LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-020921

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	13	rVB	201663	250307	9.76%	0.426%
2	5.492	575	579	582	rBV	1891578	1608873	62.76%	2.737%
3	6.498	746	750	764	rBV	1752214	1741085	67.92%	2.962%
4	6.881	811	815	819	rBV	1276768	988019	38.54%	1.681%
5	7.145	856	860	868	rBV	92011	121346	4.73%	0.206%
6	7.439	903	910	913	rBV	1298332	1088926	42.48%	1.852%
7	8.163	1028	1033	1036	rBV	1388925	1326805	51.76%	2.257%
8	8.880	1151	1155	1158	rVB	265339	210710	8.22%	0.358%
9	8.980	1167	1172	1175	rBV	334135	281915	11.00%	0.480%
10	9.239	1212	1216	1220	rBV	2210186	2051282	80.02%	3.489%
11	9.439	1248	1250	1257	rVB	124882	143815	5.61%	0.245%
12	9.504	1257	1261	1265	rBV	318529	427595	16.68%	0.727%
13	9.580	1270	1274	1277	rVV	657305	662750	25.85%	1.127%
14	9.610	1277	1279	1281	rVV	389798	295834	11.54%	0.503%
15	9.645	1281	1285	1288	rVV2	187653	238633	9.31%	0.406%
16	9.698	1291	1294	1300	rVB	337358	351131	13.70%	0.597%
17	9.786	1305	1309	1313	rVB	548171	492928	19.23%	0.839%
18	9.927	1326	1333	1335	rBV	1727805	1601502	62.47%	2.724%
19	9.957	1335	1338	1341	rVV3	261503	223495	8.72%	0.380%
20	10.027	1347	1350	1355	rBV2	195490	270746	10.56%	0.461%
21	10.069	1355	1357	1361	rBV2	85926	125543	4.90%	0.214%
22	10.127	1363	1367	1370	rVB	412524	384143	14.98%	0.653%
23	10.169	1370	1374	1377	rVB	339656	288427	11.25%	0.491%
24	10.239	1382	1386	1389	rBV2	292332	323754	12.63%	0.551%
25	10.269	1389	1391	1394	rVB	232682	173486	6.77%	0.295%
26	10.333	1398	1402	1404	rBV2	180322	249444	9.73%	0.424%
27	10.351	1404	1405	1408	rVB2	190401	116782	4.56%	0.199%
28	10.474	1423	1426	1432	rVB2	272868	321518	12.54%	0.547%
29	10.539	1432	1437	1439	rBV2	195818	244949	9.55%	0.417%
30	10.586	1443	1445	1447	rVV2	152446	131558	5.13%	0.224%
31	10.627	1449	1452	1456	rVB3	114047	154685	6.03%	0.263%
32	10.710	1461	1466	1471	rVV	951426	980642	38.25%	1.668%
33	10.839	1484	1488	1492	rVB3	247759	280915	10.96%	0.478%
34	11.021	1515	1519	1521	rVV2	167743	213754	8.34%	0.364%
35	11.051	1521	1524	1527	rVV3	182760	208959	8.15%	0.355%
36	11.216	1549	1552	1556	rVV	198654	200135	7.81%	0.340%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-020921

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.280	1558	1563	1565	rVV4	99910	158228	6.17%	0.269%
38	11.310	1565	1568	1574	rVB	451527	425840	16.61%	0.724%
39	11.416	1582	1586	1588	rBV	1617713	1426741	55.65%	2.427%
40	11.439	1588	1590	1594	rVV	2321321	2016534	78.66%	3.430%
41	11.492	1594	1599	1602	rVV	740393	629644	24.56%	1.071%
42	11.710	1634	1636	1639	rVB	202787	162128	6.32%	0.276%
43	11.745	1639	1642	1646	rBV	372068	347131	13.54%	0.590%
44	11.833	1654	1657	1660	rVB	252648	267852	10.45%	0.456%
45	11.874	1661	1664	1666	rBV2	121651	130654	5.10%	0.222%
46	11.921	1668	1672	1674	rVV	740945	813578	31.74%	1.384%
47	11.951	1674	1677	1682	rVV	2075188	2154846	84.06%	3.666%
48	11.992	1682	1684	1687	rVV	347854	372947	14.55%	0.634%
49	12.027	1687	1690	1693	rVV2	800383	984243	38.39%	1.674%
50	12.057	1693	1695	1699	rVB	470822	380779	14.85%	0.648%
51	12.151	1709	1711	1714	rVB2	153632	145383	5.67%	0.247%
52	12.215	1719	1722	1724	rVV2	469658	394307	15.38%	0.671%
53	12.239	1724	1726	1733	rVB3	259779	345525	13.48%	0.588%
54	12.345	1742	1744	1746	rBV	146384	153768	6.00%	0.262%
55	12.363	1746	1747	1750	rVV	230414	197361	7.70%	0.336%
56	12.398	1750	1753	1755	rVV	287475	268137	10.46%	0.456%
57	12.421	1755	1757	1759	rVB	198348	154272	6.02%	0.262%
58	12.468	1762	1765	1768	rBV	532086	575112	22.43%	0.978%
59	12.510	1768	1772	1777	rVB2	355973	634424	24.75%	1.079%
60	12.557	1777	1780	1784	rBV2	360851	377254	14.72%	0.642%
61	12.633	1790	1793	1796	rVV	1655112	1387947	54.14%	2.361%
62	12.680	1798	1801	1803	rVV	180999	208590	8.14%	0.355%
63	12.739	1806	1811	1817	rVV2	2111563	2563580	100.00%	4.361%
64	12.786	1817	1819	1823	rVV3	289706	376048	14.67%	0.640%
65	12.868	1827	1833	1838	rBV	2421900	2558361	99.80%	4.352%
66	12.921	1838	1842	1845	rVB2	256613	307073	11.98%	0.522%
67	13.004	1853	1856	1864	rVB	2060276	1941553	75.74%	3.303%
68	13.080	1866	1869	1876	rVB4	324191	507351	19.79%	0.863%
69	13.139	1876	1879	1881	rBV	159230	137091	5.35%	0.233%
70	13.192	1881	1888	1891	rVB3	351294	677981	26.45%	1.153%
71	13.257	1897	1899	1902	rVB	162400	138487	5.40%	0.236%
72	13.298	1903	1906	1908	rBV	554333	457138	17.83%	0.778%
73	13.392	1919	1922	1924	rBV	492866	389035	15.18%	0.662%
74	13.421	1924	1927	1930	rVV	529141	409666	15.98%	0.697%
75	13.457	1930	1933	1937	rVB4	119638	123168	4.80%	0.210%
76	13.698	1972	1974	1979	rVB	260201	299989	11.70%	0.510%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-020921

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-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.762	1983	1985	1988	rVB	144603	125056	4.88%	0.213%
78	13.815	1989	1994	1997	rBV3	346159	533555	20.81%	0.908%
79	13.839	1997	1998	2001	rVV	173035	133611	5.21%	0.227%
80	13.862	2001	2002	2006	rVV2	140284	160834	6.27%	0.274%
81	13.909	2008	2010	2014	rVB2	212477	214927	8.38%	0.366%
82	14.062	2031	2036	2039	rBV2	1537174	2259445	88.14%	3.843%
83	14.092	2039	2041	2047	rVB	961392	853275	33.28%	1.451%
84	14.151	2049	2051	2053	rBV	198162	155426	6.06%	0.264%
85	14.321	2078	2080	2083	rVB	161052	137676	5.37%	0.234%
86	14.415	2094	2096	2098	rBV	140760	133980	5.23%	0.228%
87	14.456	2098	2103	2106	rVV	438454	581058	22.67%	0.988%
88	14.486	2106	2108	2111	rVB	277849	225223	8.79%	0.383%
89	14.580	2121	2124	2126	rBV	265728	244802	9.55%	0.416%
90	14.604	2126	2128	2131	rVB2	201235	169505	6.61%	0.288%
91	14.709	2143	2146	2151	rVB3	104358	132326	5.16%	0.225%
92	14.845	2167	2169	2172	rBV	144840	122320	4.77%	0.208%
93	15.115	2211	2215	2222	rBV	876925	1639432	63.95%	2.789%
94	15.227	2231	2234	2238	rVB	228127	231814	9.04%	0.394%
95	15.427	2264	2268	2274	rVB	823152	964281	37.61%	1.640%
96	15.492	2274	2279	2284	rVV	1111783	1452945	56.68%	2.472%
97	15.551	2285	2289	2292	rVV	851425	1143951	44.62%	1.946%
98	15.586	2292	2295	2301	rVB2	331186	526878	20.55%	0.896%
99	17.050	2538	2544	2552	rVB2	446752	913569	35.64%	1.554%
100	17.503	2615	2621	2630	rVB	478327	954422	37.23%	1.624%

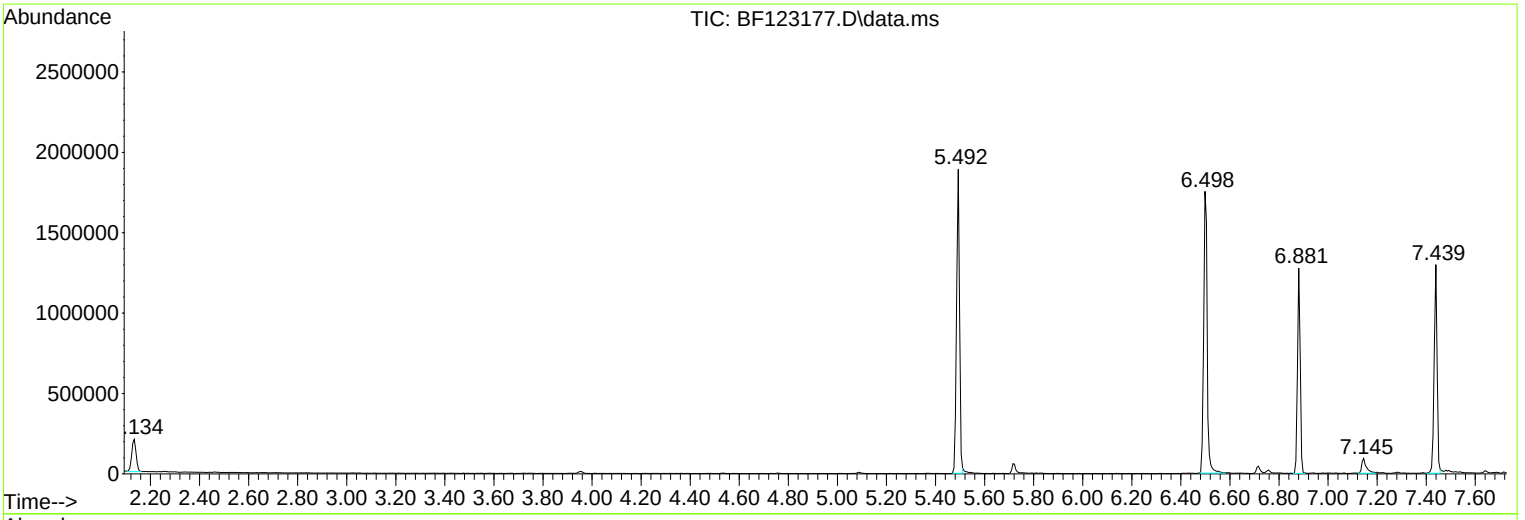
Sum of corrected areas: 58786448

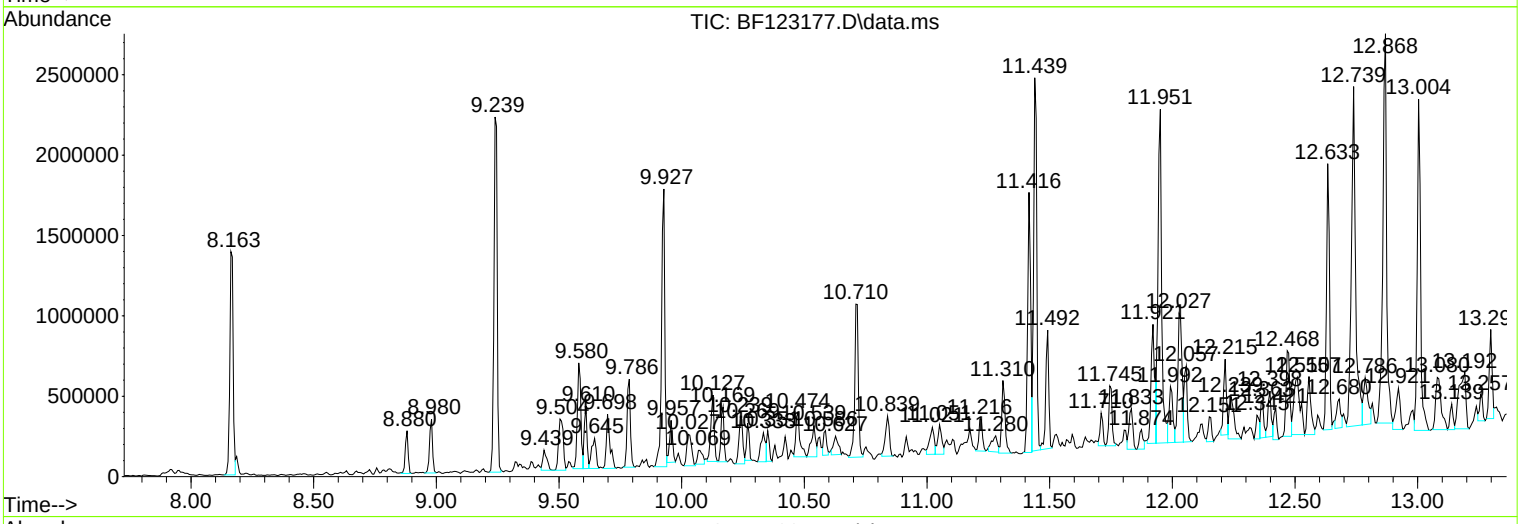
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

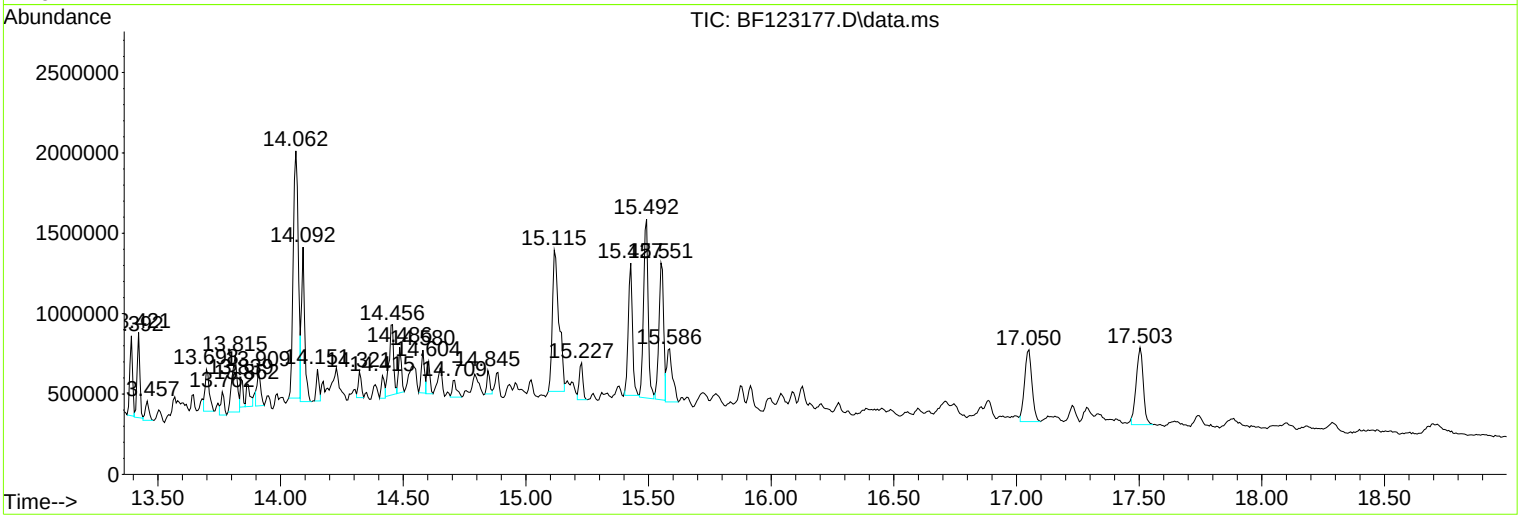
Instrument :
BNA_F
ClientSampleId :
NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

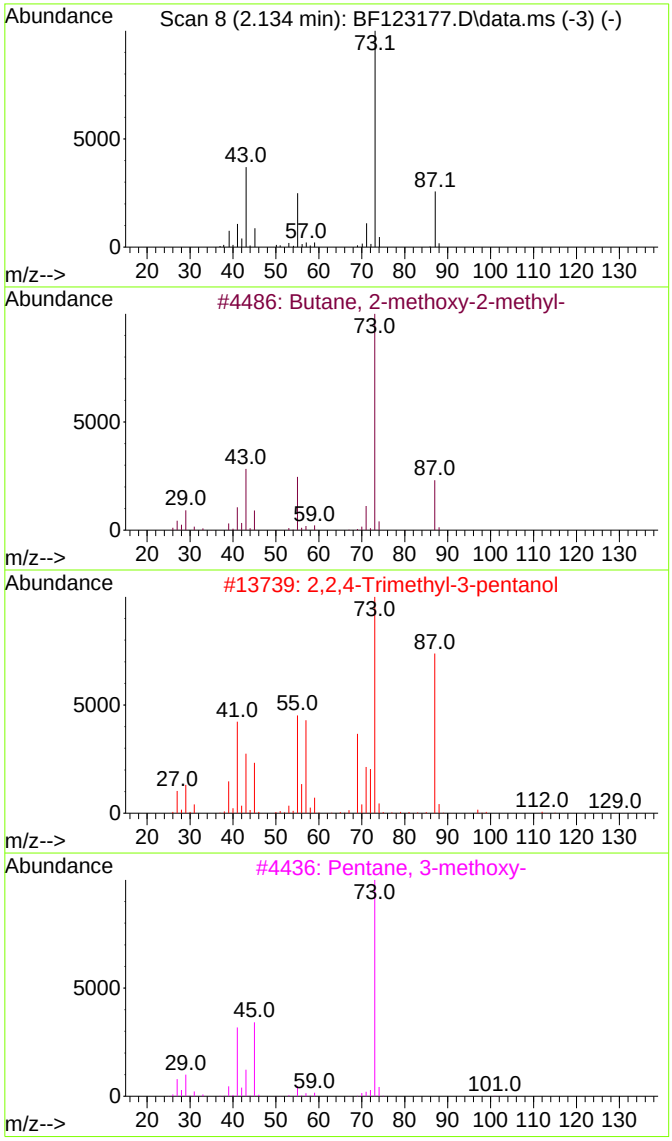
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

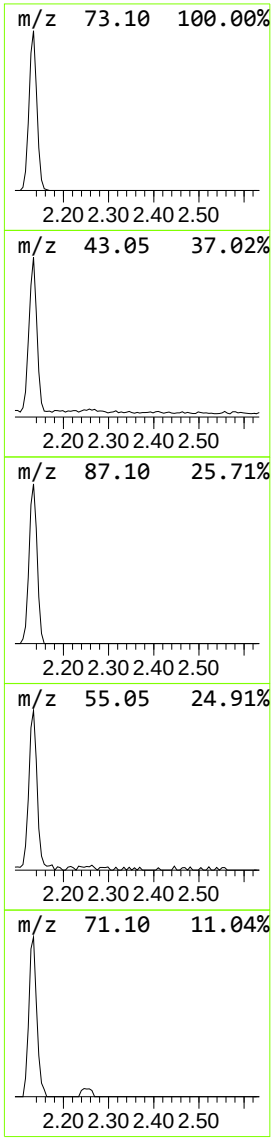
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	5.07 ng	250307	1,4-Dichlorobenzene-d4	6.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

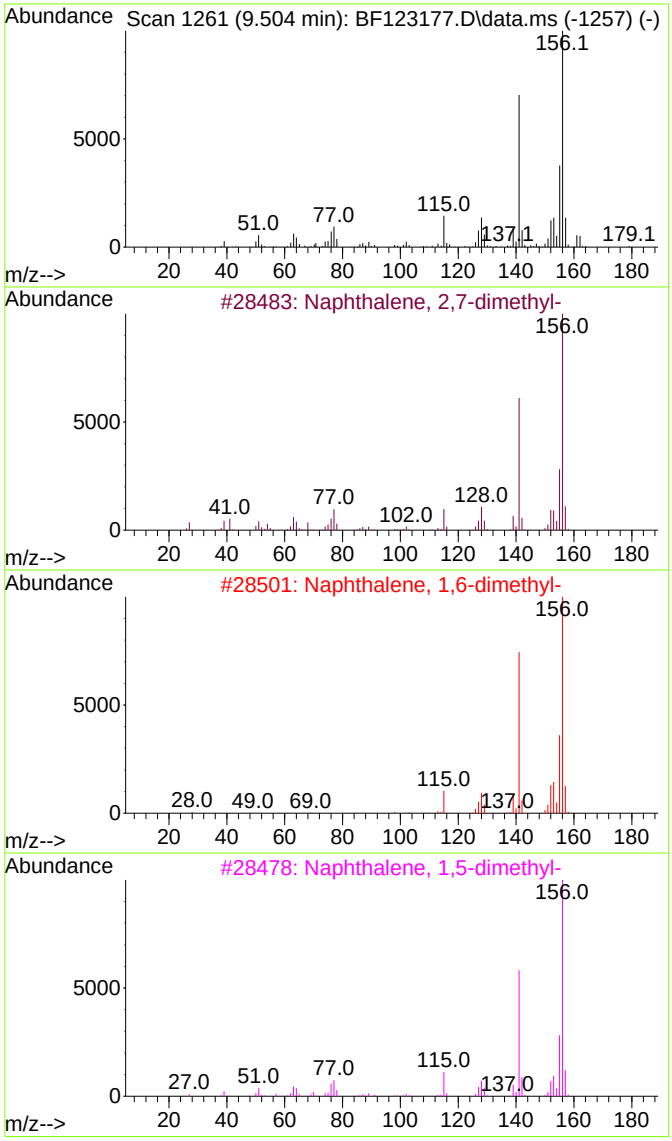
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

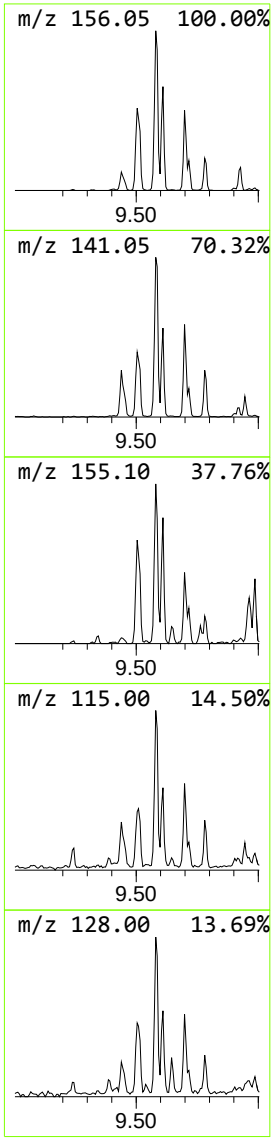
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	5.34 ng	427595	Acenaphthene-d10	9.927

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, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : JU/CG
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

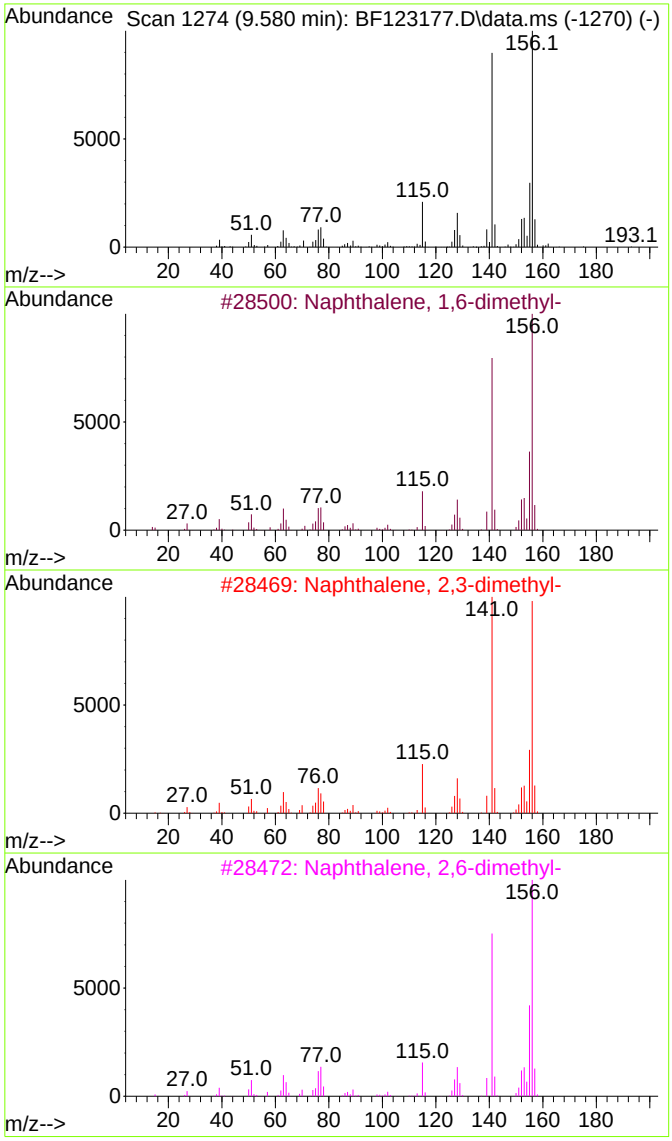
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

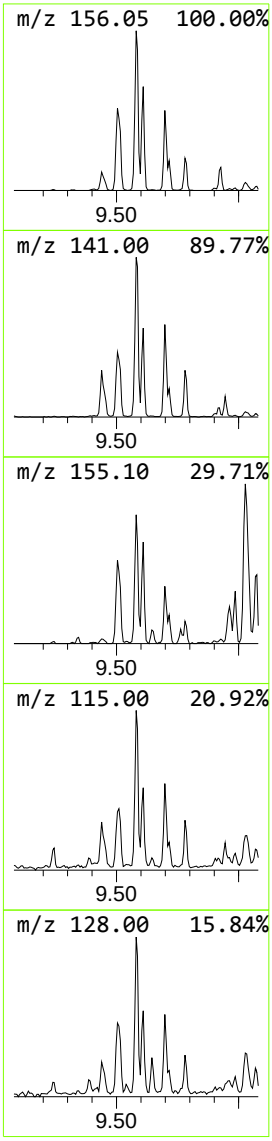
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	8.28 ng	662750	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

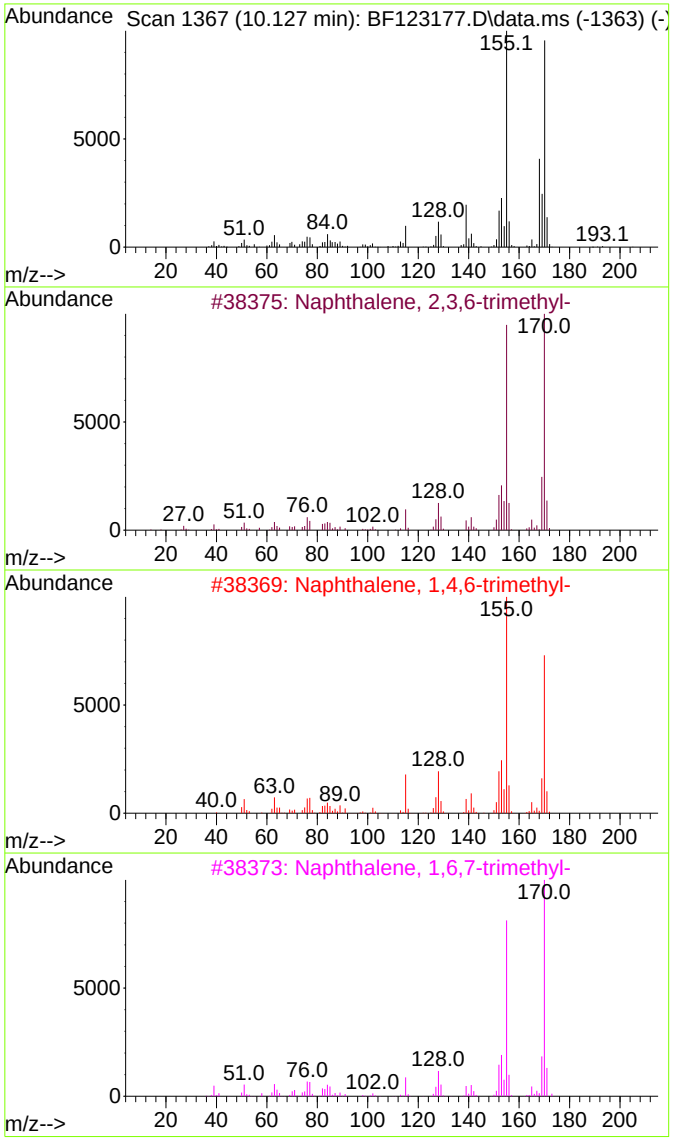
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

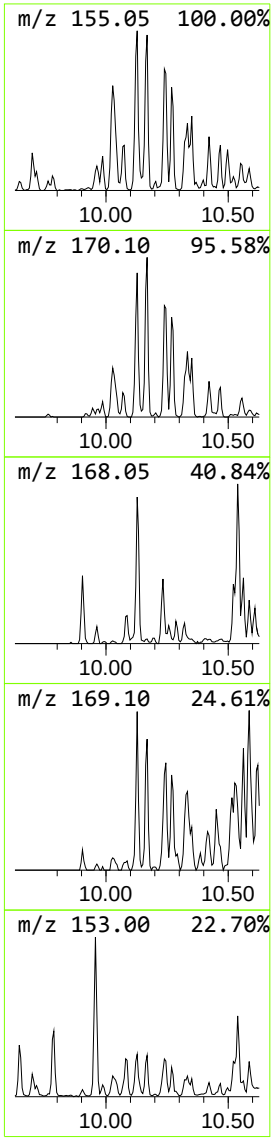
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	4.80 ng	384143	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

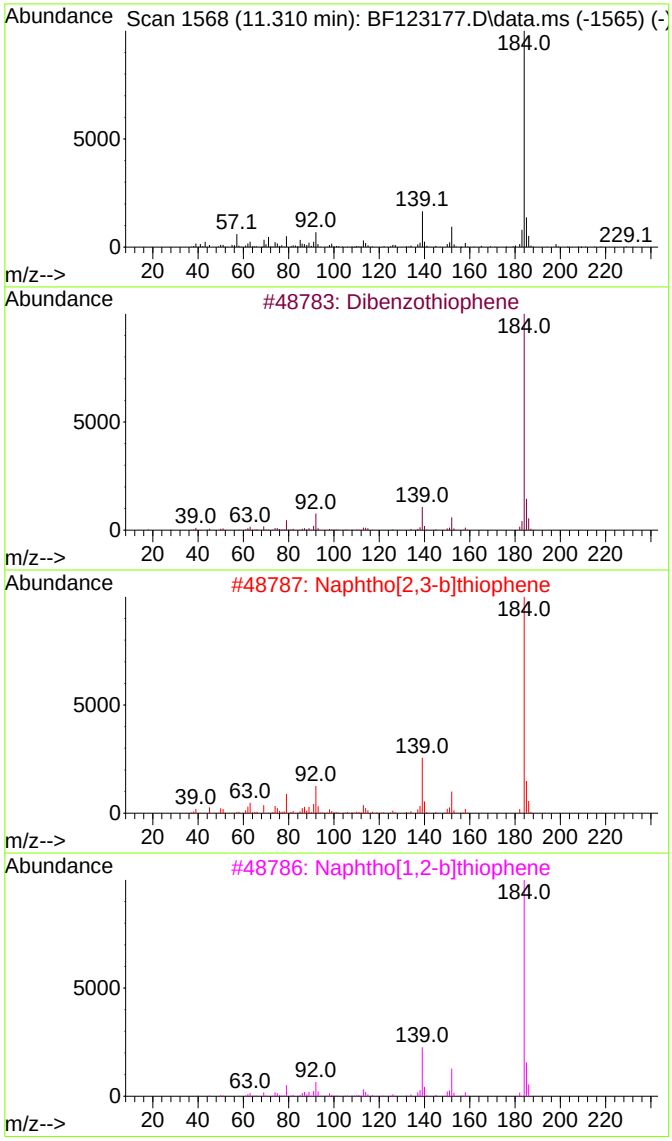
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

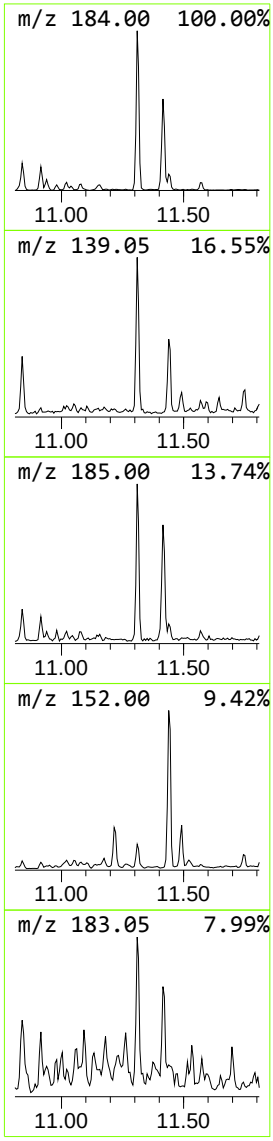
****

Peak Number 5 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	5.97 ng	425840	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
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	86





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Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

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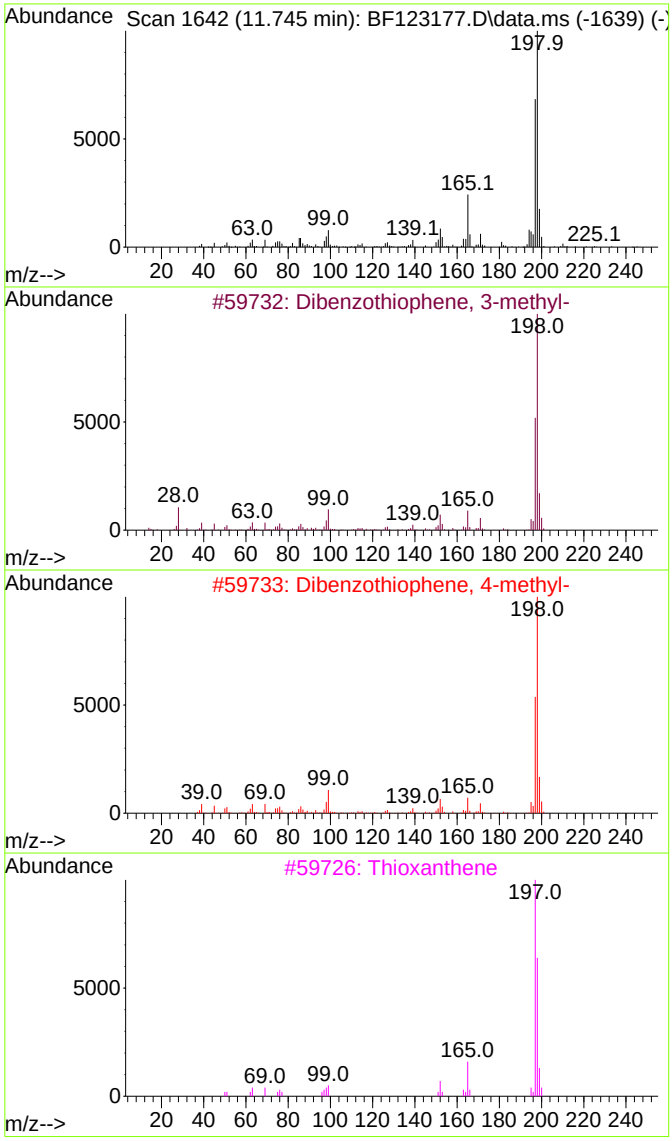
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

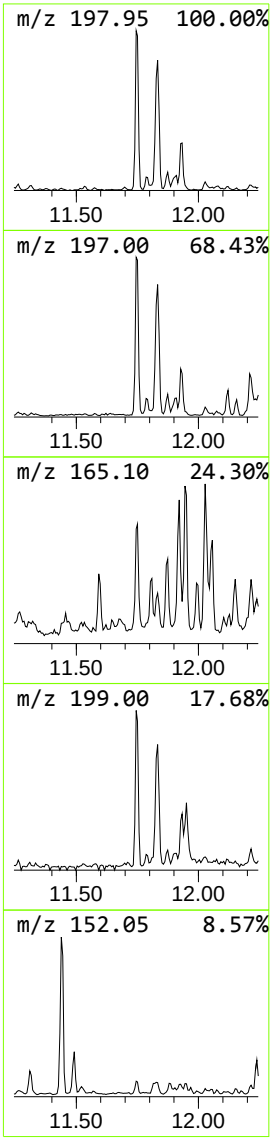
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	4.87 ng	347131	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Thioxanthene	198	C13H10S	000261-31-4	86
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Tacrine	198	C13H14N2	000321-64-2	64





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

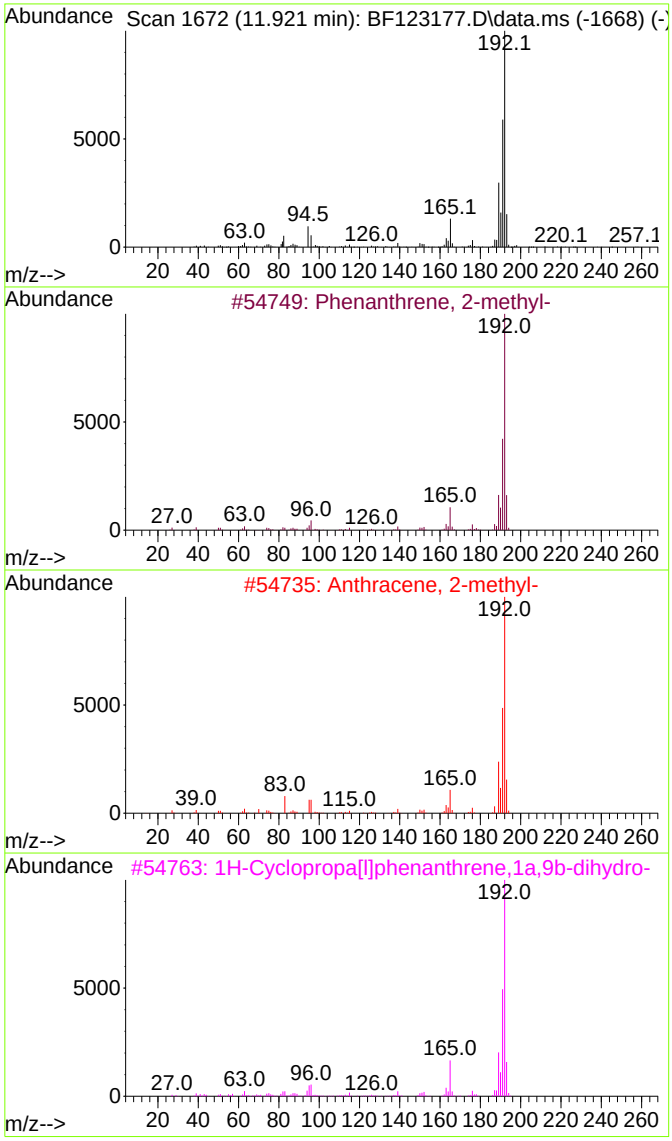
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

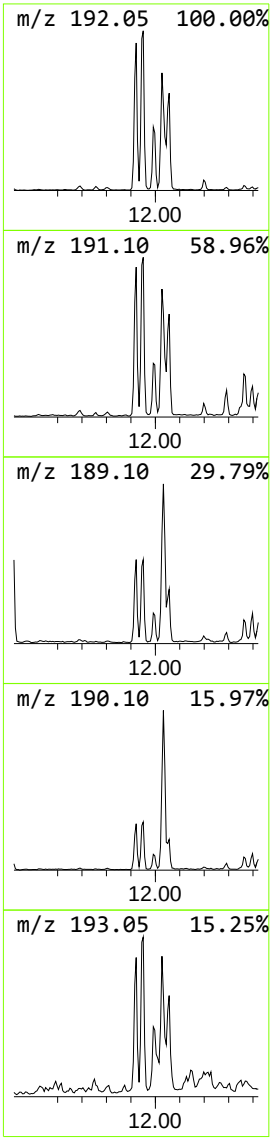
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	11.40 ng	813578	Phenanthrene-d10	11.416

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
NB-07-020921

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

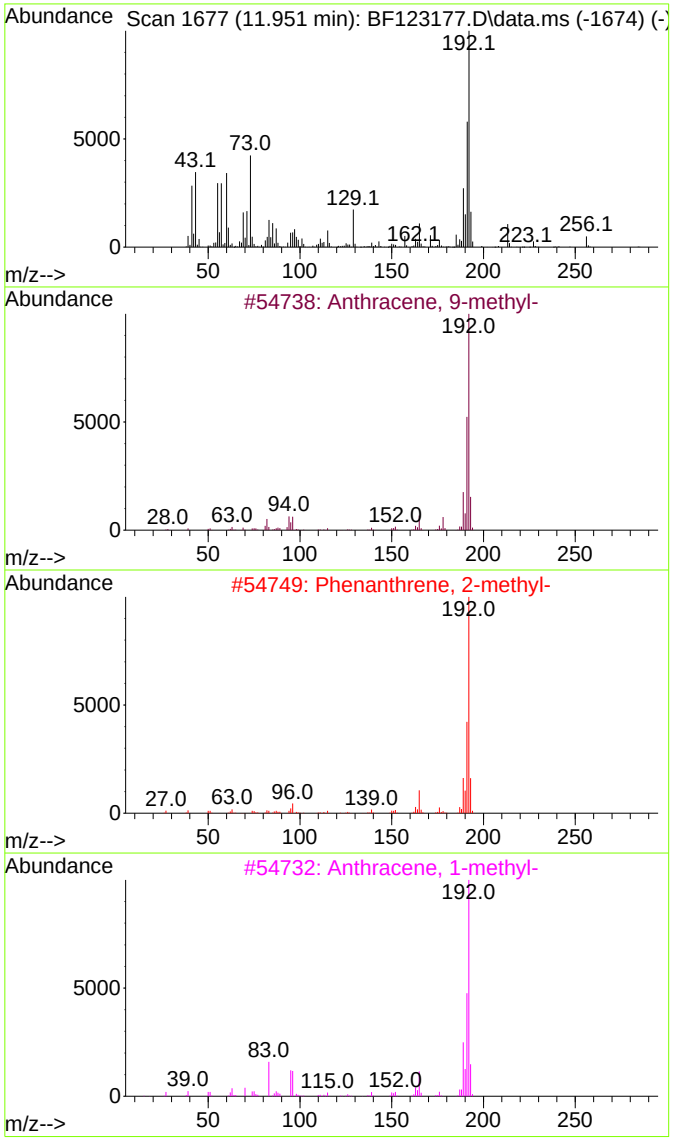
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

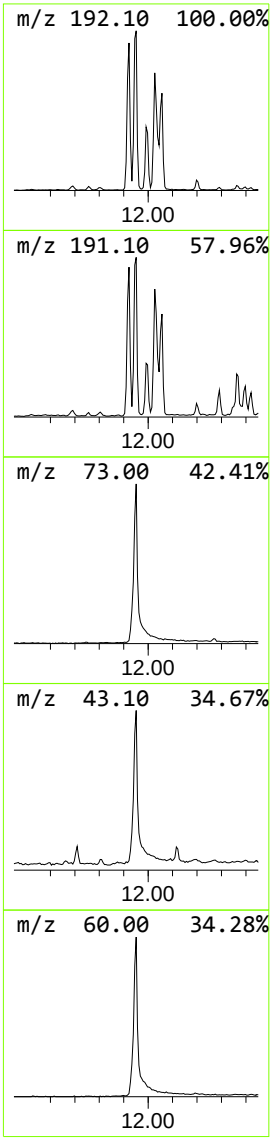
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	30.21 ng	2154850	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-020921

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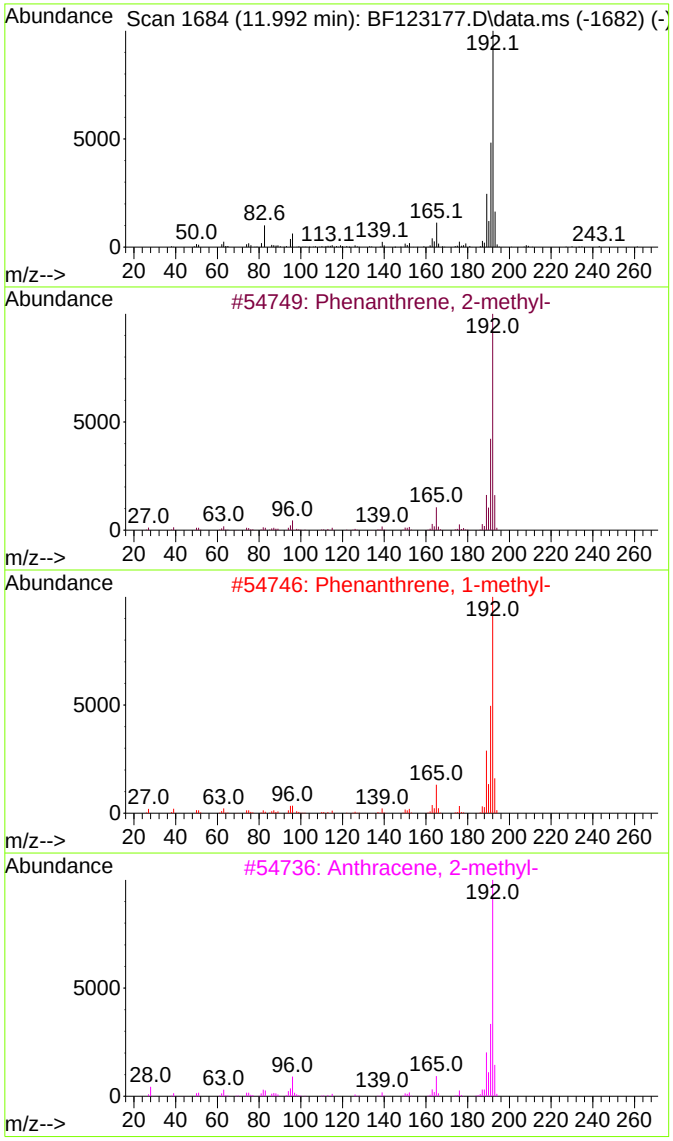
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

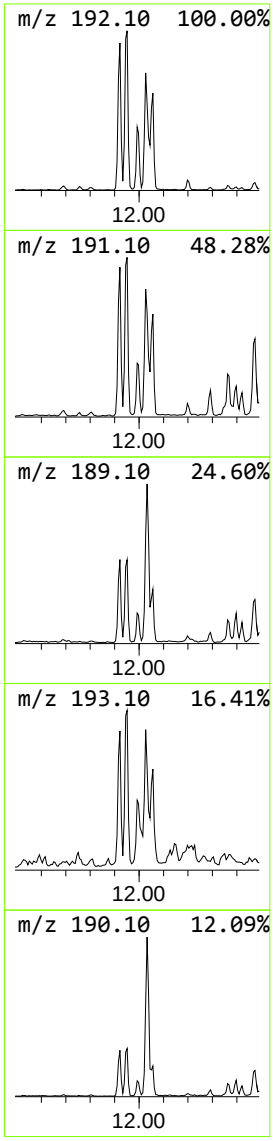
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	5.23 ng	372947	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

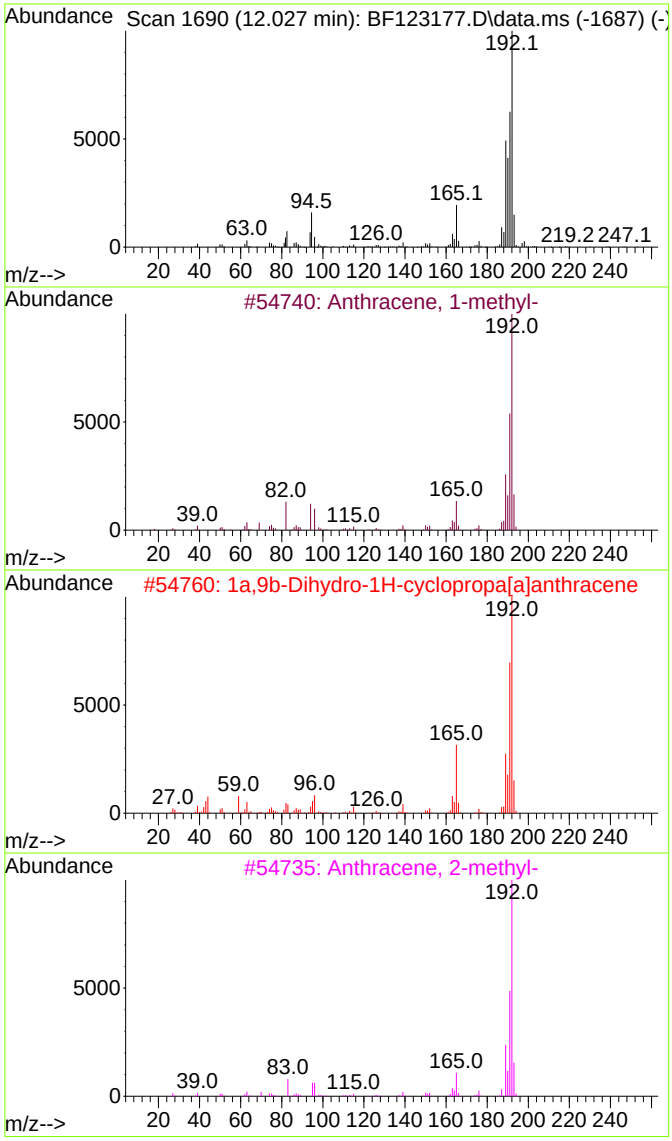
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

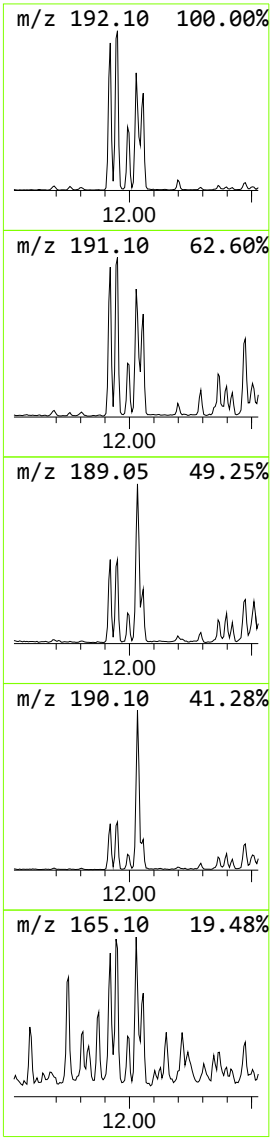
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	13.80 ng	984243	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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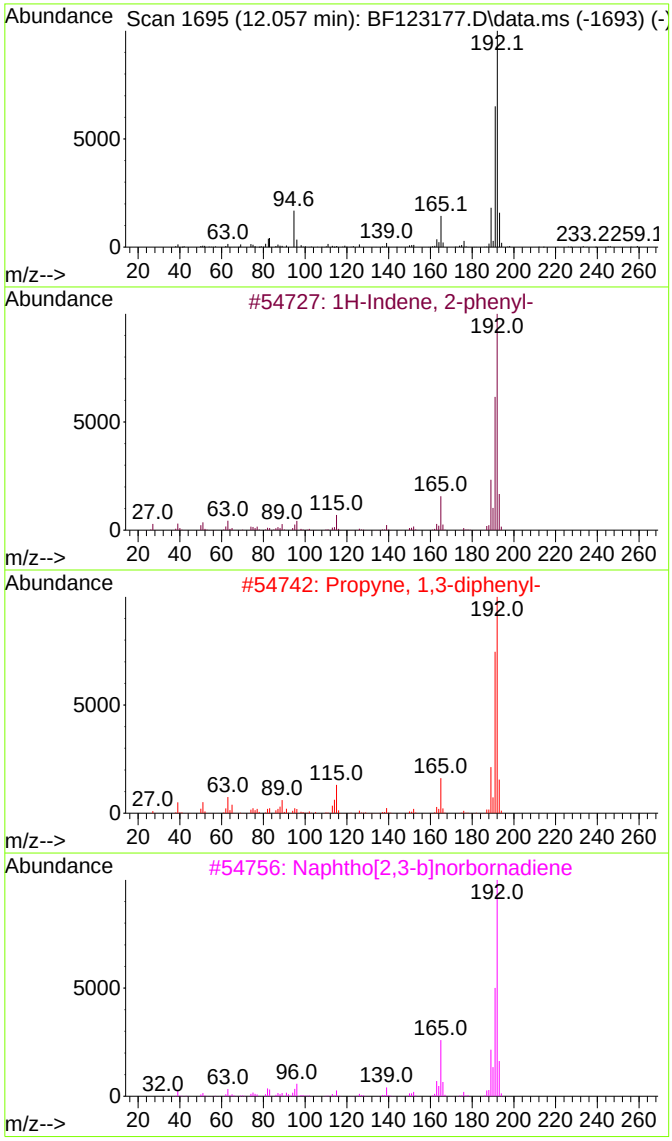
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

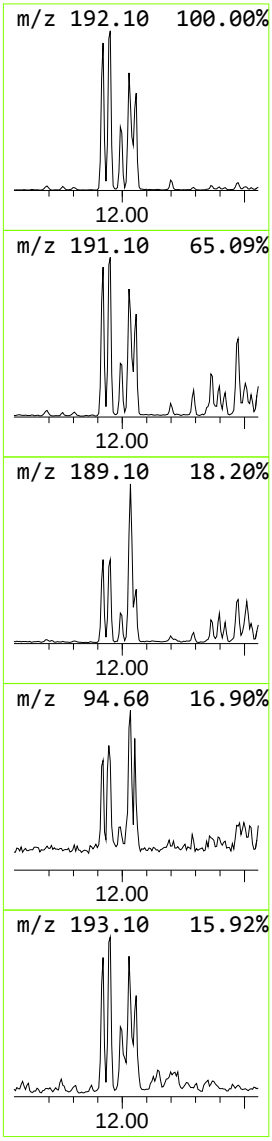
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	5.34 ng	380779	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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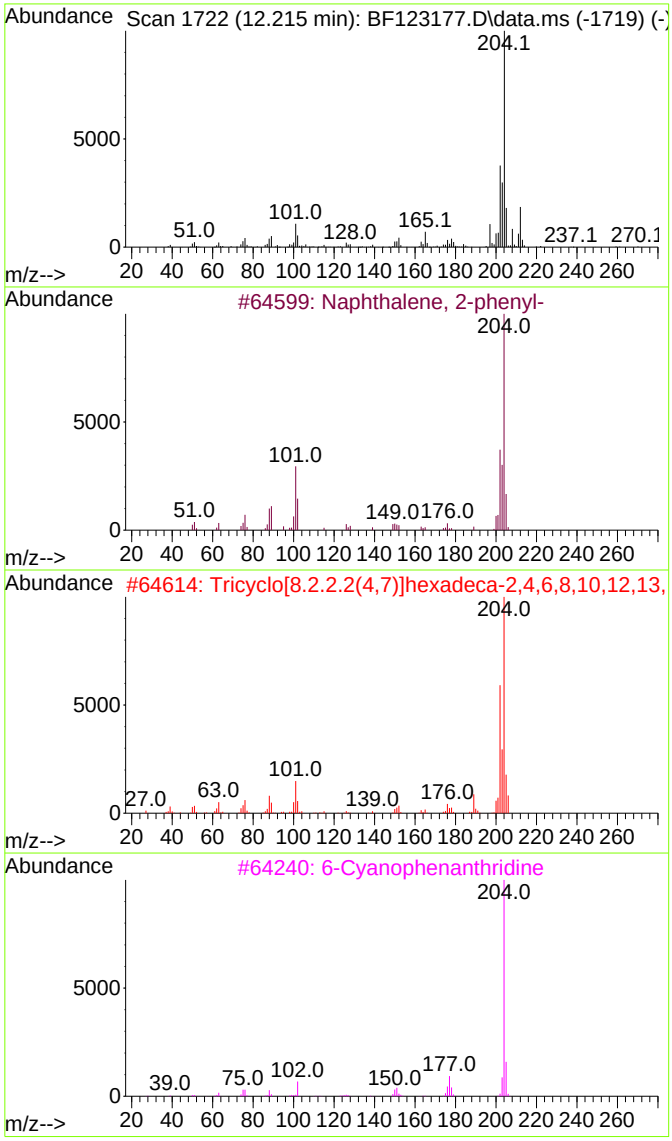
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

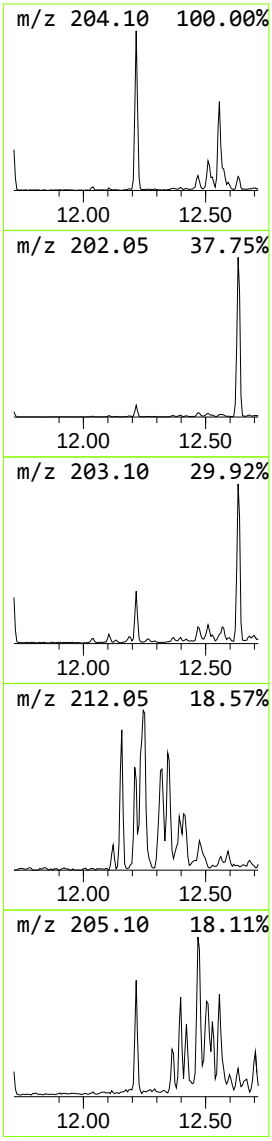
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	5.53 ng	394307	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
5	Levamisole	204	C11H12N2S	014769-73-4	49





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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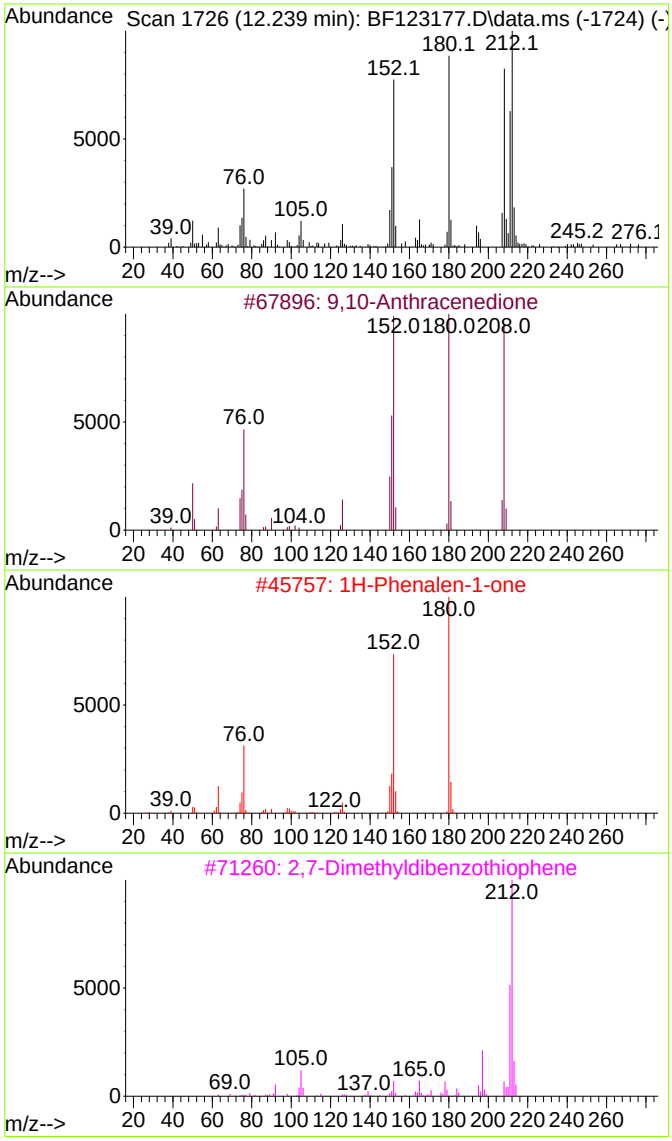
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

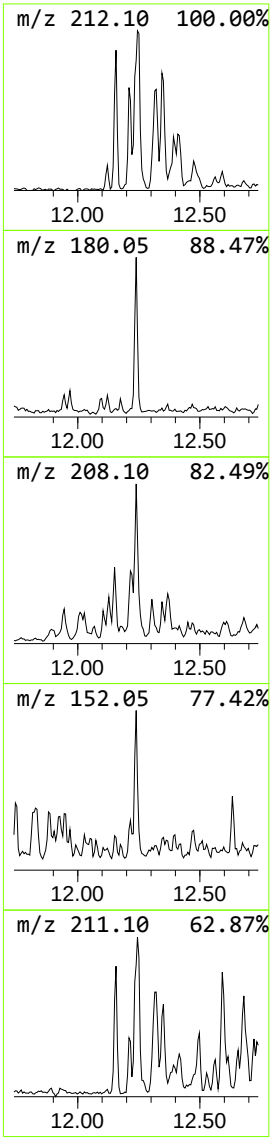
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	4.84 ng	345525	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
3	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	51
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46





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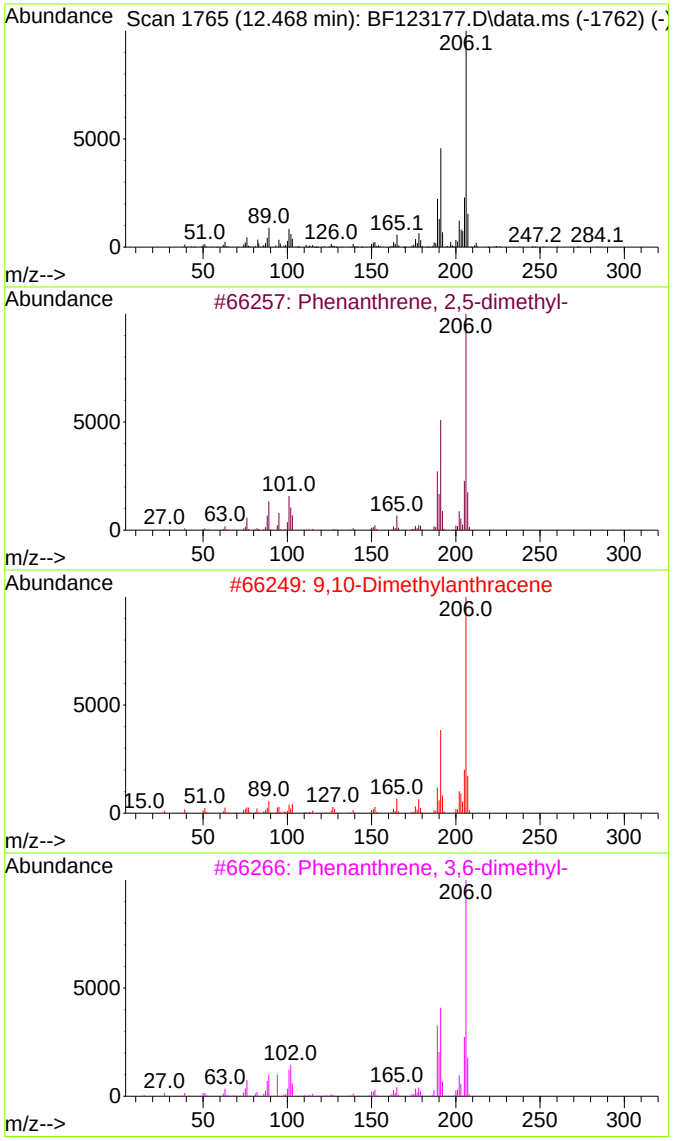
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

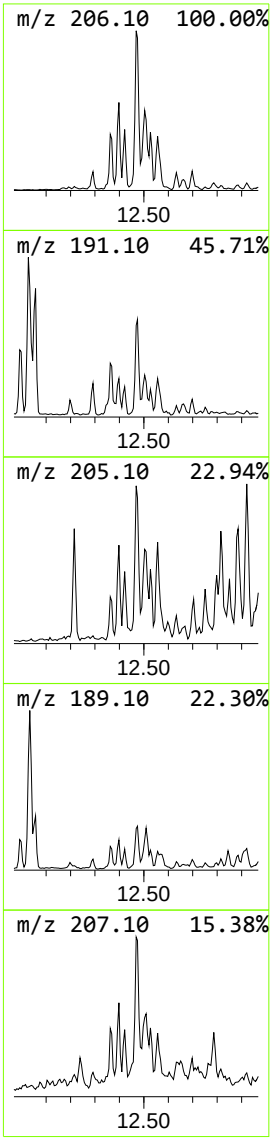
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	8.06 ng	575112	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 9 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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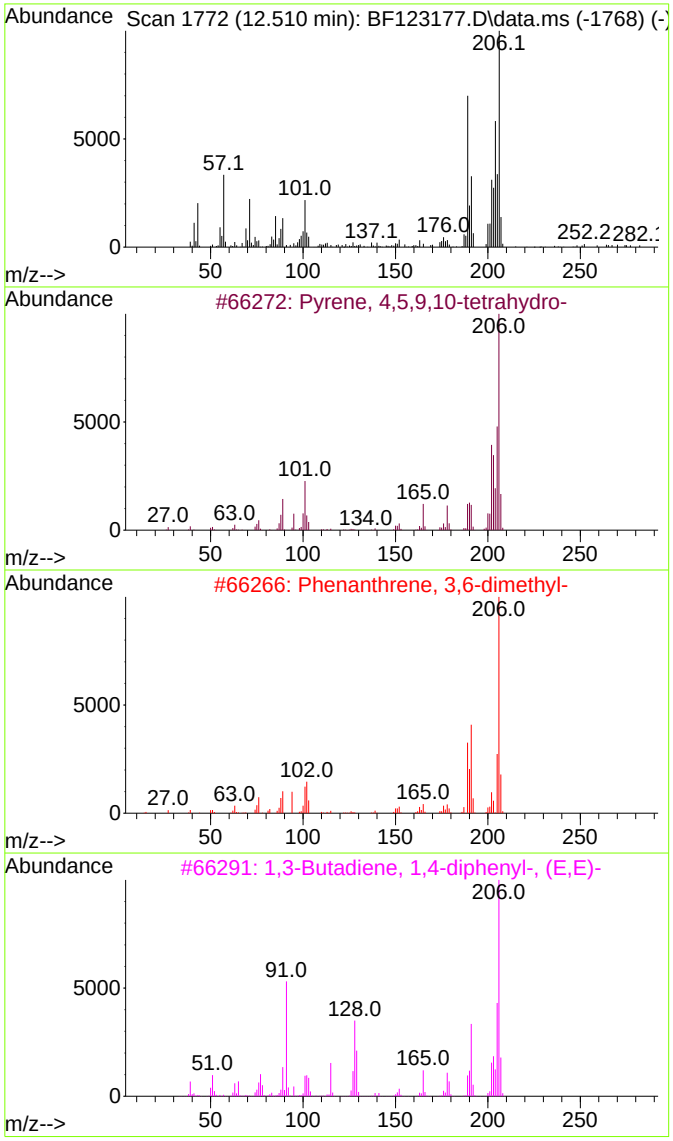
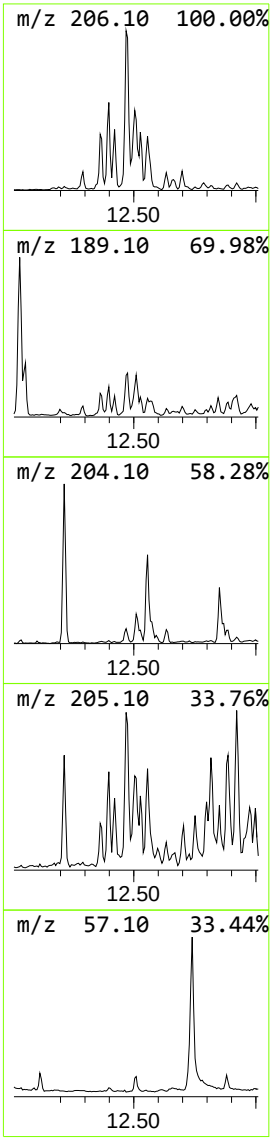
Peak Number 15 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	8.89 ng	634424	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	50
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	45
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	43





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Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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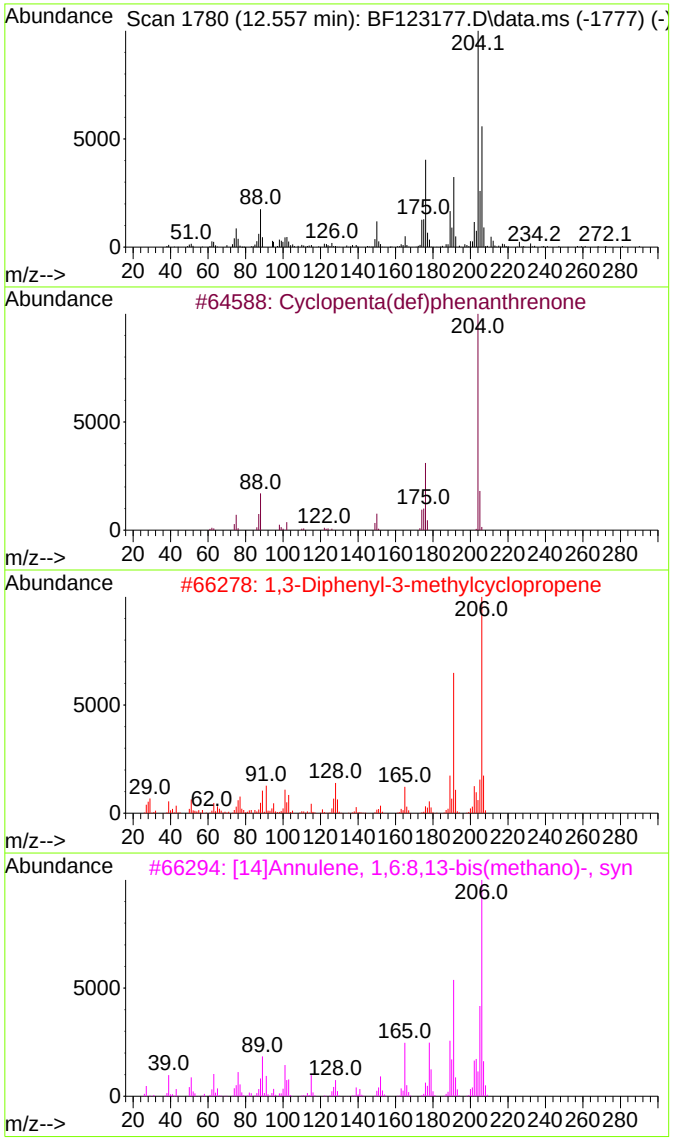
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

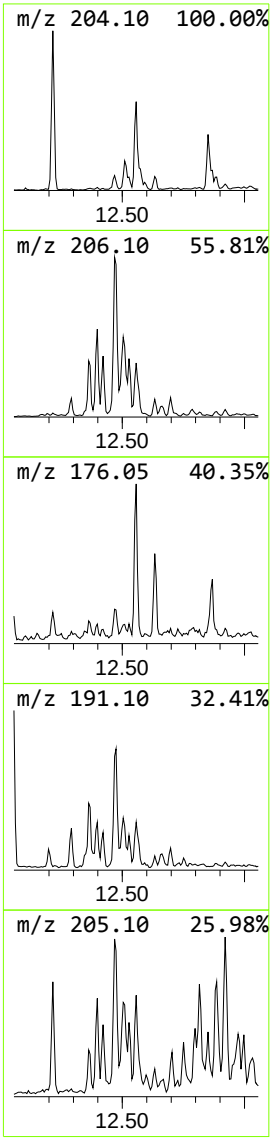
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	5.29 ng	377254	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	47
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38





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Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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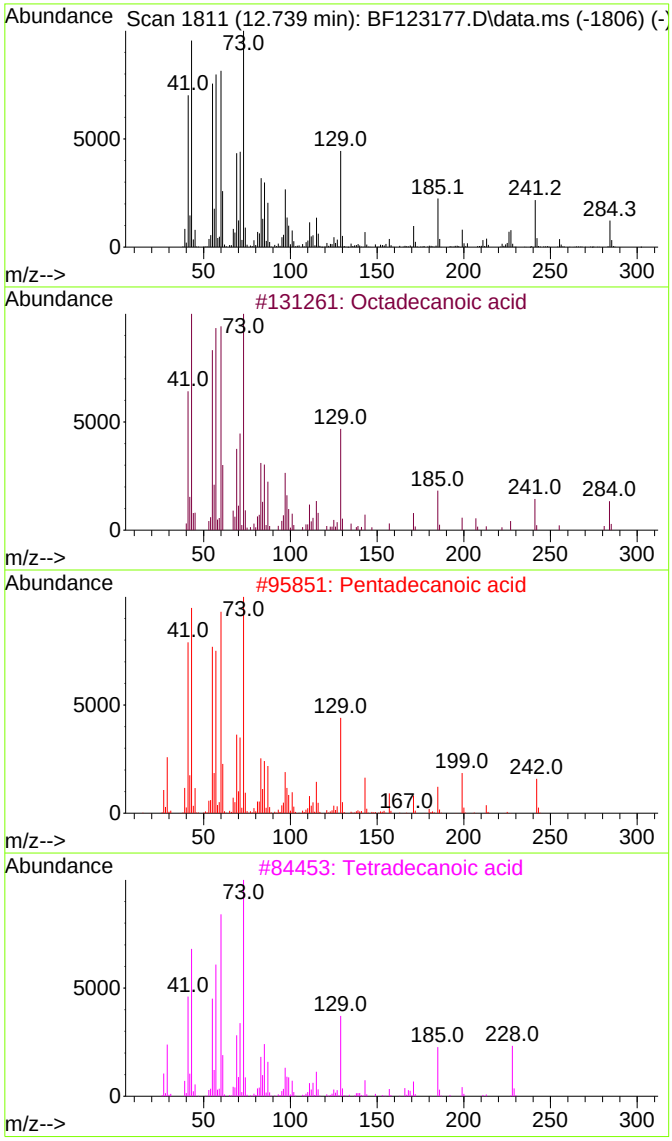
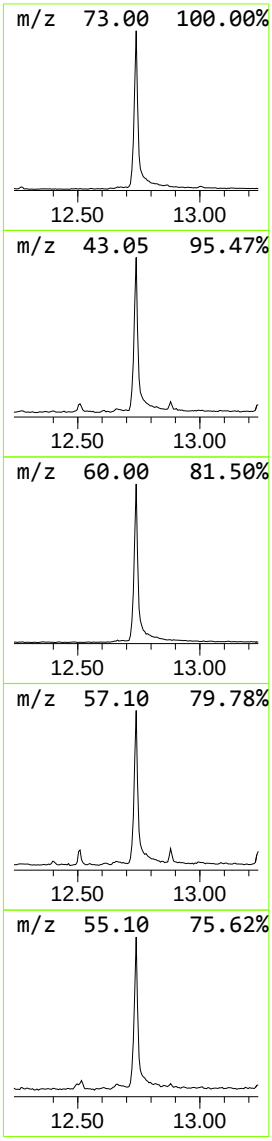
Peak Number 17 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	35.94 ng	2563580	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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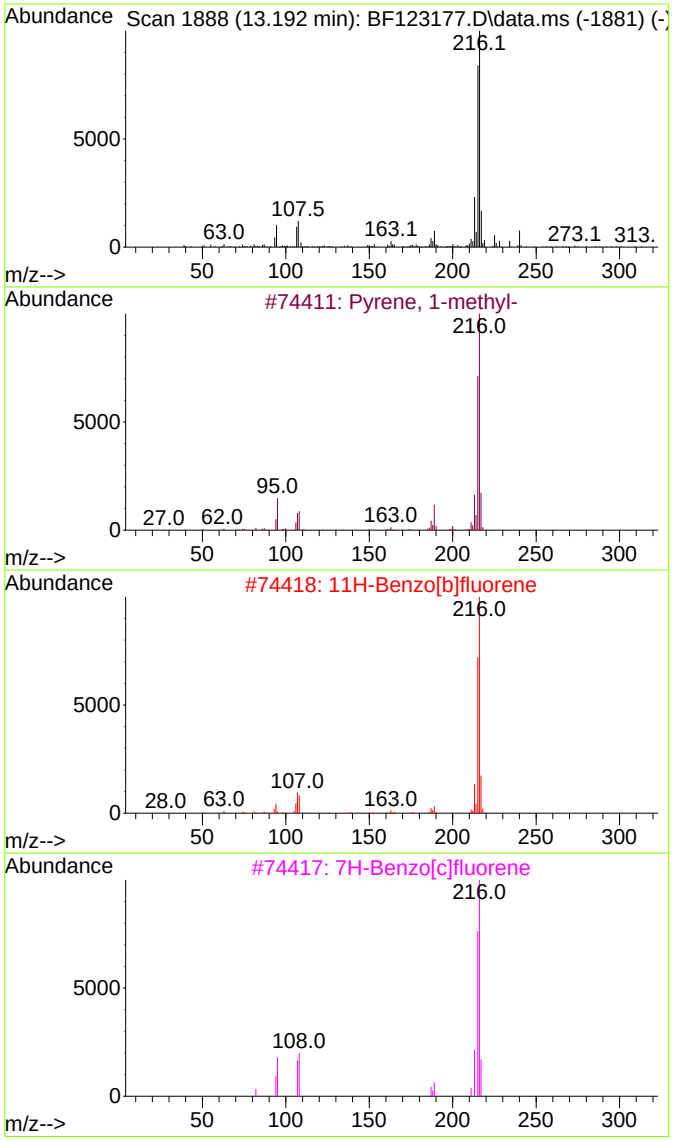
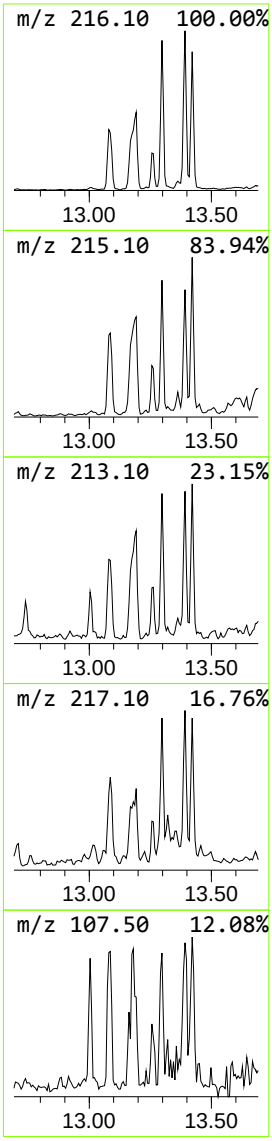
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	6.00 ng	677981	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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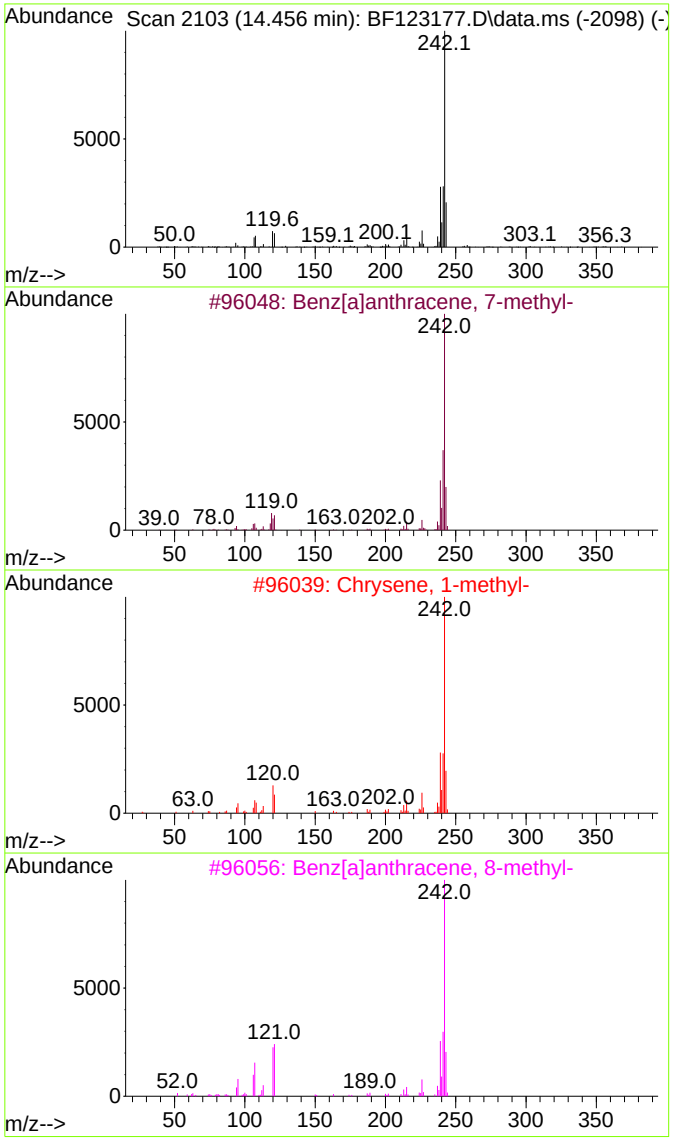
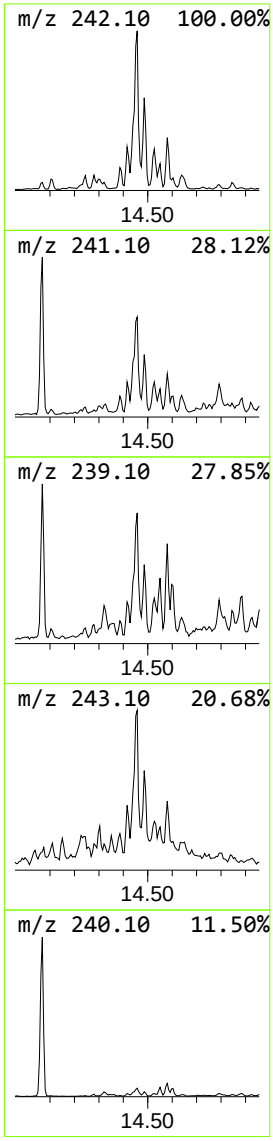
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	5.14 ng	581058	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90





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Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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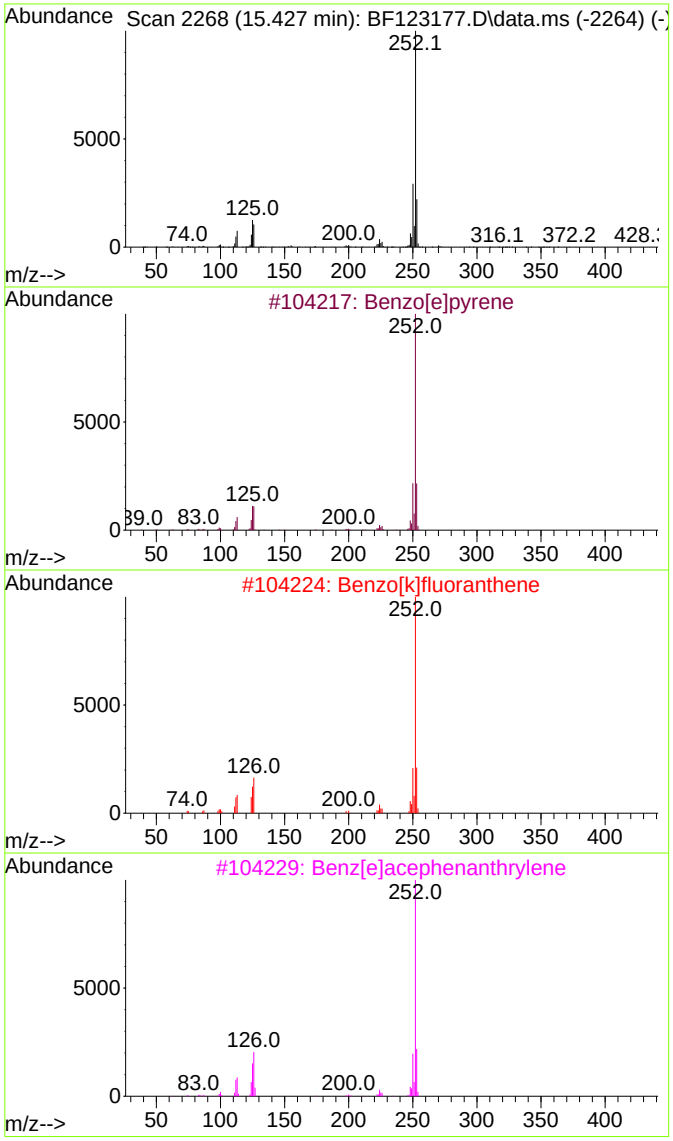
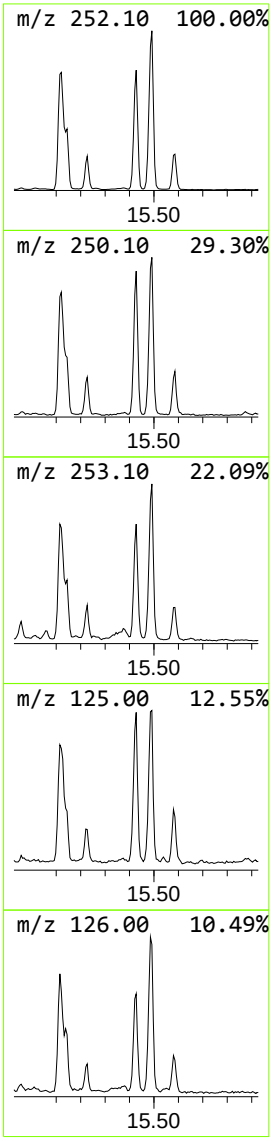
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	16.86 ng	964281	Perylene-d12	15.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

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Data File : BF123177.D
Acq On : 10 Feb 2021 18:56
Operator : JU/CG
Sample : M1345-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-07-020921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	5.1	ng	250307	1	6.880	988019	20.0
Naphthalene, 2,...	9.504	5.3	ng	427595	3	9.927	1601500	20.0
Naphthalene, 1,...	9.580	8.3	ng	662750	3	9.927	1601500	20.0
Naphthalene, 2,...	10.127	4.8	ng	384143	3	9.927	1601500	20.0
Dibenzothiophene	11.310	6.0	ng	425840	4	11.416	1426740	20.0
Dibenzothiophen...	11.745	4.9	ng	347131	4	11.416	1426740	20.0
Phenanthrene, 2...	11.921	11.4	ng	813578	4	11.416	1426740	20.0
Anthracene, 9-m...	11.951	30.2	ng	2154850	4	11.416	1426740	20.0
Phenanthrene, 1...	11.992	5.2	ng	372947	4	11.416	1426740	20.0
Anthracene, 1-m...	12.027	13.8	ng	984243	4	11.416	1426740	20.0
1H-Indene, 2-ph...	12.057	5.3	ng	380779	4	11.416	1426740	20.0
Naphthalene, 2-...	12.216	5.5	ng	394307	4	11.416	1426740	20.0
9,10-Anthracene...	12.239	4.8	ng	345525	4	11.416	1426740	20.0
Phenanthrene, 2...	12.468	8.1	ng	575112	4	11.416	1426740	20.0
Pyrene, 4,5,9,1...	12.510	8.9	ng	634424	4	11.416	1426740	20.0
Cyclopenta(def)...	12.557	5.3	ng	377254	4	11.416	1426740	20.0
Octadecanoic acid	12.739	35.9	ng	2563580	4	11.416	1426740	20.0
Pyrene, 1-methyl-	13.192	6.0	ng	677981	5	14.068	2259450	20.0
Benz[a]anthrace...	14.457	5.1	ng	581058	5	14.068	2259450	20.0
Benzo[e]pyrene	15.427	16.9	ng	964281	6	15.551	1143950	20.0