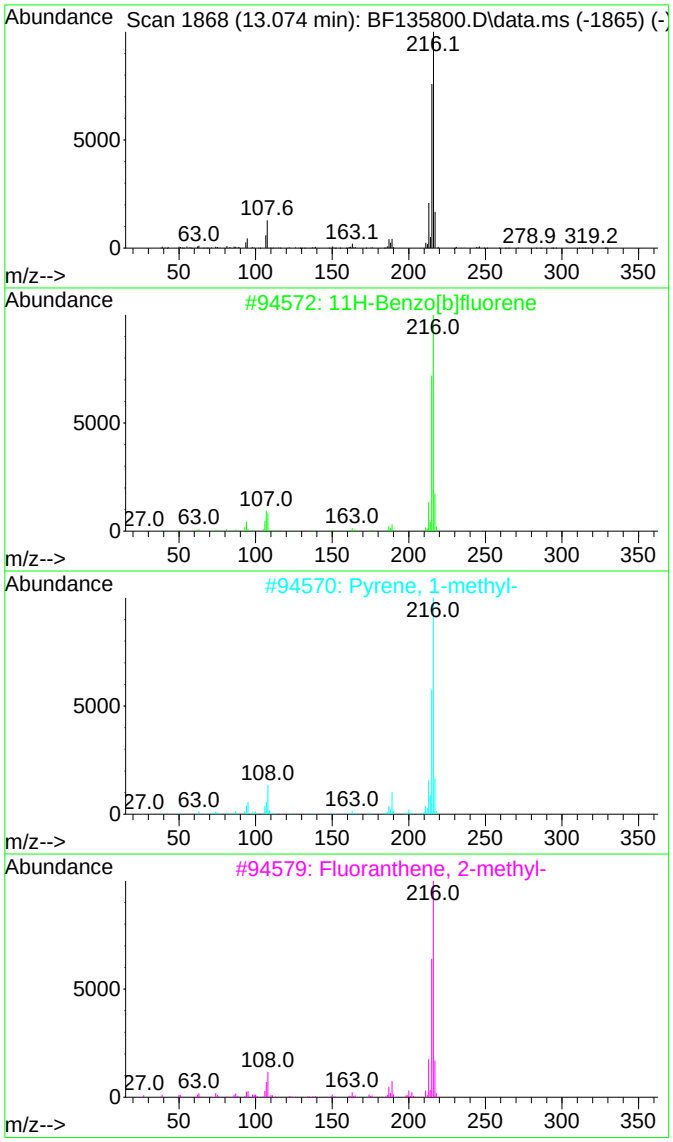
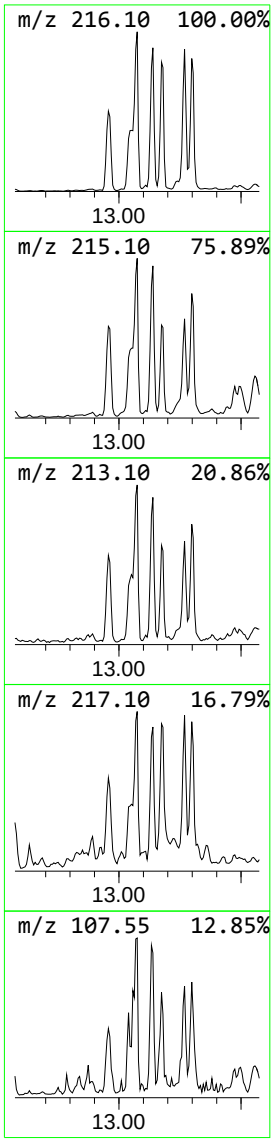
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	9.05 ng	1827670	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF135800.D
Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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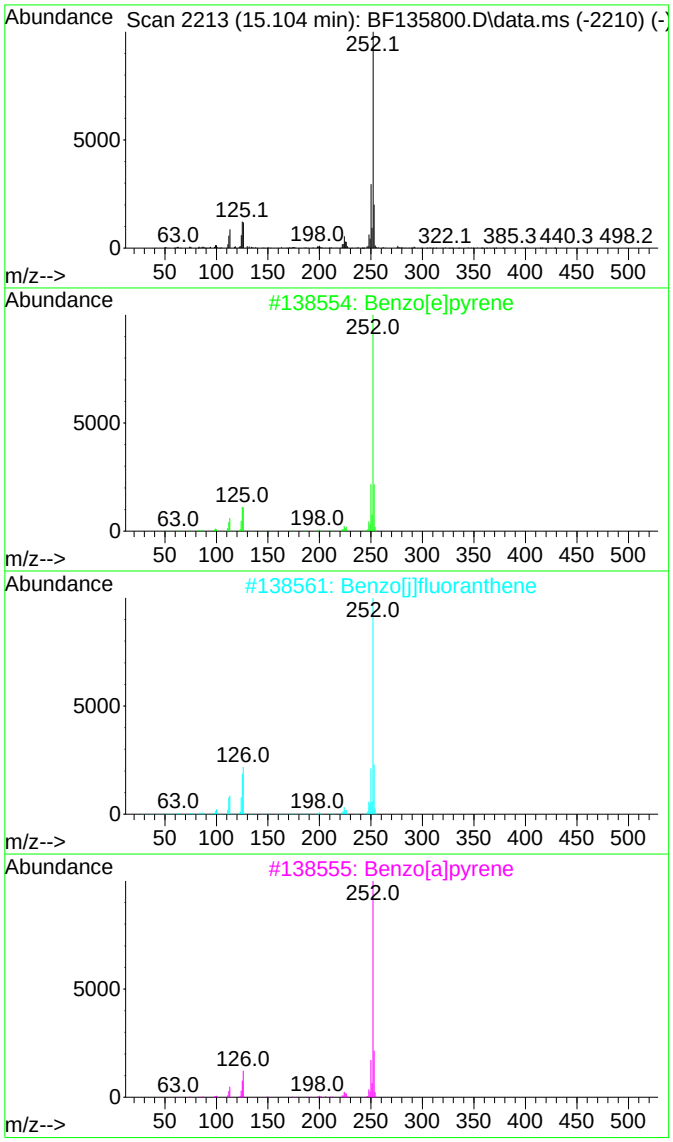
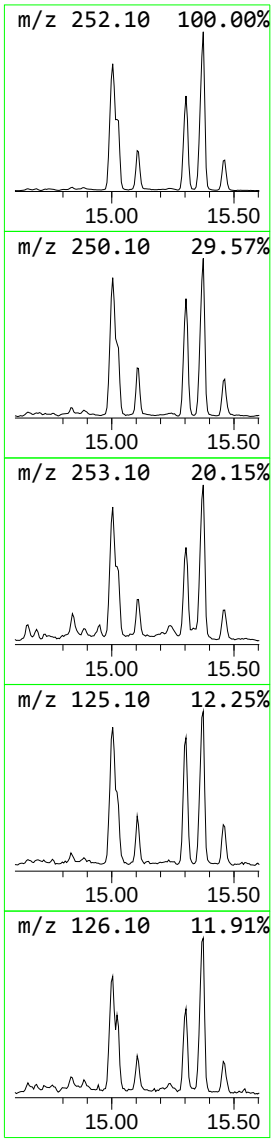
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	20.29 ng	500492	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135800.D
Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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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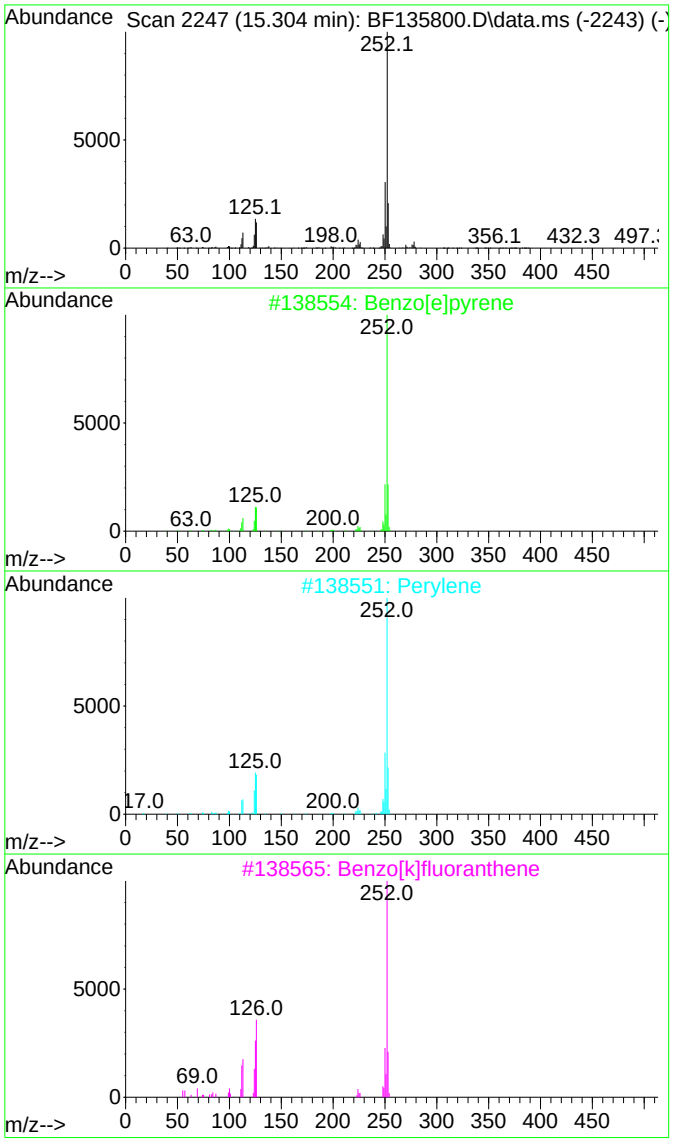
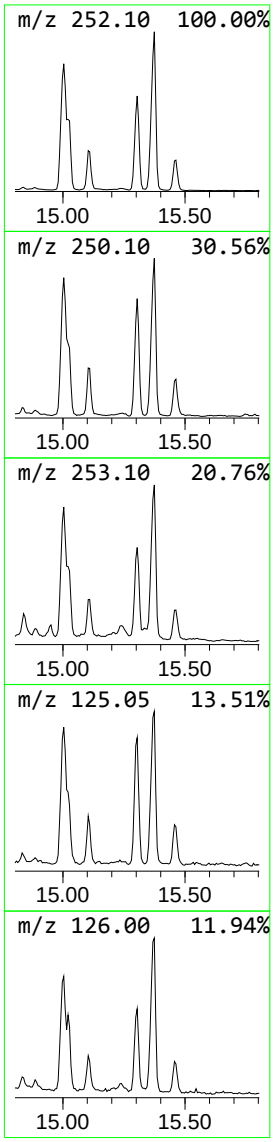
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	50.15 ng	1237160	Perylene-d12	15.427

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135800.D
Acq On : 17 Oct 2023 03:29
Operator : CG\JU
Sample : 04704-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-2(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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
Cyclopropane, 1...	7.751	15.3	ng	726099	2	8.016	949266	20.0
Benzo[b]thiophe...	9.269	8.9	ng	591224	3	9.775	1331930	20.0
Naphthalene, 2-...	9.292	21.6	ng	1440260	3	9.775	1331930	20.0
Naphthalene, 2,...	9.369	54.3	ng	3613510	3	9.775	1331930	20.0
Naphthalene, 2,...	9.439	64.5	ng	4294470	3	9.775	1331930	20.0
Naphthalene, 1,...	9.469	34.8	ng	2320410	3	9.775	1331930	20.0
Naphthalene, 1,...	9.557	35.5	ng	2361250	3	9.775	1331930	20.0
Naphthalene, 2-...	9.886	19.1	ng	1273170	3	9.775	1331930	20.0
Naphthalene, 1,...	10.092	21.3	ng	1415340	3	9.775	1331930	20.0
Naphthalene, 1,...	10.122	12.4	ng	828134	3	9.775	1331930	20.0
Naphthalene, 2,...	10.175	19.3	ng	1286110	3	9.775	1331930	20.0
Naphthalene, 1,...	10.204	9.5	ng	632315	3	9.775	1331930	20.0
4,6,8-Trimethyl...	10.281	12.5	ng	834000	3	9.775	1331930	20.0
1-Isopropenylna...	10.392	15.1	ng	1006180	3	9.775	1331930	20.0
Dibenzofuran, 4...	10.486	12.7	ng	846087	3	9.775	1331930	20.0
4H-Cyclopenta[d...	11.904	9.0	ng	4491680	4	11.281	10013300	20.0
Pyrene, 1-methyl-	12.963	9.4	ng	1907660	5	13.951	4040720	20.0
11H-Benzo[b]flu...	13.075	9.1	ng	1827670	5	13.951	4040720	20.0
Benzo[e]pyrene	15.104	20.3	ng	500492	6	15.427	493340	20.0
Perylene	15.304	50.1	ng	1237160	6	15.427	493340	20.0