LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 21500

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	539	542	554	rBV	1425163	1508294	21.75%	2.406%
2	6.492	711	715	724	rBV	1404317	1478495	21.32%	2.358%
3	6.822	767	771	774	rBV	532022	399238	5.76%	0.637%
4	7.386	862	867	870	rBV	1104724	981192	14.15%	1.565%
5	8.104	983	989	991	rBV	596523	507427	7.32%	0.809%
6	8.128	991	993	996	rVB	479279	354760	5.12%	0.566%
7	8.822	1106	1111	1114	rBV	1733129	1357561	19.57%	2.165%
8	8.869	1115	1119	1123	rVV	177865	146601	2.11%	0.234%
9	8.916	1123	1127	1131	rVB	817955	731774	10.55%	1.167%
10	9.180	1168	1172	1175	rVB	1572868	1207306	17.41%	1.926%
11	9.280	1187	1189	1194	rVB	426281	316666	4.57%	0.505%
12	9.375	1202	1205	1212	rVB	175253	188827	2.72%	0.301%
13	9.451	1212	1218	1221	rBV	428511	570564	8.23%	0.910%
14	9.522	1224	1230	1232	rBV	581380	603346	8.70%	0.962%
15	9.545	1232	1234	1239	rVB	413610	304453	4.39%	0.486%
16	9.633	1243	1249	1251	rBV2	216686	235749	3.40%	0.376%
17	9.722	1258	1264	1269	rVB2	165479	155061	2.24%	0.247%
18	9.845	1281	1285	1286	rBV	272390	238596	3.44%	0.381%
19	9.863	1286	1288	1290	rVV	551757	419324	6.05%	0.669%
20	9.898	1290	1294	1297	rVB	2578334	2028372	29.25%	3.235%
21	9.963	1302	1305	1310	rBV2	92293	121165	1.75%	0.193%
22	10.022	1310	1315	1319	rBV2	129927	155274	2.24%	0.248%
23	10.069	1319	1323	1326	rVB	1837512	1542040	22.23%	2.460%
24	10.104	1326	1329	1335	rVB	160229	144880	2.09%	0.231%
25	10.174	1338	1341	1344	rBV2	118353	116094	1.67%	0.185%
26	10.416	1377	1382	1385	rVV	3109077	2634788	37.99%	4.202%
27	10.457	1386	1389	1391	rVV	130291	150637	2.17%	0.240%
28	10.474	1391	1392	1394	rVV	255221	188325	2.72%	0.300%
29	10.498	1394	1396	1398	rVV	373229	299996	4.33%	0.478%
30	10.545	1402	1404	1405	rVV	177900	142947	2.06%	0.228%
31	10.569	1405	1408	1412	rVV	483095	438558	6.32%	0.699%
32	10.651	1412	1422	1426	rVV	1309796	1417506	20.44%	2.261%
33	10.698	1426	1430	1433	rVB2	110872	138460	2.00%	0.221%
34	10.774	1438	1443	1446	rVB4	145706	146377	2.11%	0.233%
35	10.957	1468	1474	1477	rBV2	475737	534161	7.70%	0.852%
36	10.986	1477	1479	1482	rVV2	179614	174094	2.51%	0.278%

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Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.039	1485	1488	1491	rVV2	198934	185535	2.68%	0.296%
38	11.086	1491	1496	1497	rVV2	165777	203189	2.93%	0.324%
39	11.110	1497	1500	1502	rVV2	200738	222822	3.21%	0.355%
40	11.151	1505	1507	1512	rVV2	137178	163957	2.36%	0.262%
41	11.198	1512	1515	1520	rVV	209813	270331	3.90%	0.431%
42	11.245	1520	1523	1529	rVB	585422	509386	7.34%	0.812%
43	11.351	1536	1541	1542	rBV	361462	344272	4.96%	0.549%
44	11.386	1542	1547	1550	rVV	5841962	6935222	100.00%	11.062%
45	11.427	1550	1554	1557	rVV	1057592	900636	12.99%	1.436%
46	11.457	1557	1559	1562	rVB3	211780	189505	2.73%	0.302%
47	11.586	1578	1581	1589	rVV	480636	541437	7.81%	0.864%
48	11.645	1589	1591	1595	rVV2	145350	138454	2.00%	0.221%
49	11.680	1595	1597	1602	rVB3	116056	121680	1.75%	0.194%
50	11.851	1620	1626	1629	rBV	730136	708003	10.21%	1.129%
51	11.880	1629	1631	1635	rVB	1104084	902403	13.01%	1.439%
52	11.927	1635	1639	1642	rBV	341787	330562	4.77%	0.527%
53	11.968	1642	1646	1648	rBV	1539957	1416375	20.42%	2.259%
54	12.151	1674	1677	1679	rVV	427436	397689	5.73%	0.634%
55	12.174	1679	1681	1684	rVB2	192167	156217	2.25%	0.249%
56	12.298	1696	1702	1704	rBV	140104	160120	2.31%	0.255%
57	12.327	1704	1707	1709	rVV	154927	128591	1.85%	0.205%
58	12.404	1716	1720	1723	rBV	259156	314447	4.53%	0.502%
59	12.439	1723	1726	1728	rVV	192666	213266	3.08%	0.340%
60	12.492	1732	1735	1740	rBV2	238125	282589	4.07%	0.451%
61	12.580	1743	1750	1753	rBV	4676271	5093152	73.44%	8.123%
62	12.715	1766	1773	1777	rVV3	150949	236272	3.41%	0.377%
63	12.804	1781	1788	1792	rBV2	3222998	4305852	62.09%	6.868%
64	12.845	1792	1795	1800	rVB2	224730	250878	3.62%	0.400%
65	12.915	1800	1807	1808	rBV	272930	303997	4.38%	0.485%
66	12.939	1808	1811	1817	rVB	1606896	1462231	21.08%	2.332%
67	13.015	1817	1824	1827	rBV3	311875	524883	7.57%	0.837%
68	13.098	1835	1838	1840	rBV2	302943	333686	4.81%	0.532%
69	13.127	1840	1843	1846	rVB	926685	824185	11.88%	1.315%
70	13.192	1850	1854	1856	rBV	1018818	825704	11.91%	1.317%
71	13.227	1856	1860	1863	rVV2	436143	478567	6.90%	0.763%
72	13.321	1873	1876	1878	rBV	155242	134106	1.93%	0.214%
73	13.351	1878	1881	1887	rBV2	141539	172182	2.48%	0.275%
74	13.527	1904	1911	1912	rBV4	120967	208103	3.00%	0.332%
75	13.604	1921	1924	1926	rBV2	132662	143959	2.08%	0.230%
76	13.633	1926	1929	1933	rVB	142285	179171	2.58%	0.286%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.745	1943	1948	1950	rBV	308455	331149	4.77%	0.528%
78	13.774	1950	1953	1954	rVV	252679	240778	3.47%	0.384%
79	13.792	1954	1956	1962	rVV2	261820	343537	4.95%	0.548%
80	13.839	1962	1964	1967	rVB	164772	127989	1.85%	0.204%
81	13.880	1967	1971	1974	rBV2	95602	150029	2.16%	0.239%
82	13.910	1974	1976	1983	rVB	113090	150670	2.17%	0.240%
83	13.986	1983	1989	1993	rBV2	1253755	1981952	28.58%	3.161%
84	14.027	1993	1996	2001	rVB	1218721	1214842	17.52%	1.938%
85	14.098	2003	2008	2014	rBV3	259605	387343	5.59%	0.618%
86	14.380	2052	2056	2059	rVV	256647	312663	4.51%	0.499%
87	14.415	2059	2062	2066	rVV3	174523	192759	2.78%	0.307%
88	14.474	2066	2072	2075	rVV3	147241	233331	3.36%	0.372%
89	14.504	2075	2077	2079	rVV2	161207	165062	2.38%	0.263%
90	14.527	2079	2081	2084	rVV2	160860	168466	2.43%	0.269%
91	14.686	2104	2108	2111	rBV2	136973	150825	2.17%	0.241%
92	15.039	2162	2168	2170	rBV	617831	929597	13.40%	1.483%
93	15.062	2170	2172	2177	rVV	365640	335980	4.84%	0.536%
94	15.109	2177	2180	2183	rVV	147511	158368	2.28%	0.253%
95	15.339	2214	2219	2224	rVB	280699	373790	5.39%	0.596%
96	15.398	2224	2229	2235	rVV2	353013	471621	6.80%	0.752%
97	15.462	2235	2240	2243	rVV2	390566	527875	7.61%	0.842%
98	15.492	2243	2245	2251	rVB3	110317	141174	2.04%	0.225%
99	15.927	2315	2319	2324	rVB	88143	126398	1.82%	0.202%
100	16.903	2479	2485	2494	rVB2	82254	188154	2.71%	0.300%

Sum of corrected areas: 62696876

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
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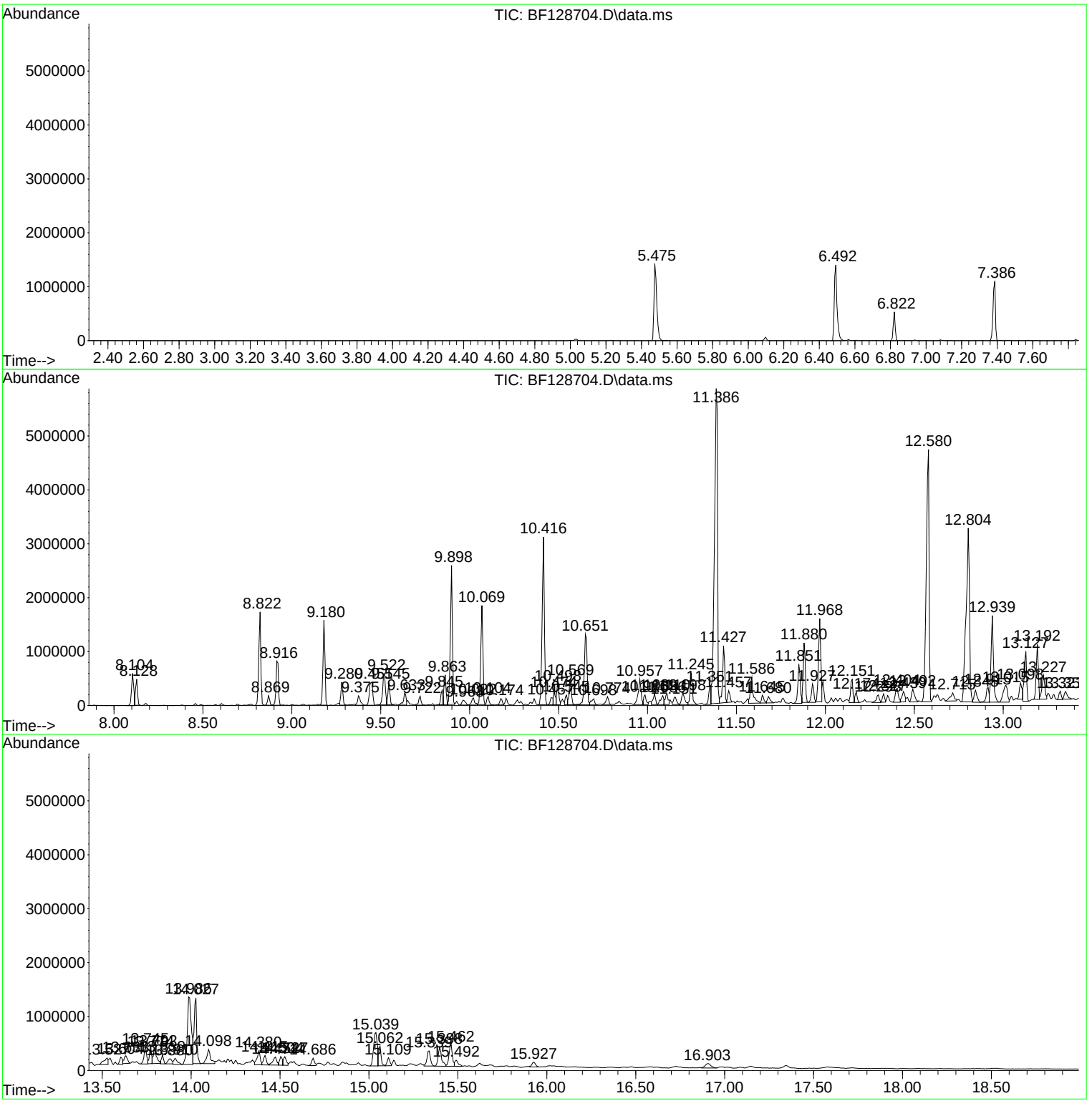
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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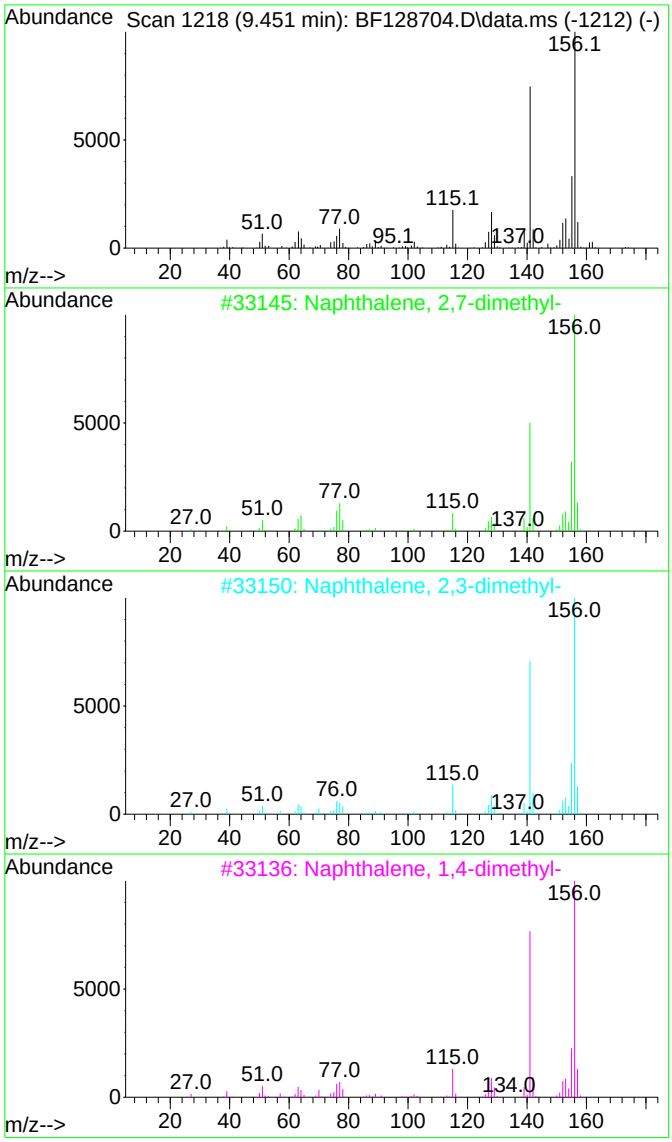
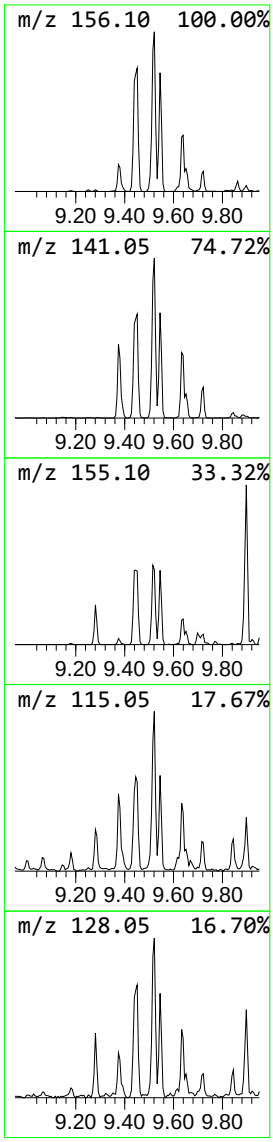
Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	27.21 ng	570564	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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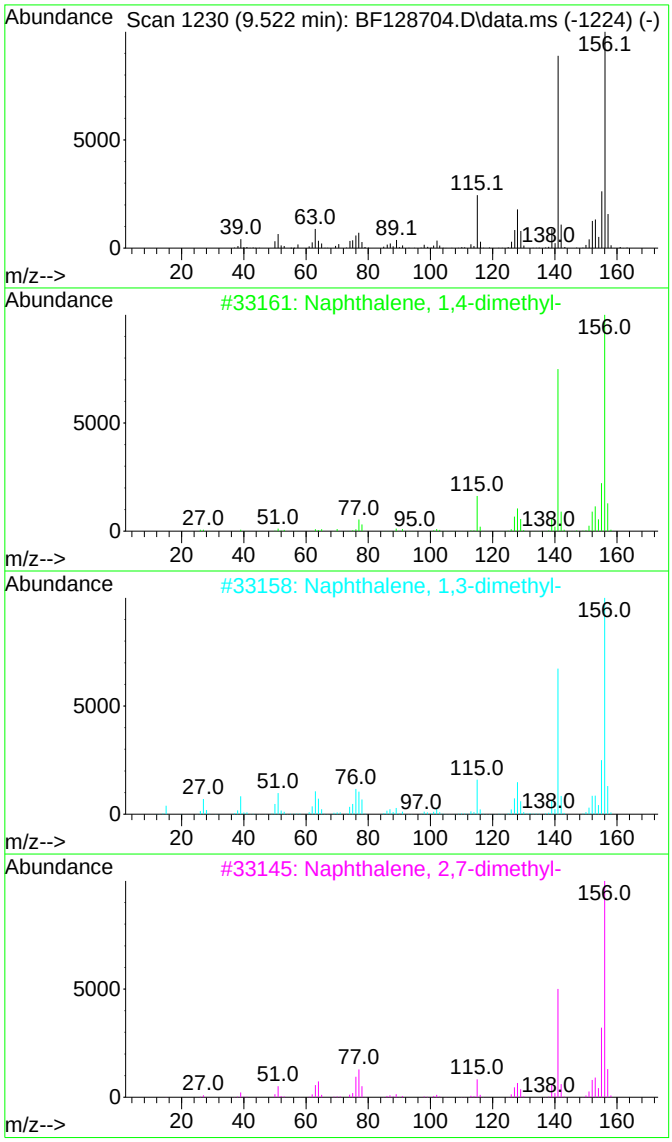
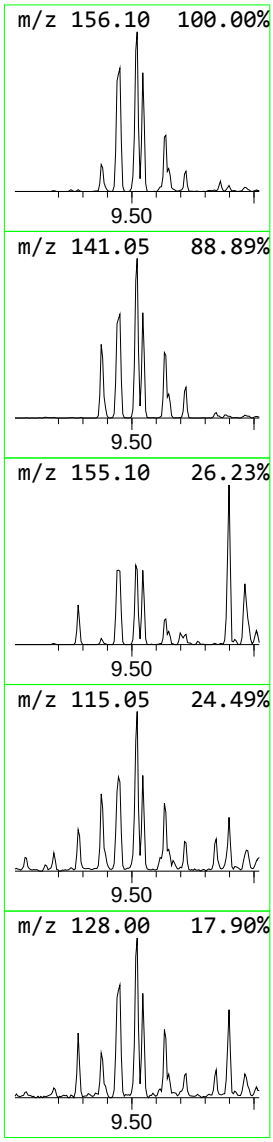
Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	28.78 ng	603346	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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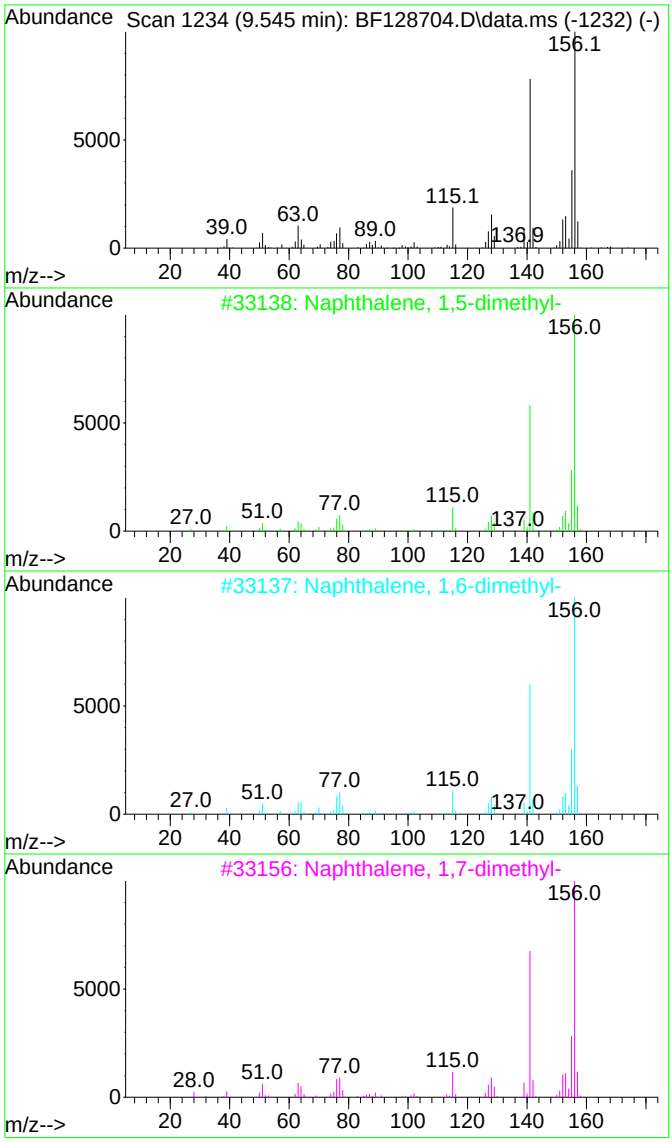
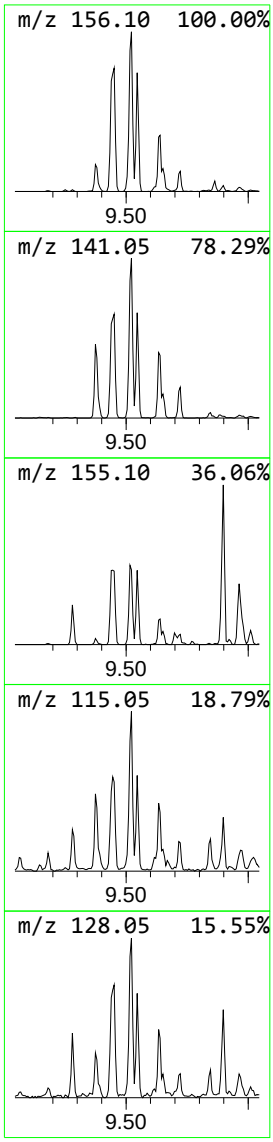
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	14.52 ng	304453	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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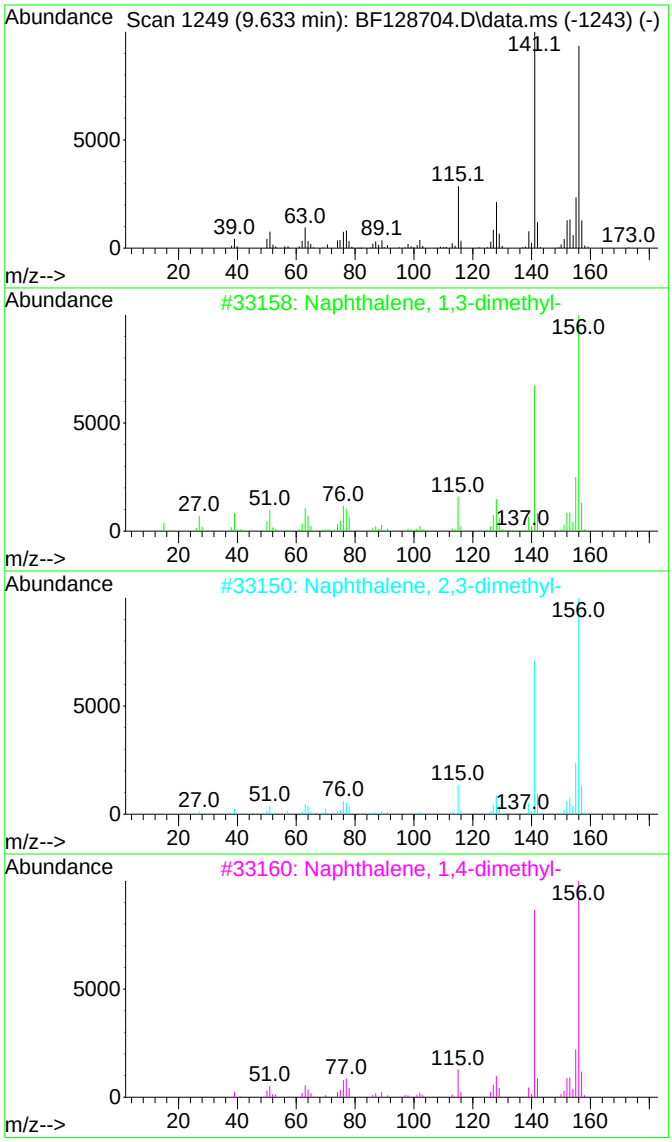
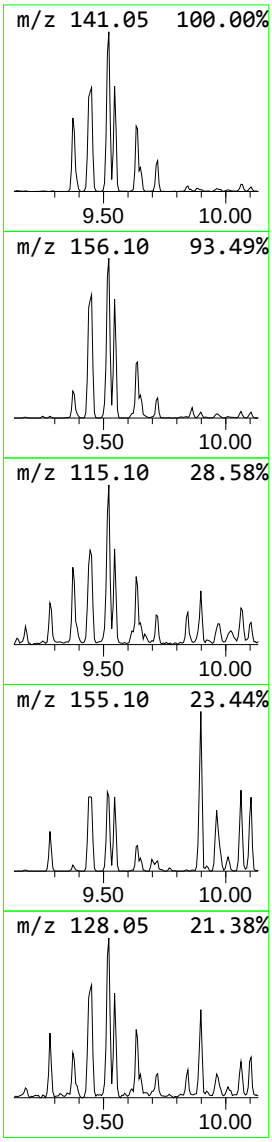
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	11.24 ng	235749	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060622\
Data File : BF128704.D
Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

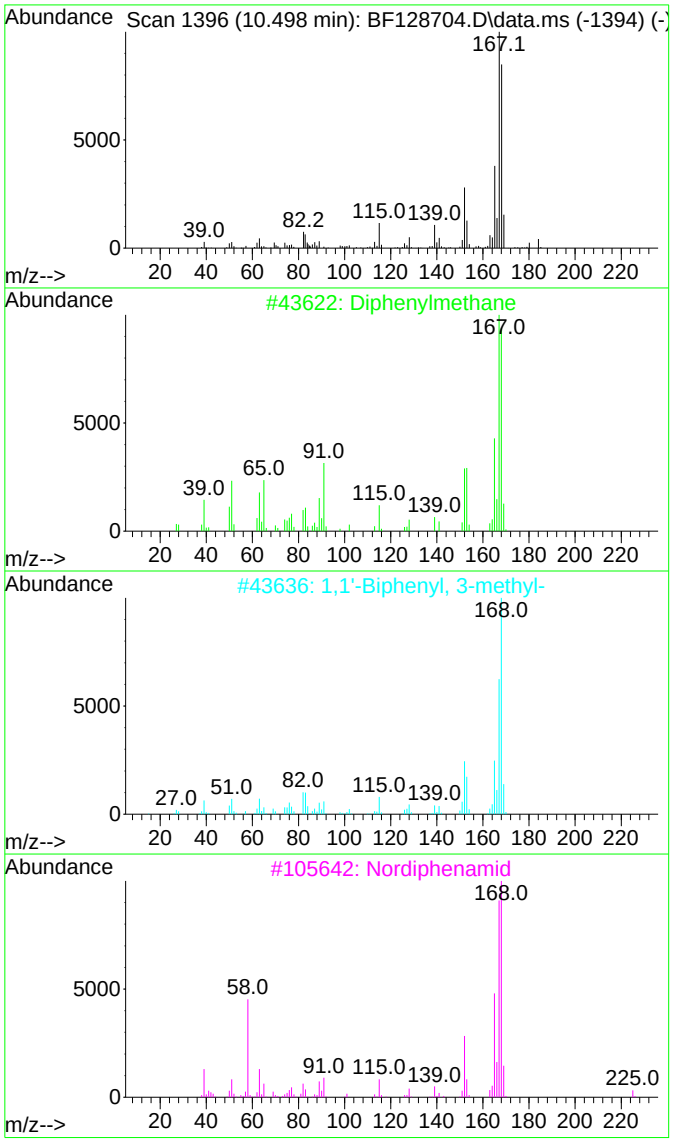
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

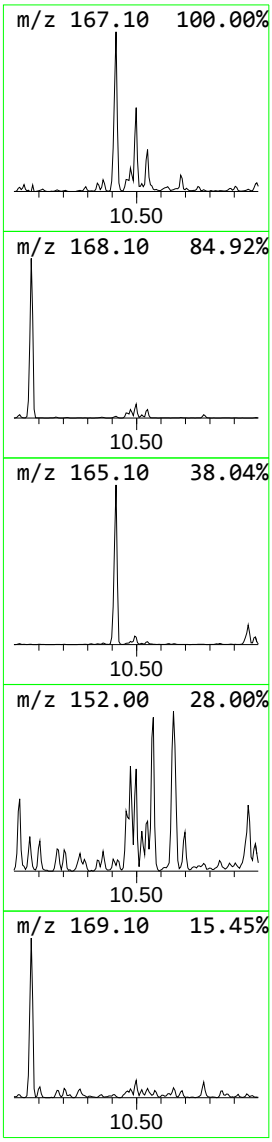
****

Peak Number 5 Diphenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	14.31 ng	299996	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
3	Nordiphenamid	225	C15H15NO	000954-21-2	83
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	81
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	81





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Operator : CG\JU
Sample : N3201-03
Misc :
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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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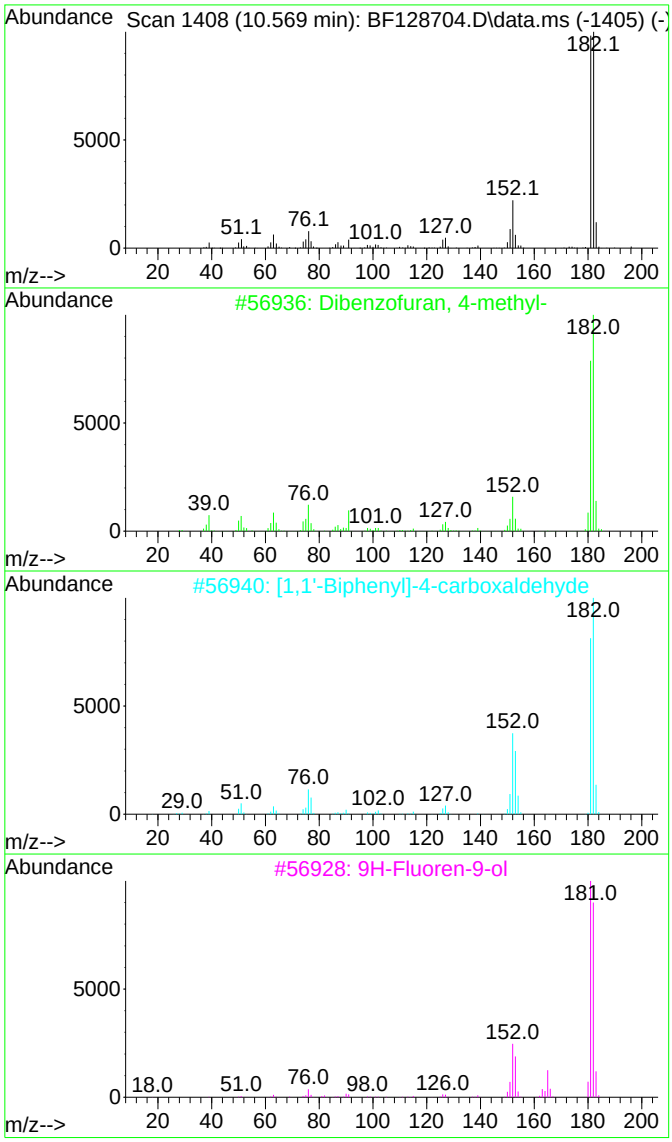
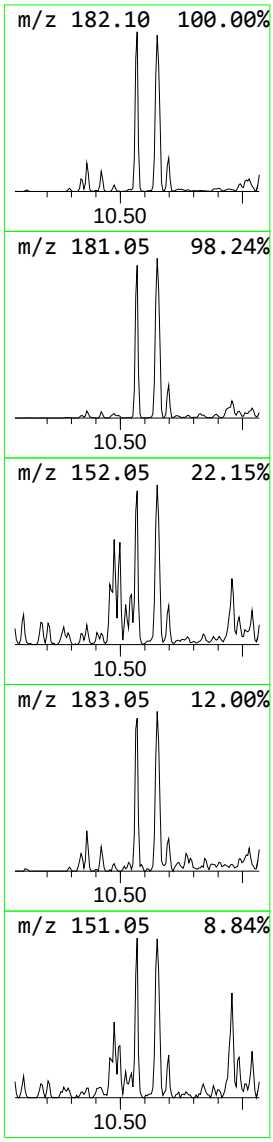
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	20.92 ng	438558	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
5	1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

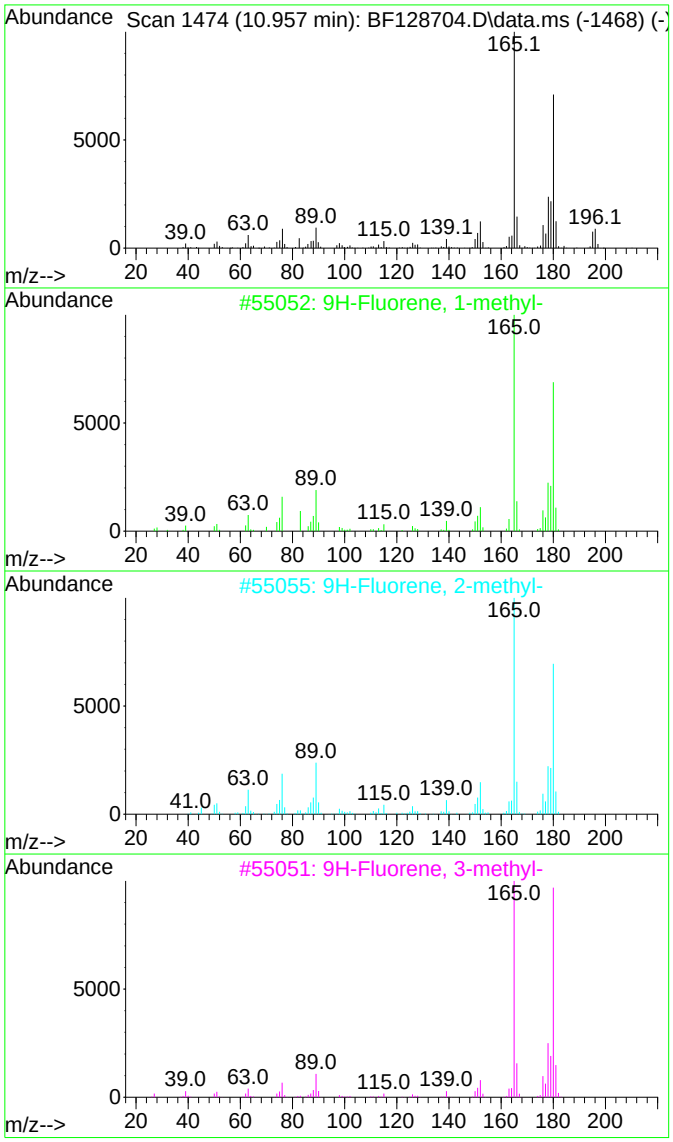
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

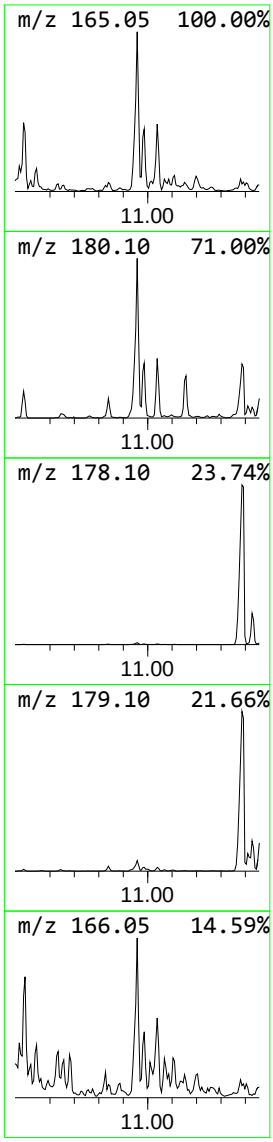
****

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	31.03 ng	534161	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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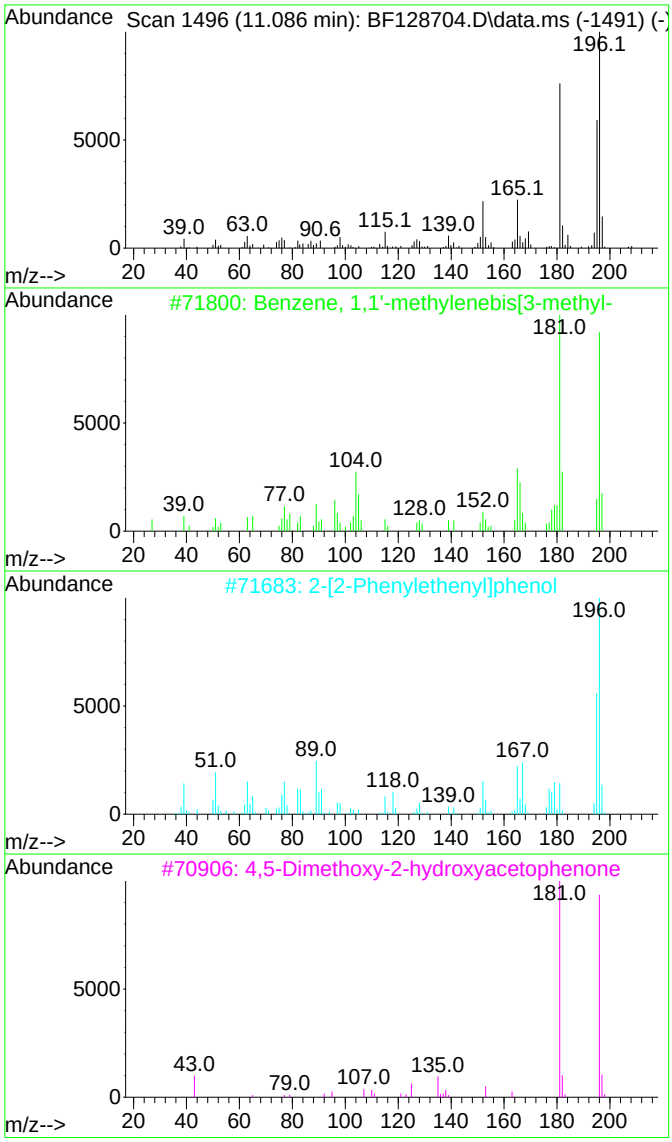
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

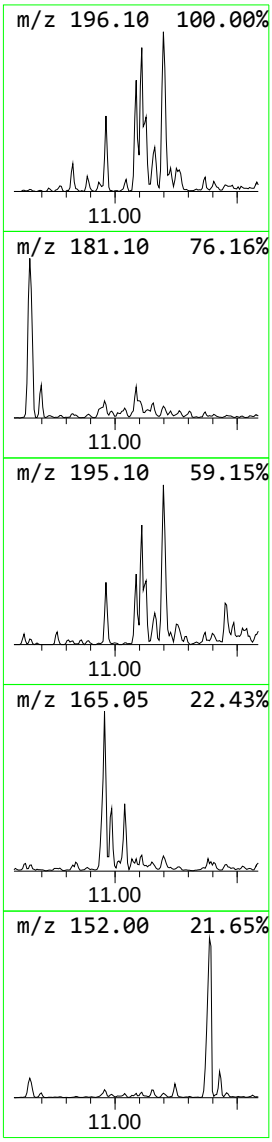
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,1'-methylenebis[... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	11.80 ng	203189	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	58
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
3	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	52
4	6-(Methylthio)benzo[d]thiazol-2-...	196	C8H8N2S2	050850-92-5	50
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

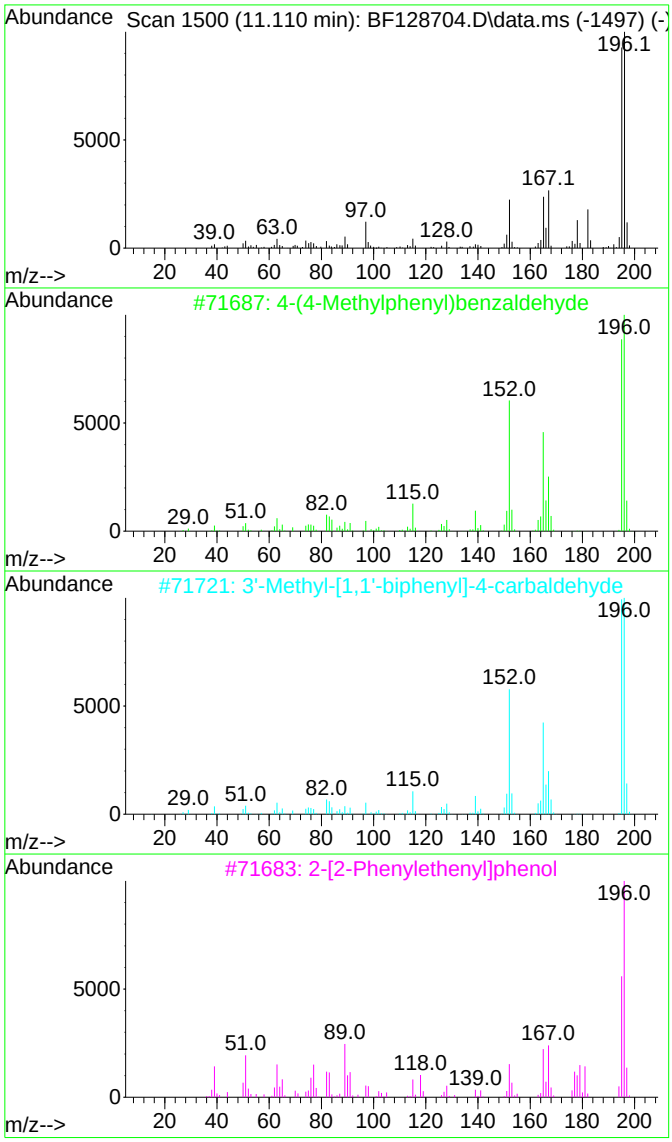
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

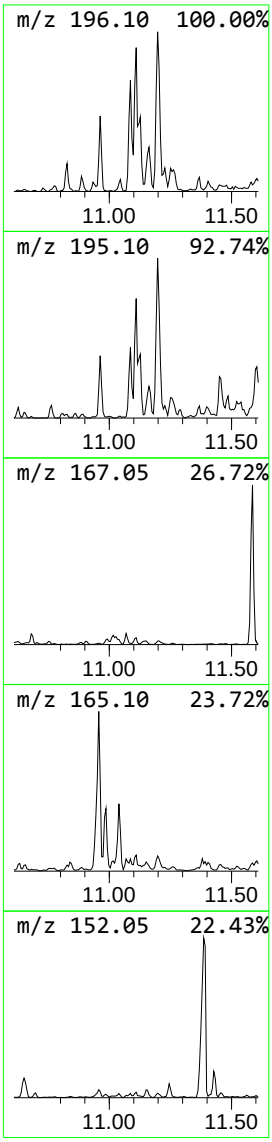
****

Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	12.94 ng	222822	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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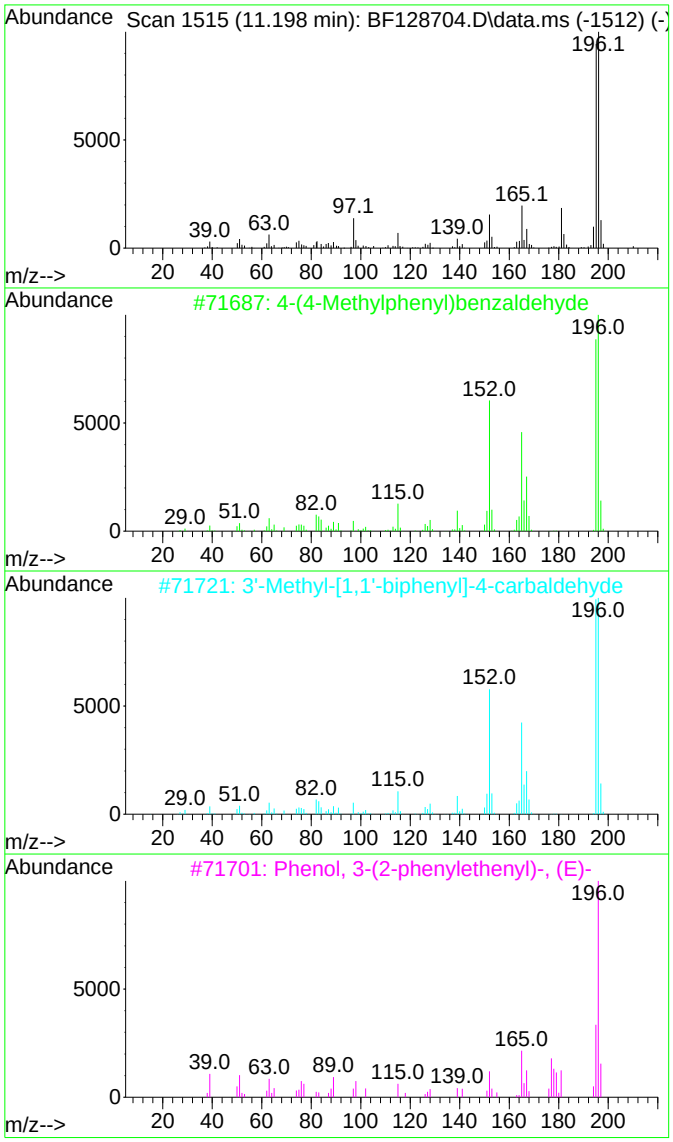
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

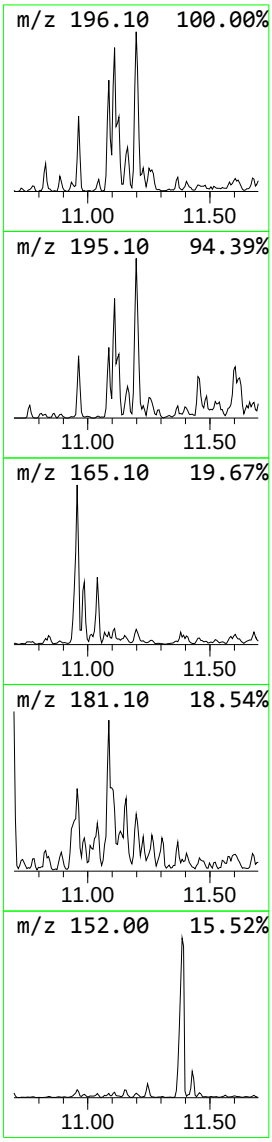
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	15.70 ng	270331	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	91
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	47





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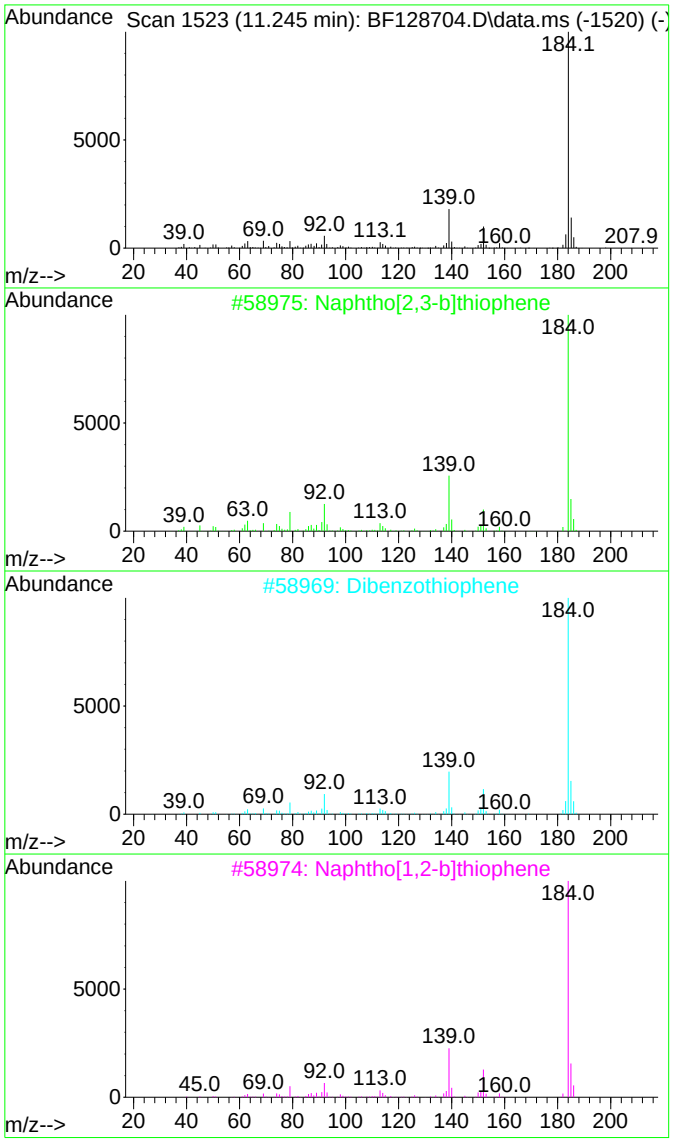
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

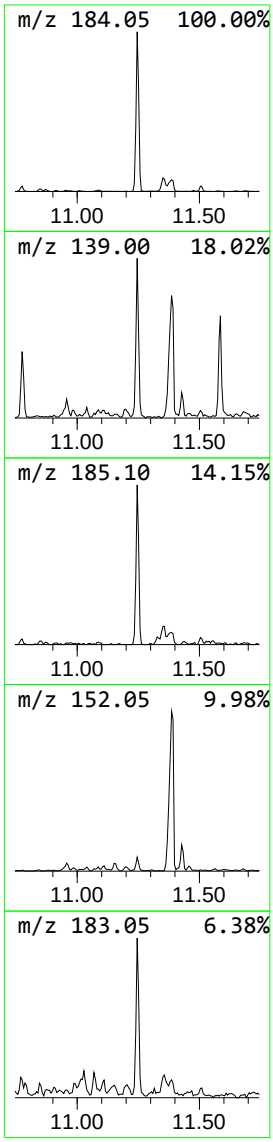
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphtho[2,3-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	29.59 ng	509386	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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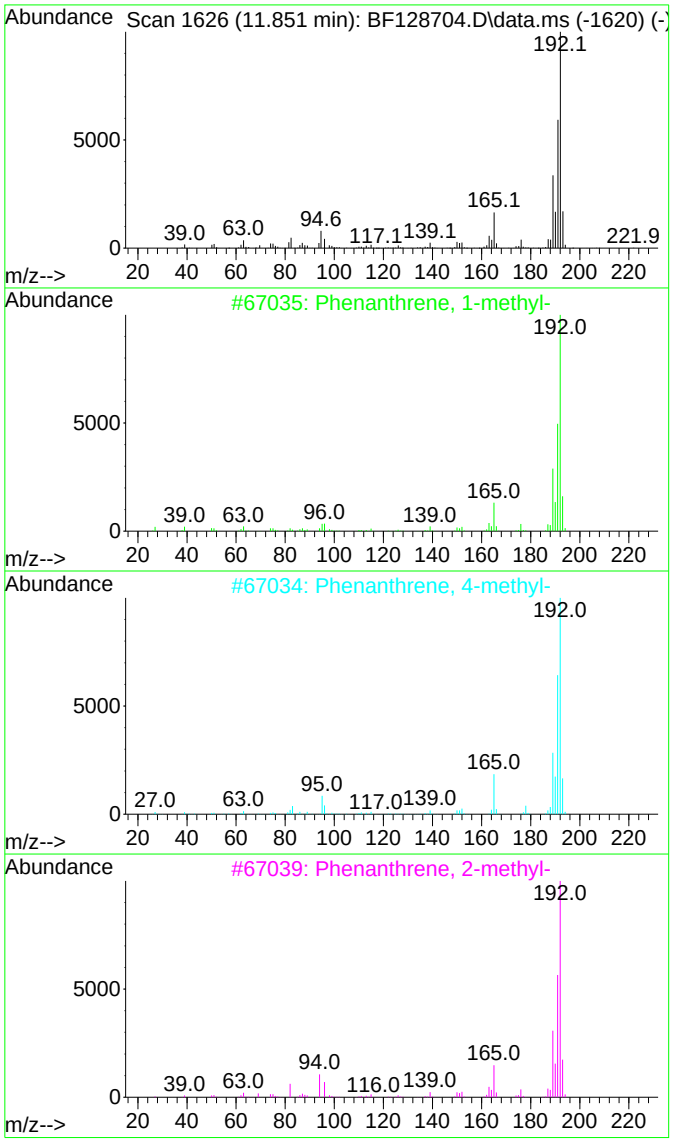
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

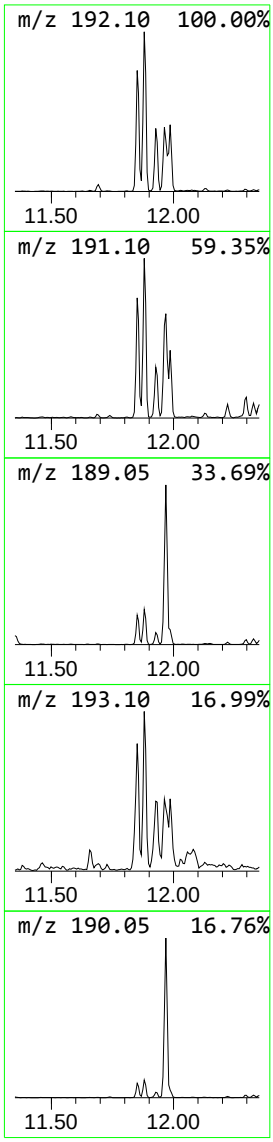
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	41.13 ng	708003	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 15 Sample Multiplier: 1

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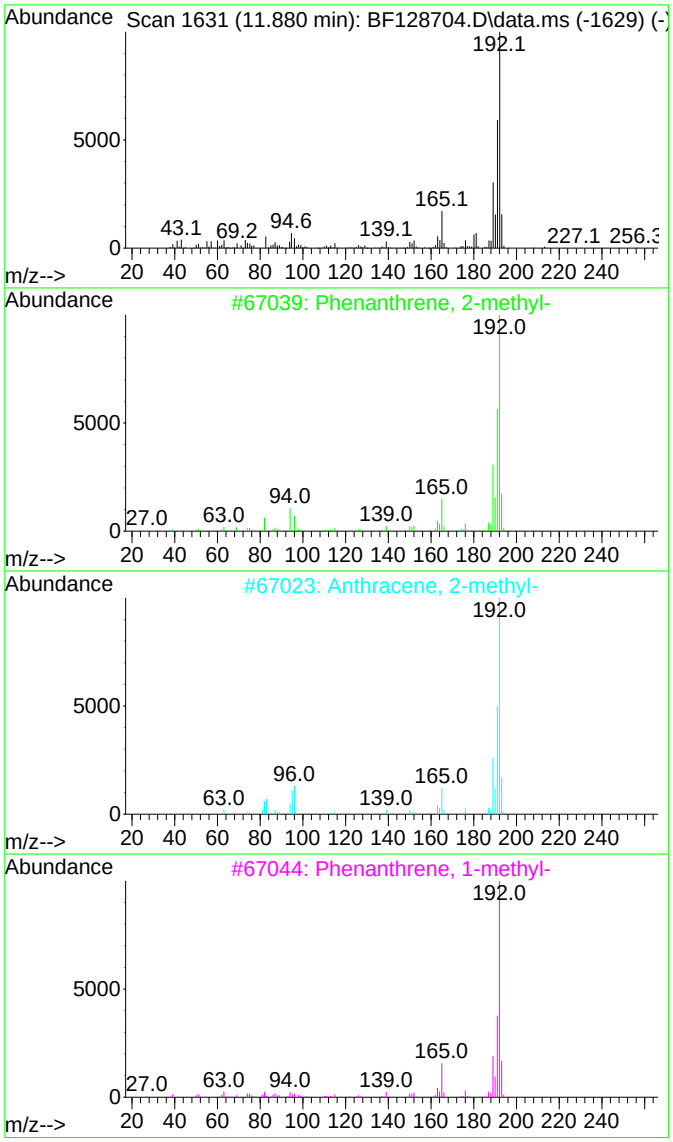
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

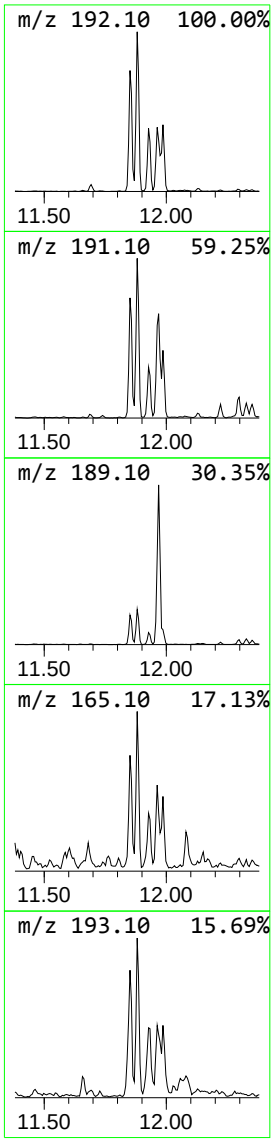
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	52.42 ng	902403	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
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	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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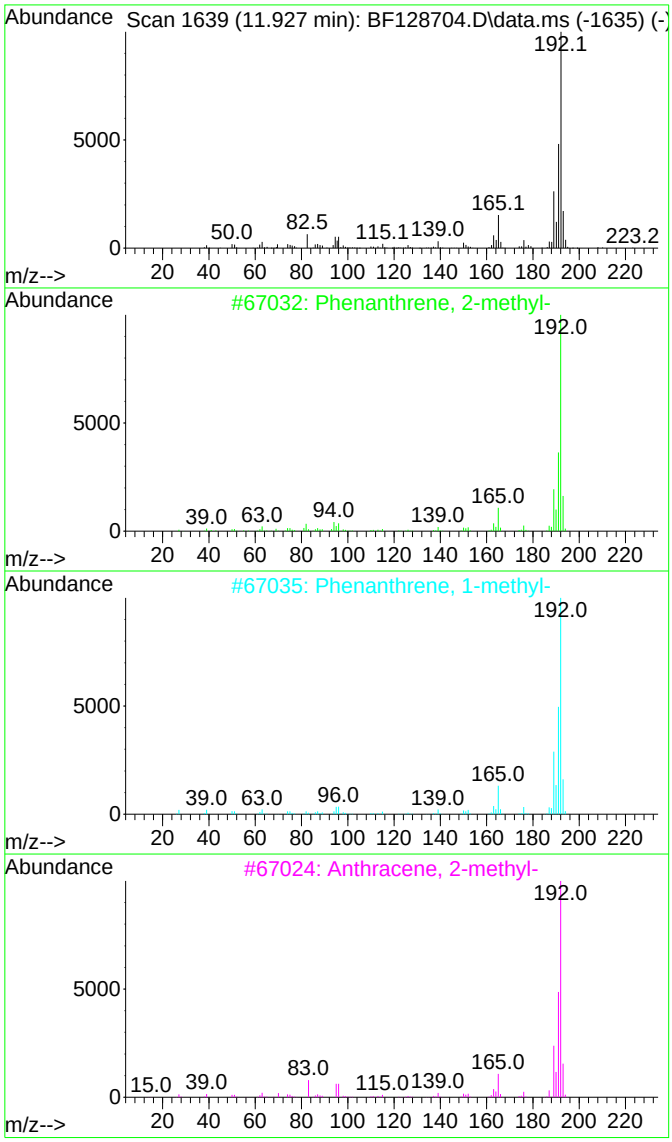
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

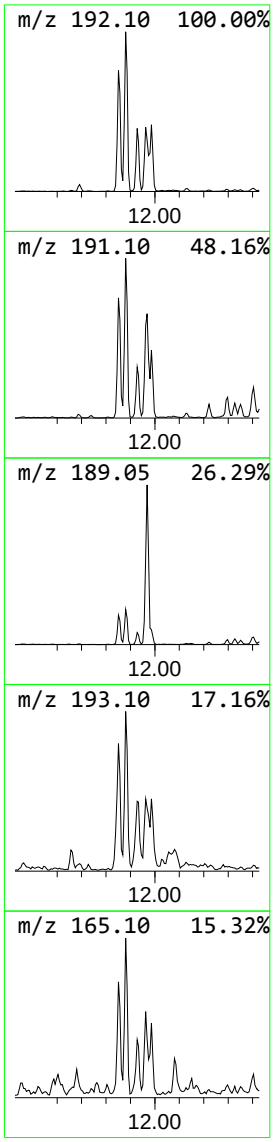
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	19.20 ng	330562	Phenanthrene-d10	11.351

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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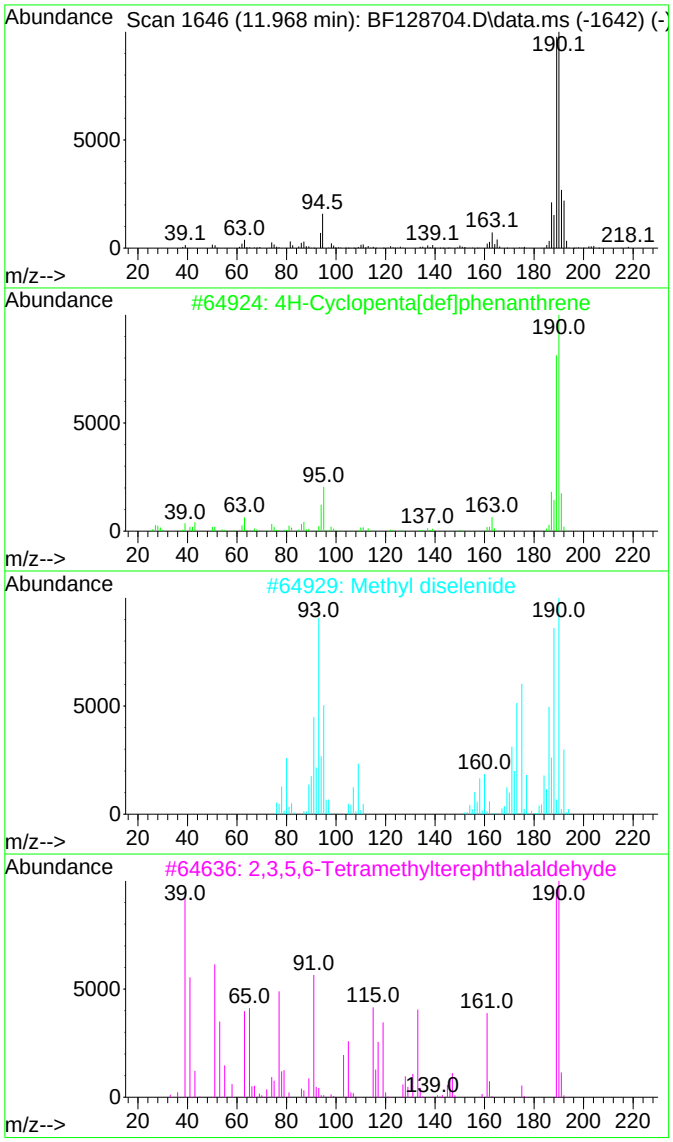
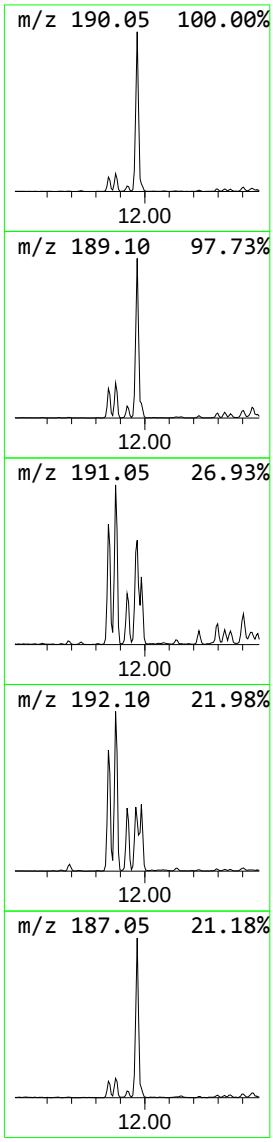
****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	82.28 ng	1416380	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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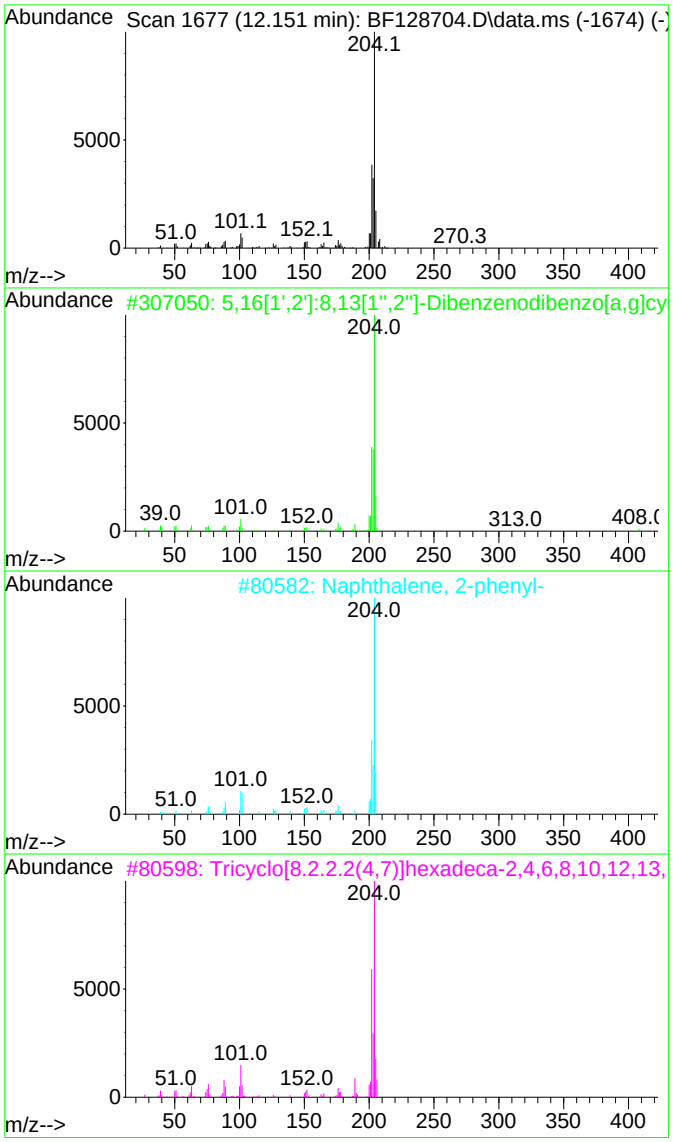
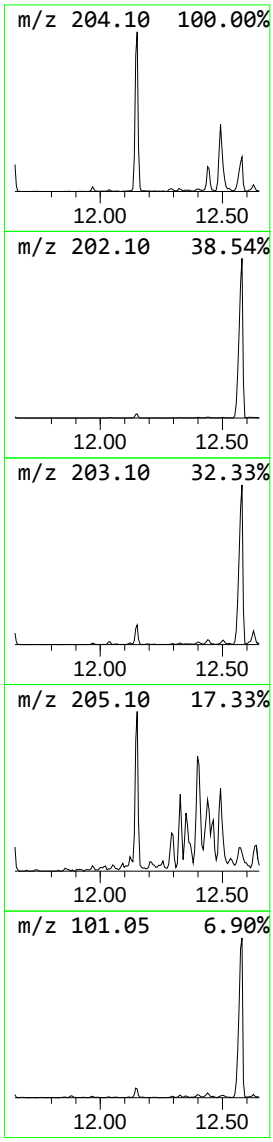
****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	23.10 ng	397689	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Acq On : 06 Jun 2022 18:58
Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

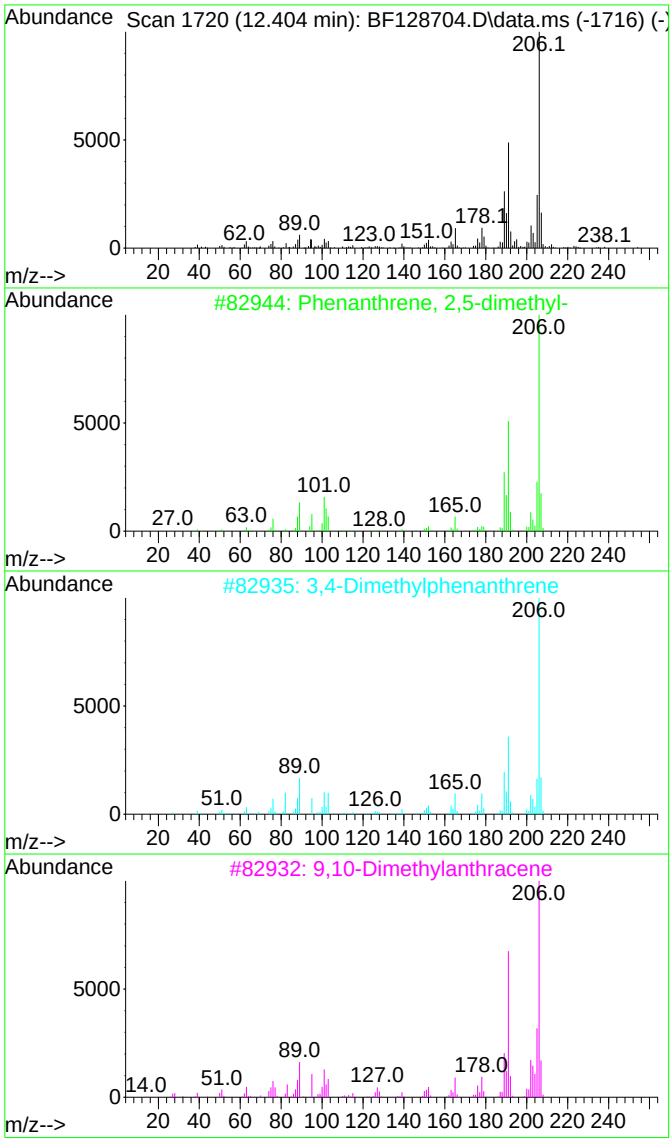
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

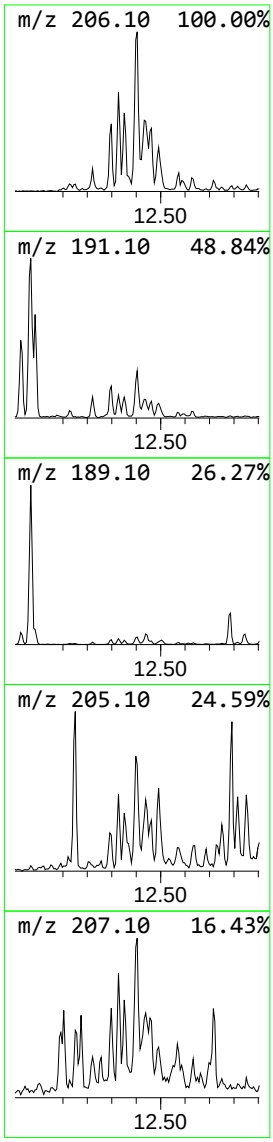
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	18.27 ng	314447	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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BNA_F
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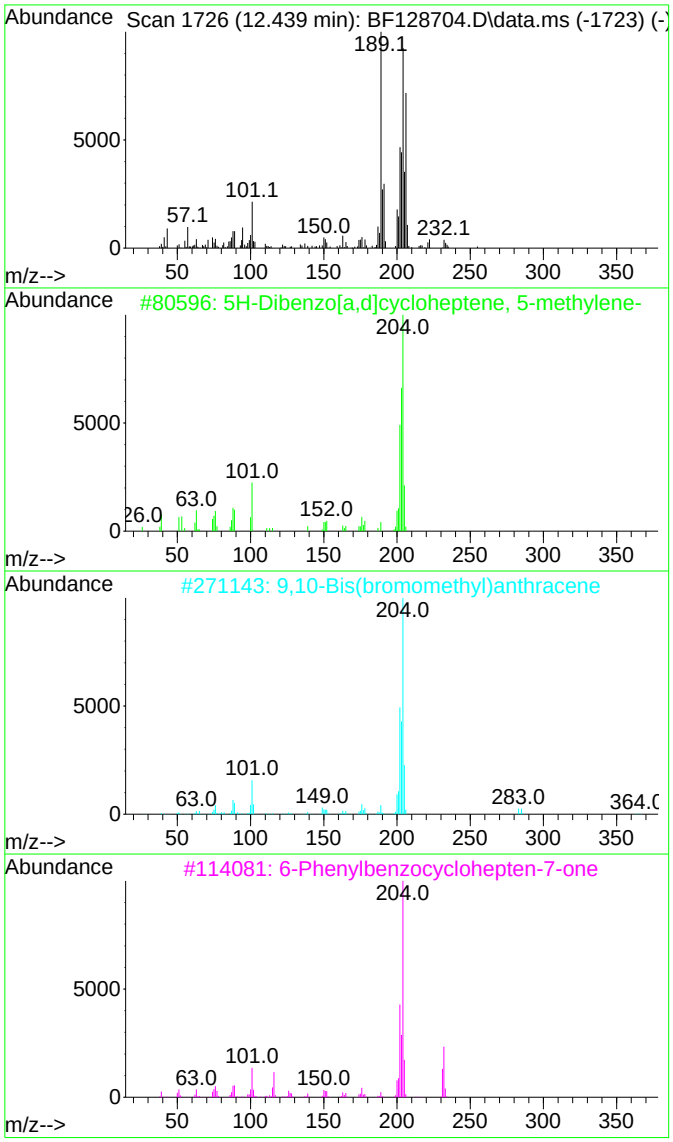
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

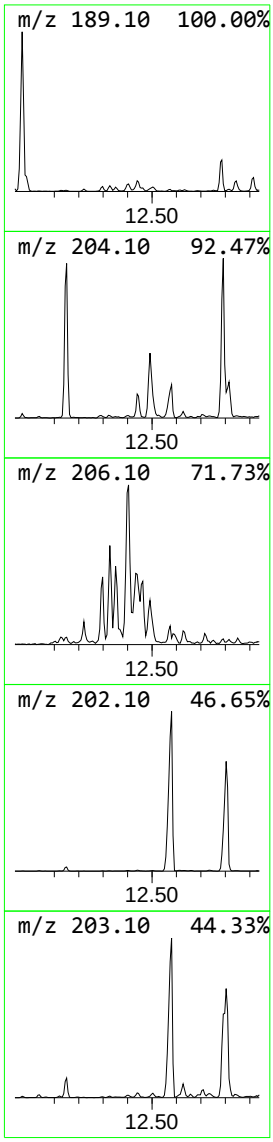
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	12.39 ng	213266	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	51
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	43





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Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

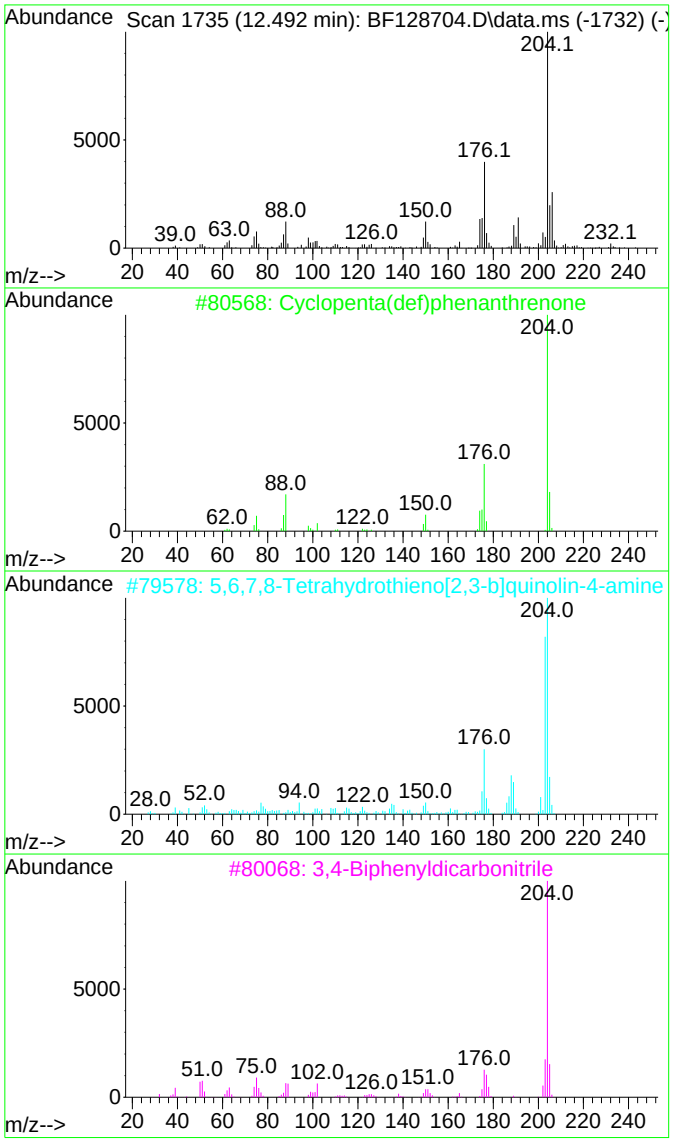
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

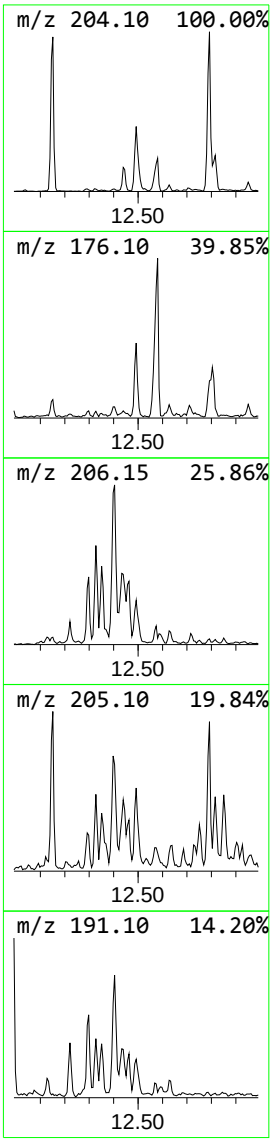
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	16.42 ng	282589	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

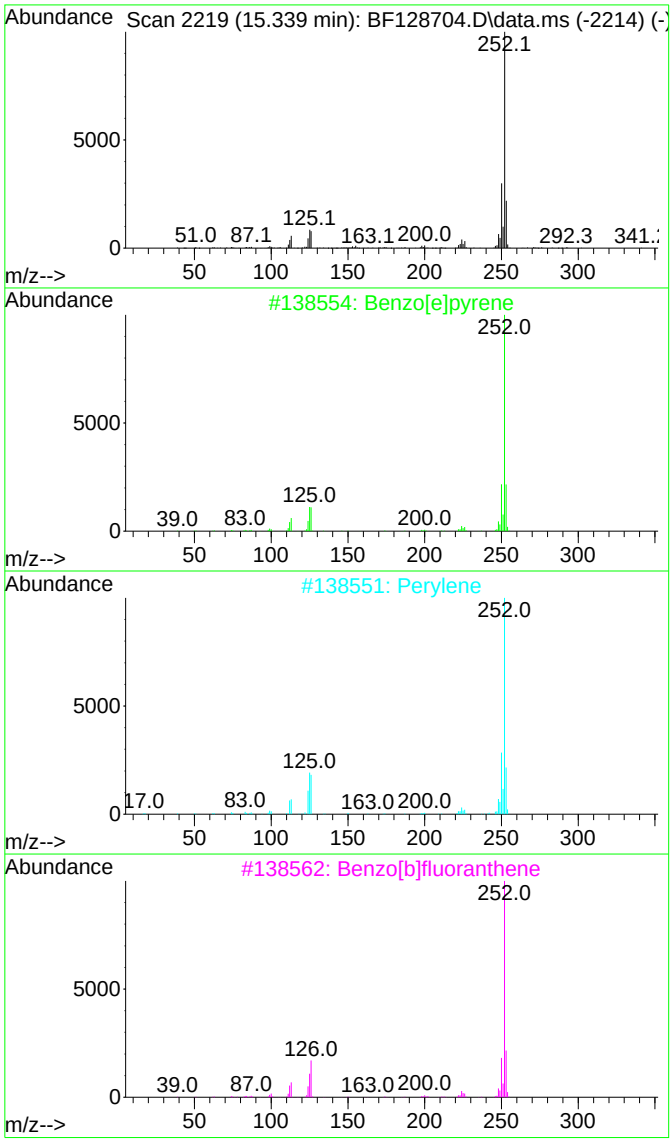
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

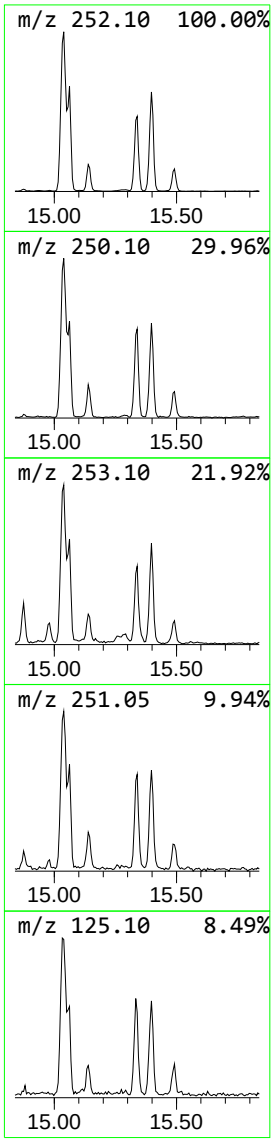
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	14.16 ng	373790	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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Data File : BF128704.D
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Operator : CG\JU
Sample : N3201-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
21500

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Naphthalene, 2,...	9.451	27.2	ng	570564	3	9.863	419324	20.0
Naphthalene, 1,...	9.522	28.8	ng	603346	3	9.863	419324	20.0
Naphthalene, 1,...	9.545	14.5	ng	304453	3	9.863	419324	20.0
Naphthalene, 1,...	9.633	11.2	ng	235749	3	9.863	419324	20.0
Diphenylmethane	10.498	14.3	ng	299996	3	9.863	419324	20.0
Dibenzofuran, 4...	10.569	20.9	ng	438558	3	9.863	419324	20.0
9H-Fluorene, 1-...	10.957	31.0	ng	534161	4	11.351	344272	20.0
Benzene, 1,1'-m...	11.086	11.8	ng	203189	4	11.351	344272	20.0
4-(4-Methylphen...	11.110	12.9	ng	222822	4	11.351	344272	20.0
3'-Methyl-[1,1'...	11.198	15.7	ng	270331	4	11.351	344272	20.0
Naphtho[2,3-b]t...	11.245	29.6	ng	509386	4	11.351	344272	20.0
Phenanthrene, 1...	11.851	41.1	ng	708003	4	11.351	344272	20.0
Phenanthrene, 2...	11.880	52.4	ng	902403	4	11.351	344272	20.0
Anthracene, 2-m...	11.927	19.2	ng	330562	4	11.351	344272	20.0
4H-Cyclopenta[d...	11.969	82.3	ng	1416380	4	11.351	344272	20.0
5,16[1',2']:8,1...	12.151	23.1	ng	397689	4	11.351	344272	20.0
Phenanthrene, 2...	12.404	18.3	ng	314447	4	11.351	344272	20.0
5H-Dibenzo[a,d]...	12.439	12.4	ng	213266	4	11.351	344272	20.0
Cyclopenta(def)...	12.492	16.4	ng	282589	4	11.351	344272	20.0
Benzo[e]pyrene	15.339	14.2	ng	373790	6	15.462	527875	20.0