LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-3-070722

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.563	553	557	560	rBV	4285402	3914407	57.26%	4.116%
2	6.563	722	727	730	rBV	3916864	3856484	56.42%	4.055%
3	6.945	788	792	795	rBV	2164052	1707356	24.98%	1.795%
4	7.504	883	887	890	rBV	2861934	2415206	35.33%	2.539%
5	8.228	1006	1010	1012	rBV	2652641	2117610	30.98%	2.226%
6	8.251	1012	1014	1017	rVB	294160	215833	3.16%	0.227%
7	8.939	1128	1131	1135	rBV	334178	247367	3.62%	0.260%
8	9.039	1144	1148	1151	rBV	295492	227836	3.33%	0.240%
9	9.304	1189	1193	1196	rBV	5646432	4523051	66.17%	4.755%
10	9.569	1233	1238	1241	rBV	177801	240411	3.52%	0.253%
11	9.639	1247	1250	1253	rBV	315298	302110	4.42%	0.318%
12	9.669	1253	1255	1257	rVB	174235	121176	1.77%	0.127%
13	9.757	1267	1270	1272	rBV	149094	130294	1.91%	0.137%
14	9.845	1279	1285	1289	rBV	413109	415934	6.08%	0.437%
15	9.986	1306	1309	1312	rVV	2564533	2009128	29.39%	2.112%
16	10.022	1312	1315	1317	rVB	283913	240829	3.52%	0.253%
17	10.086	1322	1326	1331	rBV2	77186	114570	1.68%	0.120%
18	10.186	1337	1343	1347	rVV2	301712	323895	4.74%	0.341%
19	10.227	1347	1350	1353	rVB	196843	169119	2.47%	0.178%
20	10.298	1358	1362	1365	rBV2	169974	181101	2.65%	0.190%
21	10.392	1373	1378	1379	rBV2	125503	155997	2.28%	0.164%
22	10.533	1399	1402	1408	rVB	584276	526666	7.70%	0.554%
23	10.598	1408	1413	1415	rBV3	88120	127698	1.87%	0.134%
24	10.692	1424	1429	1432	rVB3	155024	179853	2.63%	0.189%
25	10.774	1437	1443	1447	rBV	2802770	2439939	35.69%	2.565%
26	10.898	1458	1464	1470	rVB5	174985	312583	4.57%	0.329%
27	11.086	1491	1496	1498	rBV2	219647	268969	3.93%	0.283%
28	11.110	1498	1500	1503	rVV2	153651	148614	2.17%	0.156%
29	11.169	1507	1510	1513	rVB2	153153	130758	1.91%	0.137%
30	11.210	1513	1517	1519	rBV3	119142	155166	2.27%	0.163%
31	11.233	1519	1521	1526	rVV3	129478	155859	2.28%	0.164%
32	11.280	1526	1529	1533	rVV2	129543	131551	1.92%	0.138%
33	11.327	1533	1537	1540	rVV2	181913	197172	2.88%	0.207%
34	11.374	1540	1545	1550	rVB2	260078	304226	4.45%	0.320%
35	11.480	1559	1563	1565	rBV	2120221	1866753	27.31%	1.963%
36	11.504	1565	1567	1570	rVV	3695875	2837775	41.51%	2.984%

LSC Area Percent Report

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Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.557	1572	1576	1578	rVV	988588	847419	12.40%	0.891%
38	11.586	1578	1581	1584	rVB2	142021	167063	2.44%	0.176%
39	11.710	1599	1602	1607	rBV2	181892	221200	3.24%	0.233%
40	11.774	1611	1613	1615	rVV	153111	118600	1.73%	0.125%
41	11.810	1616	1619	1623	rVB2	197371	184292	2.70%	0.194%
42	11.980	1645	1648	1651	rBV	907037	1044987	15.29%	1.099%
43	12.010	1651	1653	1656	rVV	1184262	906543	13.26%	0.953%
44	12.057	1658	1661	1664	rVV	410663	347755	5.09%	0.366%
45	12.098	1664	1668	1670	rVV2	1249433	1443819	21.12%	1.518%
46	12.116	1670	1671	1675	rVB	629997	403112	5.90%	0.424%
47	12.163	1676	1679	1681	rBV2	125131	111170	1.63%	0.117%
48	12.274	1695	1698	1701	rVV	442377	422043	6.17%	0.444%
49	12.304	1701	1703	1706	rVB2	198480	182681	2.67%	0.192%
50	12.427	1722	1724	1726	rVV	239432	183799	2.69%	0.193%
51	12.457	1726	1729	1731	rVV	319790	255935	3.74%	0.269%
52	12.480	1731	1733	1736	rVB	246537	200464	2.93%	0.211%
53	12.551	1738	1745	1746	rBV2	849205	1439164	21.05%	1.513%
54	12.568	1746	1748	1751	rVV2	696231	752723	11.01%	0.791%
55	12.592	1751	1752	1754	rVB	246386	121942	1.78%	0.128%
56	12.621	1754	1757	1761	rBV2	440429	535303	7.83%	0.563%
57	12.657	1761	1763	1766	rVB2	145168	125665	1.84%	0.132%
58	12.704	1766	1771	1774	rBV	6464921	5891995	86.19%	6.195%
59	12.739	1774	1777	1779	rBV	150057	127000	1.86%	0.134%
60	12.763	1779	1781	1783	rBV2	149139	107507	1.57%	0.113%
61	12.792	1783	1786	1788	rVB	185435	187638	2.74%	0.197%
62	12.851	1793	1796	1798	rBV	234560	195464	2.86%	0.206%
63	12.933	1803	1810	1815	rBV	5979642	6835853	100.00%	7.187%
64	12.980	1815	1818	1822	rVB2	349961	418047	6.12%	0.440%
65	13.068	1822	1833	1836	rBV	4352100	4478099	65.51%	4.708%
66	13.145	1841	1846	1850	rBV3	592693	952697	13.94%	1.002%
67	13.233	1857	1861	1862	rBV3	422065	451974	6.61%	0.475%
68	13.257	1862	1865	1868	rVB	1215708	1141119	16.69%	1.200%
69	13.286	1868	1870	1872	rBV2	128270	116026	1.70%	0.122%
70	13.321	1874	1876	1879	rVB	861913	666618	9.75%	0.701%
71	13.363	1879	1883	1886	rBV2	895896	899853	13.16%	0.946%
72	13.415	1890	1892	1895	rBV2	112174	115152	1.68%	0.121%
73	13.457	1896	1899	1901	rBV	541896	454794	6.65%	0.478%
74	13.486	1901	1904	1907	rBV	561005	471753	6.90%	0.496%
75	13.627	1926	1928	1931	rBV3	176816	209635	3.07%	0.220%
76	13.739	1944	1947	1949	rBV2	184081	240706	3.52%	0.253%

LSC Area Percent Report

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Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.762	1949	1951	1956	rVB	460946	516996	7.56%	0.544%
78	13.880	1966	1971	1974	rBV3	533977	790084	11.56%	0.831%
79	13.910	1974	1976	1978	rVV	588469	484040	7.08%	0.509%
80	13.933	1978	1980	1983	rVV2	521130	603084	8.82%	0.634%
81	13.974	1985	1987	1990	rVB	377048	322819	4.72%	0.339%
82	14.127	2006	2013	2016	rBV2	3912344	5594175	81.84%	5.882%
83	14.162	2016	2019	2024	rVB	3075083	2976783	43.55%	3.130%
84	14.221	2025	2029	2031	rBV2	604096	762148	11.15%	0.801%
85	14.274	2036	2038	2042	rBV2	277273	283189	4.14%	0.298%
86	14.357	2048	2052	2055	rBV2	228313	356173	5.21%	0.374%
87	14.386	2055	2057	2060	rVB	166761	145890	2.13%	0.153%
88	14.480	2071	2073	2075	rBV	208839	200604	2.93%	0.211%
89	14.515	2077	2079	2082	rVV	742452	731329	10.70%	0.769%
90	14.551	2082	2085	2088	rVB	430110	384942	5.63%	0.405%
91	14.645	2098	2101	2103	rBV	404002	368801	5.40%	0.388%
92	14.668	2103	2105	2109	rVB2	435990	391007	5.72%	0.411%
93	15.204	2191	2196	2199	rBV	2059625	3303485	48.33%	3.473%
94	15.315	2212	2215	2219	rVB	431420	446993	6.54%	0.470%
95	15.527	2247	2251	2256	rVB	1309101	1655299	24.21%	1.740%
96	15.592	2257	2262	2268	rVV	1989238	2503771	36.63%	2.632%
97	15.656	2269	2273	2276	rVV	1088017	1441221	21.08%	1.515%
98	15.686	2276	2278	2285	rVB2	553258	762323	11.15%	0.801%
99	17.209	2532	2537	2544	rVB2	783399	1500432	21.95%	1.578%
100	17.680	2612	2617	2627	rVB	583975	1195759	17.49%	1.257%

Sum of corrected areas: 95112252

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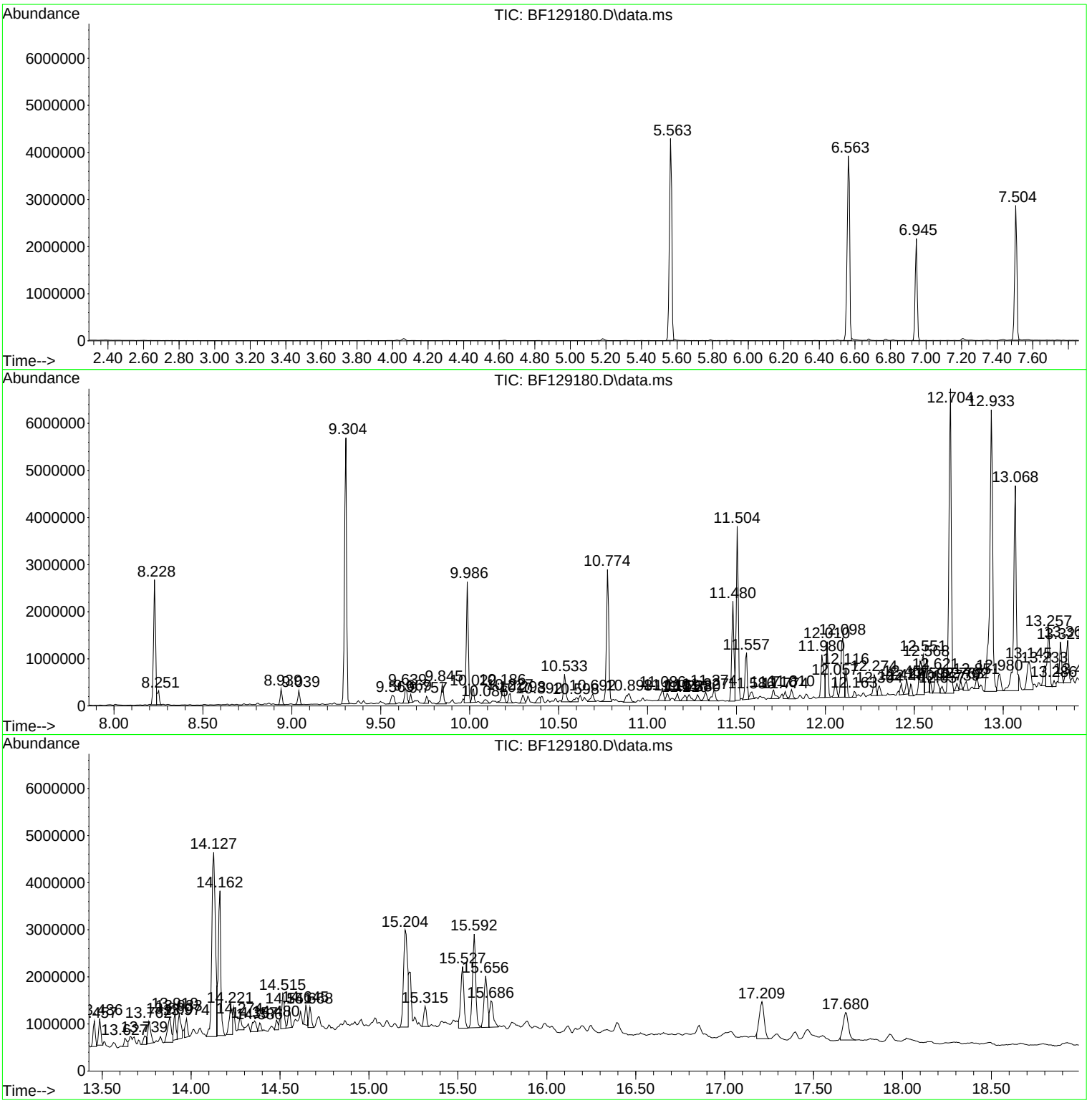
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
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Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

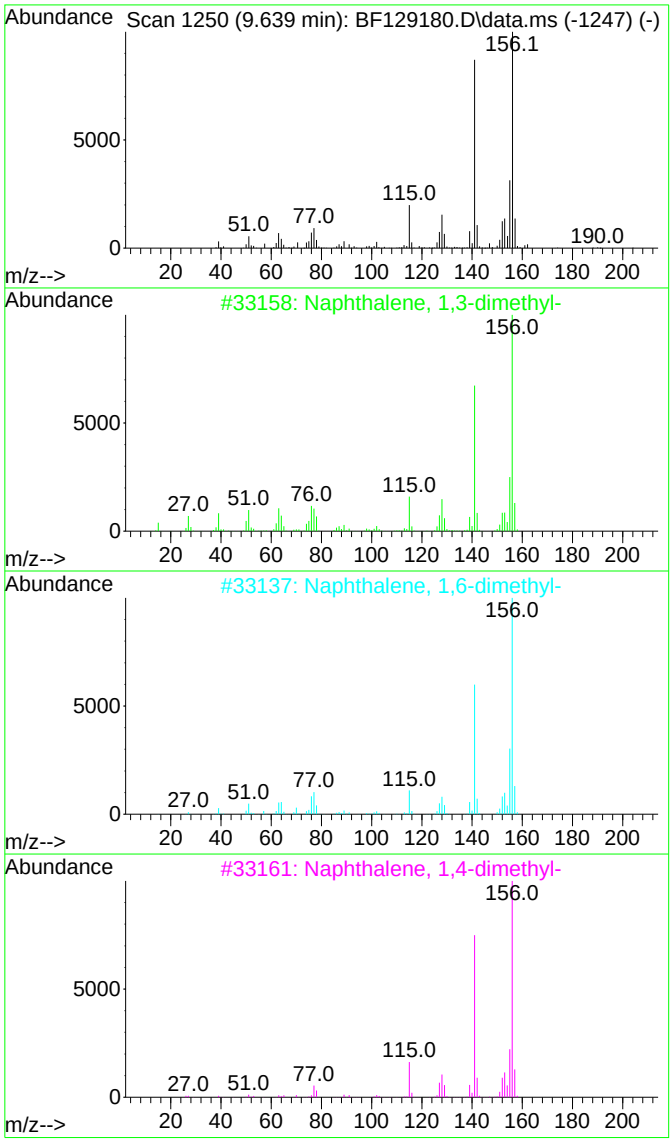
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

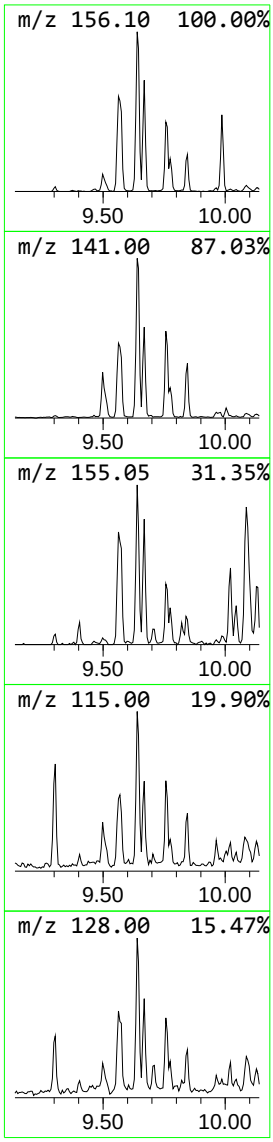
****

Peak Number 1 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	3.01 ng	302110	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-3-070722

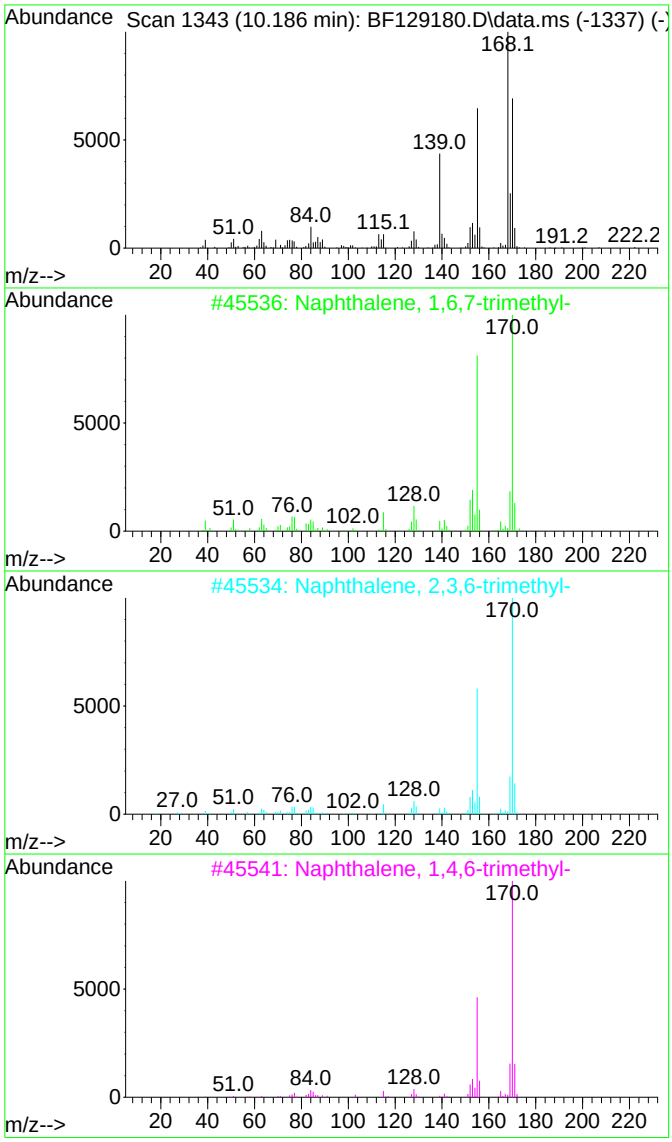
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

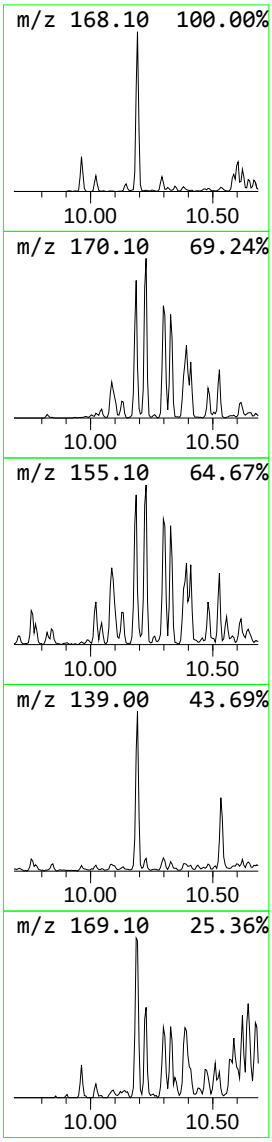
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	3.22 ng	323895	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4	Dibenzofuran	168	C12H8O	000132-64-9	42
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
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Instrument :
BNA_F
ClientSampleId :
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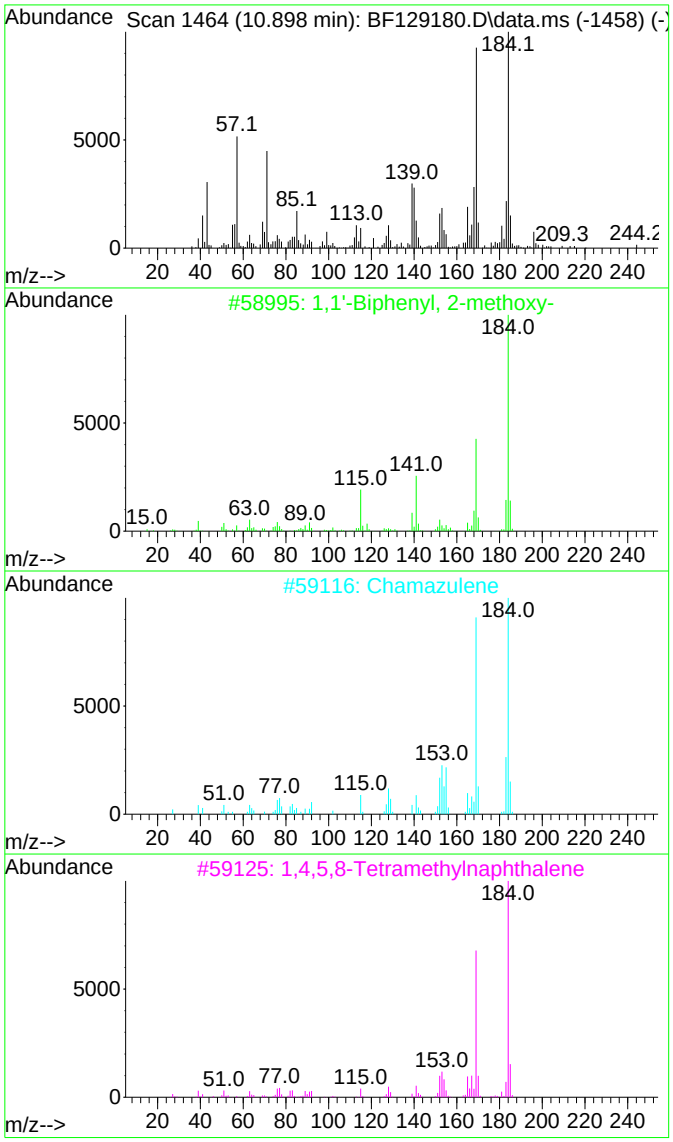
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

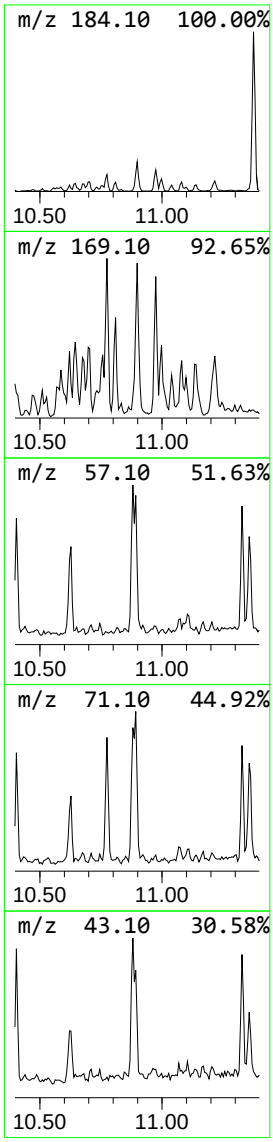
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2-methoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	3.35 ng	312583	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	68
2	Chamazulene	184	C14H16	000529-05-5	60
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
4	1,1'-Biphenyl, 4-methoxy-	184	C13H12O	000613-37-6	60
5	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
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Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

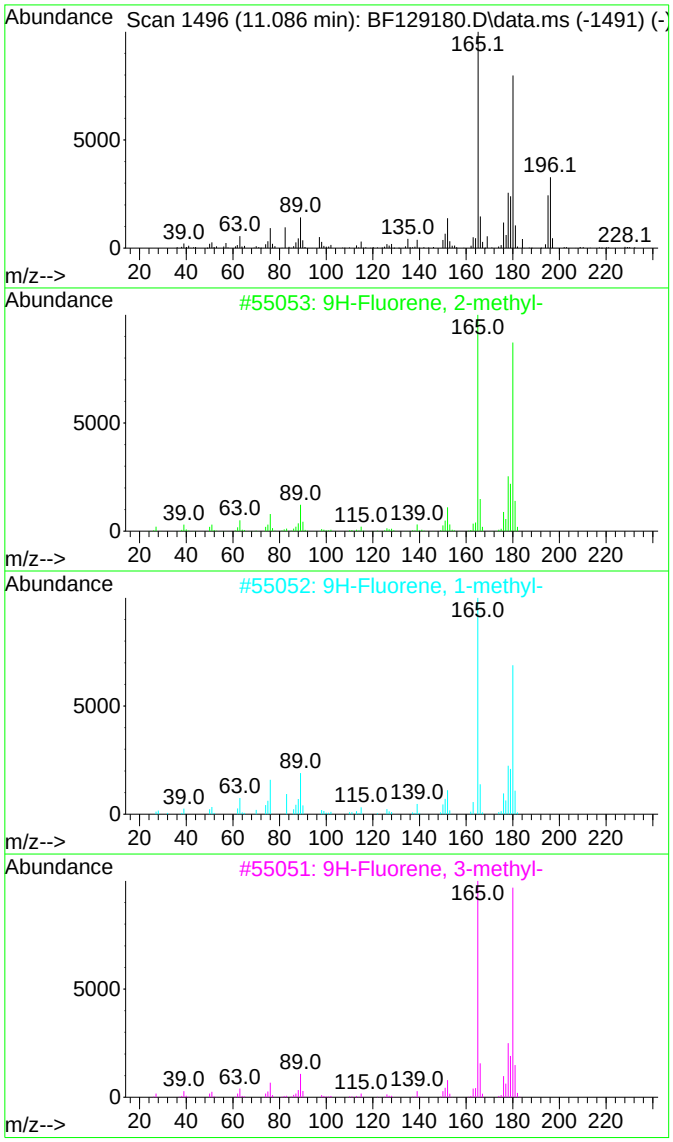
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

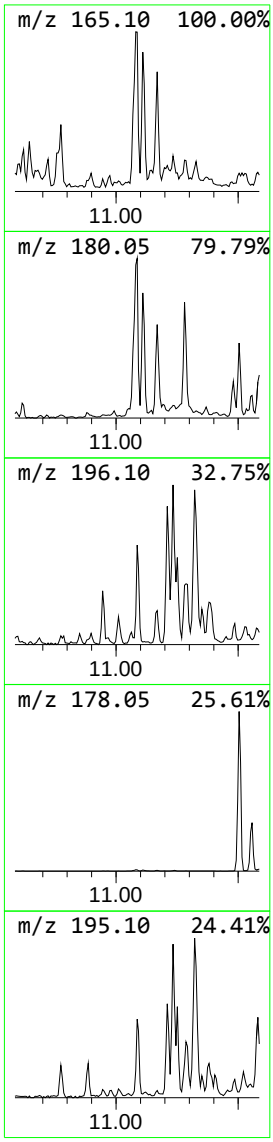
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	2.88 ng	268969	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	(E)-Stilbene	180	C14H12	000103-30-0	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

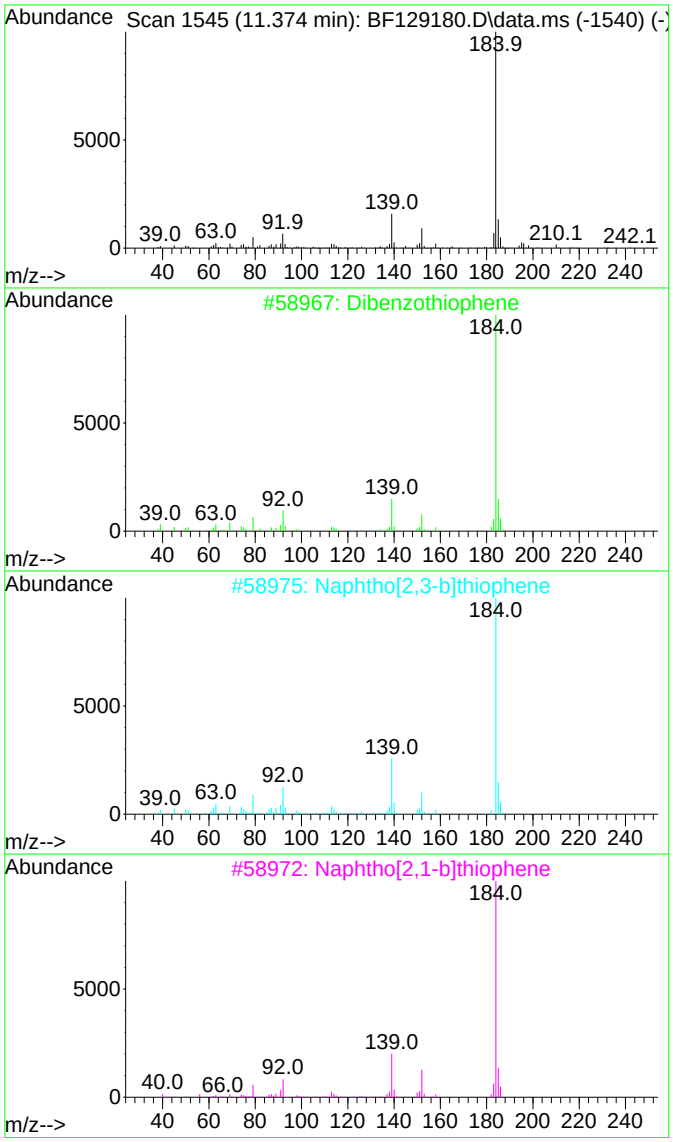
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

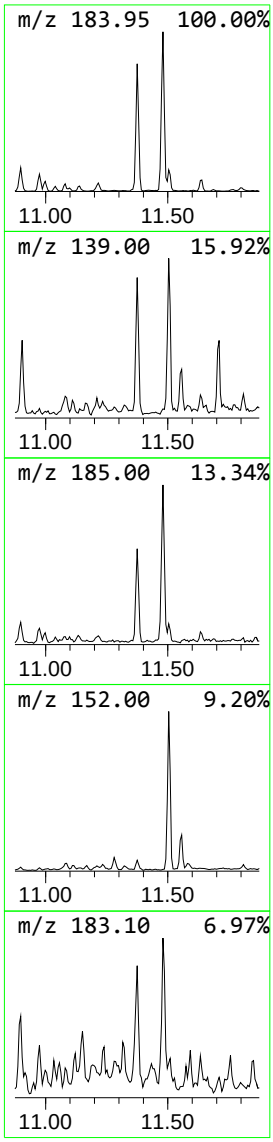
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.374	3.26 ng	304226	Phenanthrene-d10	11.480

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[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Operator : CG\JU
Sample : N3631-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

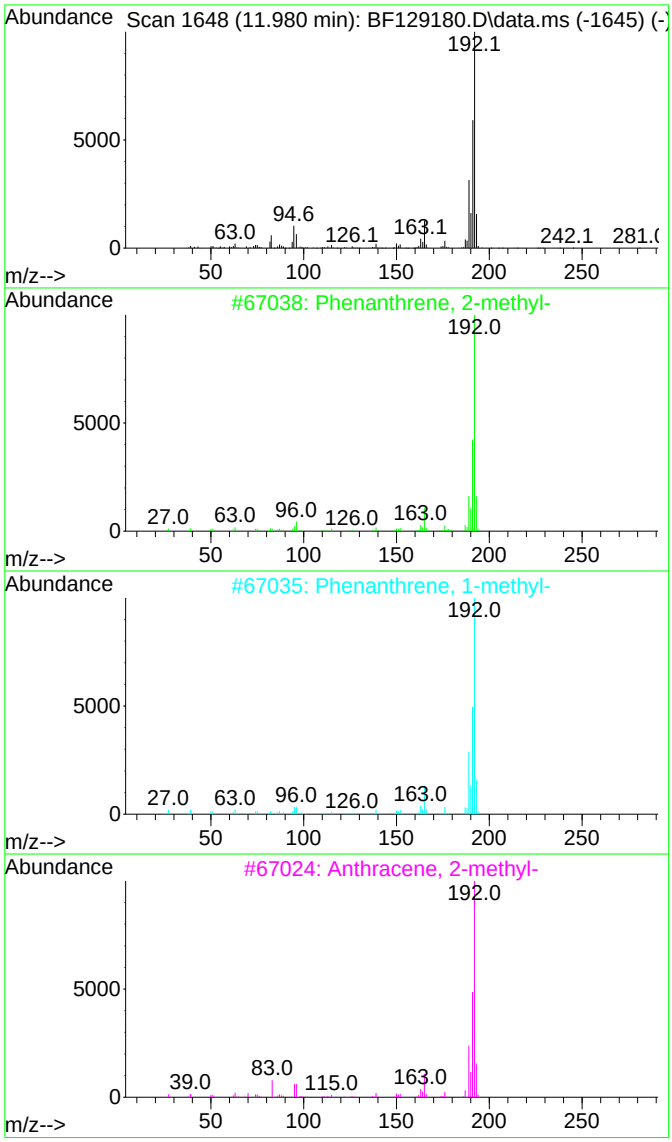
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

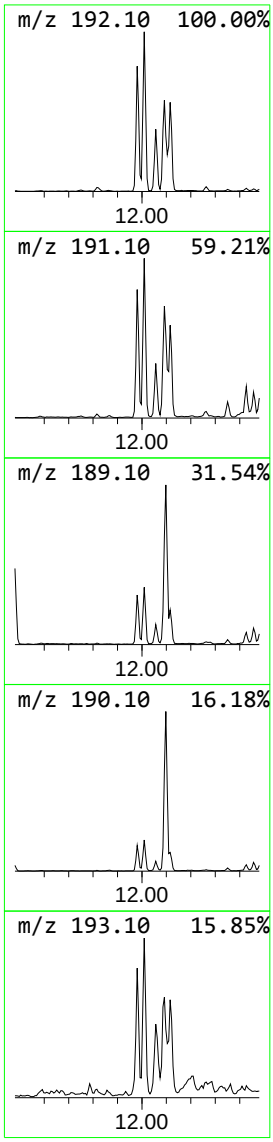
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	11.20 ng	1044990	Phenanthrene-d10	11.480

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	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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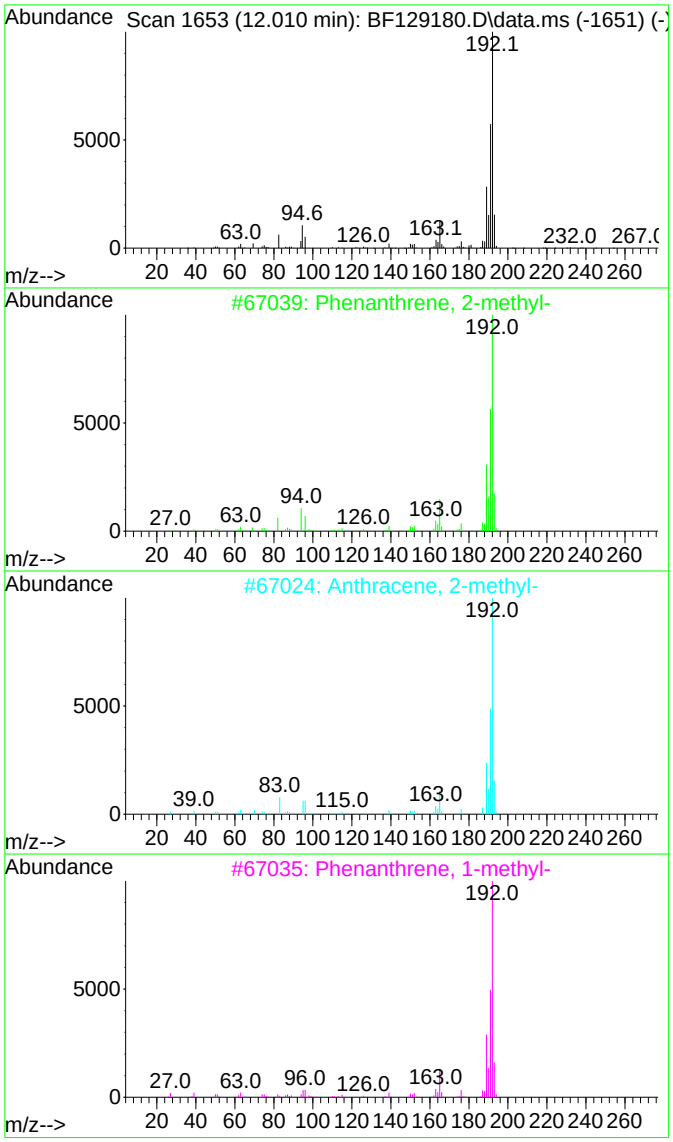
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

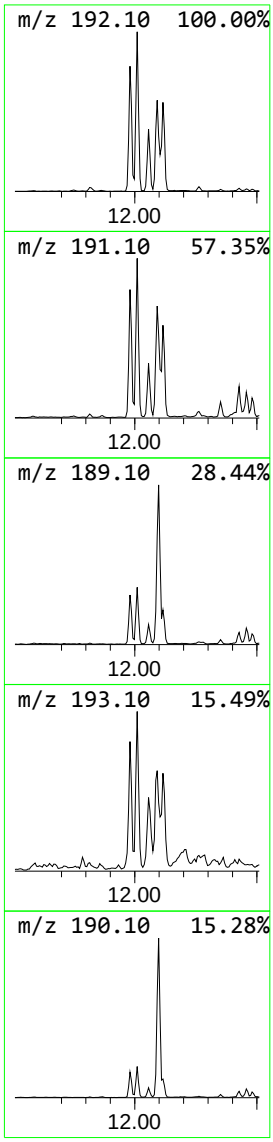
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	9.71 ng	906543	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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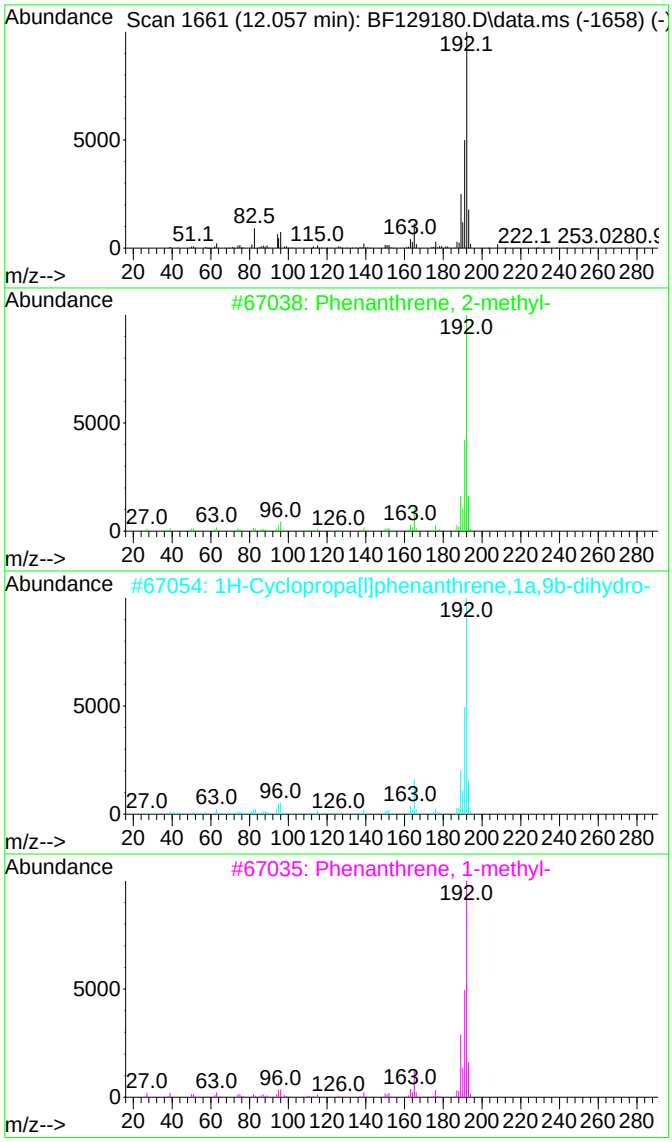
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

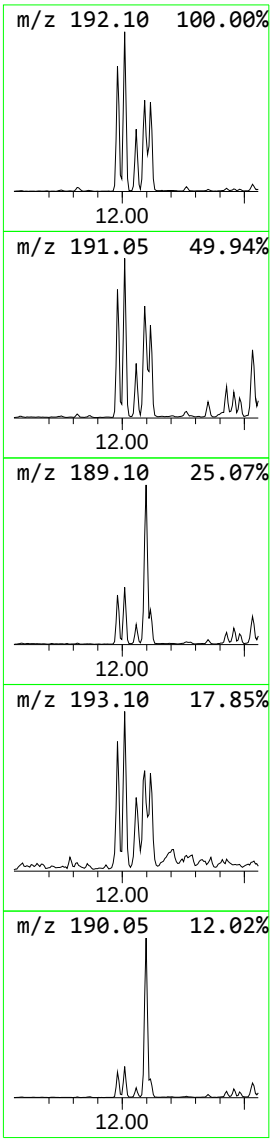
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	3.73 ng	347755	Phenanthrene-d10	11.480

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





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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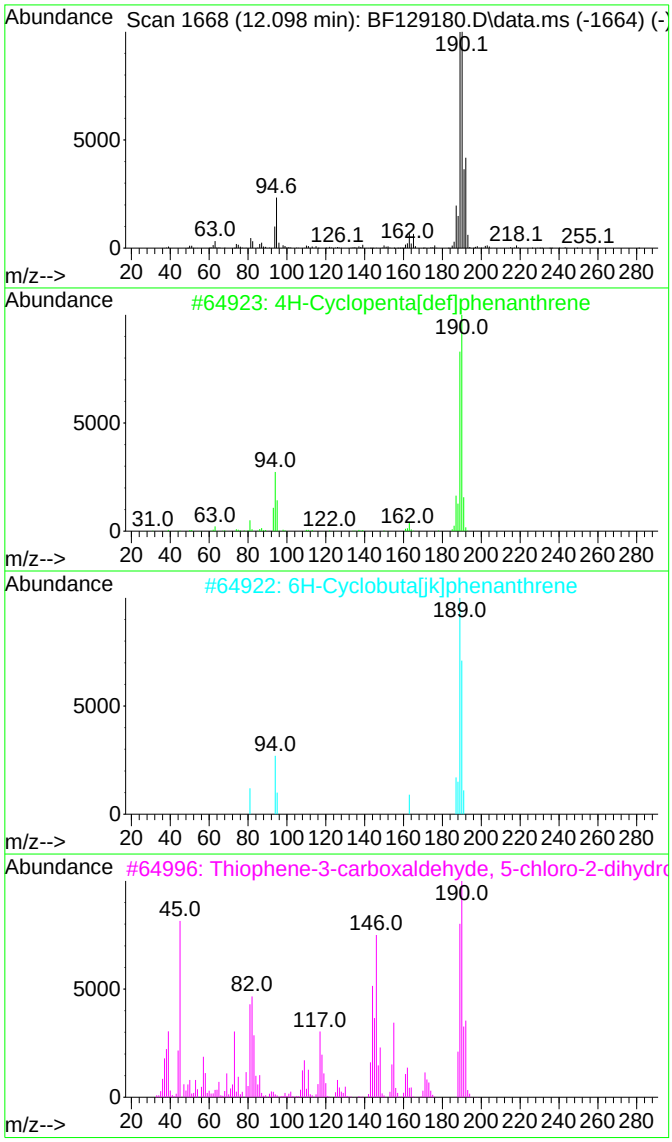
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

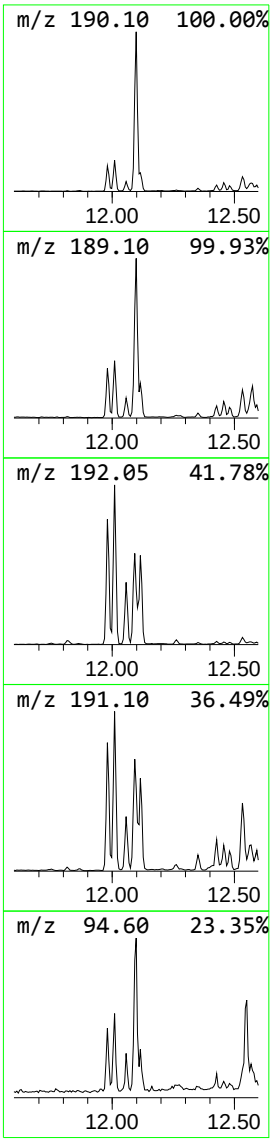
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	15.47 ng	1443820	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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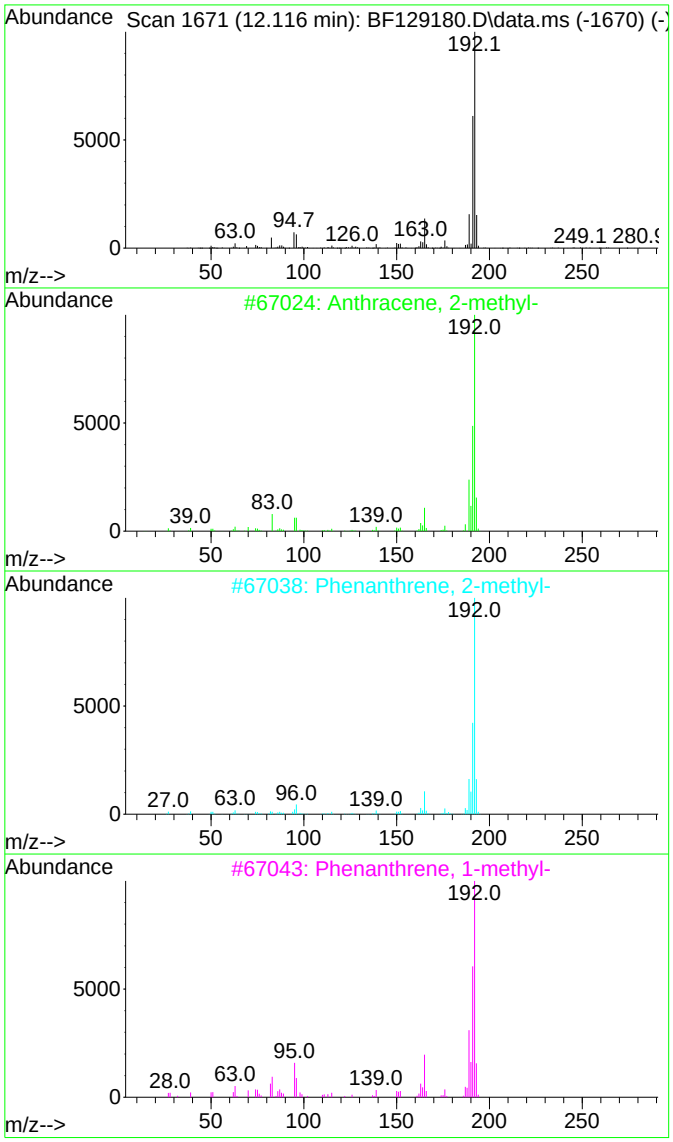
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

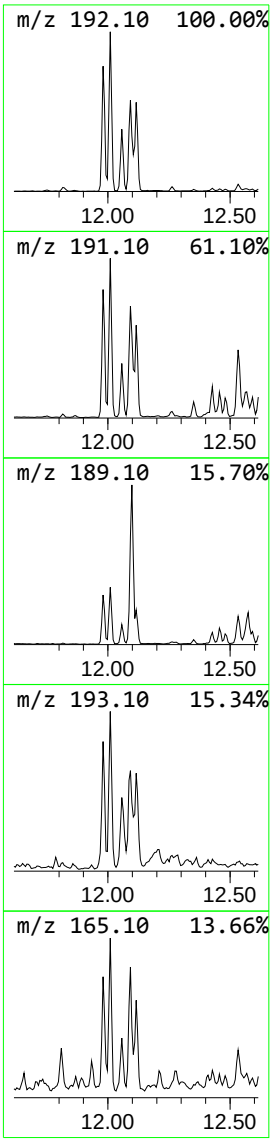
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	4.32 ng	403112	Phenanthrene-d10	11.480

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	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : N3631-01
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

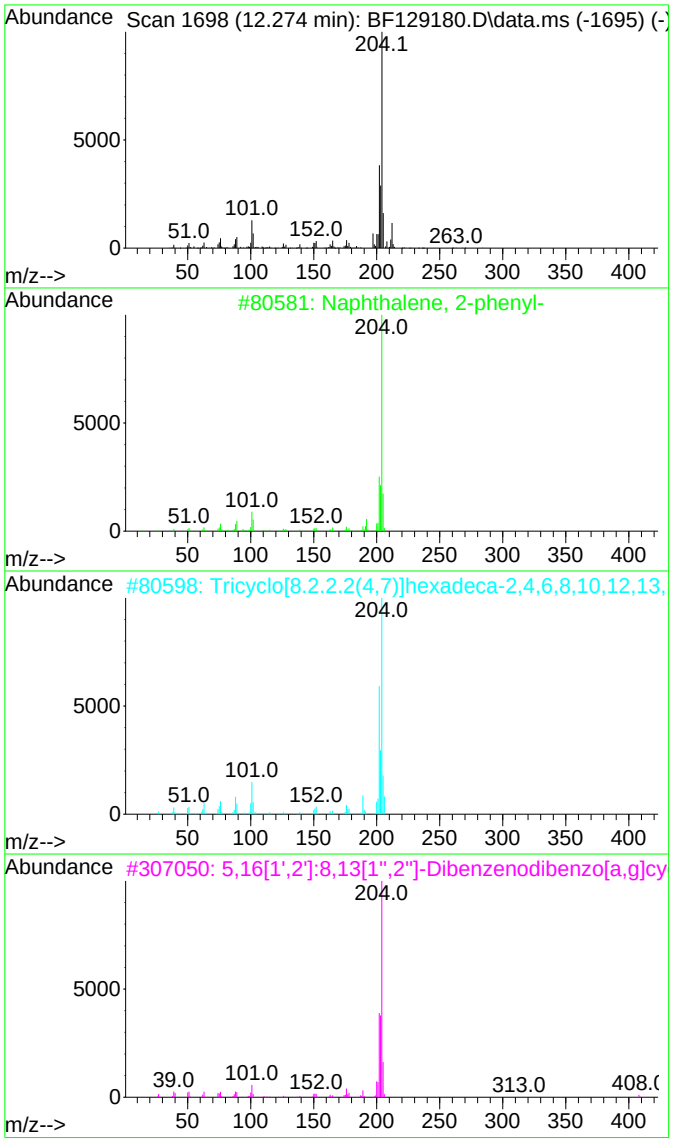
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

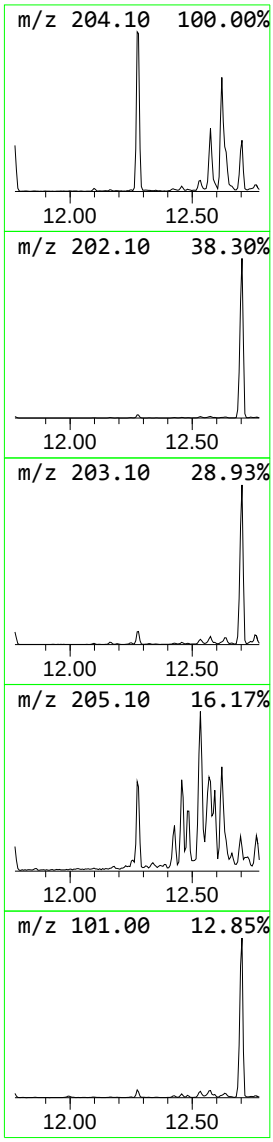
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.274	4.52 ng	422043	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	46
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	45





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Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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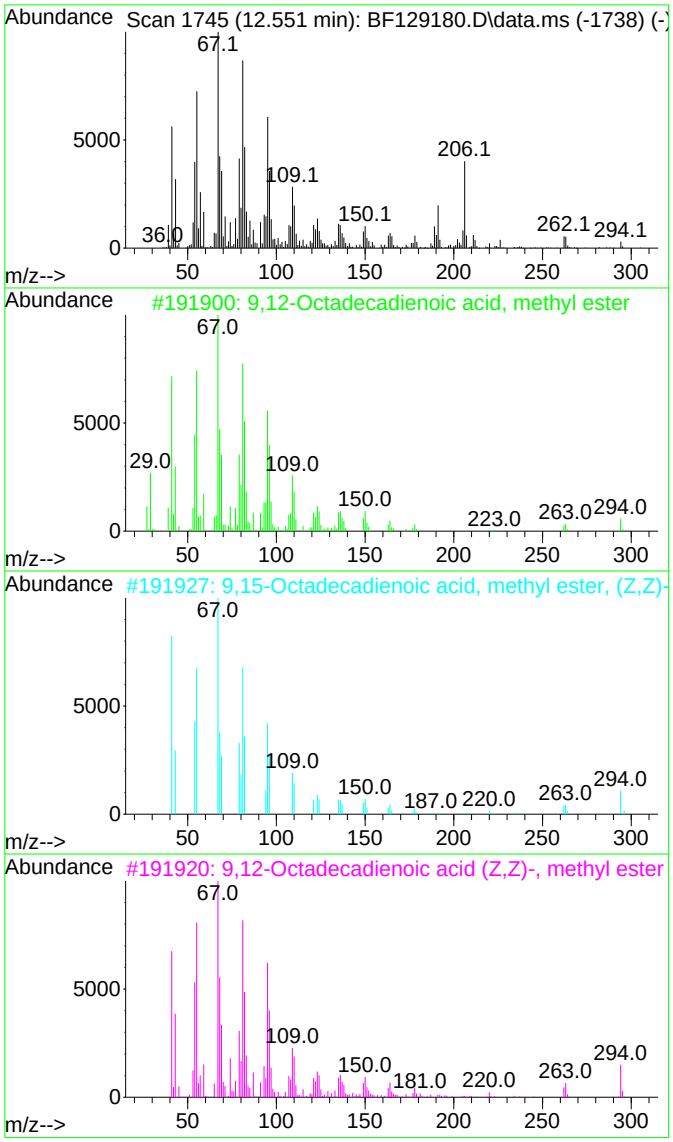
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

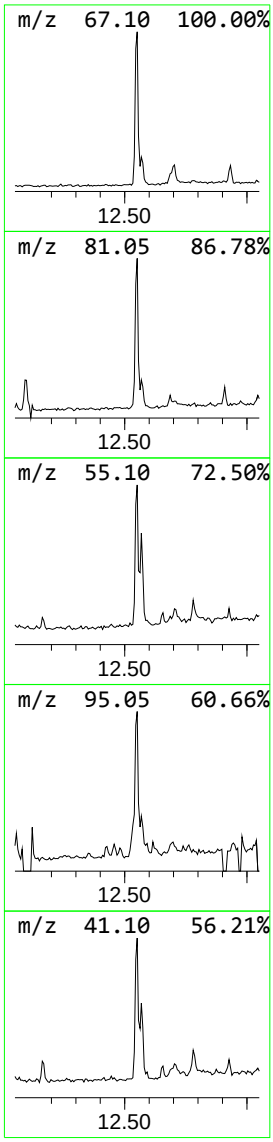
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	15.42 ng	1439160	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97





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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\NIST20.L
TIC Integration Parameters: LSCINT.P

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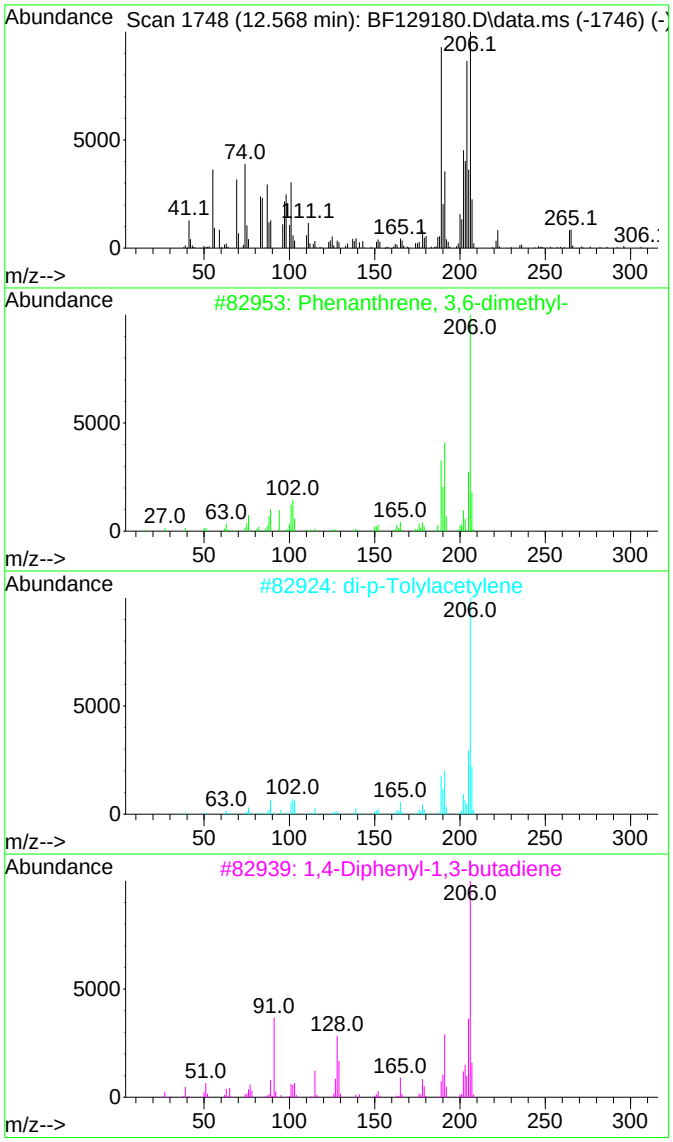
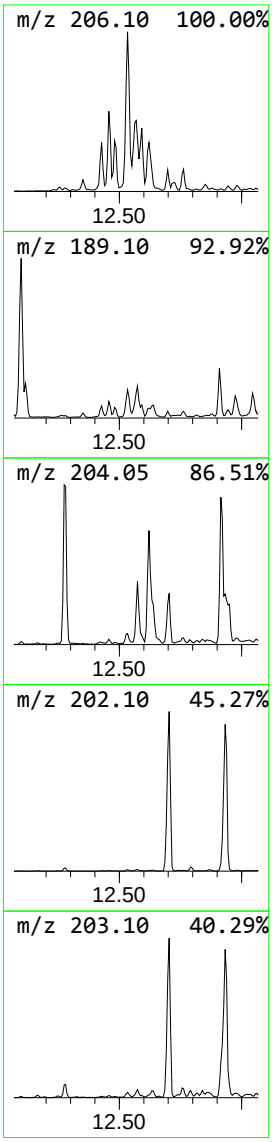
Peak Number 13 unknown12.569 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	8.06 ng	752723	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
3	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	25
5	1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	25





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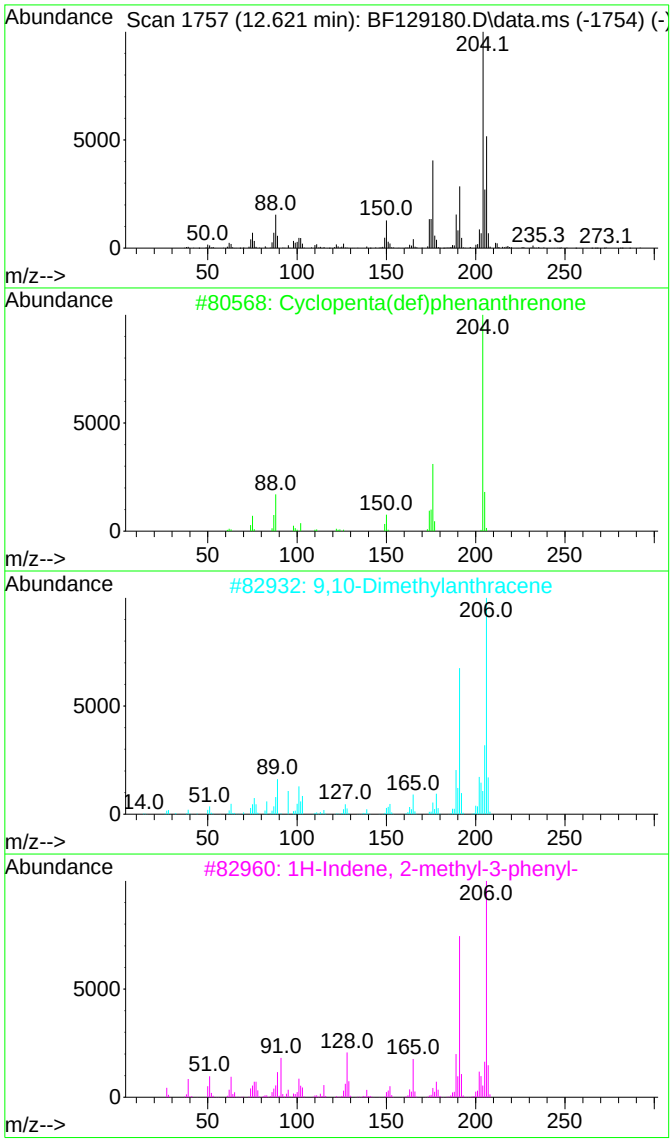
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

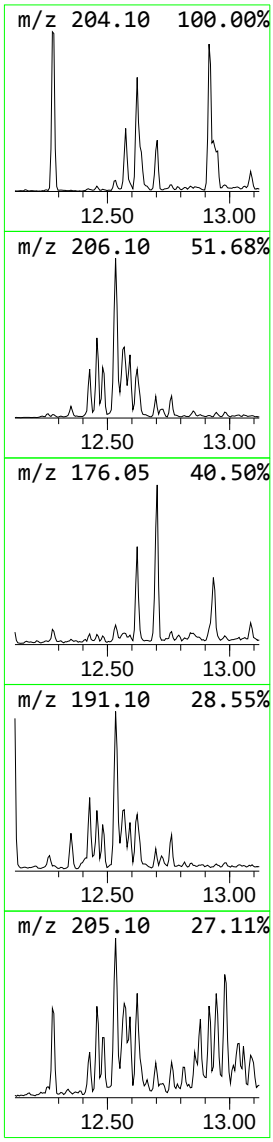
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	5.74 ng	535303	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	30





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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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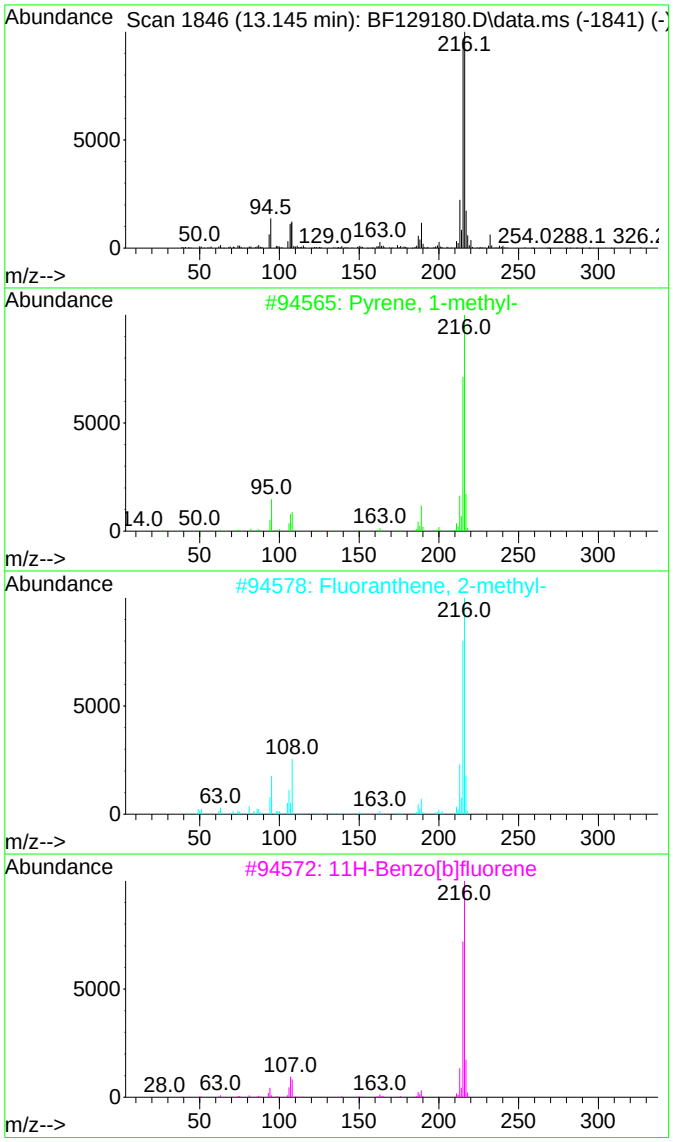
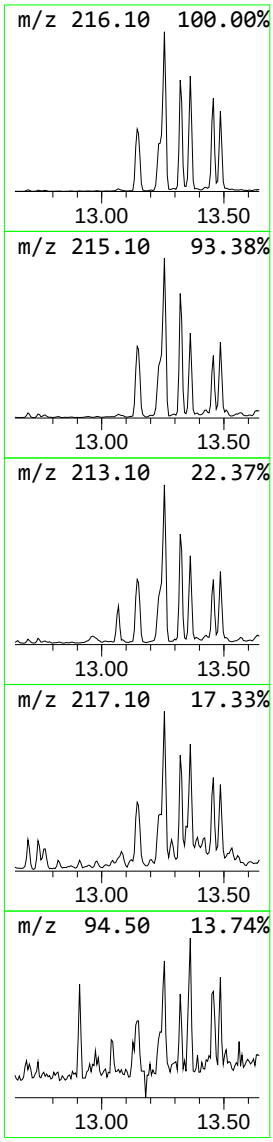
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	3.41 ng	952697	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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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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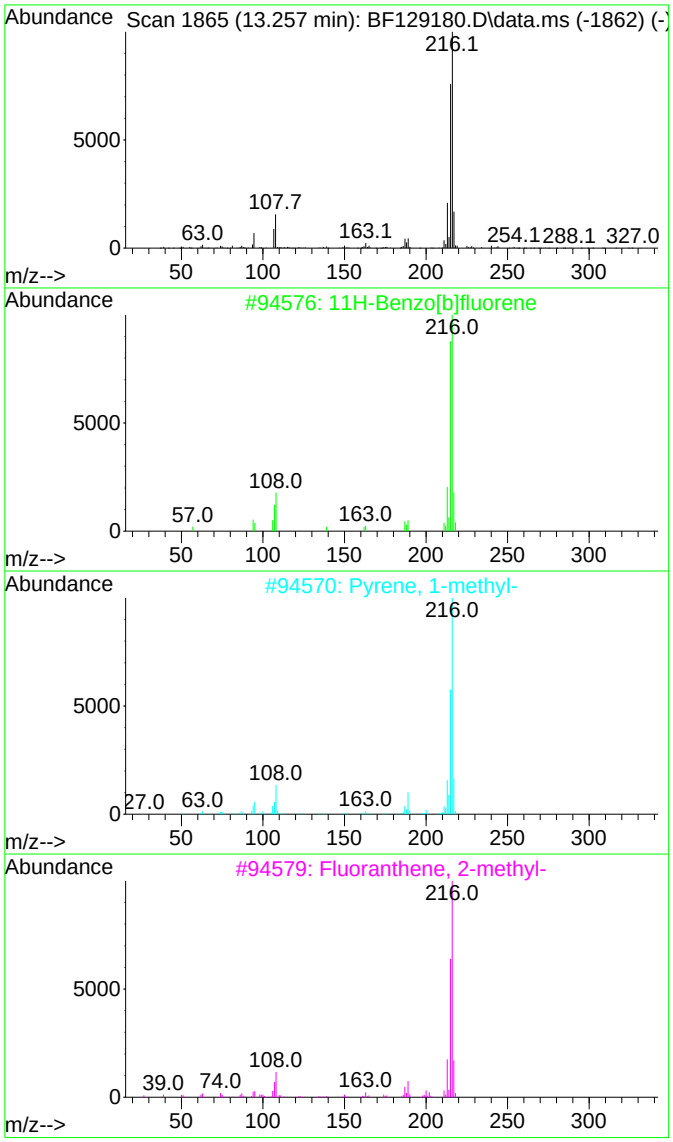
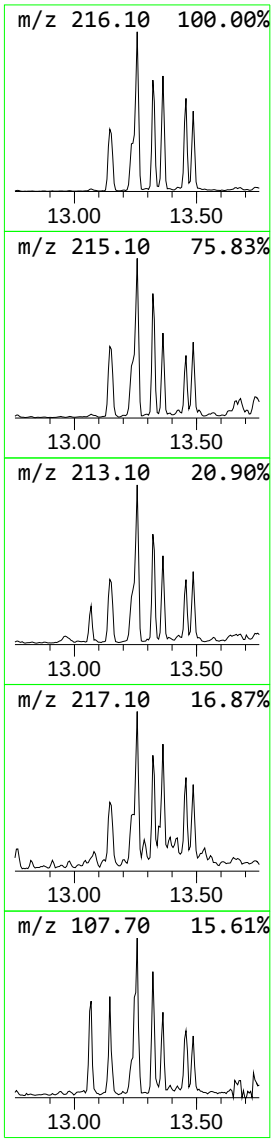
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	4.08 ng	1141120	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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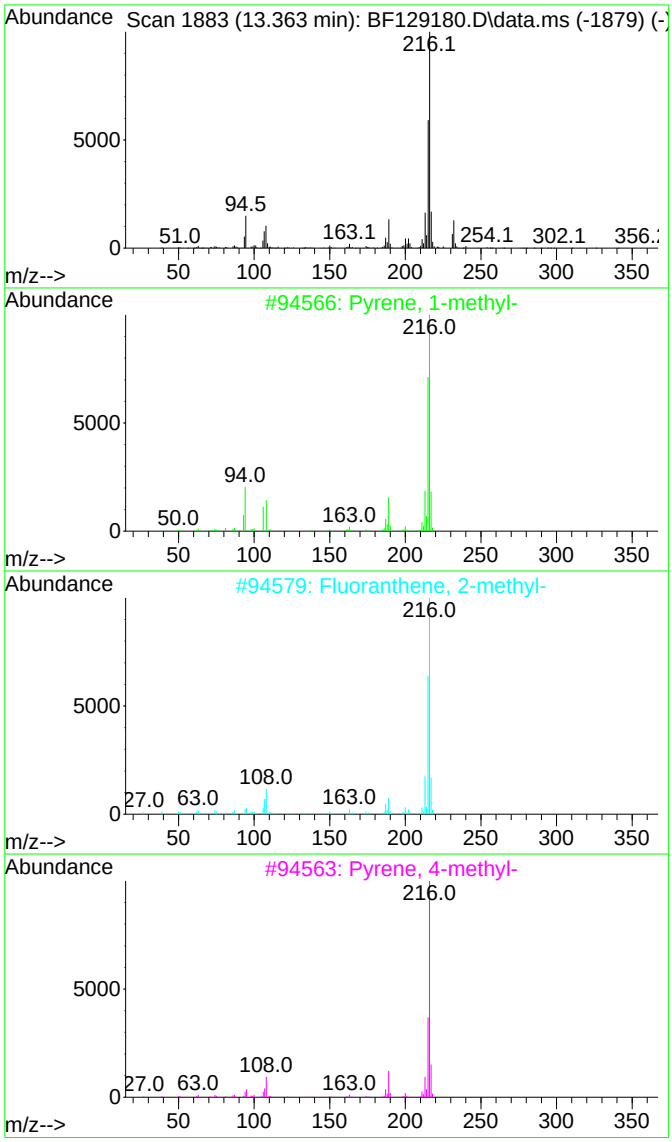
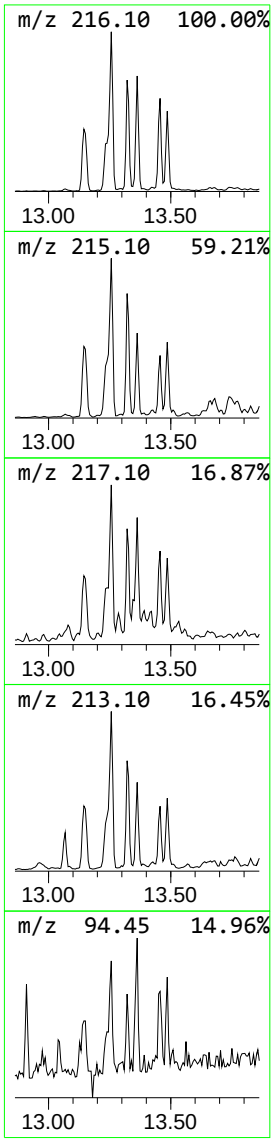
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	3.22 ng	899853	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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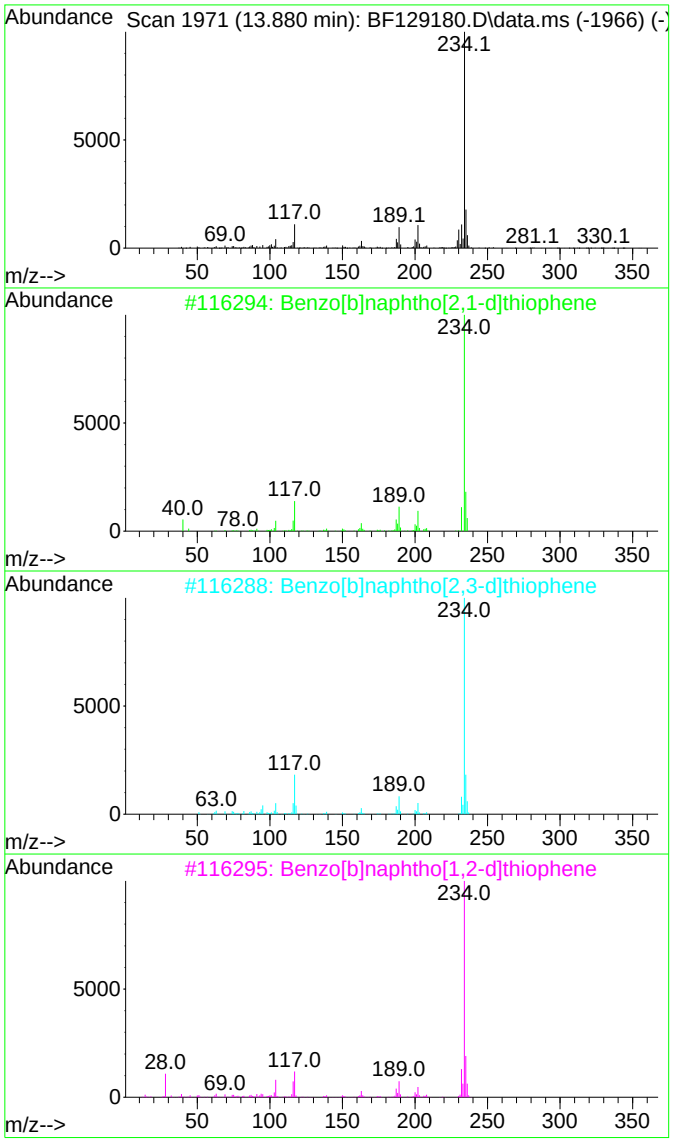
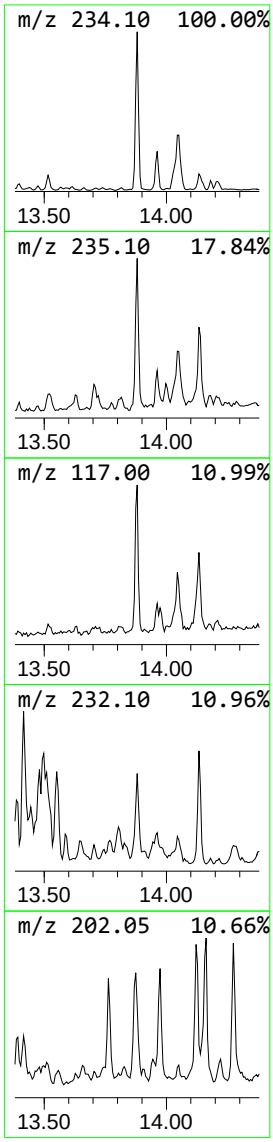
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	2.82 ng	790084	Chrysene-d12	14.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	72
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	72





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Data File : BF129180.D
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Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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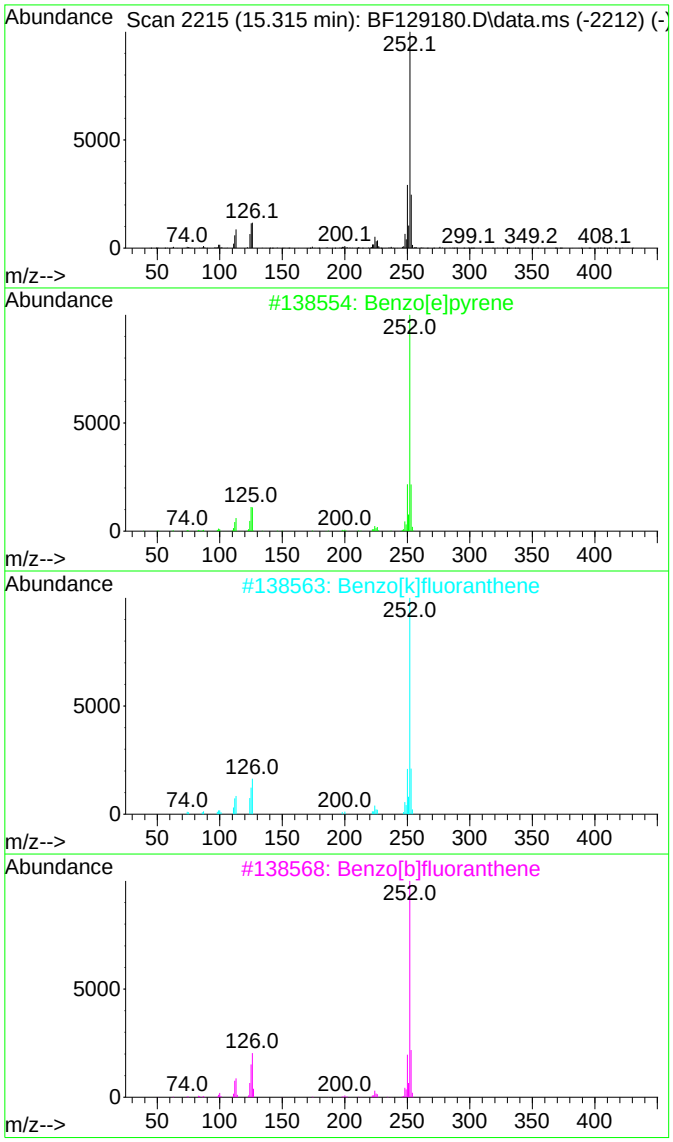
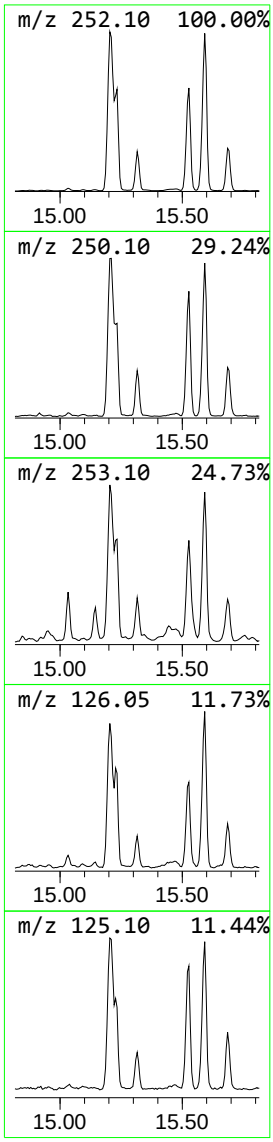
Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.315	6.20 ng	446993	Perylene-d12	15.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	83





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Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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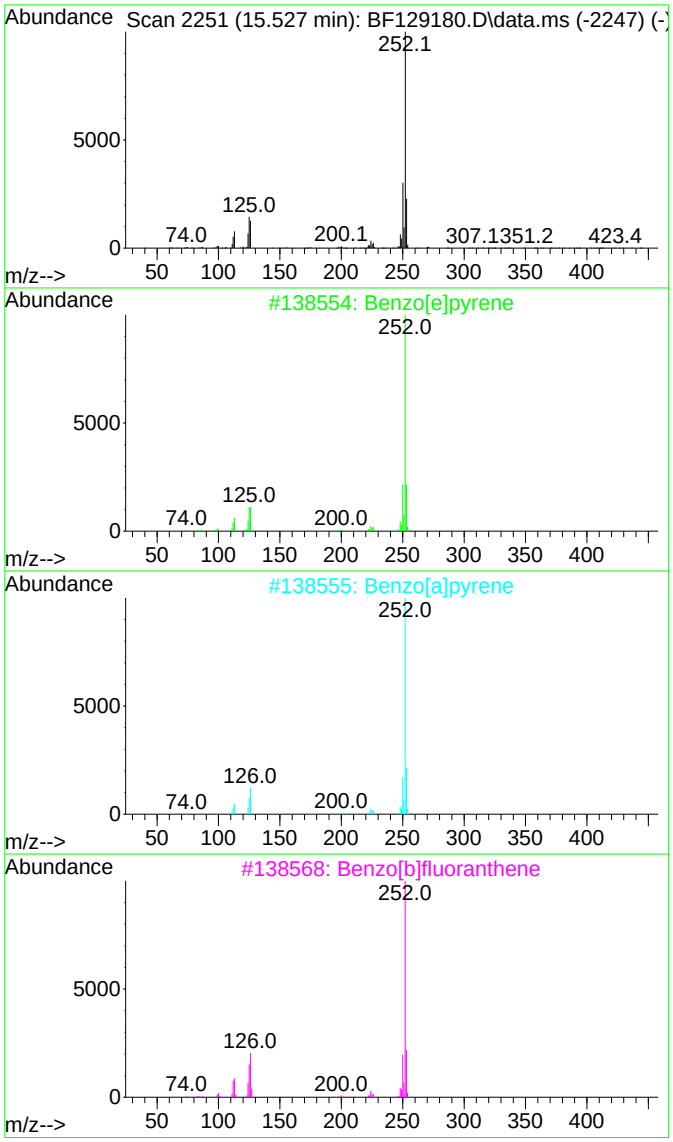
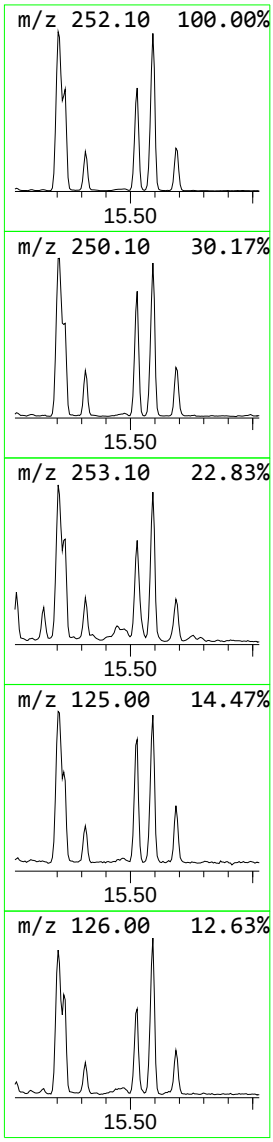
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	22.97 ng	1655300	Perylene-d12	15.656

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129180.D
Acq On : 08 Jul 2022 17:43
Operator : CG\JU
Sample : N3631-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-070722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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, 1,...	9.639	3.0	ng	302110	3	9.986	2009130	20.0
Naphthalene, 1,...	10.186	3.2	ng	323895	3	9.986	2009130	20.0
1,1'-Biphenyl, ...	10.898	3.4	ng	312583	4	11.480	1866750	20.0
9H-Fluorene, 2-...	11.086	2.9	ng	268969	4	11.480	1866750	20.0
Dibenzothiophene	11.374	3.3	ng	304226	4	11.480	1866750	20.0
Phenanthrene, 2...	11.980	11.2	ng	1044990	4	11.480	1866750	20.0
Anthracene, 2-m...	12.010	9.7	ng	906543	4	11.480	1866750	20.0
1H-Cyclopropa[l...	12.057	3.7	ng	347755	4	11.480	1866750	20.0
4H-Cyclopenta[d...	12.098	15.5	ng	1443820	4	11.480	1866750	20.0
Phenanthrene, 1...	12.116	4.3	ng	403112	4	11.480	1866750	20.0
Naphthalene, 2-...	12.274	4.5	ng	422043	4	11.480	1866750	20.0
9,12-Octadecadi...	12.551	15.4	ng	1439160	4	11.480	1866750	20.0
unknown12.569	12.569	8.1	ng	752723	4	11.480	1866750	20.0
Cyclopenta(def)...	12.621	5.7	ng	535303	4	11.480	1866750	20.0
Pyrene, 1-methyl-	13.145	3.4	ng	952697	5	14.133	5594180	20.0
11H-Benzo[b]flu...	13.257	4.1	ng	1141120	5	14.133	5594180	20.0
Fluoranthene, 2...	13.363	3.2	ng	899853	5	14.133	5594180	20.0
Benzo[b]naphtho...	13.880	2.8	ng	790084	5	14.133	5594180	20.0
Benzo[e]pyrene	15.315	6.2	ng	446993	6	15.656	1441220	20.0
Perylene	15.527	23.0	ng	1655300	6	15.656	1441220	20.0