LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF128978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.916	444	447	454	rVB	13045	15055	1.46%	0.133%
2	5.357	519	522	541	rBV	958143	1031694	100.00%	9.126%
3	6.381	693	696	707	rBV	960491	1001603	97.08%	8.860%
4	6.557	722	726	731	rBV3	18138	17717	1.72%	0.157%
5	6.728	751	755	760	rVB	614492	534985	51.86%	4.732%
6	6.993	795	800	805	rBV3	8185	12118	1.17%	0.107%
7	7.293	847	851	854	rBV	542837	427234	41.41%	3.779%
8	8.010	969	973	976	rBV	548835	419621	40.67%	3.712%
9	8.663	1078	1084	1091	rBV5	9640	14033	1.36%	0.124%
10	8.822	1108	1111	1115	rVB	14660	11883	1.15%	0.105%
11	9.087	1152	1156	1159	rBV	1036145	753336	73.02%	6.664%
12	9.357	1197	1202	1204	rBV3	8427	12688	1.23%	0.112%
13	9.422	1210	1213	1216	rBV	18922	17603	1.71%	0.156%
14	9.492	1222	1225	1230	rVB2	18406	18234	1.77%	0.161%
15	9.628	1243	1248	1253	rBV	68541	64815	6.28%	0.573%
16	9.763	1268	1271	1274	rVB	541219	419664	40.68%	3.712%
17	9.798	1274	1277	1280	rVB	31161	27701	2.69%	0.245%
18	9.928	1293	1299	1302	rBV8	6097	11807	1.14%	0.104%
19	9.969	1302	1306	1309	rVV	29343	29224	2.83%	0.259%
20	10.010	1309	1313	1316	rVB2	12510	13334	1.29%	0.118%
21	10.081	1321	1325	1328	rBV3	18073	23811	2.31%	0.211%
22	10.169	1336	1340	1342	rBV3	10497	13613	1.32%	0.120%
23	10.222	1346	1349	1351	rBV	12834	11635	1.13%	0.103%
24	10.310	1361	1364	1370	rVB2	38807	44664	4.33%	0.395%
25	10.375	1370	1375	1377	rBV4	10832	15093	1.46%	0.134%
26	10.469	1388	1391	1394	rBV2	12027	12667	1.23%	0.112%
27	10.557	1402	1406	1417	rVB	449807	402751	39.04%	3.563%
28	10.675	1422	1426	1432	rVB5	30960	45682	4.43%	0.404%
29	10.751	1434	1439	1442	rBV4	10463	14270	1.38%	0.126%
30	10.857	1453	1457	1460	rBV4	15613	22303	2.16%	0.197%
31	10.945	1469	1472	1474	rBV4	11046	10751	1.04%	0.095%
32	10.986	1474	1479	1481	rVV6	10798	17546	1.70%	0.155%
33	11.010	1481	1483	1488	rVV4	17835	21475	2.08%	0.190%
34	11.063	1488	1492	1495	rVV	51575	54802	5.31%	0.485%
35	11.116	1496	1501	1503	rVV3	18429	29835	2.89%	0.264%
36	11.145	1503	1506	1510	rVB	53170	50269	4.87%	0.445%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	11.251	1520	1524	1526	rBV	535564	440787	42.72%	3.899%
38	11.275	1526	1528	1532	rVV	493731	370268	35.89%	3.275%
39	11.328	1534	1537	1540	rVB	93473	76685	7.43%	0.678%
40	11.363	1540	1543	1546	rBV4	25135	27081	2.62%	0.240%
41	11.486	1557	1564	1569	rBV	65752	80091	7.76%	0.708%
42	11.545	1571	1574	1578	rVV	33701	34757	3.37%	0.307%
43	11.581	1578	1580	1584	rVV2	48050	50507	4.90%	0.447%
44	11.669	1588	1595	1599	rVB3	28782	51474	4.99%	0.455%
45	11.710	1599	1602	1605	rBV2	22692	27069	2.62%	0.239%
46	11.757	1606	1610	1612	rVV	90577	99228	9.62%	0.878%
47	11.781	1612	1614	1619	rVV	134553	119031	11.54%	1.053%
48	11.828	1619	1622	1625	rVV	41165	40884	3.96%	0.362%
49	11.863	1625	1628	1631	rVV	157038	169139	16.39%	1.496%
50	11.886	1631	1632	1638	rVB	80549	58808	5.70%	0.520%
51	11.951	1638	1643	1647	rBV5	28866	58777	5.70%	0.520%
52	11.986	1647	1649	1653	rVB2	31857	25700	2.49%	0.227%
53	12.045	1657	1659	1663	rVV	62988	78163	7.58%	0.691%
54	12.081	1663	1665	1669	rVB2	63127	58607	5.68%	0.518%
55	12.180	1679	1682	1683	rBV	28916	26518	2.57%	0.235%
56	12.228	1688	1690	1693	rVV	45135	41871	4.06%	0.370%
57	12.251	1693	1694	1698	rVB	28811	22842	2.21%	0.202%
58	12.304	1700	1703	1705	rBV	109714	100350	9.73%	0.888%
59	12.339	1705	1709	1711	rVV3	71743	88658	8.59%	0.784%
60	12.392	1715	1718	1722	rBV2	79830	100933	9.78%	0.893%
61	12.469	1727	1731	1734	rVV	547727	448311	43.45%	3.966%
62	12.563	1745	1747	1751	rBV3	30237	30126	2.92%	0.266%
63	12.616	1754	1756	1759	rVB	36437	36240	3.51%	0.321%
64	12.698	1764	1770	1775	rBV	520336	574180	55.65%	5.079%
65	12.751	1776	1779	1782	rVB2	37864	44228	4.29%	0.391%
66	12.839	1790	1794	1797	rBV	811875	709083	68.73%	6.273%
67	12.916	1804	1807	1814	rBV5	43770	76073	7.37%	0.673%
68	12.969	1814	1816	1818	rBV2	30669	25887	2.51%	0.229%
69	13.022	1819	1825	1828	rBV3	80451	148164	14.36%	1.311%
70	13.069	1830	1833	1835	rBV2	63546	58816	5.70%	0.520%
71	13.127	1840	1843	1847	rBV2	75450	88205	8.55%	0.780%
72	13.222	1857	1859	1862	rVB	70191	50280	4.87%	0.445%
73	13.251	1862	1864	1867	rBV	68593	63874	6.19%	0.565%
74	13.645	1929	1931	1934	rVB	66507	54326	5.27%	0.481%
75	13.898	1969	1974	1977	rBV2	449419	584044	56.61%	5.166%
76	13.922	1977	1978	1981	rVB	150450	104989	10.18%	0.929%

LSC Area Percent Report

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Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	15.339	2216	2219	2223	rVB	260552	313999	30.44%	2.778%

Sum of corrected areas: 11304569

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
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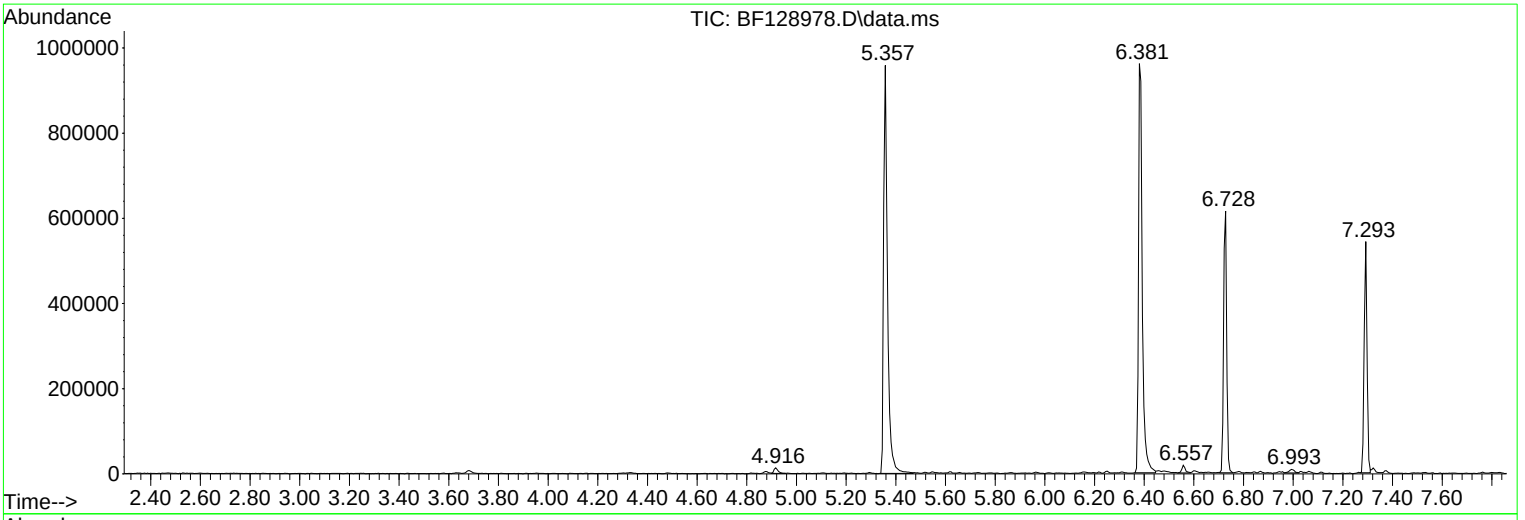
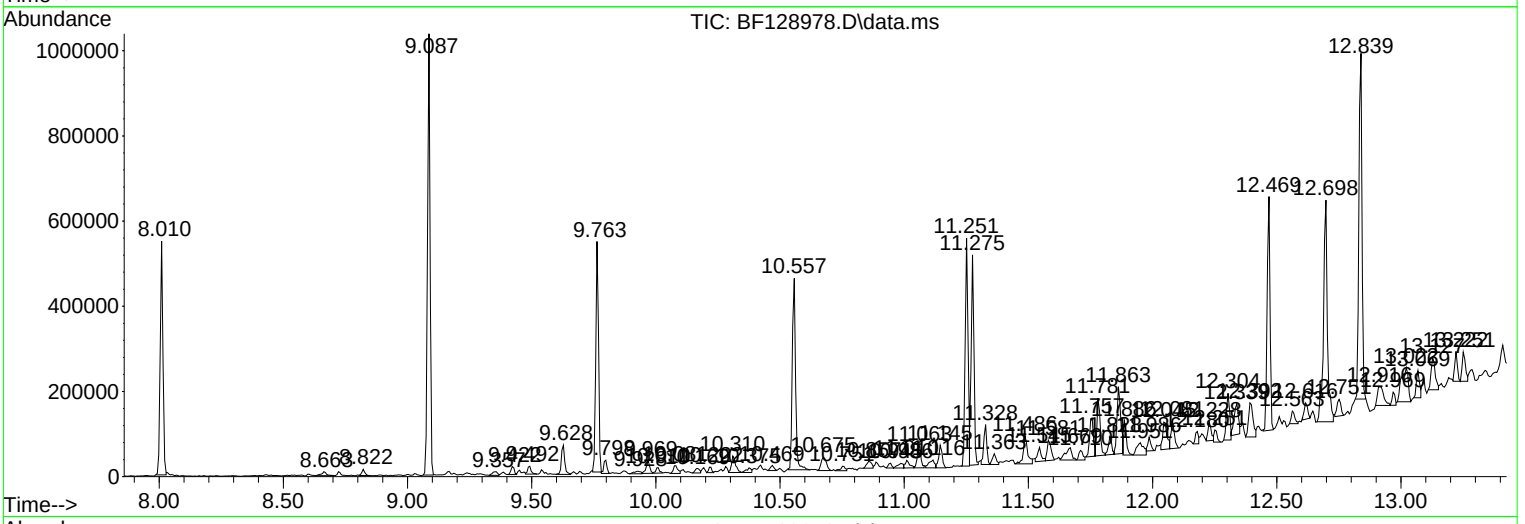
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

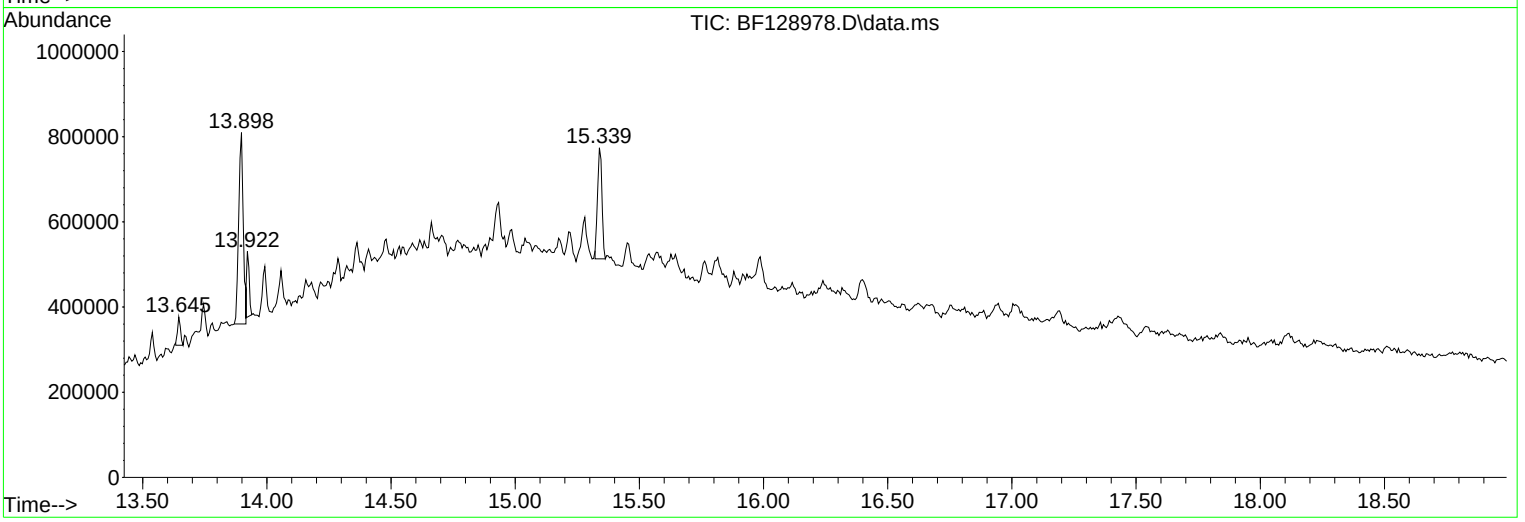
Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

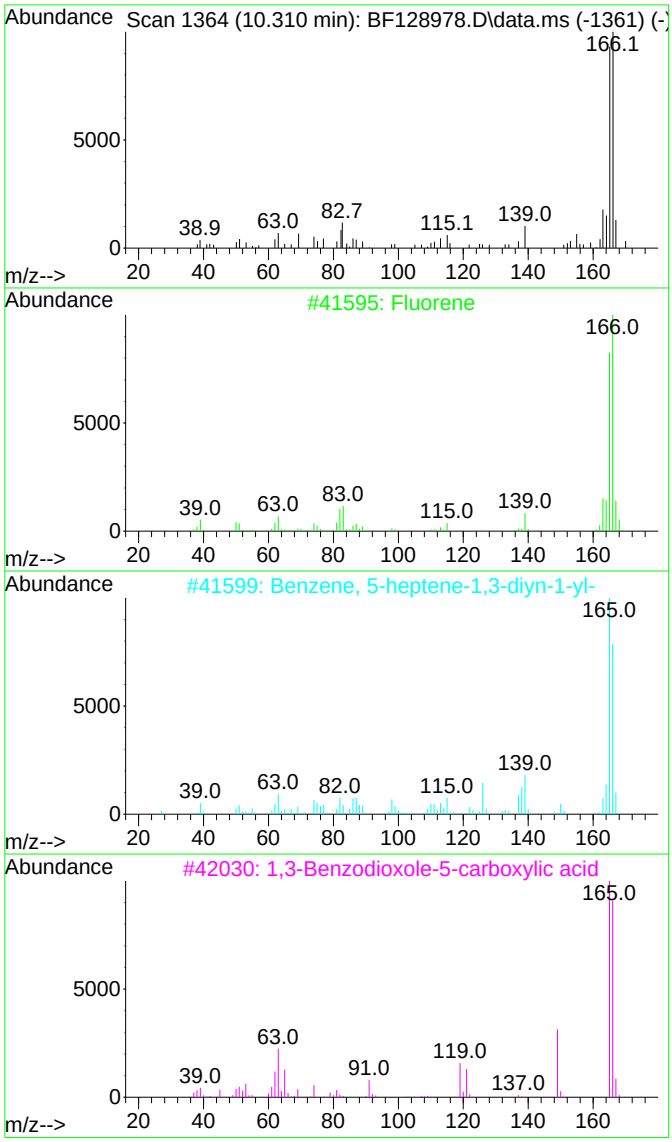
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

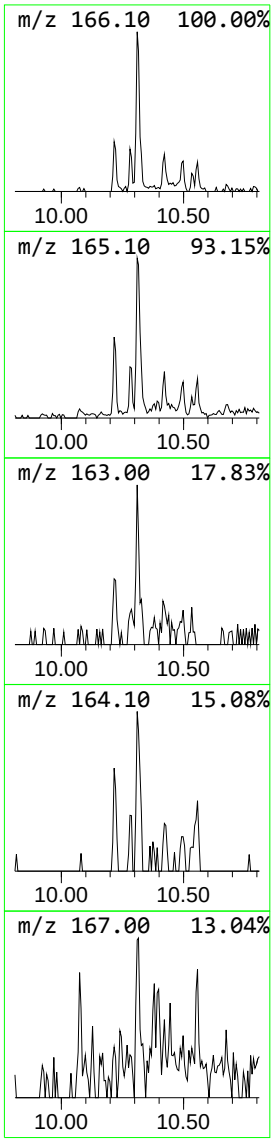
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 5-heptene-1,3-diyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	2.13 ng	44664	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	94
2	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	80
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	72
4	1H-Phenalene	166	C13H10	000203-80-5	43
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

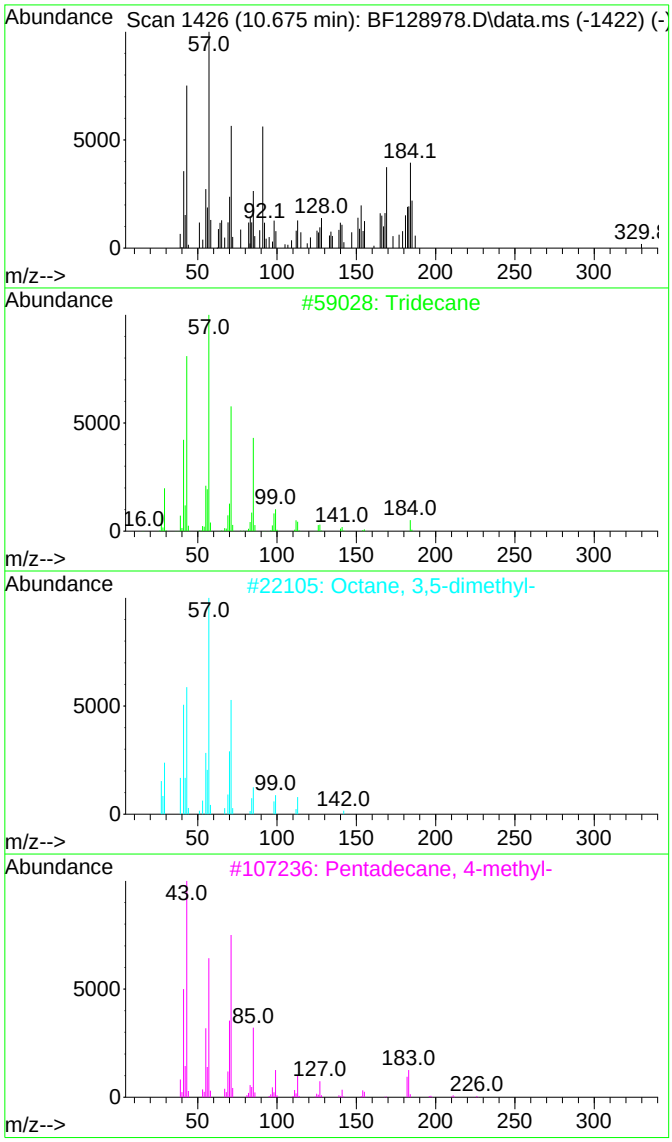
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

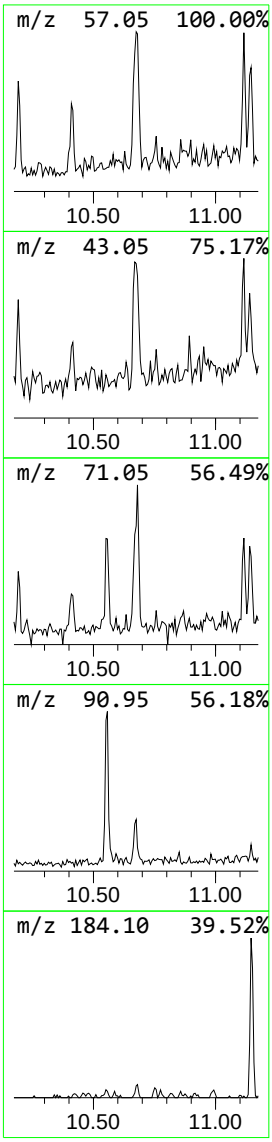
****

Peak Number 2 unknown10.675 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	2.07 ng	45682	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	38
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	25
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	18
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	11
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	11





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Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

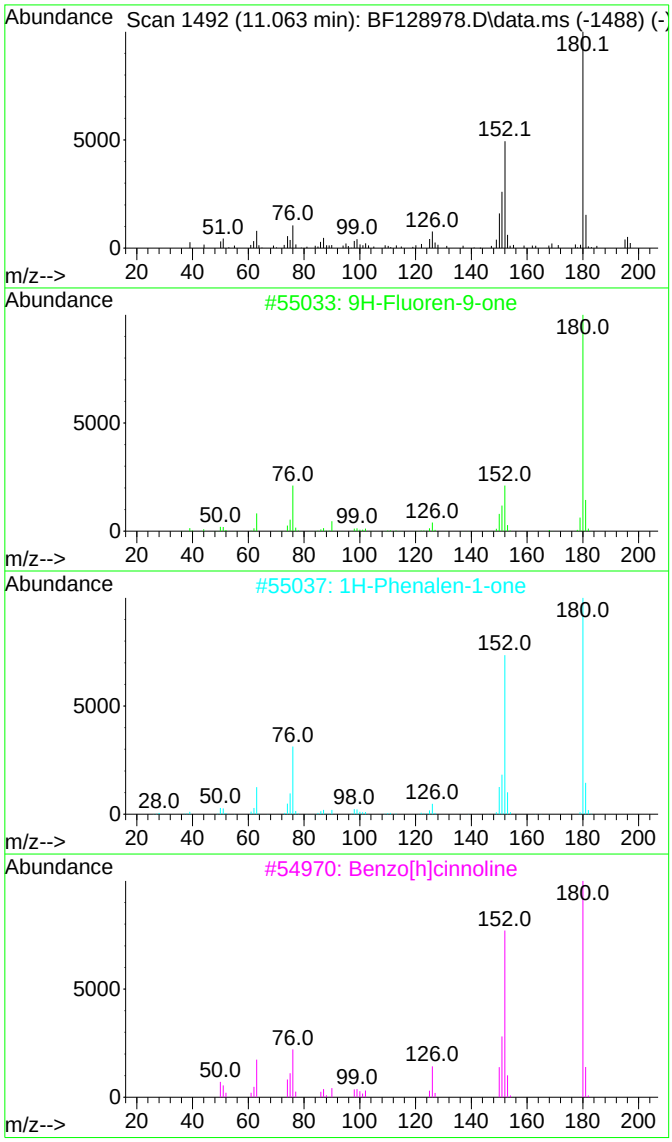
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

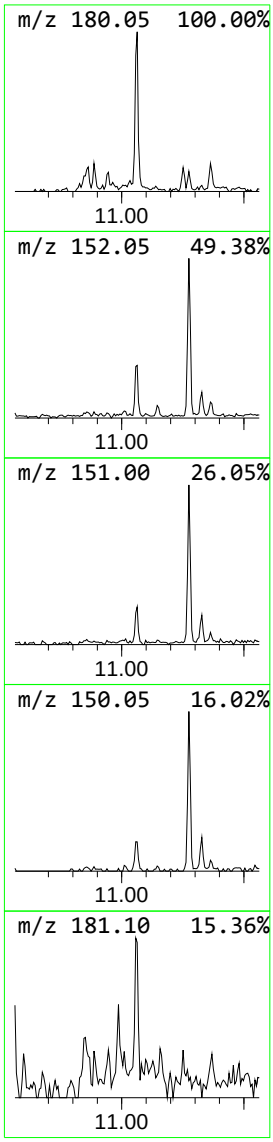
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	2.49 ng	54802	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	80
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	53
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





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

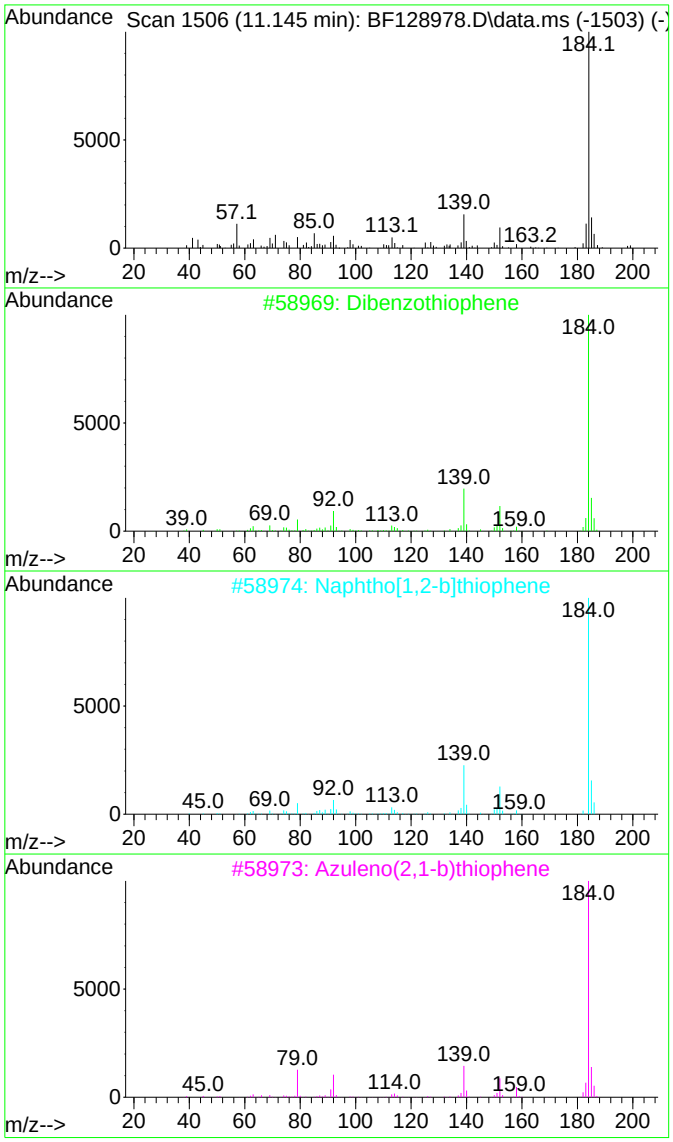
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

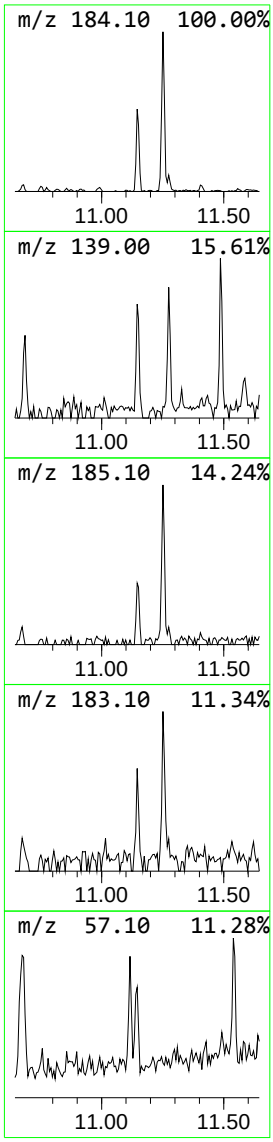
****

Peak Number 4 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	2.28 ng	50269	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

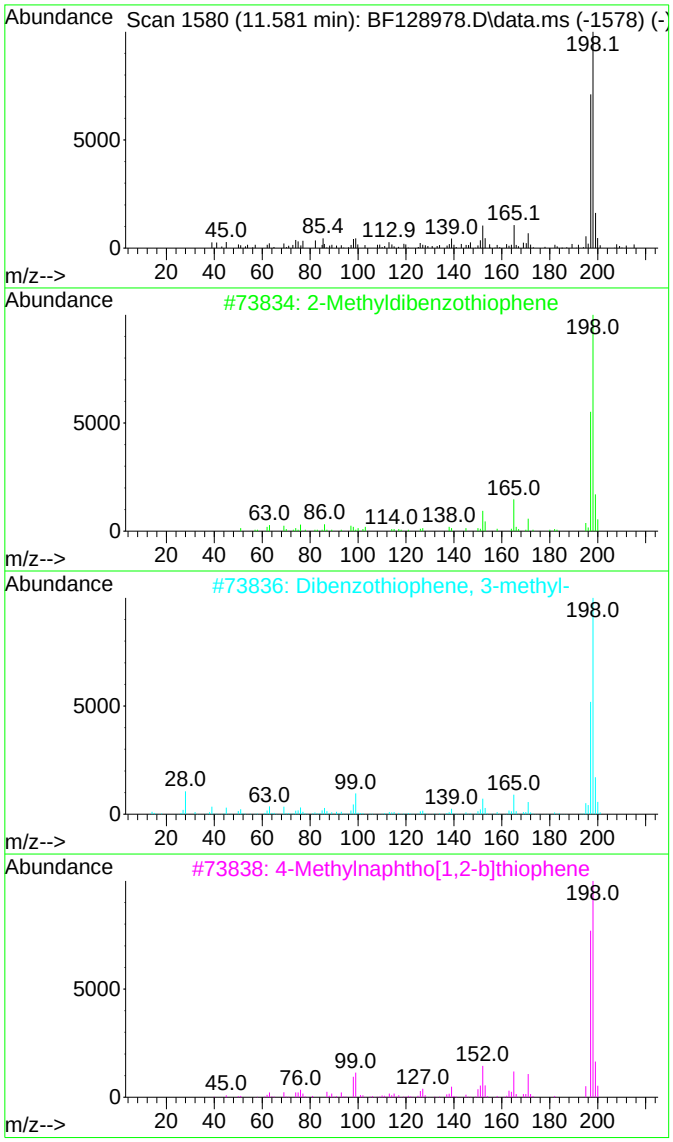
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

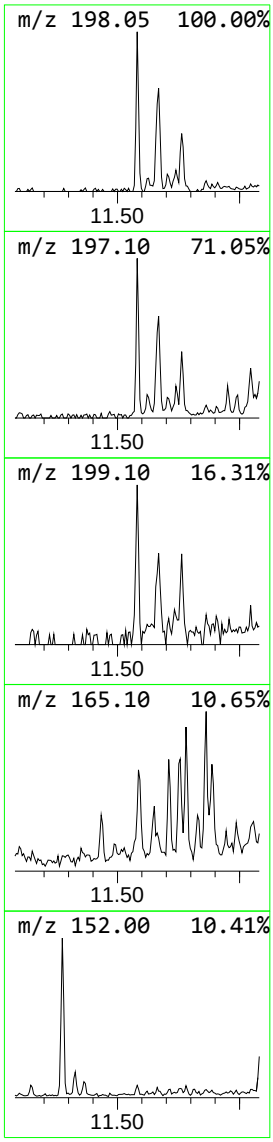
****

Peak Number 5 2-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.581	2.29 ng	50507	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	97
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

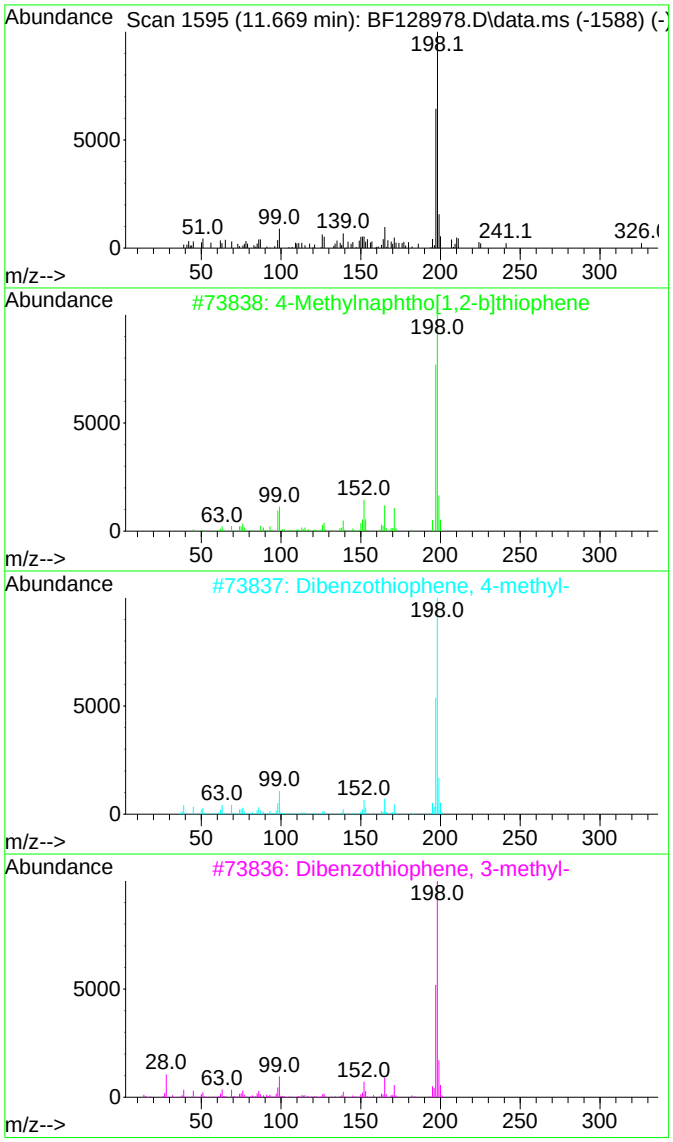
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

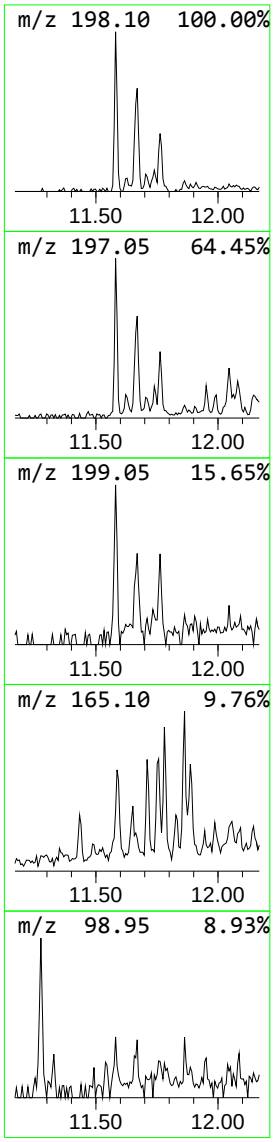
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	2.34 ng	51474	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83





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Operator : CG\JU
Sample : N3428-01
Misc :
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ClientSampleId :
CL-01-062122

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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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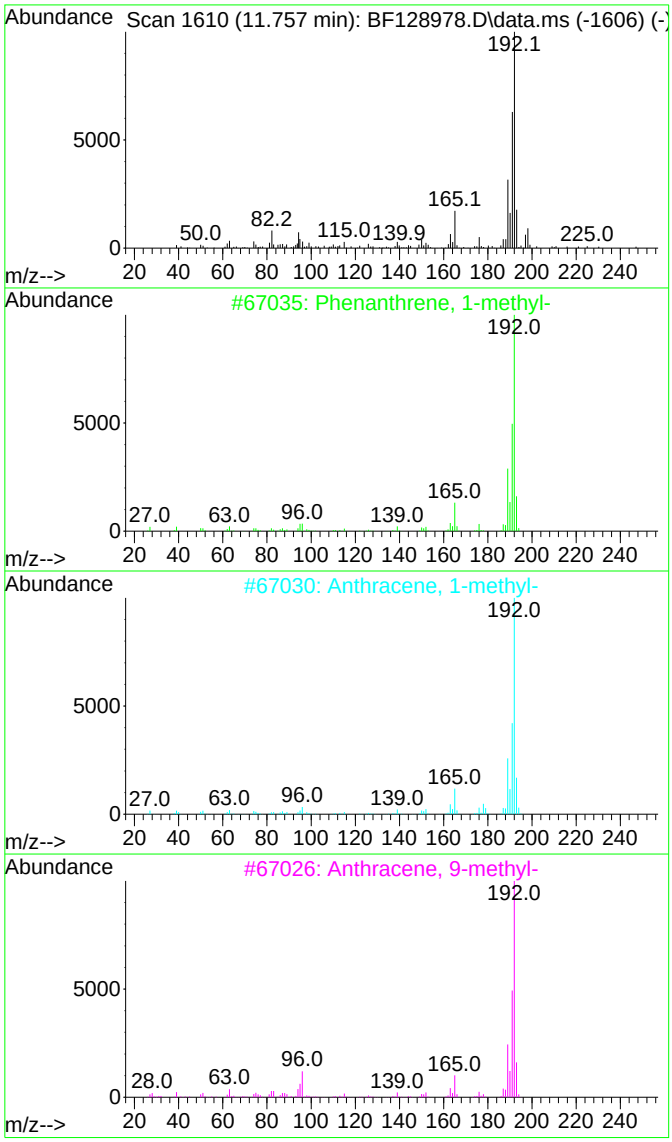
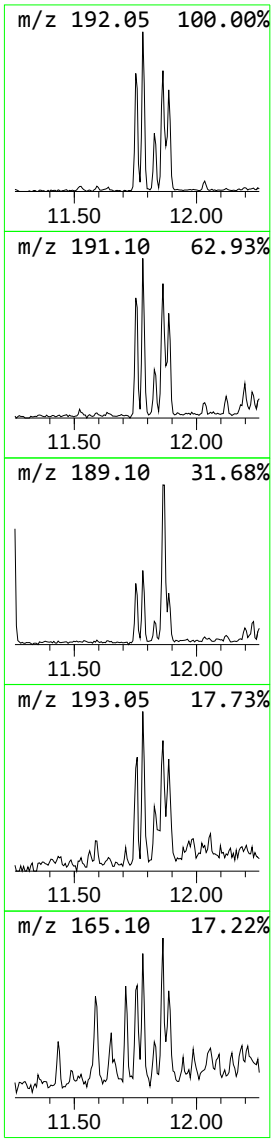
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	4.50 ng	99228	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81





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Misc :
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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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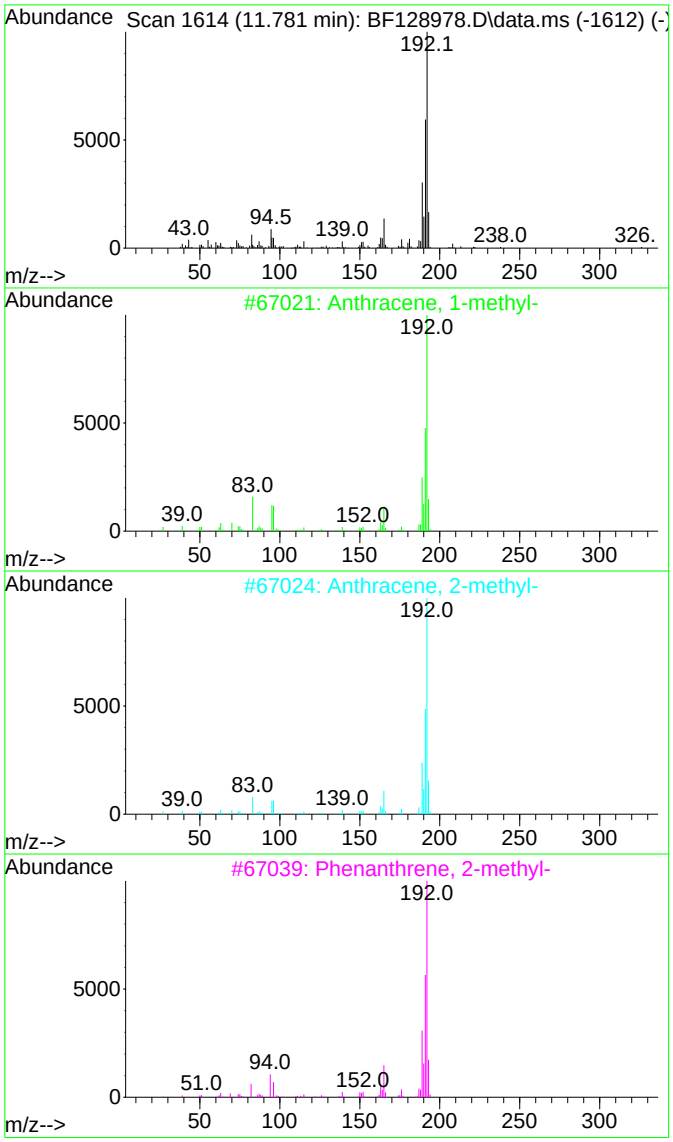
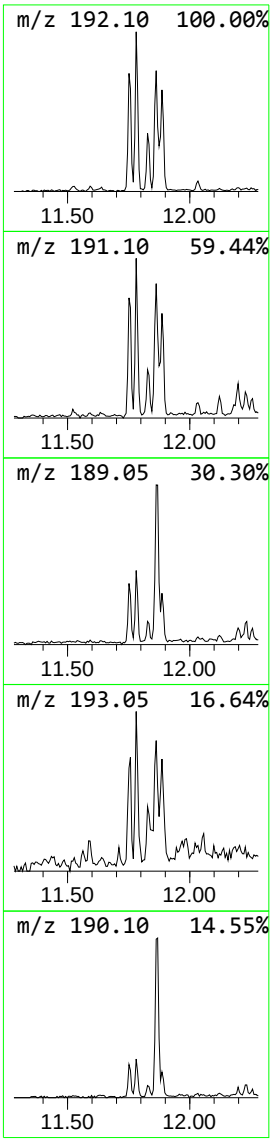
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.781	5.40 ng	119031	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ClientSampleId :
CL-01-062122

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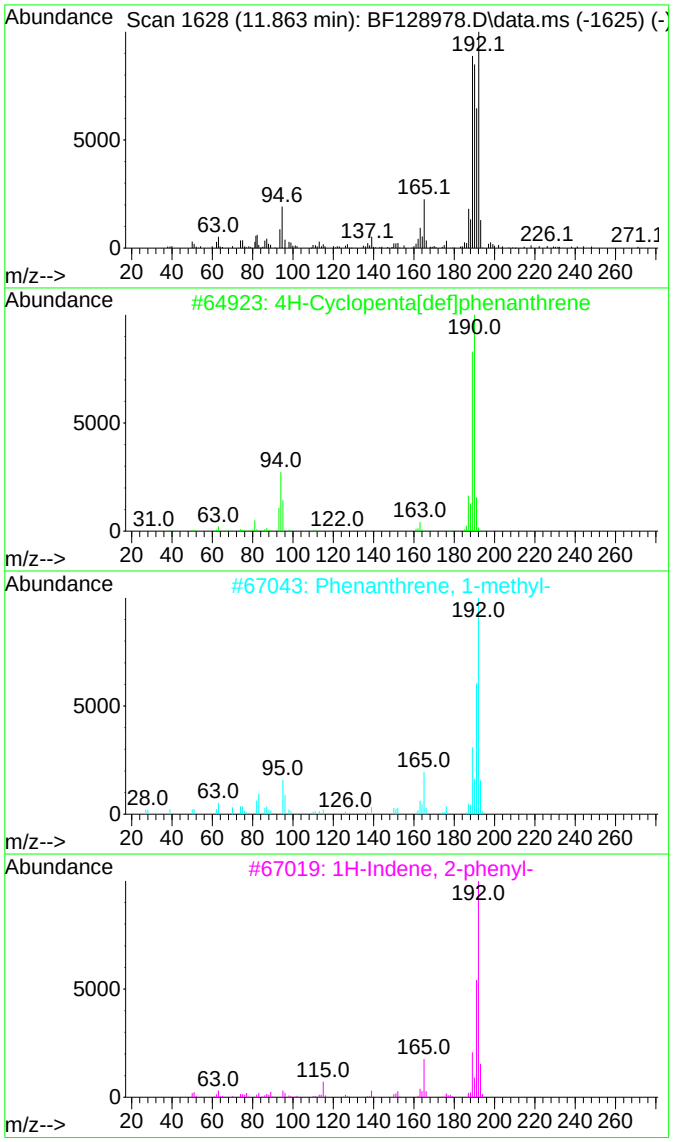
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

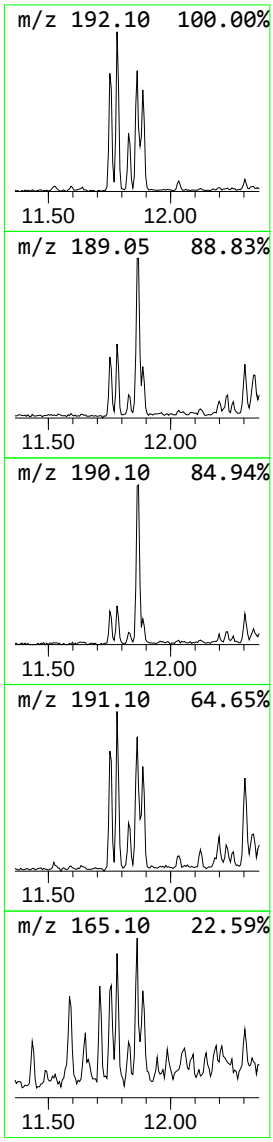
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.67 ng	169139	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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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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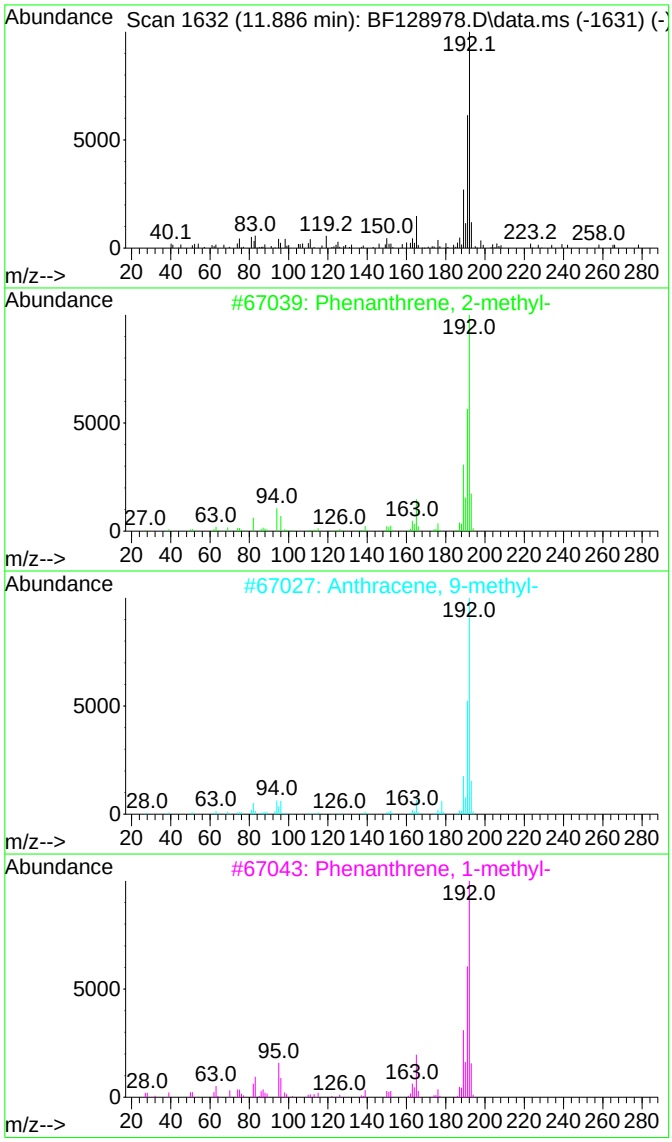
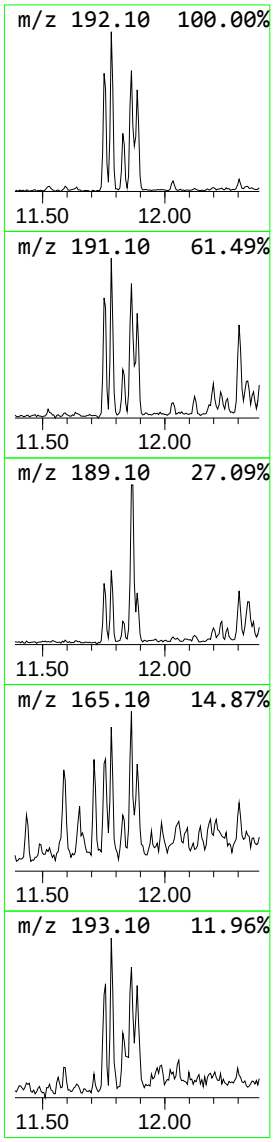
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.67 ng	58808	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72





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ALS Vial : 23 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

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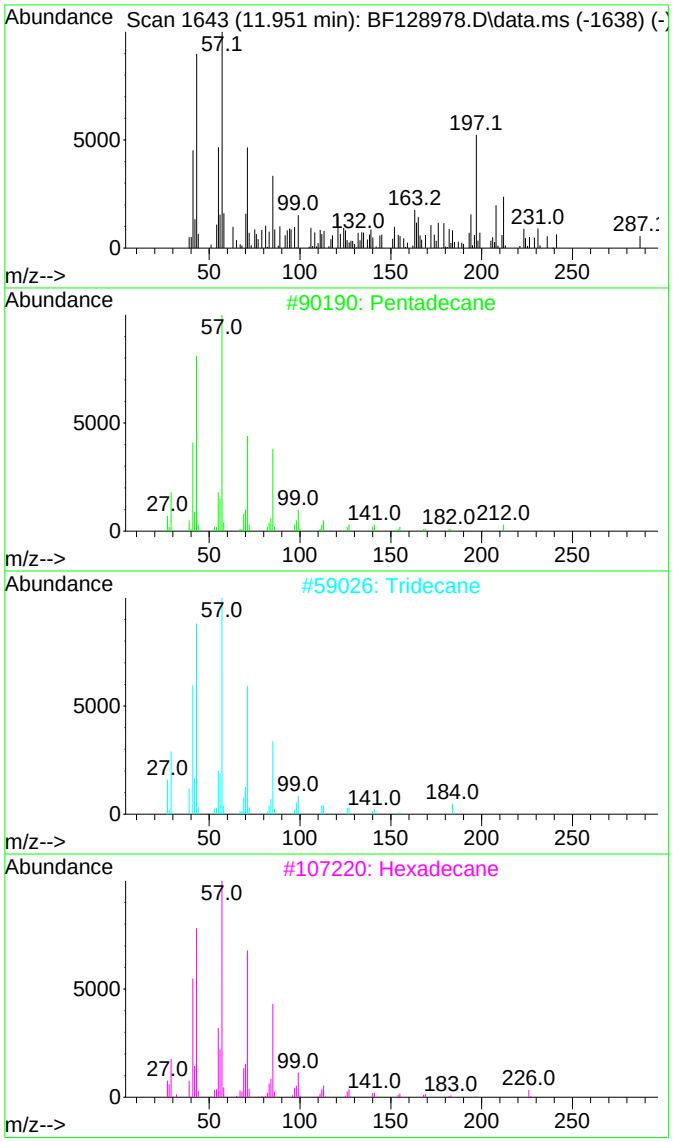
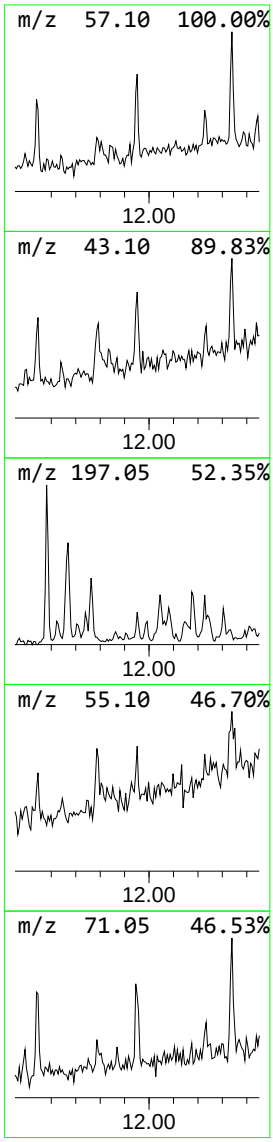
Peak Number 11 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.67 ng	58777	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	52
2	Tridecane	184	C13H28	000629-50-5	35
3	Hexadecane	226	C16H34	000544-76-3	35
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	25
5	Tetratetracontane	619	C44H90	007098-22-8	22





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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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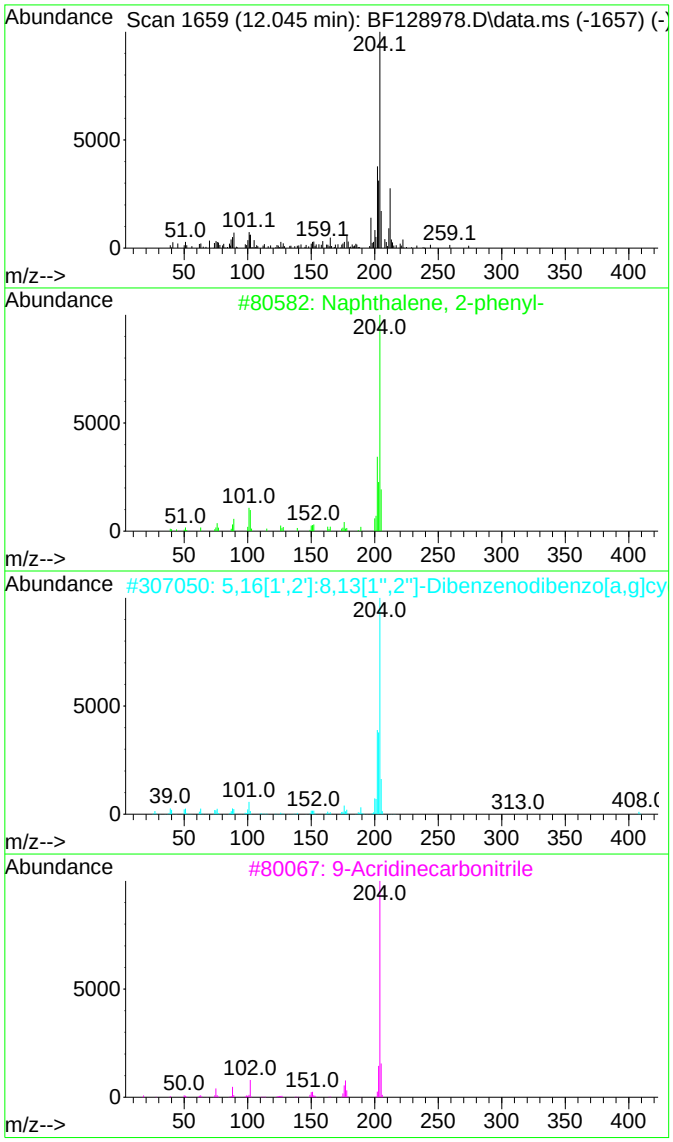
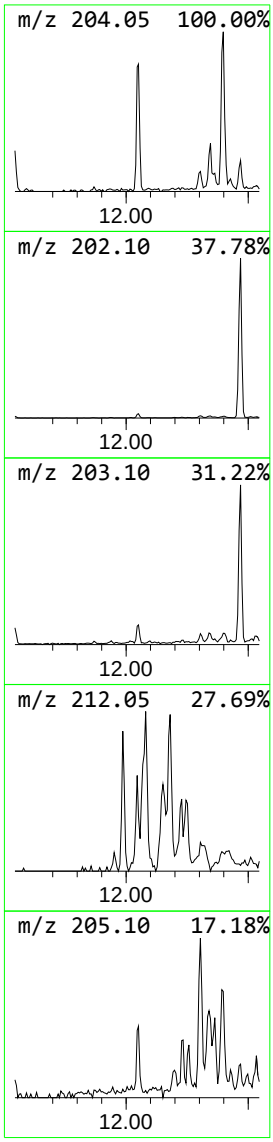
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	3.55 ng	78163	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46





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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

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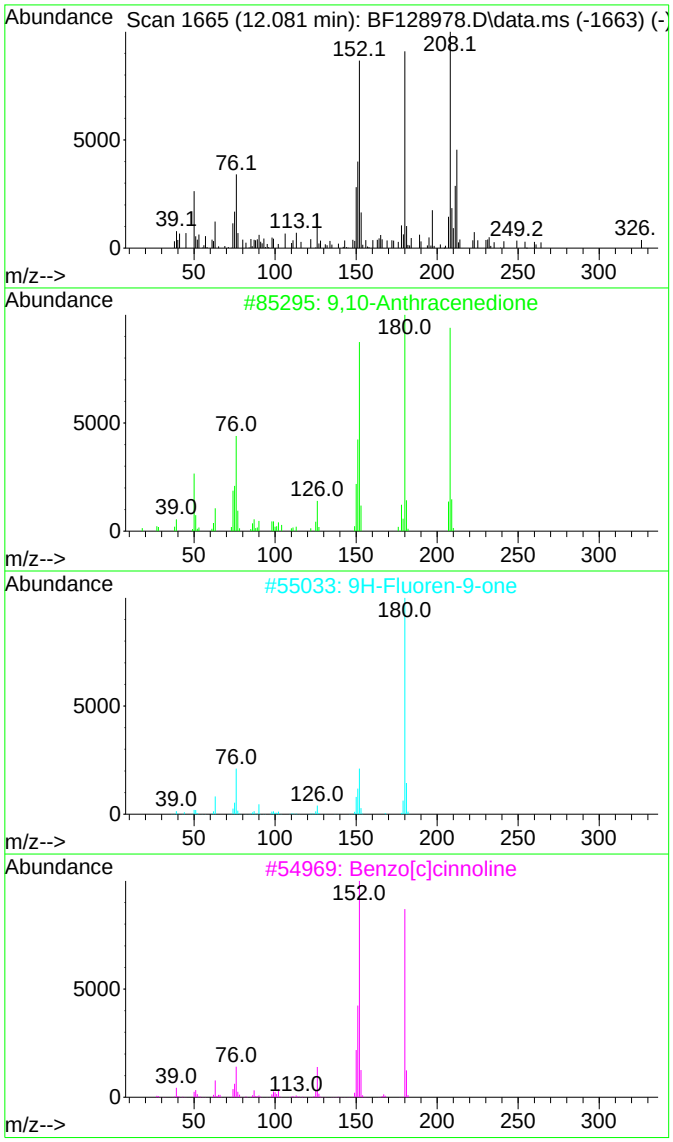
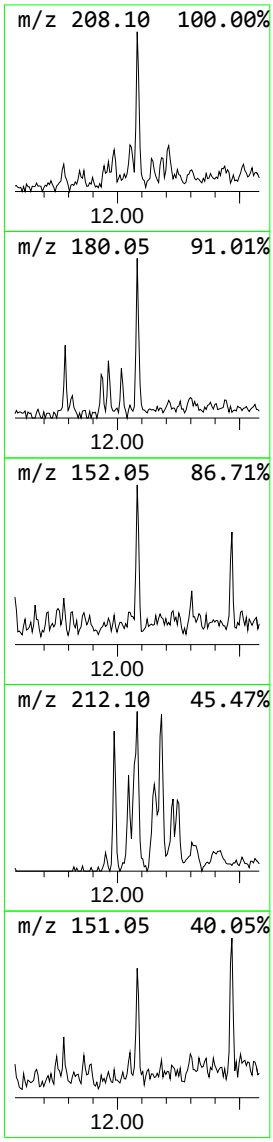
Peak Number 13 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	2.66 ng	58607	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	43





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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

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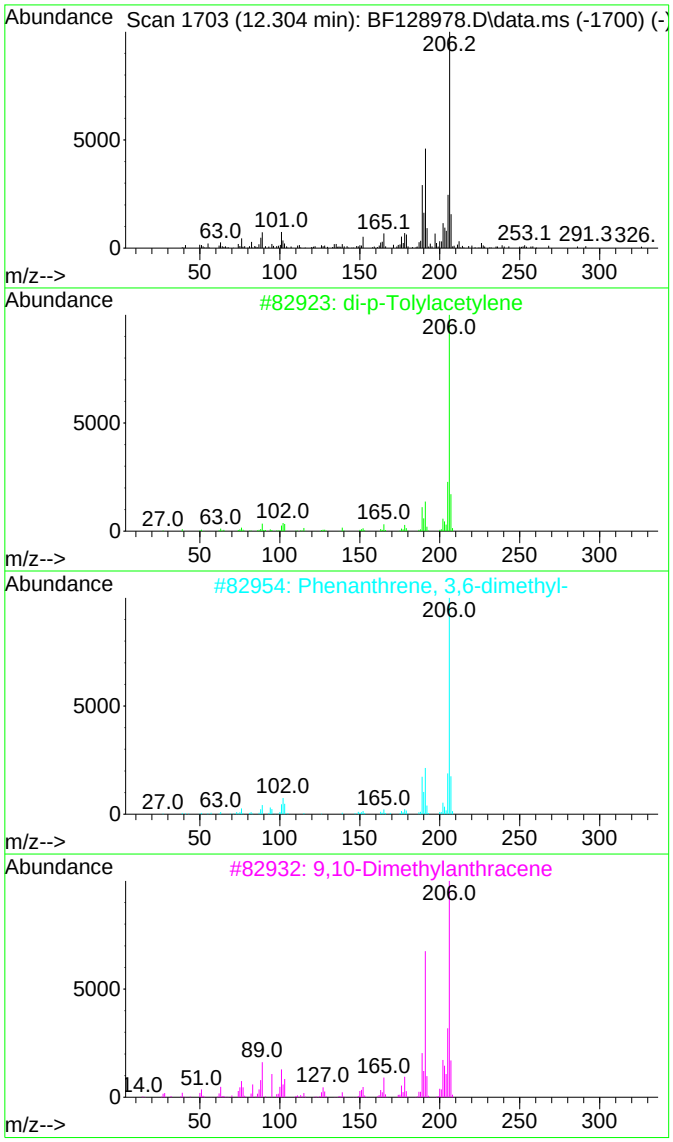
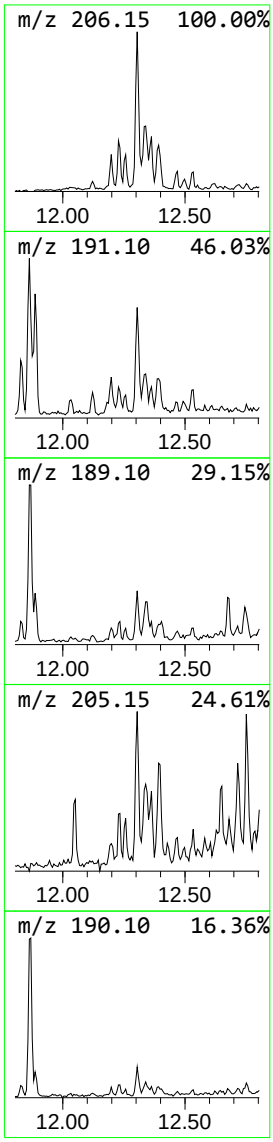
Peak Number 14 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.55 ng	100350	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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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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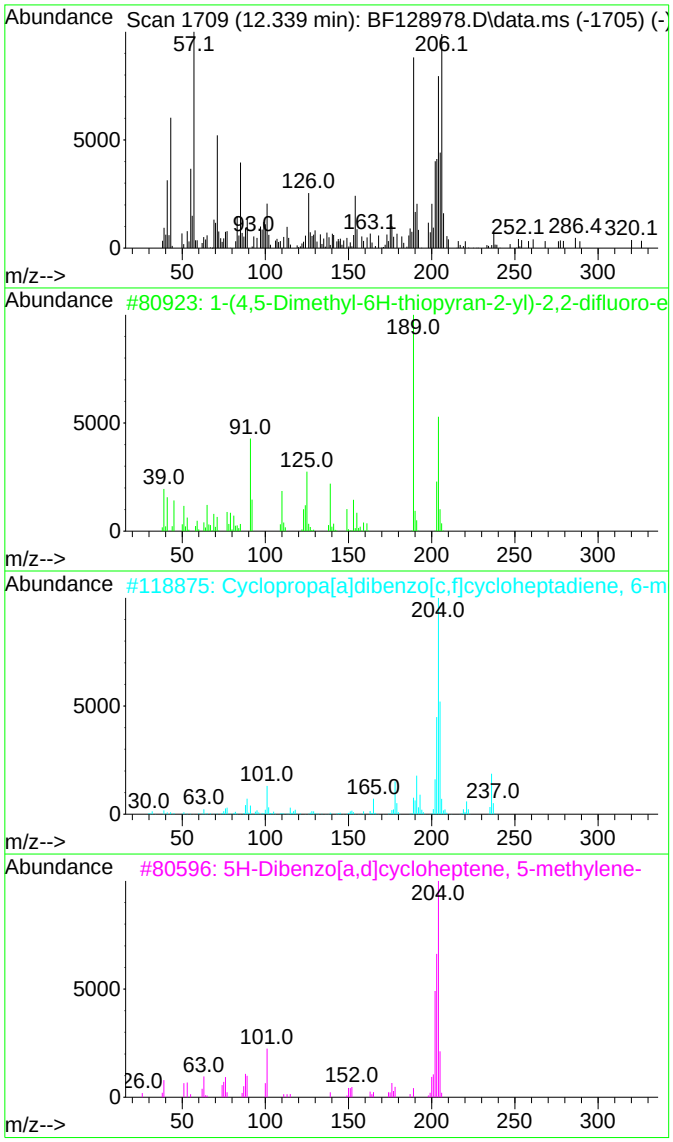
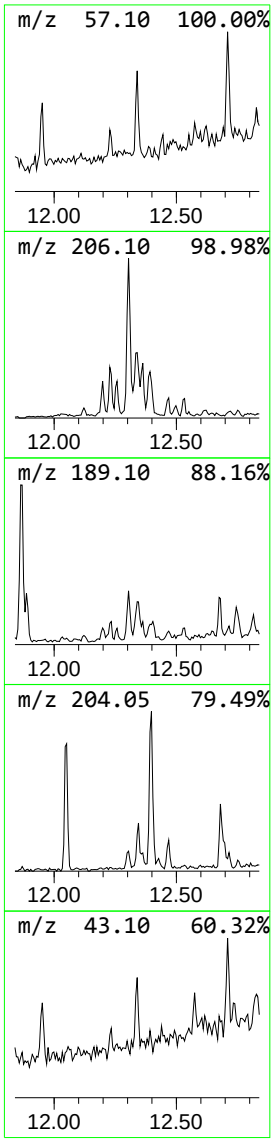
Peak Number 15 unknown12.339 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	4.02 ng	88658	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	38
2	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	35
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	35
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25





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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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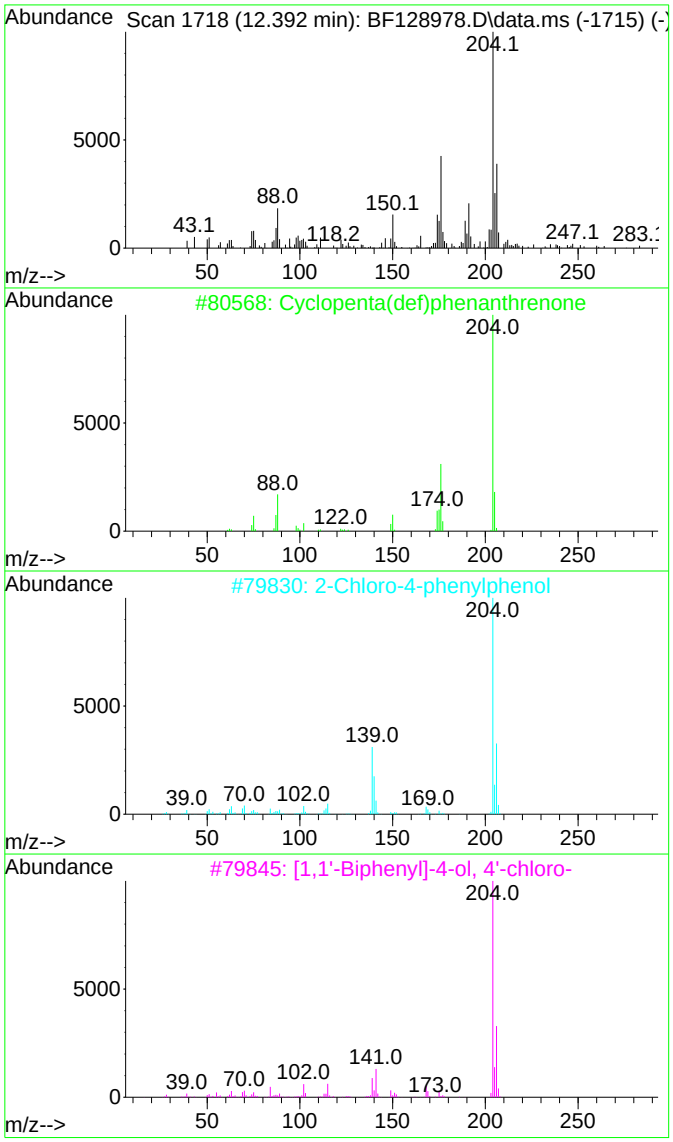
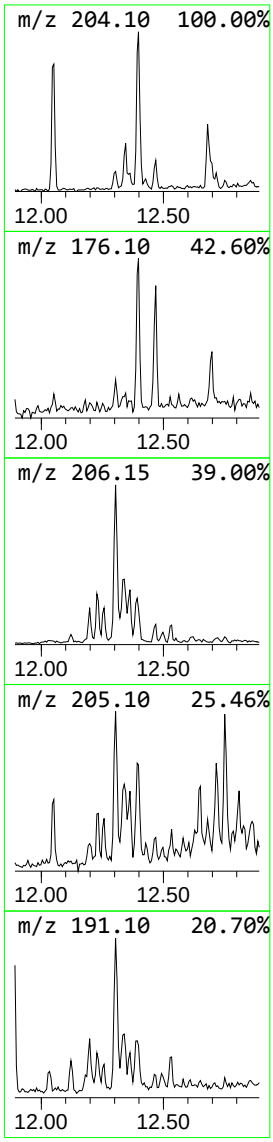
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	4.58 ng	100933	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	38





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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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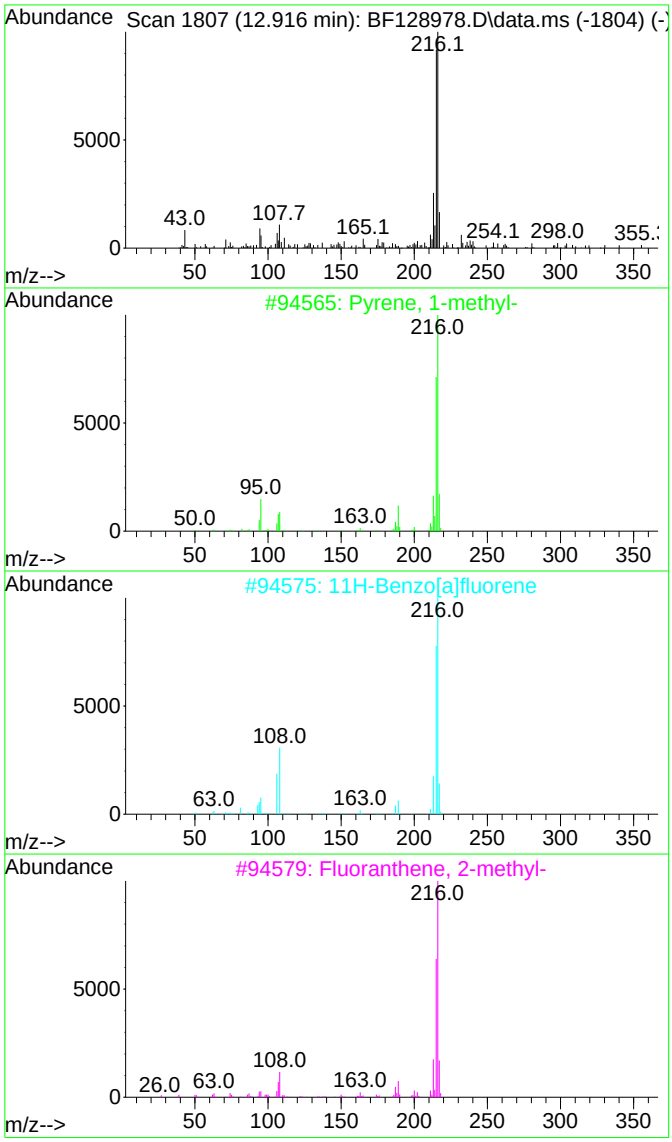
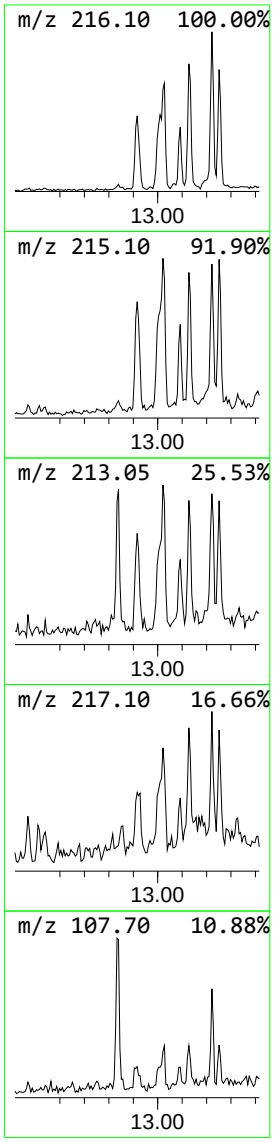
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	2.61 ng	76073	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	45
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	45





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Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

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

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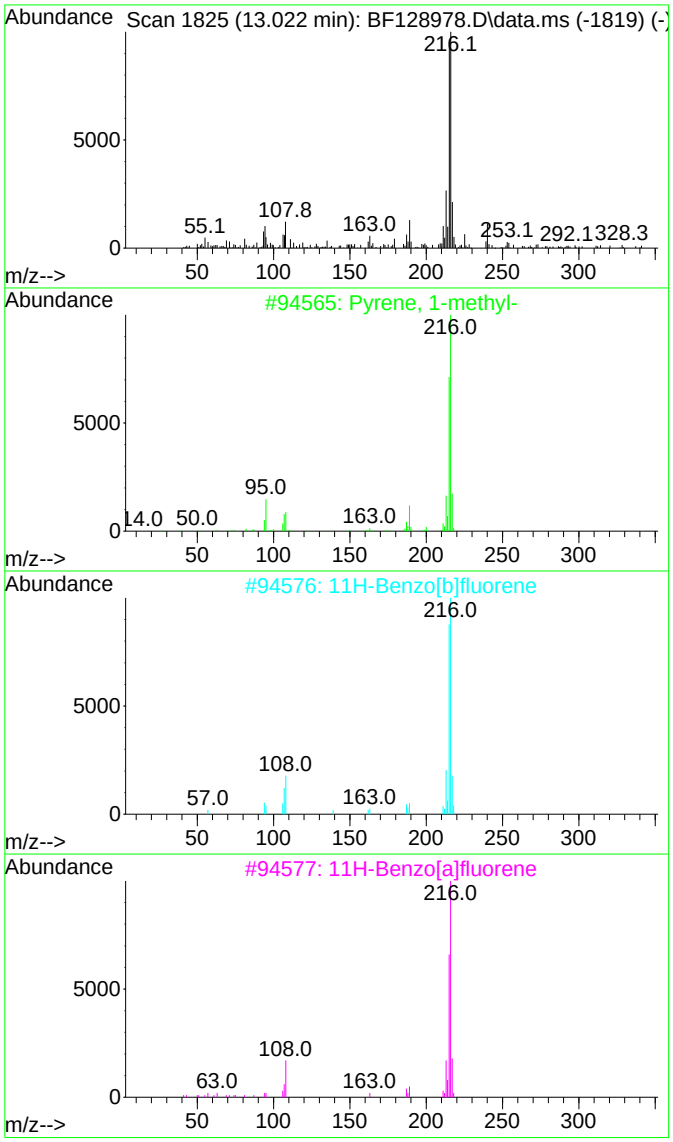
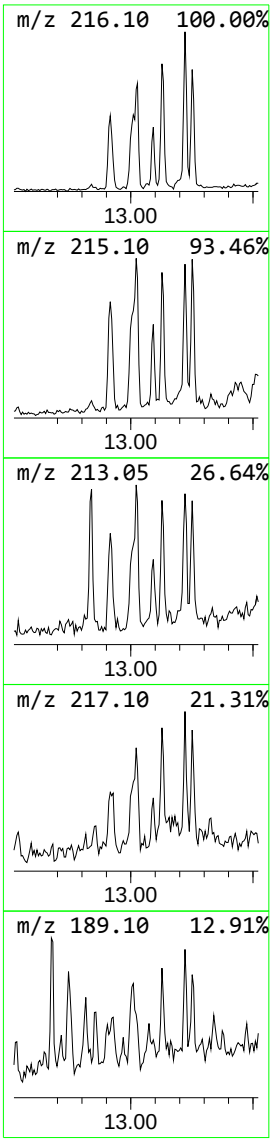
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.022	5.07 ng	148164	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

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

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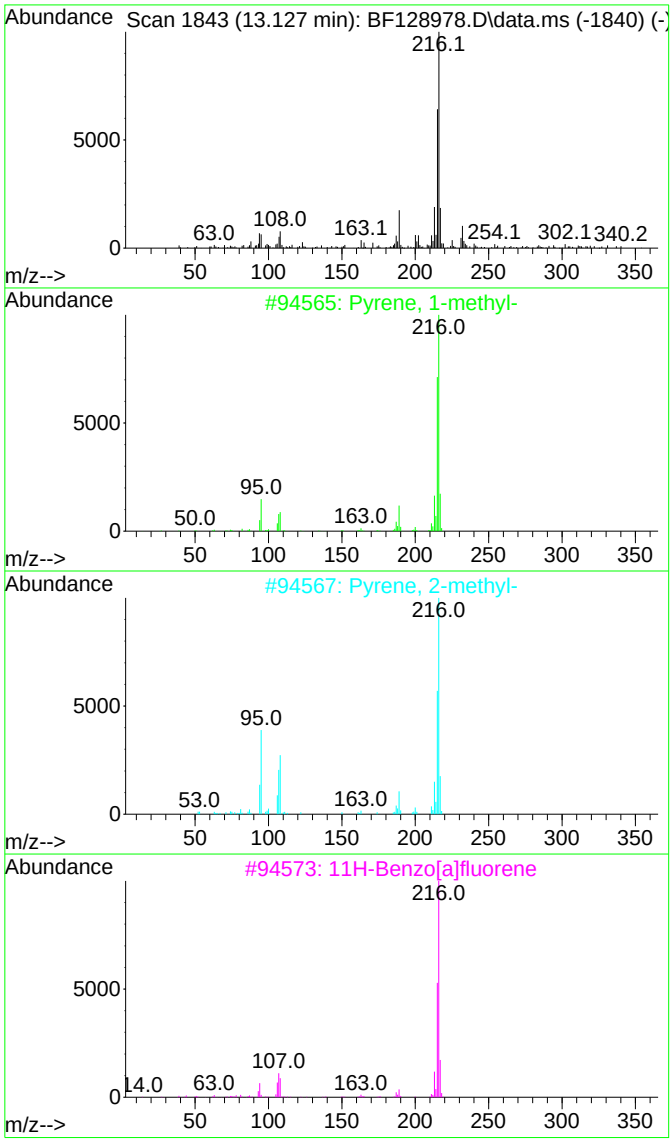
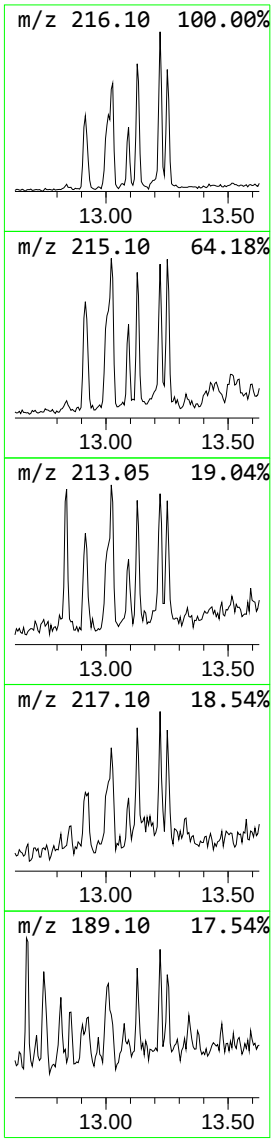
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	3.02 ng	88205	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

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

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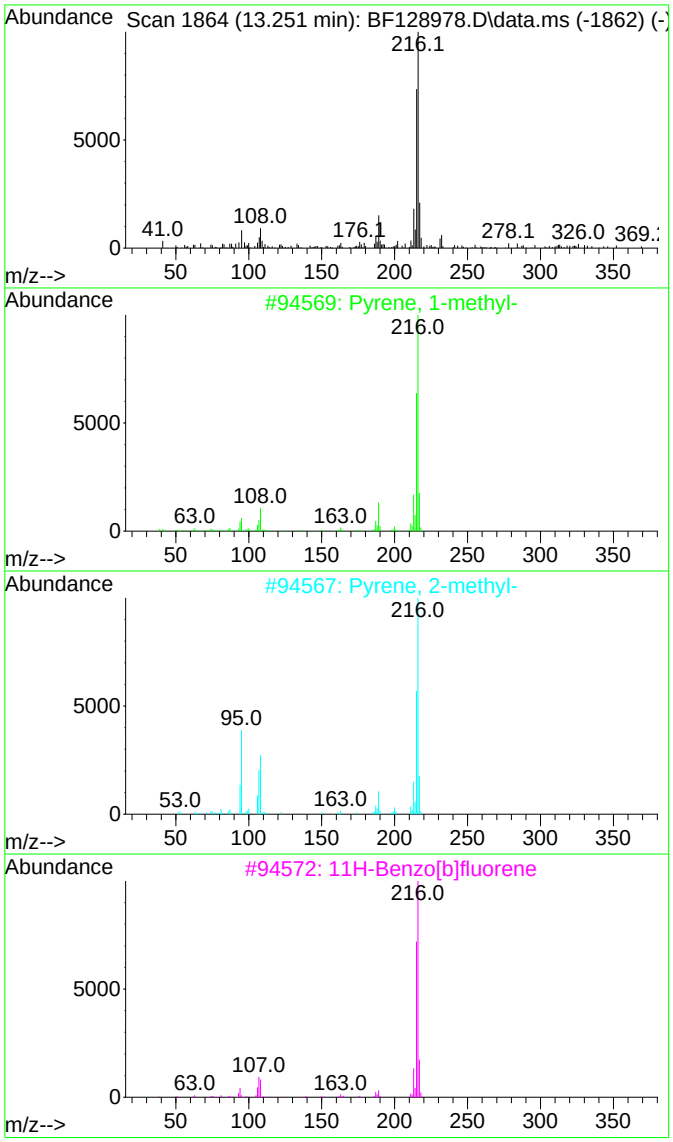
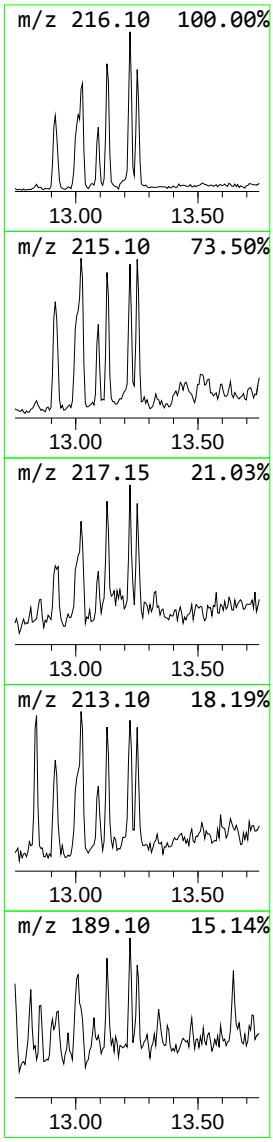
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	2.19 ng	63874	Chrysene-d12	13.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128978.D
Acq On : 24 Jun 2022 03:51
Operator : CG\JU
Sample : N3428-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-062122

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 5-hept...	10.310	2.1	ng	44664	3	9.763	419664	20.0
unknown10.675	10.675	2.1	ng	45682	4	11.251	440787	20.0
9H-Fluoren-9-one	11.063	2.5	ng	54802	4	11.251	440787	20.0
Dibenzothiophene	11.145	2.3	ng	50269	4	11.251	440787	20.0
2-Methyldibenzo...	11.581	2.3	ng	50507	4	11.251	440787	20.0
4-Methylnaphtho...	11.669	2.3	ng	51474	4	11.251	440787	20.0
Phenanthrene, 1...	11.757	4.5	ng	99228	4	11.251	440787	20.0
Anthracene, 1-m...	11.781	5.4	ng	119031	4	11.251	440787	20.0
4H-Cyclopenta[d...	11.863	7.7	ng	169139	4	11.251	440787	20.0
Phenanthrene, 2...	11.886	2.7	ng	58808	4	11.251	440787	20.0
Pentadecane	11.951	2.7	ng	58777	4	11.251	440787	20.0
Naphthalene, 2-...	12.045	3.5	ng	78163	4	11.251	440787	20.0
9,10-Anthracene...	12.081	2.7	ng	58607	4	11.251	440787	20.0
di-p-Tolylacety...	12.304	4.5	ng	100350	4	11.251	440787	20.0
unknown12.339	12.339	4.0	ng	88658	4	11.251	440787	20.0
Cyclopenta(def)...	12.392	4.6	ng	100933	4	11.251	440787	20.0
Pyrene, 1-methyl-	12.916	2.6	ng	76073	5	13.898	584044	20.0
11H-Benzo[b]flu...	13.022	5.1	ng	148164	5	13.898	584044	20.0
Pyrene, 2-methyl-	13.128	3.0	ng	88205	5	13.898	584044	20.0
11H-Benzo[a]flu...	13.251	2.2	ng	63874	5	13.898	584044	20.0