LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	11	17	rVB	316795	382702	15.19%	0.623%
2	5.493	575	579	583	rBV	1535121	1285560	51.02%	2.092%
3	6.504	744	751	756	rBV	1658471	1424520	56.54%	2.318%
4	6.887	812	816	823	rVB	1361359	1237601	49.12%	2.014%
5	7.439	903	910	913	rBV	1266266	1160369	46.05%	1.888%
6	7.910	983	990	994	rBV5	161204	246108	9.77%	0.401%
7	8.169	1029	1034	1036	rVV	1909024	1727711	68.57%	2.812%
8	8.192	1036	1038	1041	rVV	1093436	827147	32.83%	1.346%
9	8.234	1043	1045	1048	rVV2	132053	136382	5.41%	0.222%
10	8.463	1077	1084	1087	rBV5	91879	154799	6.14%	0.252%
11	8.763	1132	1135	1139	rBV2	158057	142630	5.66%	0.232%
12	8.886	1153	1156	1159	rVB	1888588	1425838	56.59%	2.321%
13	8.986	1167	1173	1176	rVB	2273961	1867331	74.11%	3.039%
14	9.198	1206	1209	1213	rBV2	237975	204199	8.10%	0.332%
15	9.245	1214	1217	1220	rVB	2007567	1525001	60.53%	2.482%
16	9.333	1228	1232	1237	rBV2	223409	371915	14.76%	0.605%
17	9.445	1248	1251	1255	rVB	430024	488246	19.38%	0.795%
18	9.516	1255	1263	1266	rBV	949579	1291036	51.24%	2.101%
19	9.586	1271	1275	1278	rVV	1563541	1594074	63.27%	2.594%
20	9.616	1278	1280	1283	rVV	1162451	899499	35.70%	1.464%
21	9.651	1283	1286	1289	rVB3	243134	274104	10.88%	0.446%
22	9.704	1292	1295	1301	rBV	830328	882367	35.02%	1.436%
23	9.786	1307	1309	1314	rVB	771846	615812	24.44%	1.002%
24	9.910	1327	1330	1331	rBV2	261113	243514	9.66%	0.396%
25	9.928	1331	1333	1336	rVV	1651346	1514543	60.11%	2.465%
26	9.963	1336	1339	1342	rVV	807671	679969	26.99%	1.107%
27	9.992	1342	1344	1348	rVB3	118677	118848	4.72%	0.193%
28	10.033	1348	1351	1355	rBV2	422169	547028	21.71%	0.890%
29	10.075	1355	1358	1362	rVV2	200197	257499	10.22%	0.419%
30	10.133	1364	1368	1372	rVV2	623663	723984	28.73%	1.178%
31	10.169	1372	1374	1377	rVV	463918	428734	17.02%	0.698%
32	10.198	1377	1379	1384	rVV3	123631	135665	5.38%	0.221%
33	10.245	1384	1387	1390	rVV	429764	397303	15.77%	0.647%
34	10.275	1390	1392	1394	rVB	358757	230874	9.16%	0.376%
35	10.339	1399	1403	1404	rBV2	288127	359942	14.29%	0.586%
36	10.357	1404	1406	1409	rVB2	333278	303522	12.05%	0.494%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.428	1409	1418	1421	rBV7	308997	501363	19.90%	0.816%
38	10.475	1423	1426	1433	rVV2	994724	1147220	45.53%	1.867%
39	10.545	1433	1438	1439	rVV2	310262	408087	16.20%	0.664%
40	10.563	1439	1441	1443	rVV3	316702	325307	12.91%	0.529%
41	10.586	1443	1445	1448	rVV2	308319	327074	12.98%	0.532%
42	10.633	1450	1453	1457	rVB3	311859	346897	13.77%	0.565%
43	10.716	1462	1467	1471	rVB	1204741	1063193	42.20%	1.730%
44	10.839	1485	1488	1492	rVB3	332805	396460	15.73%	0.645%
45	10.922	1499	1502	1504	rBV	128396	119648	4.75%	0.195%
46	11.027	1515	1520	1522	rBV	445408	492114	19.53%	0.801%
47	11.057	1522	1525	1528	rVB2	365404	330322	13.11%	0.538%
48	11.110	1532	1534	1537	rVB	294312	241138	9.57%	0.392%
49	11.269	1558	1561	1562	rBV2	111549	116411	4.62%	0.189%
50	11.286	1562	1564	1566	rVV	189826	156728	6.22%	0.255%
51	11.316	1566	1569	1575	rVB2	648854	616179	24.46%	1.003%
52	11.422	1583	1587	1589	rBV	1332225	1235707	49.04%	2.011%
53	11.445	1589	1591	1595	rVV	2795509	2519617	100.00%	4.101%
54	11.492	1597	1599	1602	rVB	638594	550455	21.85%	0.896%
55	11.533	1602	1606	1608	rBV2	199562	258231	10.25%	0.420%
56	11.716	1634	1637	1639	rVB	261872	178935	7.10%	0.291%
57	11.751	1640	1643	1646	rVV	407913	324085	12.86%	0.527%
58	11.833	1654	1657	1661	rVB	290447	301157	11.95%	0.490%
59	11.922	1669	1672	1675	rVV	855247	931382	36.97%	1.516%
60	11.951	1675	1677	1682	rVV	1130454	917920	36.43%	1.494%
61	11.998	1682	1685	1688	rVV	380529	366055	14.53%	0.596%
62	12.033	1688	1691	1694	rVV2	1195195	1372545	54.47%	2.234%
63	12.057	1694	1695	1699	rVB	761302	520758	20.67%	0.848%
64	12.122	1704	1706	1709	rVB	175991	150270	5.96%	0.245%
65	12.157	1709	1712	1715	rVB	184319	151760	6.02%	0.247%
66	12.216	1720	1722	1725	rVV2	331581	332145	13.18%	0.541%
67	12.239	1725	1726	1733	rVB3	186402	231213	9.18%	0.376%
68	12.351	1742	1745	1746	rBV	177777	144616	5.74%	0.235%
69	12.369	1746	1748	1750	rVB	167219	117910	4.68%	0.192%
70	12.398	1750	1753	1755	rBV	206640	191699	7.61%	0.312%
71	12.422	1755	1757	1760	rVB2	198743	169703	6.74%	0.276%
72	12.474	1763	1766	1769	rBV	630872	654009	25.96%	1.064%
73	12.510	1769	1772	1775	rVV3	408798	494963	19.64%	0.806%
74	12.563	1778	1781	1785	rBV2	242998	397653	15.78%	0.647%
75	12.639	1790	1794	1797	rBV	1689717	1413143	56.09%	2.300%
76	12.792	1817	1820	1823	rBV3	170099	193586	7.68%	0.315%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

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-BF032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.869	1827	1833	1835	rBV	2045030	1977090	78.47%	3.218%
78	13.010	1854	1857	1859	rBV	1186616	1028880	40.83%	1.675%
79	13.080	1866	1869	1873	rBV	267911	349961	13.89%	0.570%
80	13.139	1877	1879	1882	rBV2	128056	134937	5.36%	0.220%
81	13.192	1882	1888	1892	rVB	470489	702544	27.88%	1.143%
82	13.245	1894	1897	1898	rBV2	134406	120488	4.78%	0.196%
83	13.263	1898	1900	1903	rVB	329371	252578	10.02%	0.411%
84	13.298	1903	1906	1909	rBV2	340707	331626	13.16%	0.540%
85	13.392	1919	1922	1925	rVV	282468	214276	8.50%	0.349%
86	13.421	1925	1927	1930	rVB	298625	234440	9.30%	0.382%
87	13.592	1953	1956	1959	rBV3	117605	160552	6.37%	0.261%
88	13.816	1990	1994	1997	rBV2	283144	445165	17.67%	0.725%
89	13.845	1997	1999	2001	rVV	214073	158388	6.29%	0.258%
90	13.868	2001	2003	2007	rVV3	107187	128423	5.10%	0.209%
91	14.068	2032	2037	2039	rBV2	1654771	2331487	92.53%	3.794%
92	14.092	2039	2041	2047	rVB	1035276	1089581	43.24%	1.773%
93	14.457	2101	2103	2106	rVB	431612	350270	13.90%	0.570%
94	14.492	2106	2109	2111	rVB	300679	225591	8.95%	0.367%
95	14.586	2122	2125	2126	rBV	252043	259893	10.31%	0.423%
96	15.127	2213	2217	2227	rVB	626397	1235467	49.03%	2.011%
97	15.439	2266	2270	2275	rVB	412341	548569	21.77%	0.893%
98	15.504	2277	2281	2285	rVV	645068	801713	31.82%	1.305%
99	15.568	2288	2292	2295	rVV	810177	1053633	41.82%	1.715%
100	15.598	2295	2297	2304	rVB3	301945	494412	19.62%	0.805%

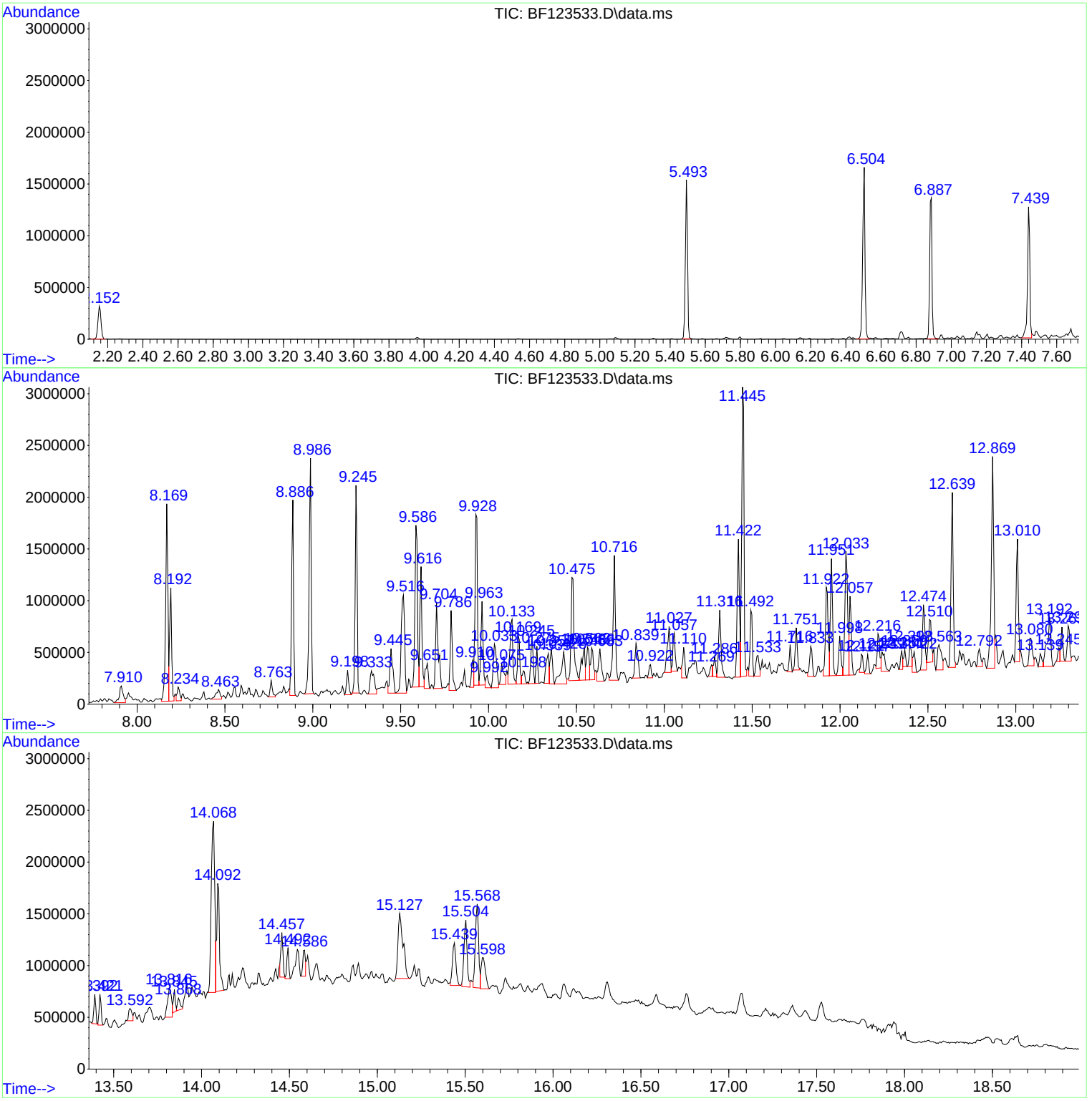
Sum of corrected areas: 61443998

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

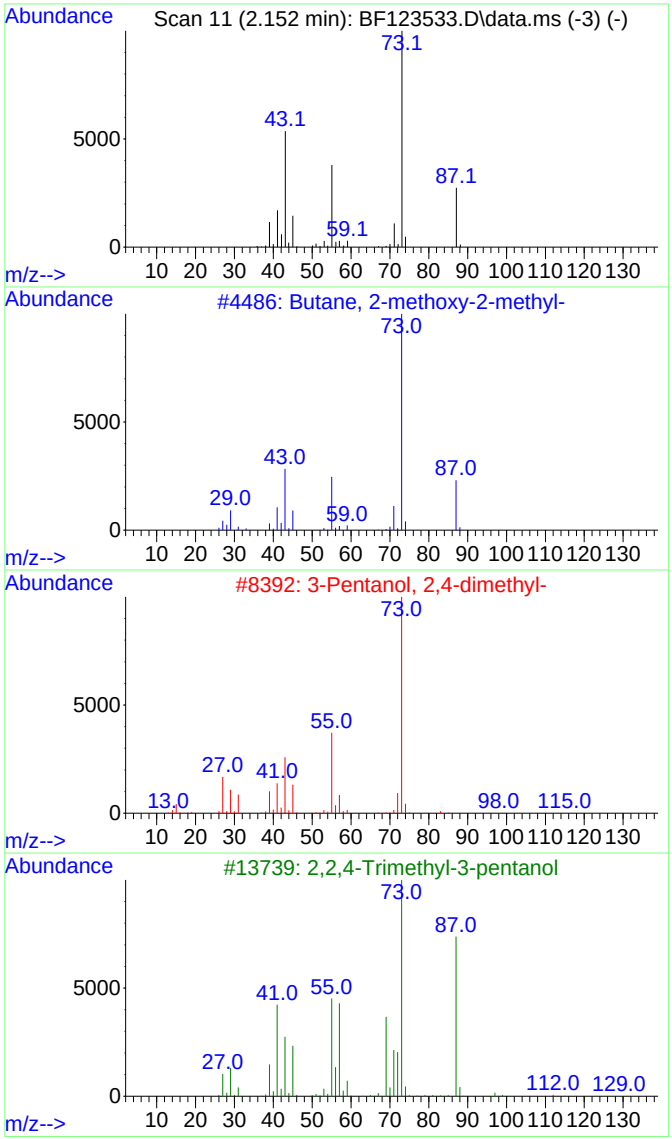
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

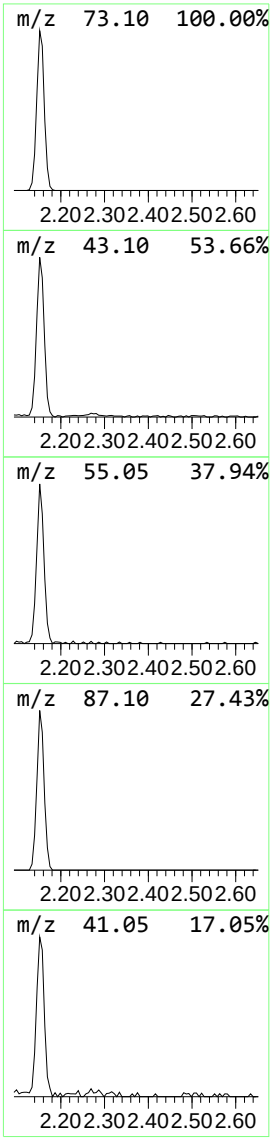
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	6.18 ng	382702	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

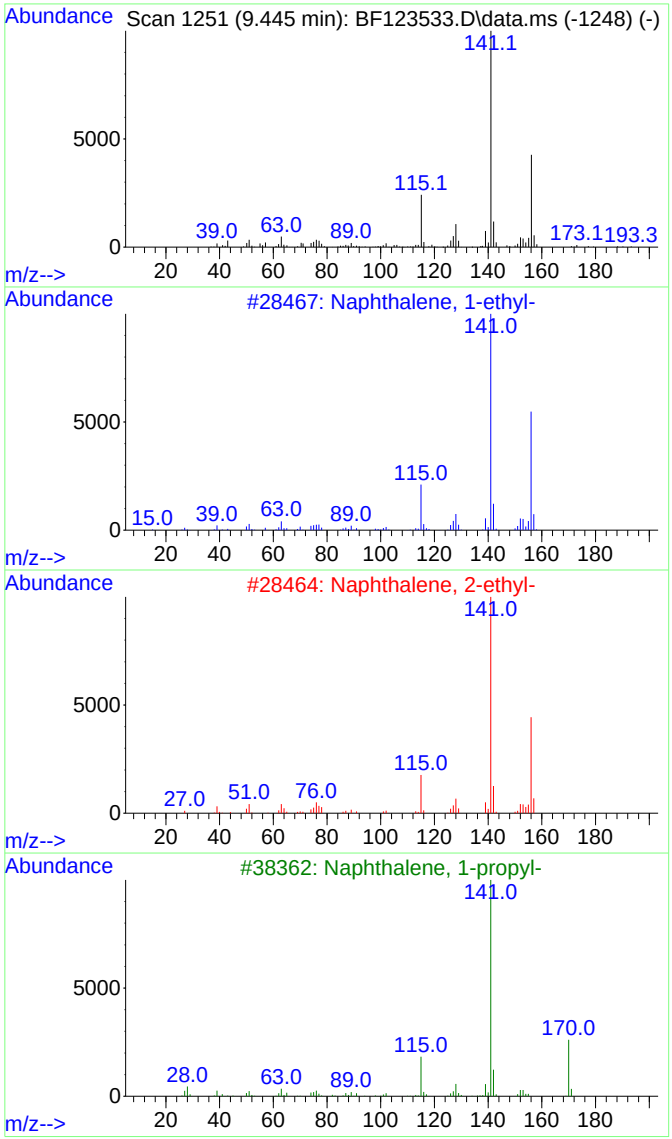
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

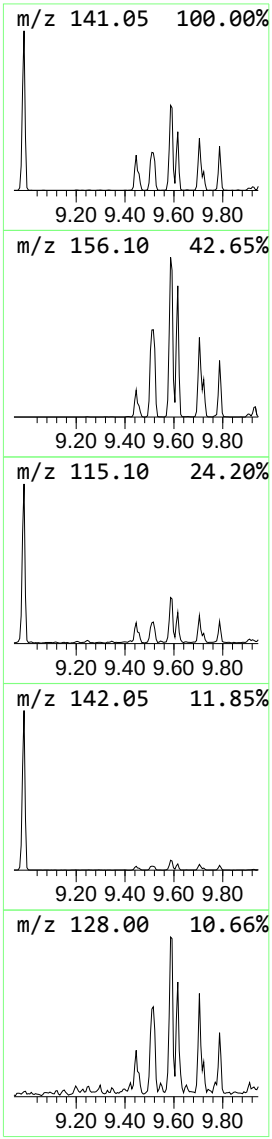
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	6.45 ng	488246	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

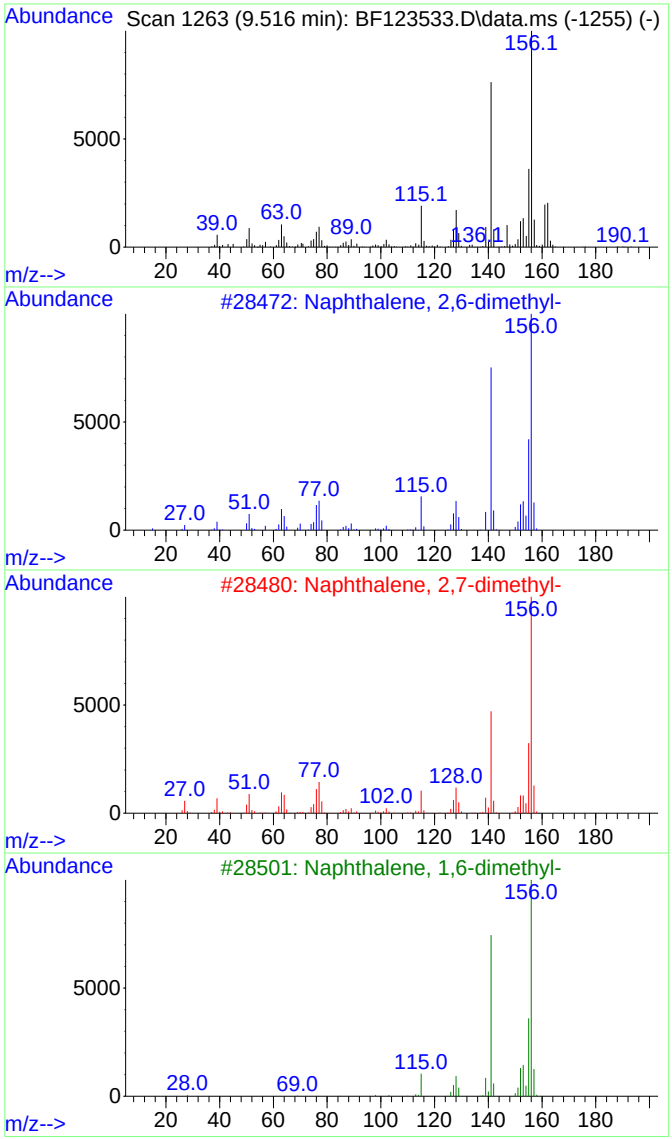
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

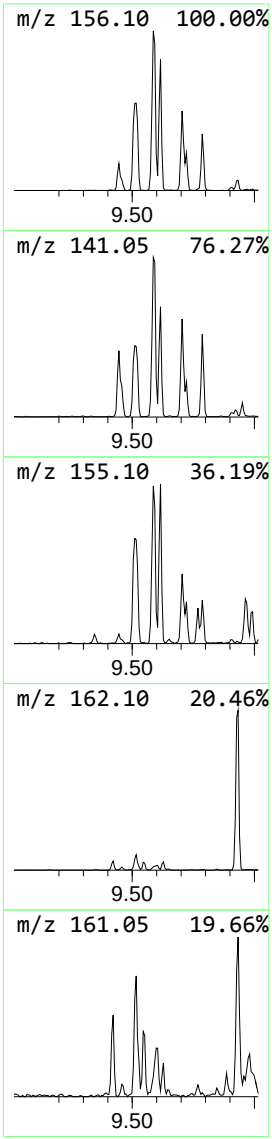
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	17.05 ng	1291040	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

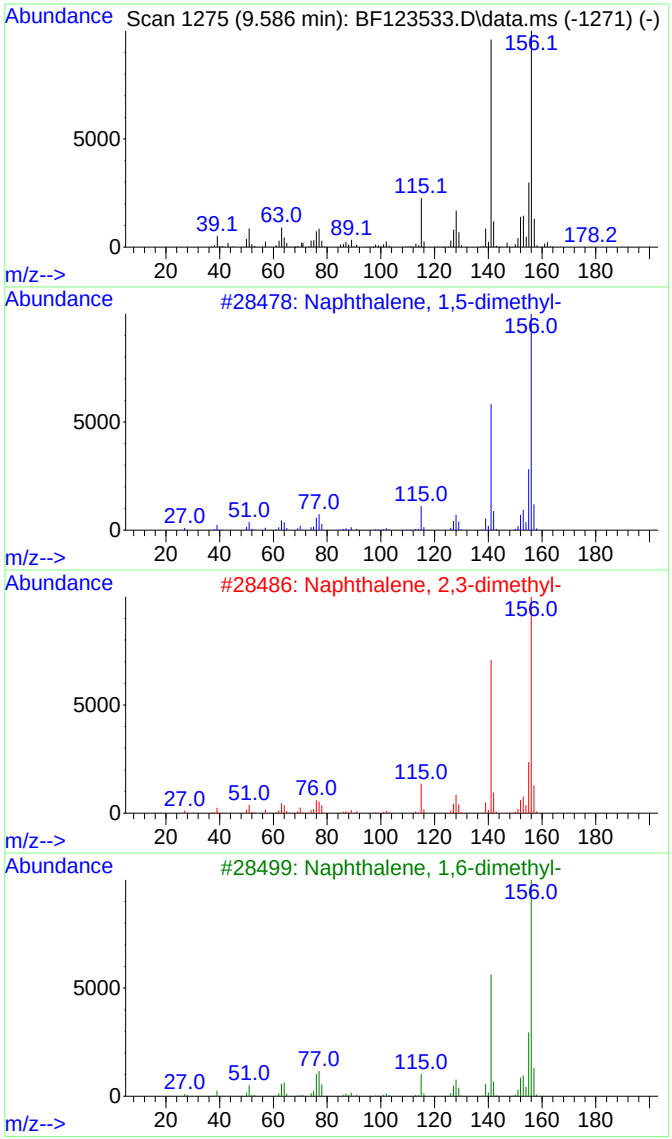
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

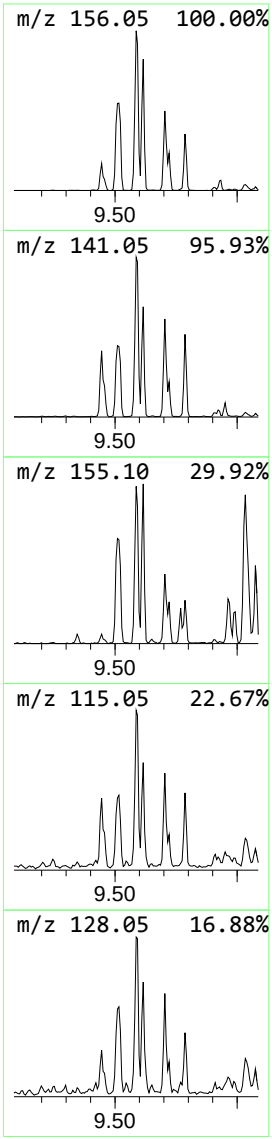
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	21.05 ng	1594070	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

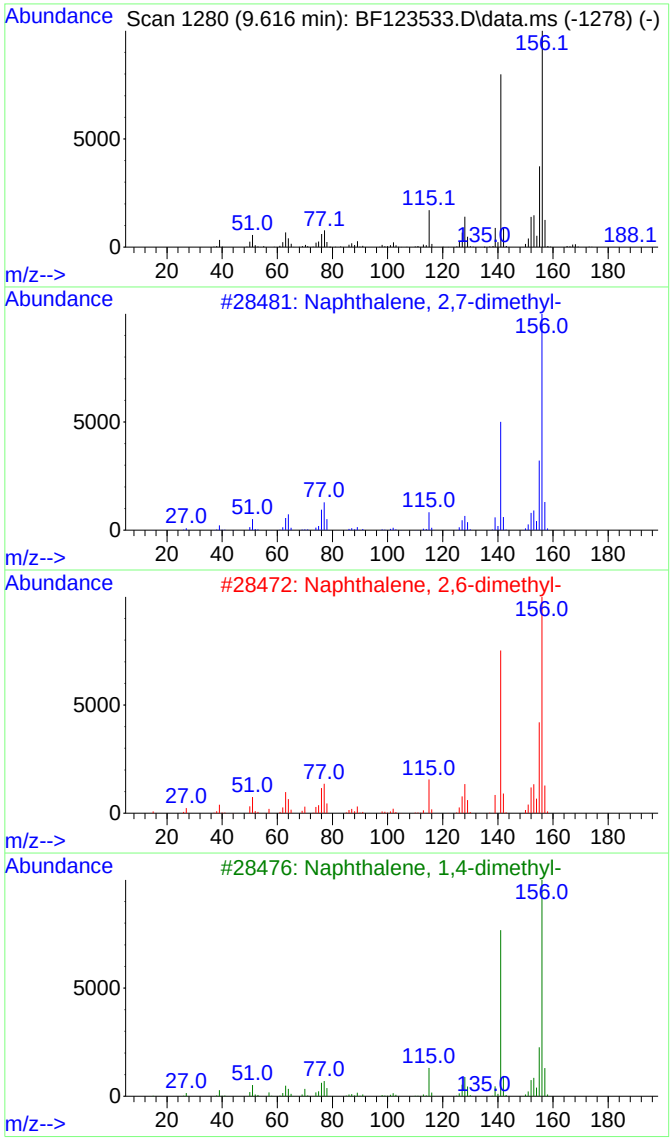
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

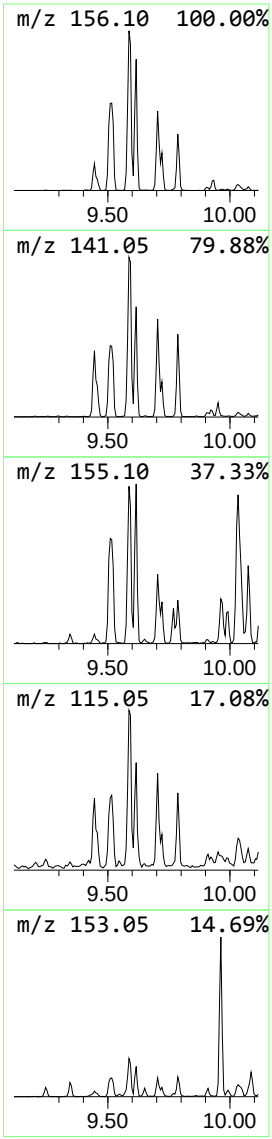
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	11.88 ng	899499	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

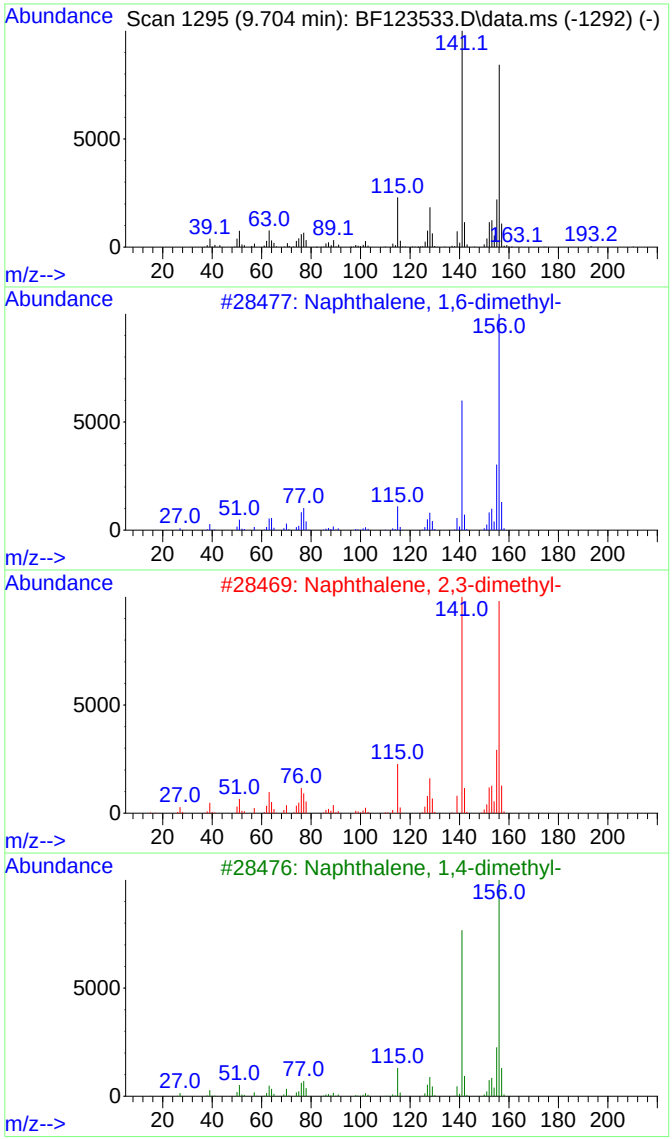
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

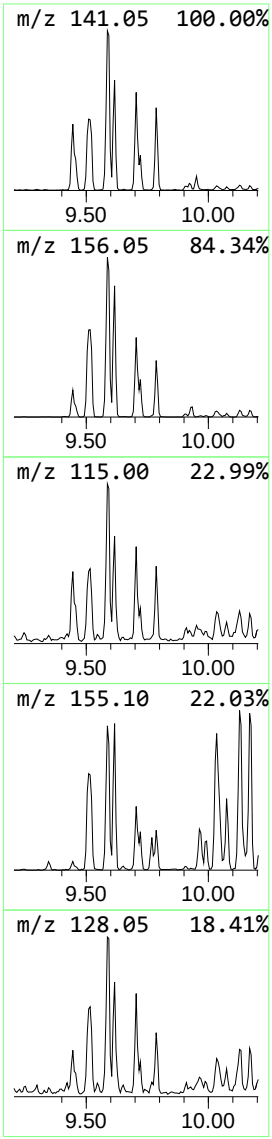
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	11.65 ng	882367	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

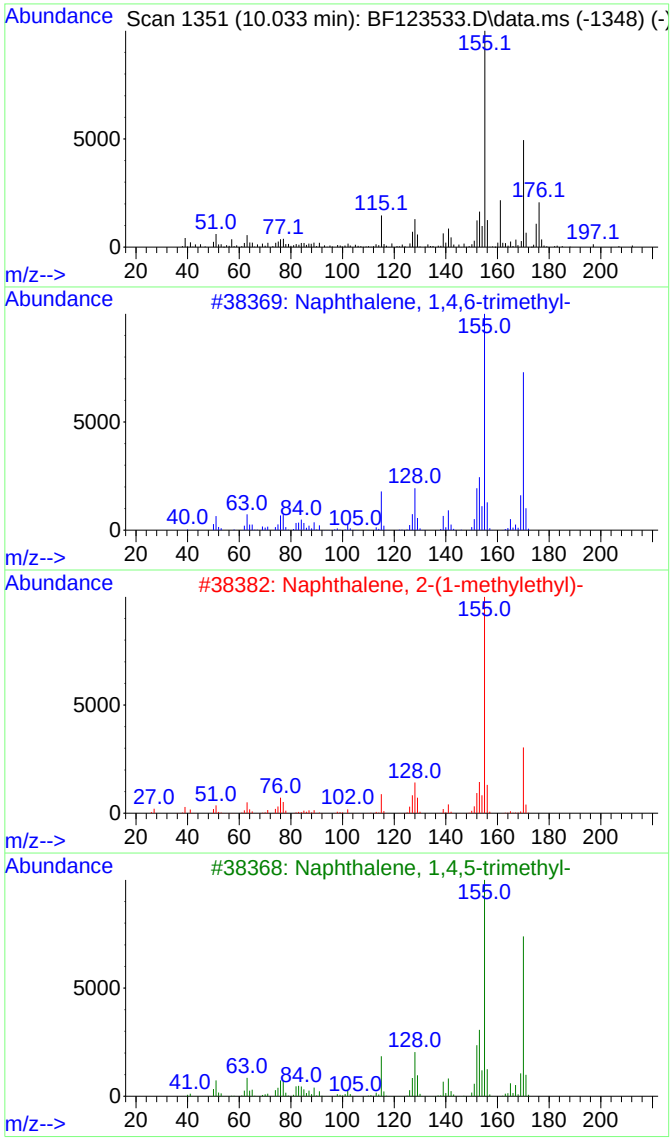
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

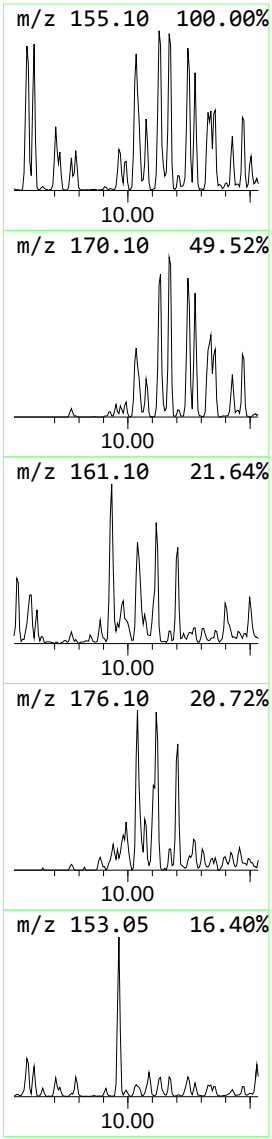
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.033	7.22 ng	547028	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	89
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	58
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55





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Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

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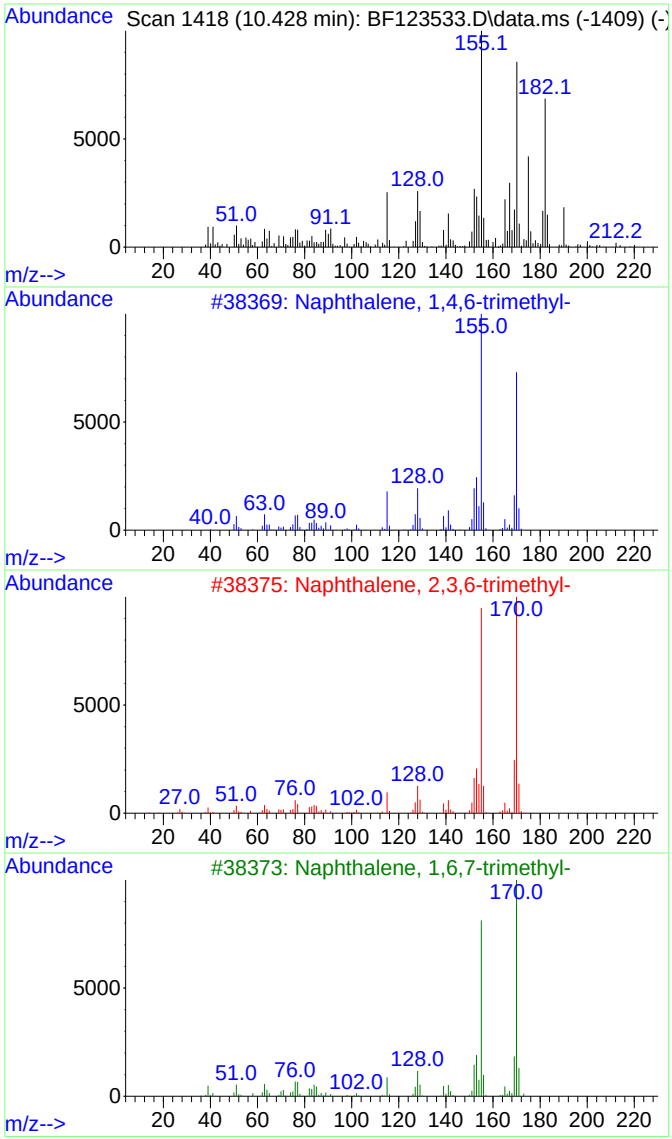
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

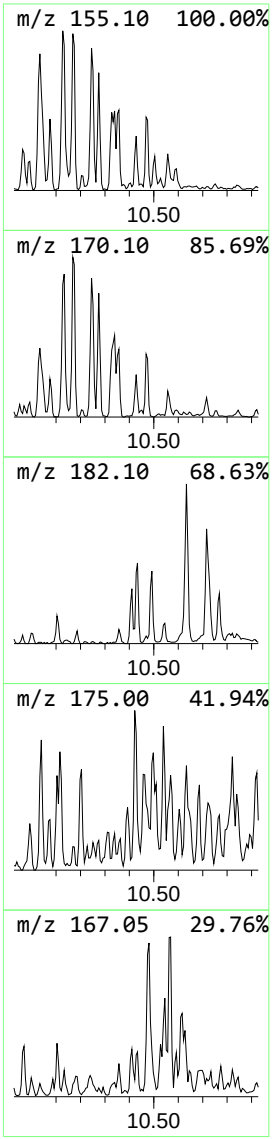
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	6.62 ng	501363	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	78





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Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

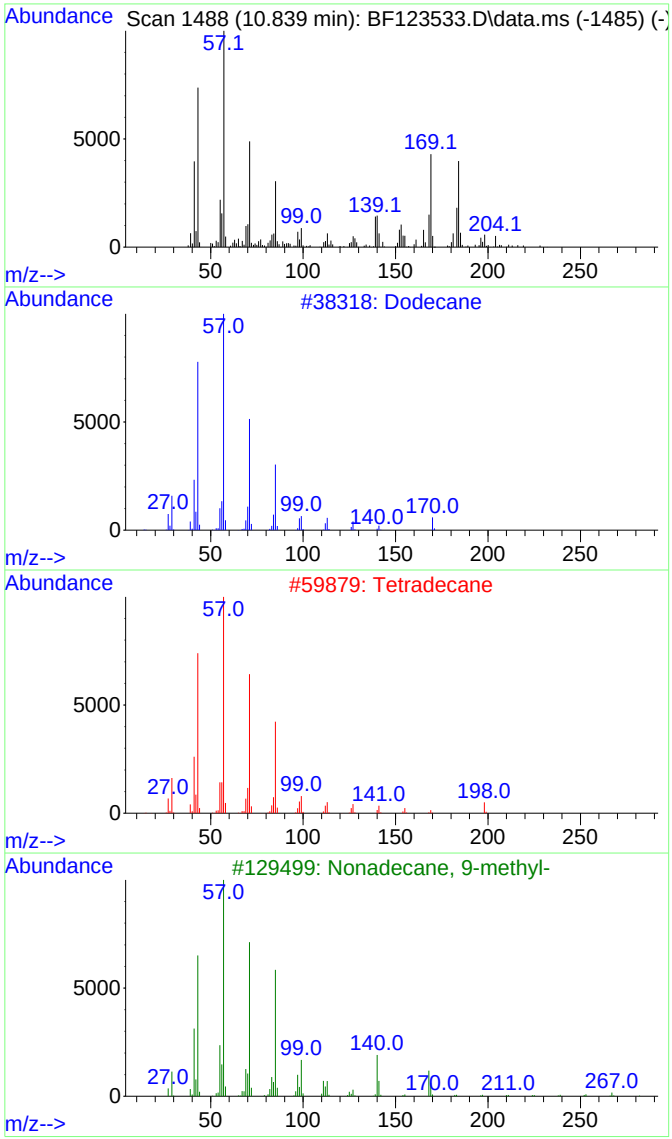
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

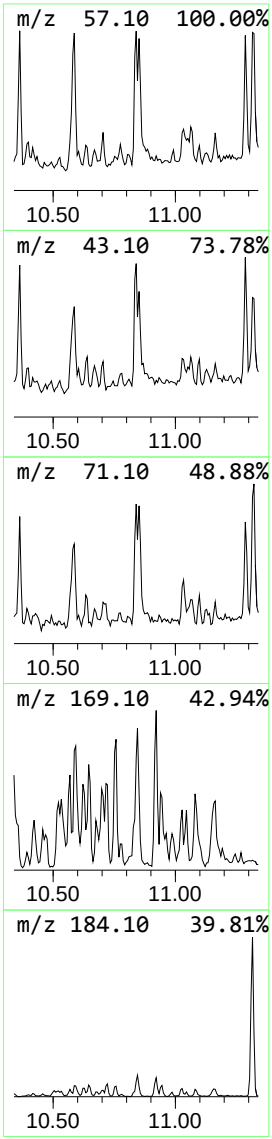
****

Peak Number 9 unknown10.839 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	6.42 ng	396460	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	38
2	Tetradecane	198	C14H30	000629-59-4	38
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	30
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	25
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	25





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Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-032921

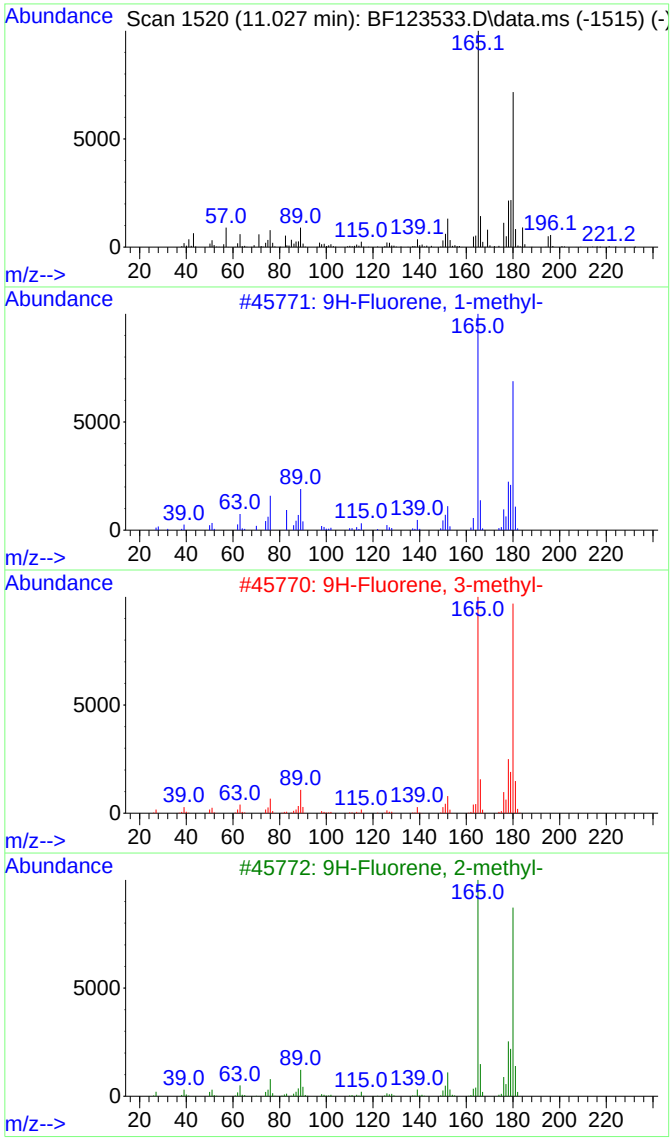
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

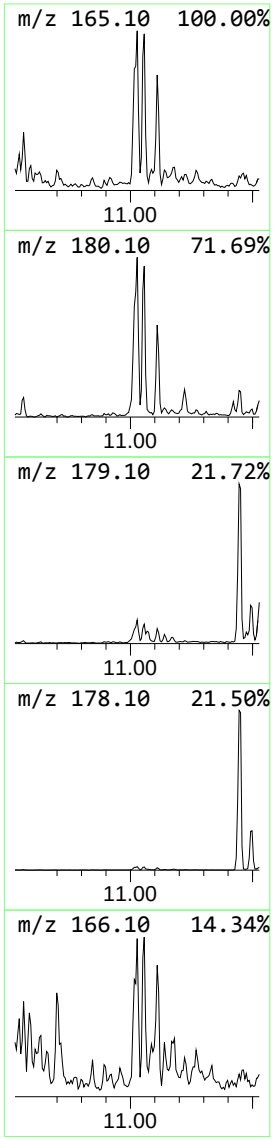
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.028	7.96 ng	492114	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58





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Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-032921

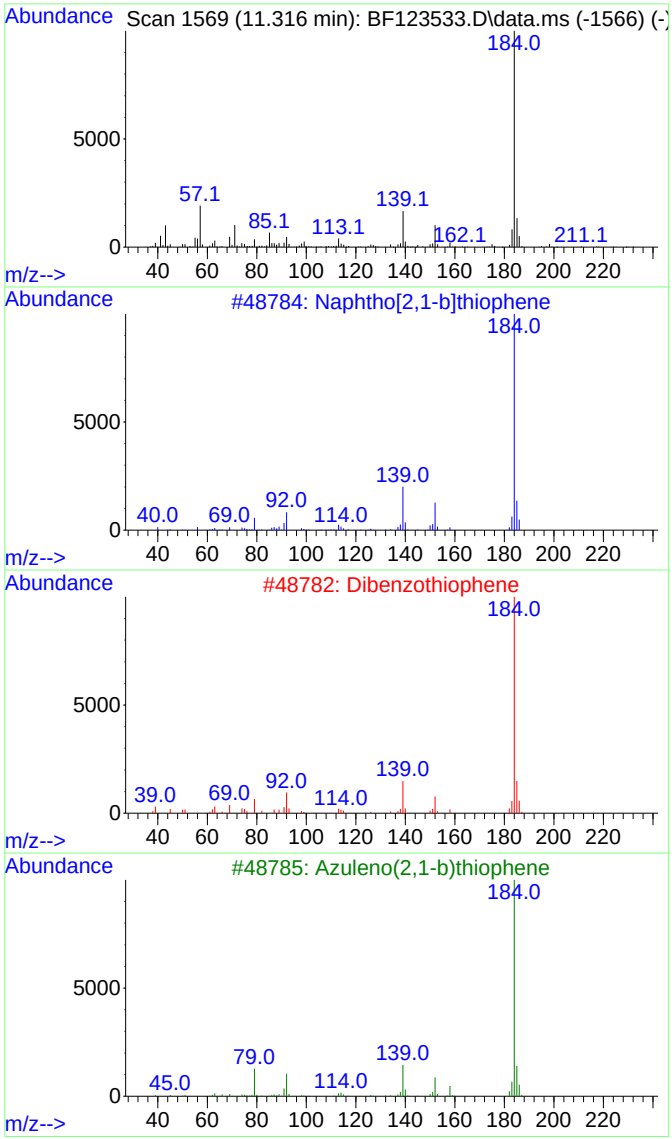
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

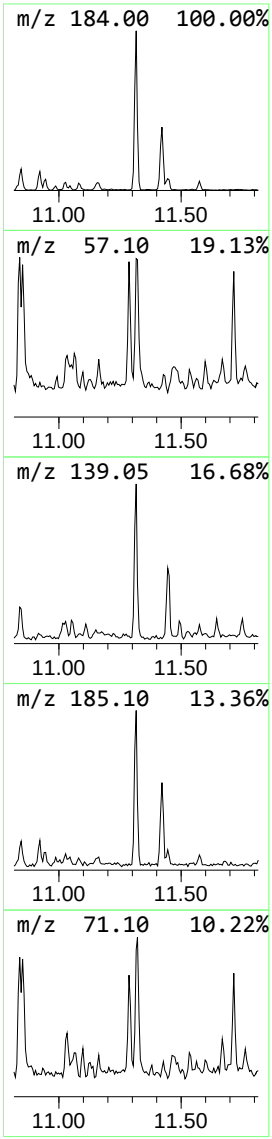
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	9.97 ng	616179	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

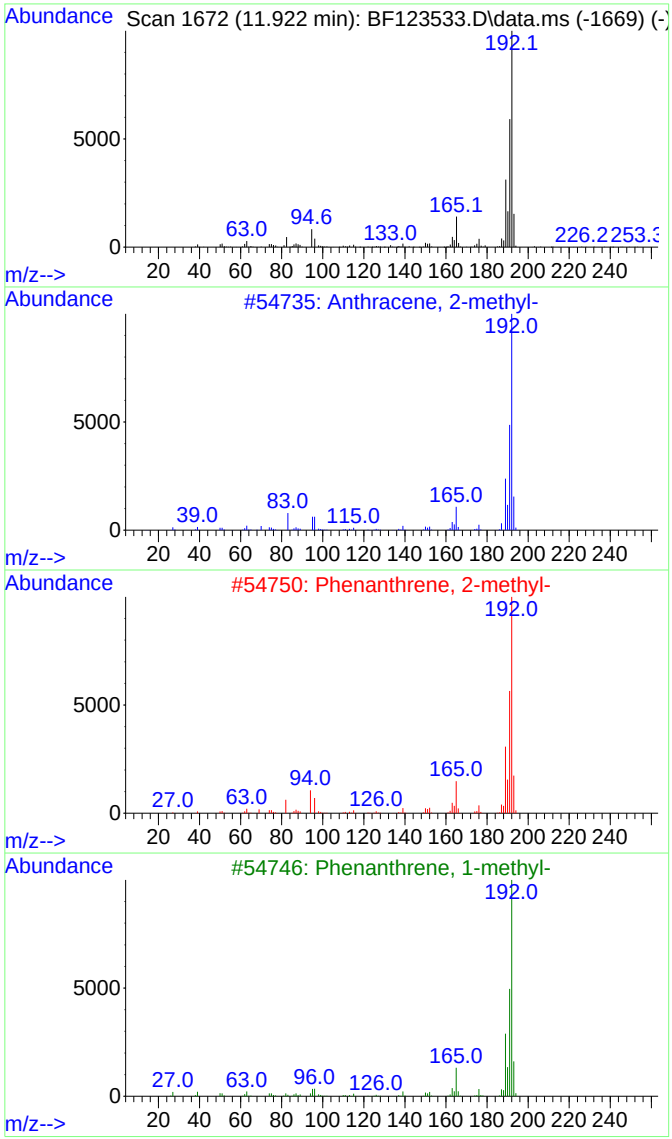
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

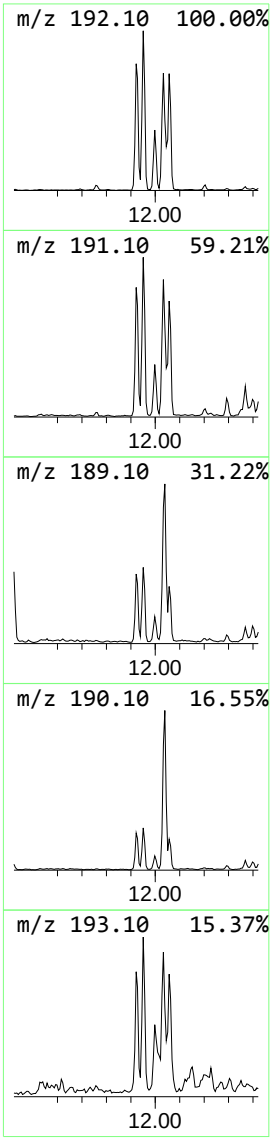
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.07 ng	931382	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

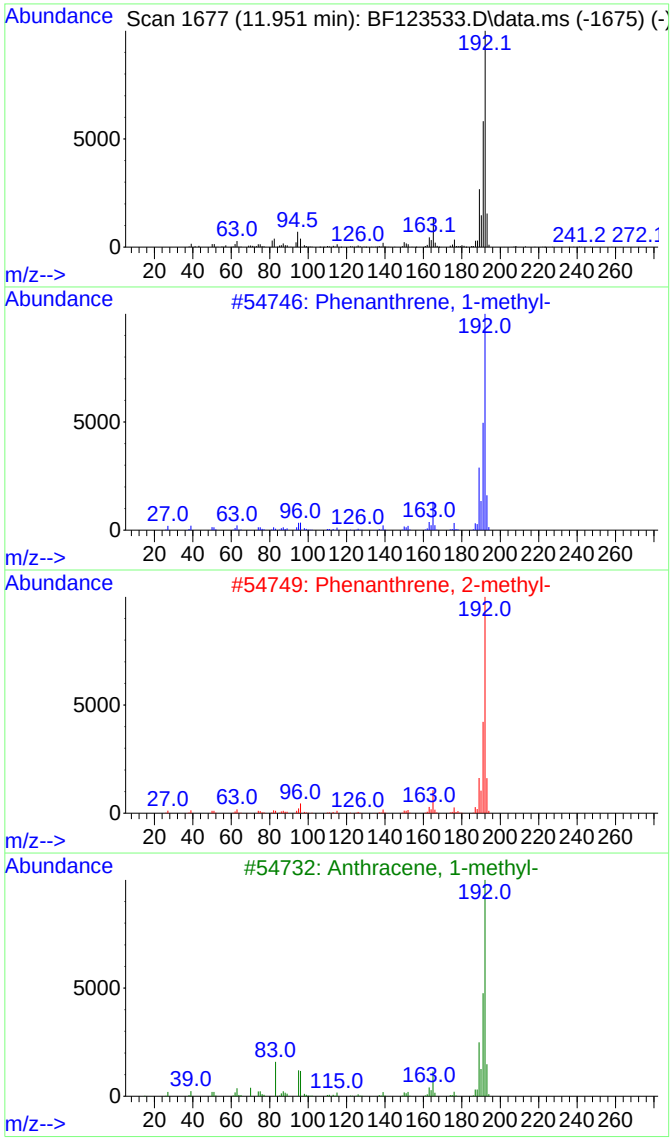
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

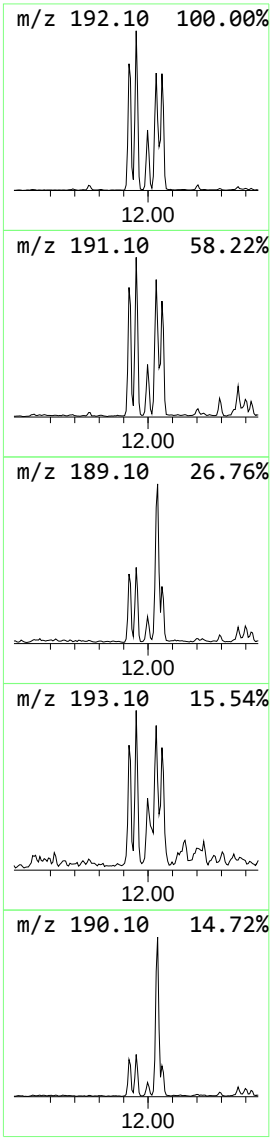
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	14.86 ng	917920	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-032921

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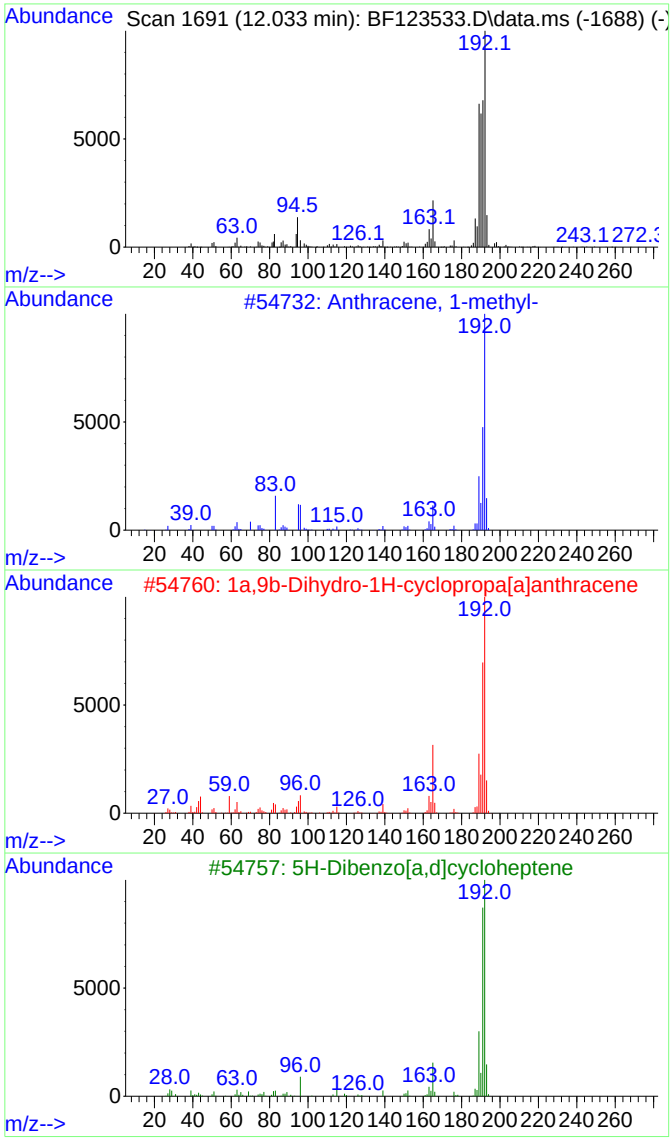
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

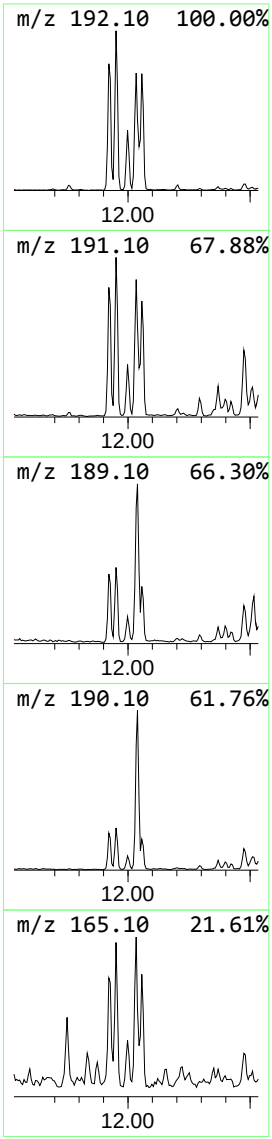
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	22.21 ng	1372550	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	55
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50





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Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

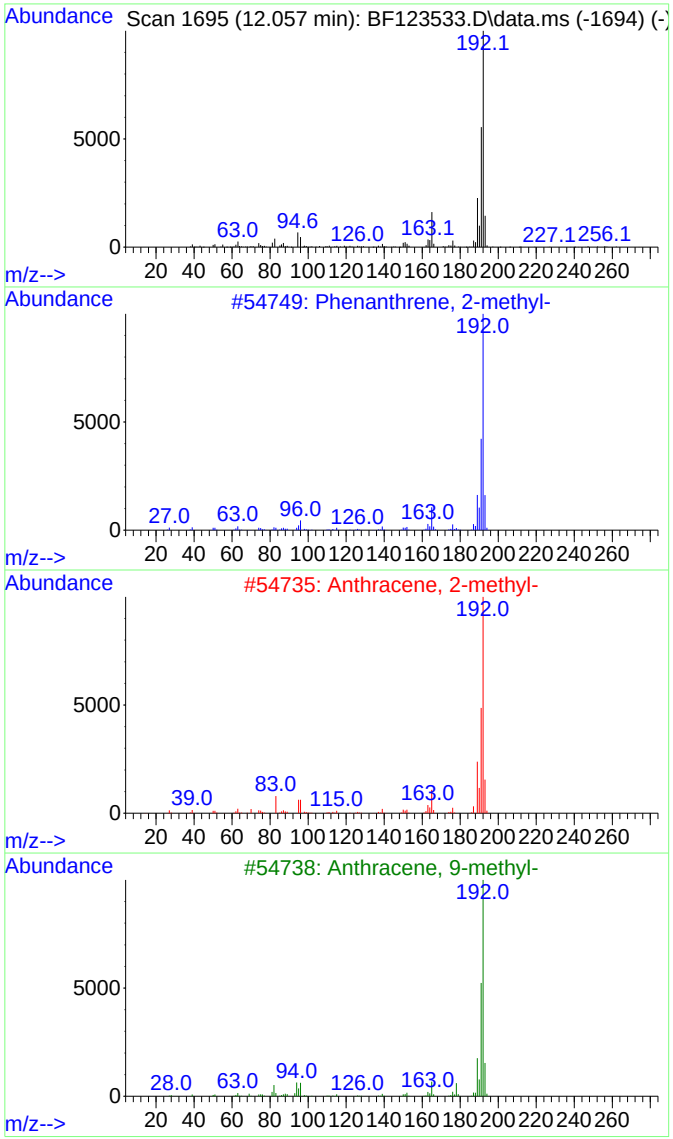
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

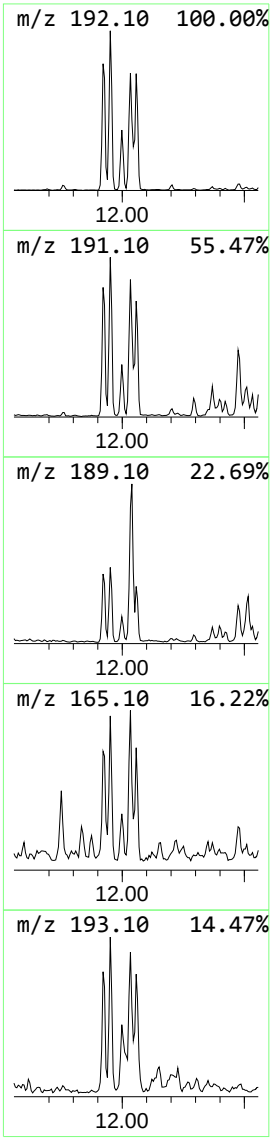
****

Peak Number 15 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	8.43 ng	520758	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-032921

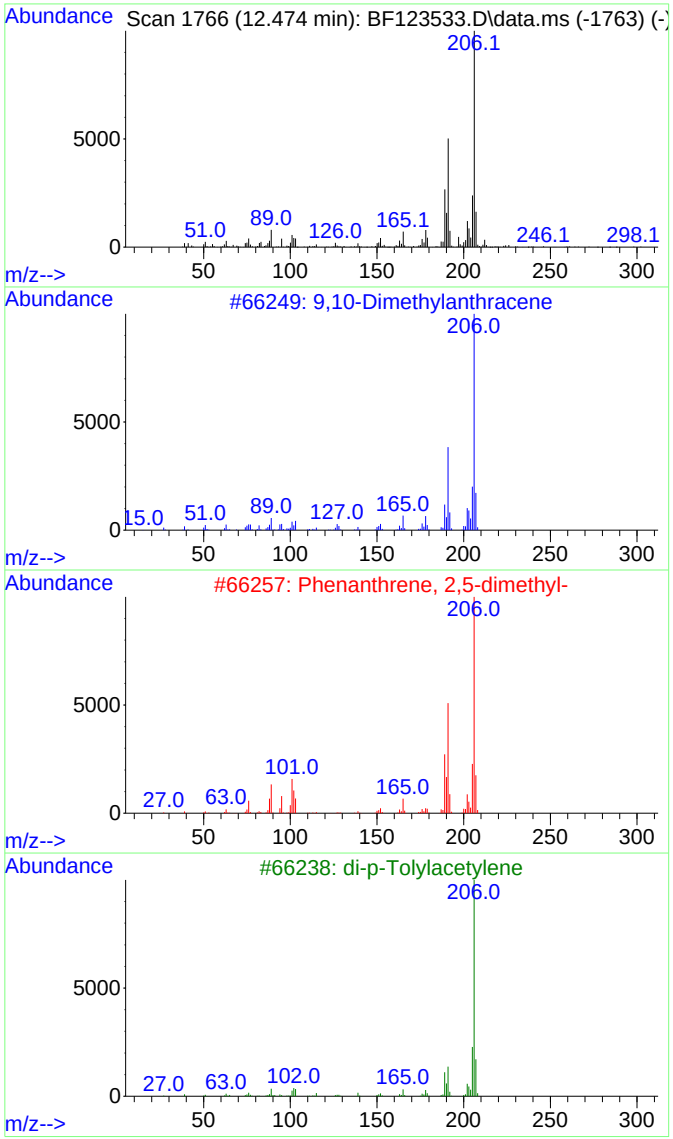
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

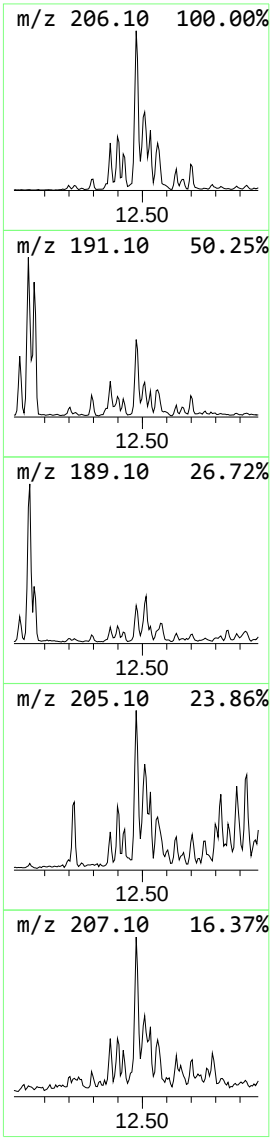
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	10.59 ng	654009	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

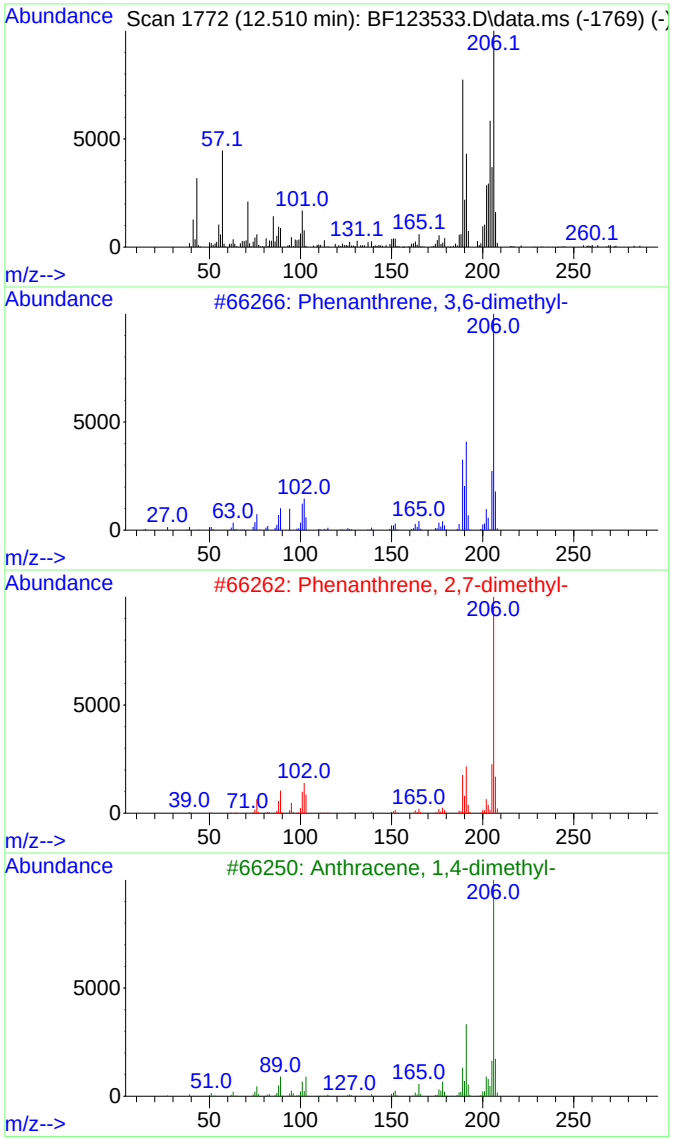
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

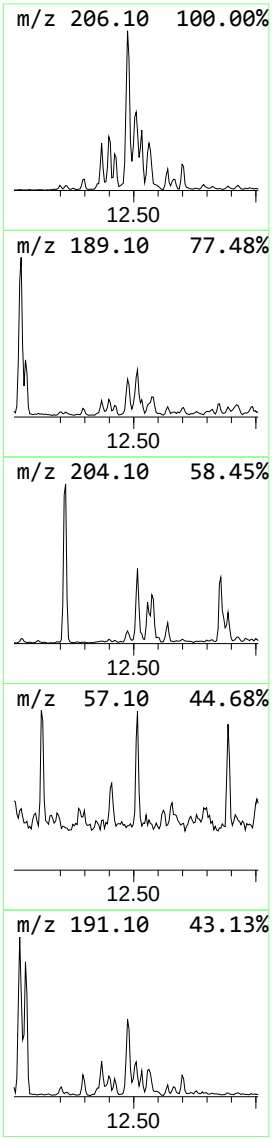
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	8.01 ng	494963	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	45
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43





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Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

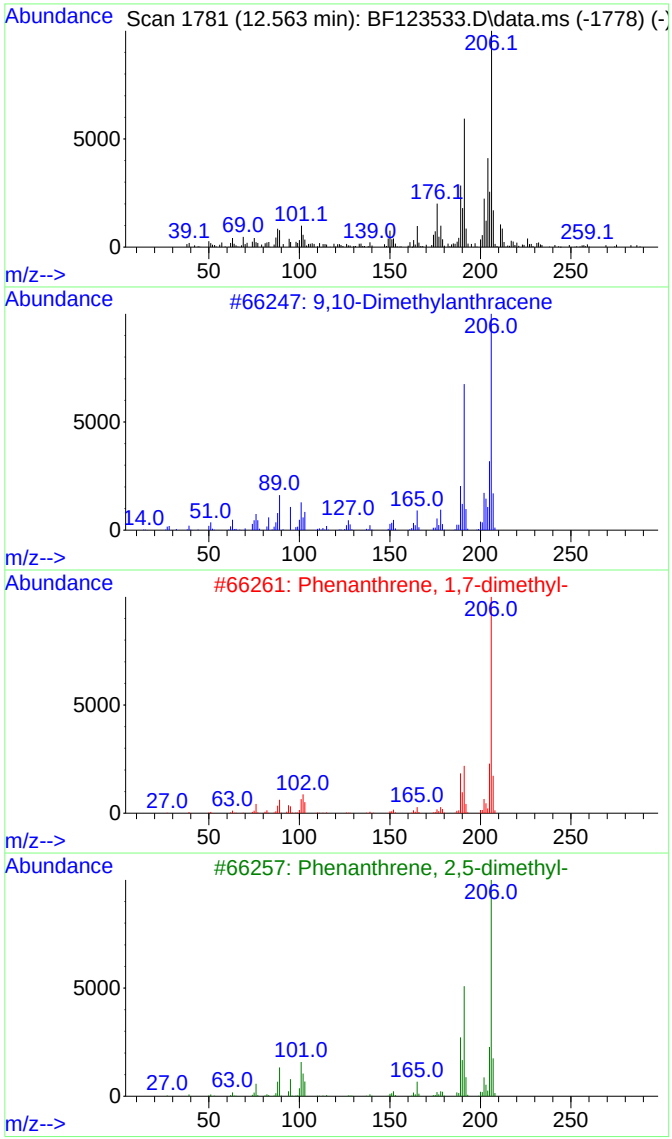
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

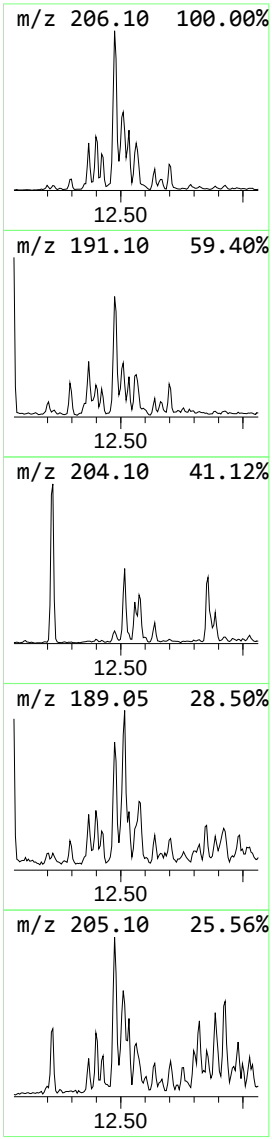
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	6.44 ng	397653	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	55





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Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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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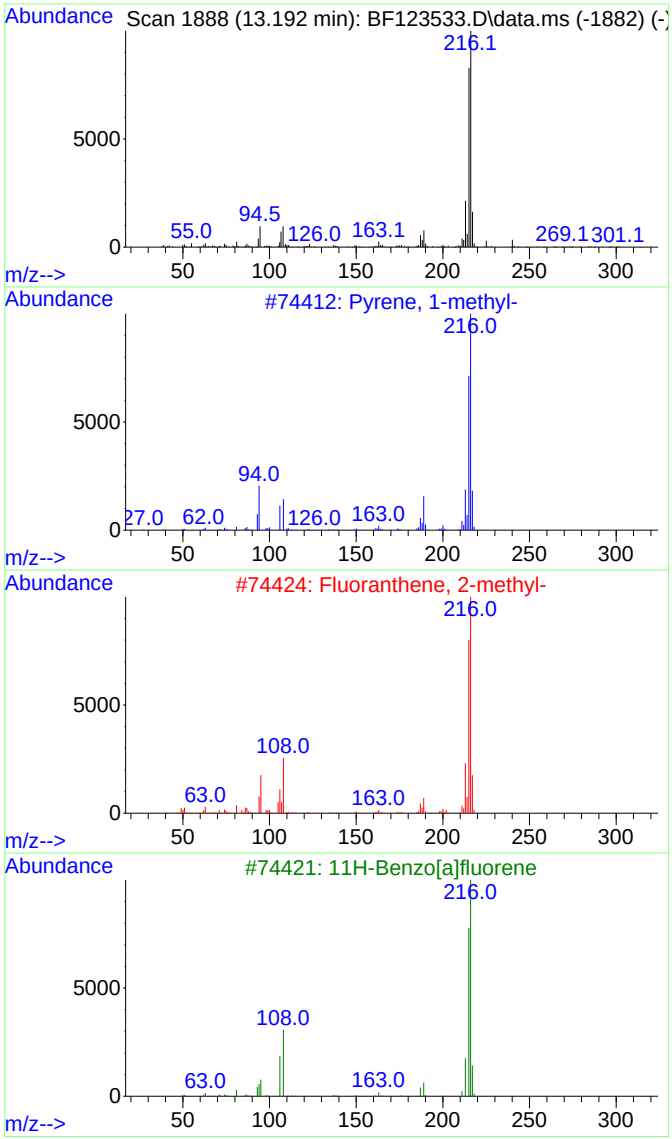
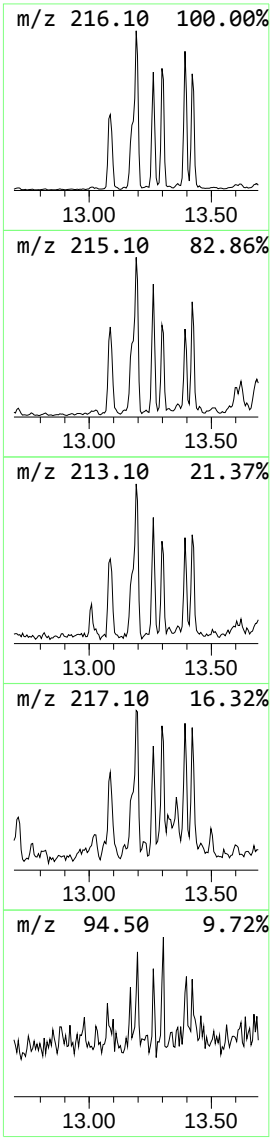
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	6.03 ng	702544	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

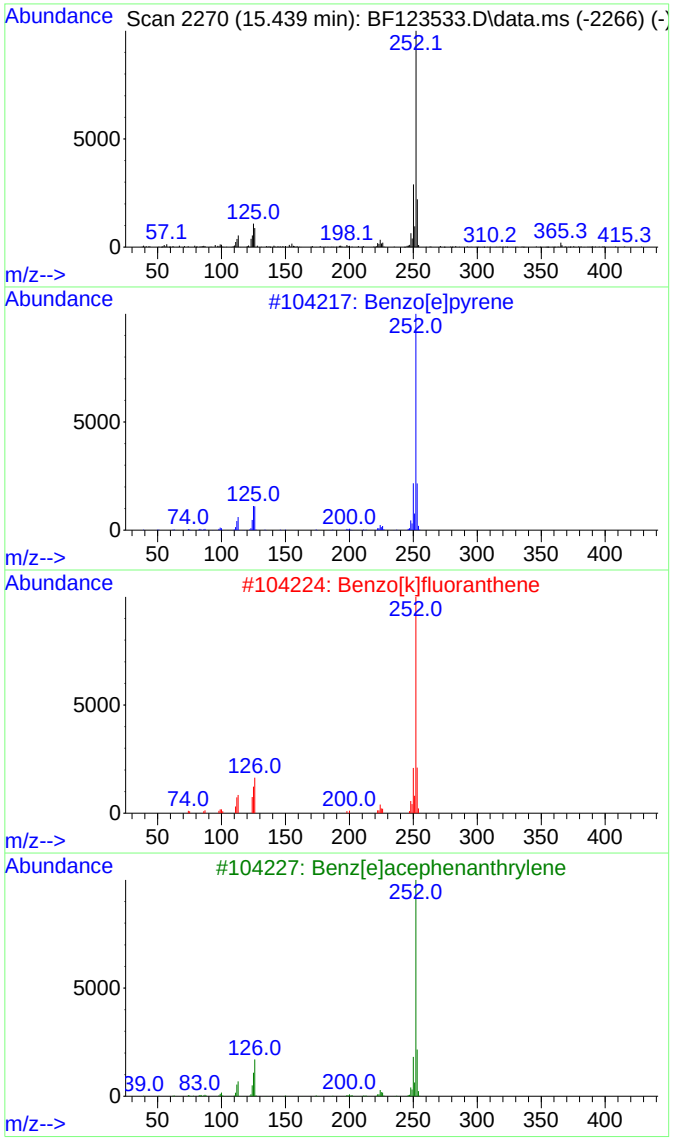
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

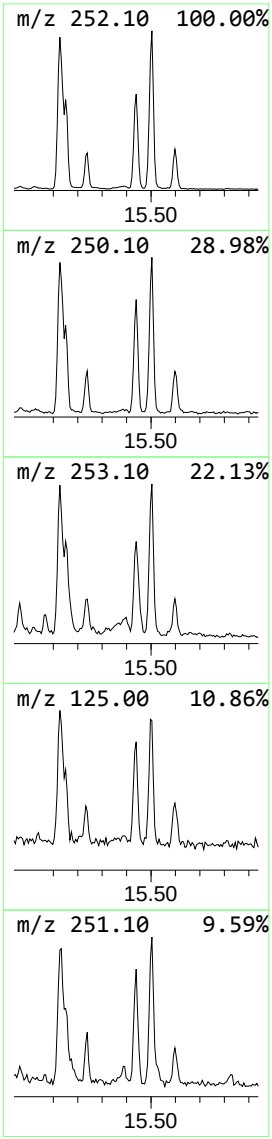
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	10.41 ng	548569	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123533.D
Acq On : 30 Mar 2021 21:28
Operator : JU/CG
Sample : M1852-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-032921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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...	2.152	6.2	ng	382702	1	6.887	1237600	20.0
Naphthalene, 1-...	9.445	6.5	ng	488246	3	9.933	1514540	20.0
Naphthalene, 2,...	9.516	17.1	ng	1291040	3	9.933	1514540	20.0
Naphthalene, 1,...	9.586	21.1	ng	1594070	3	9.933	1514540	20.0
Naphthalene, 2,...	9.616	11.9	ng	899499	3	9.933	1514540	20.0
Naphthalene, 1,...	9.704	11.7	ng	882367	3	9.933	1514540	20.0
Naphthalene, 1,...	10.033	7.2	ng	547028	3	9.933	1514540	20.0
Naphthalene, 2,...	10.428	6.6	ng	501363	3	9.933	1514540	20.0
unknown10.839	10.839	6.4	ng	396460	4	11.422	1235710	20.0
9H-Fluorene, 1-...	11.028	8.0	ng	492114	4	11.422	1235710	20.0
Naphtho[2,1-b]t...	11.316	10.0	ng	616179	4	11.422	1235710	20.0
Anthracene, 2-m...	11.922	15.1	ng	931382	4	11.422	1235710	20.0
Phenanthrene, 1...	11.951	14.9	ng	917920	4	11.422	1235710	20.0
Anthracene, 1-m...	12.033	22.2	ng	1372550	4	11.422	1235710	20.0
Anthracene, 9-m...	12.057	8.4	ng	520758	4	11.422	1235710	20.0
9,10-Dimethylan...	12.475	10.6	ng	654009	4	11.422	1235710	20.0
Phenanthrene, 3...	12.510	8.0	ng	494963	4	11.422	1235710	20.0
Phenanthrene, 1...	12.563	6.4	ng	397653	4	11.422	1235710	20.0
Pyrene, 1-methyl-	13.192	6.0	ng	702544	5	14.069	2331490	20.0
Benzo[e]pyrene	15.439	10.4	ng	548569	6	15.568	1053630	20.0