LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-06062022

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: BF128727.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	465	469	475	rVB	28348	33876	1.28%	0.119%
2	5.475	539	542	555	rBV	2713356	2640052	100.00%	9.272%
3	6.492	712	715	725	rBV	2474378	2582167	97.81%	9.068%
4	6.822	768	771	775	rVB	632316	522072	19.78%	1.833%
5	7.392	858	868	871	rBV	1651319	1498467	56.76%	5.263%
6	8.110	984	990	992	rBV	613072	529112	20.04%	1.858%
7	8.128	992	993	997	rVB	52455	35260	1.34%	0.124%
8	8.822	1108	1111	1114	rVB	74810	54599	2.07%	0.192%
9	8.922	1124	1128	1131	rBV	83601	74087	2.81%	0.260%
10	9.186	1169	1173	1176	rBV	3079943	2446210	92.66%	8.591%
11	9.298	1188	1192	1195	rVB2	58988	59490	2.25%	0.209%
12	9.451	1213	1218	1221	rBV2	45226	59261	2.24%	0.208%
13	9.522	1227	1230	1232	rBV	83005	72955	2.76%	0.256%
14	9.586	1239	1241	1243	rVB	43708	29653	1.12%	0.104%
15	9.639	1247	1250	1255	rVB	46790	49040	1.86%	0.172%
16	9.728	1261	1265	1268	rBV	115730	109726	4.16%	0.385%
17	9.792	1274	1276	1279	rVB	45627	30518	1.16%	0.107%
18	9.863	1285	1288	1291	rVB	606218	477044	18.07%	1.675%
19	9.898	1291	1294	1297	rVB	129579	117312	4.44%	0.412%
20	9.969	1303	1306	1310	rBV4	24631	35944	1.36%	0.126%
21	10.004	1310	1312	1314	rBV2	33700	32728	1.24%	0.115%
22	10.069	1320	1323	1327	rVB2	108976	99566	3.77%	0.350%
23	10.104	1327	1329	1334	rVB3	35998	34270	1.30%	0.120%
24	10.180	1338	1342	1345	rBV2	39910	55381	2.10%	0.194%
25	10.269	1353	1357	1359	rBV4	26368	34444	1.30%	0.121%
26	10.292	1359	1361	1363	rVB2	66170	49618	1.88%	0.174%
27	10.410	1378	1381	1387	rVB	174420	174292	6.60%	0.612%
28	10.569	1405	1408	1411	rVB	46389	39080	1.48%	0.137%
29	10.657	1416	1423	1427	rBV	1514121	1383251	52.39%	4.858%
30	10.769	1439	1442	1447	rBV2	88308	124034	4.70%	0.436%
31	10.963	1470	1475	1477	rBV2	54747	69785	2.64%	0.245%
32	10.986	1477	1479	1483	rVB3	40475	39755	1.51%	0.140%
33	11.157	1506	1508	1511	rVB	52078	42102	1.59%	0.148%
34	11.216	1516	1518	1521	rVV	78669	71228	2.70%	0.250%
35	11.251	1521	1524	1528	rVB	134059	134098	5.08%	0.471%
36	11.351	1538	1541	1543	rBV	528003	495868	18.78%	1.741%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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	11.380	1543	1546	1549	rVV	1073358	891645	33.77%	3.131%
38	11.427	1551	1554	1557	rVV	294035	231561	8.77%	0.813%
39	11.463	1557	1560	1563	rVV2	52252	53155	2.01%	0.187%
40	11.586	1578	1581	1586	rBV	88292	88713	3.36%	0.312%
41	11.645	1588	1591	1595	rVV2	84373	81077	3.07%	0.285%
42	11.686	1595	1598	1603	rVB	81122	78527	2.97%	0.276%
43	11.769	1609	1612	1615	rVB	58822	64926	2.46%	0.228%
44	11.857	1624	1627	1629	rBV	210950	188173	7.13%	0.661%
45	11.886	1629	1632	1637	rVV	474832	422925	16.02%	1.485%
46	11.927	1637	1639	1642	rVV	75731	80819	3.06%	0.284%
47	11.969	1642	1646	1648	rVV2	331732	351286	13.31%	1.234%
48	11.992	1648	1650	1654	rVB	151232	123220	4.67%	0.433%
49	12.051	1658	1660	1663	rVV2	62454	64407	2.44%	0.226%
50	12.086	1664	1666	1669	rVB2	50180	47746	1.81%	0.168%
51	12.151	1674	1677	1679	rVV2	118570	112105	4.25%	0.394%
52	12.174	1679	1681	1685	rVB2	104559	110684	4.19%	0.389%
53	12.286	1697	1700	1701	rBV	47061	49524	1.88%	0.174%
54	12.333	1705	1708	1710	rVV	107758	90618	3.43%	0.318%
55	12.357	1710	1712	1715	rVB2	76487	60029	2.27%	0.211%
56	12.410	1717	1721	1723	rBV	192494	222302	8.42%	0.781%
57	12.445	1723	1727	1729	rVV3	164269	201763	7.64%	0.709%
58	12.492	1733	1735	1739	rVB2	84276	87245	3.30%	0.306%
59	12.574	1745	1749	1752	rBV	1108150	989622	37.48%	3.476%
60	12.669	1762	1765	1768	rBV2	111636	133140	5.04%	0.468%
61	12.722	1772	1774	1777	rVV	96751	100163	3.79%	0.352%
62	12.804	1781	1788	1793	rBV	1037273	1242190	47.05%	4.363%
63	12.857	1794	1797	1800	rVB2	90387	109261	4.14%	0.384%
64	12.945	1808	1812	1815	rBV	2544927	2278284	86.30%	8.001%
65	13.016	1821	1824	1831	rBV5	116563	176120	6.67%	0.619%
66	13.127	1841	1843	1846	rVB	235019	203614	7.71%	0.715%
67	13.174	1849	1851	1852	rVV	76808	52276	1.98%	0.184%
68	13.198	1852	1855	1857	rVB	151525	135710	5.14%	0.477%
69	13.233	1858	1861	1865	rVV2	194980	183987	6.97%	0.646%
70	13.327	1874	1877	1879	rVB	119234	102639	3.89%	0.360%
71	13.357	1879	1882	1885	rBV	134168	137645	5.21%	0.483%
72	13.516	1907	1909	1911	rBV	93557	68454	2.59%	0.240%
73	13.998	1987	1991	1994	rBV2	594323	819928	31.06%	2.880%
74	14.027	1994	1996	1999	rVB	354764	263474	9.98%	0.925%
75	14.098	2004	2008	2012	rVV2	336036	401136	15.19%	1.409%
76	14.398	2056	2059	2061	rVB2	340352	316276	11.98%	1.111%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
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Acq On : 07 Jun 2022 20:45
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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
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Peak separation: 5

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

77	14.633	2096	2099	2103	rVB	1941540	1882149	71.29%	6.610%
78	15.051	2167	2170	2177	rVB	210421	368820	13.97%	1.295%
79	15.415	2229	2232	2237	rVB	184915	232336	8.80%	0.816%
80	15.480	2240	2243	2246	rBV	218583	238180	9.02%	0.836%

Sum of corrected areas: 28474199

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
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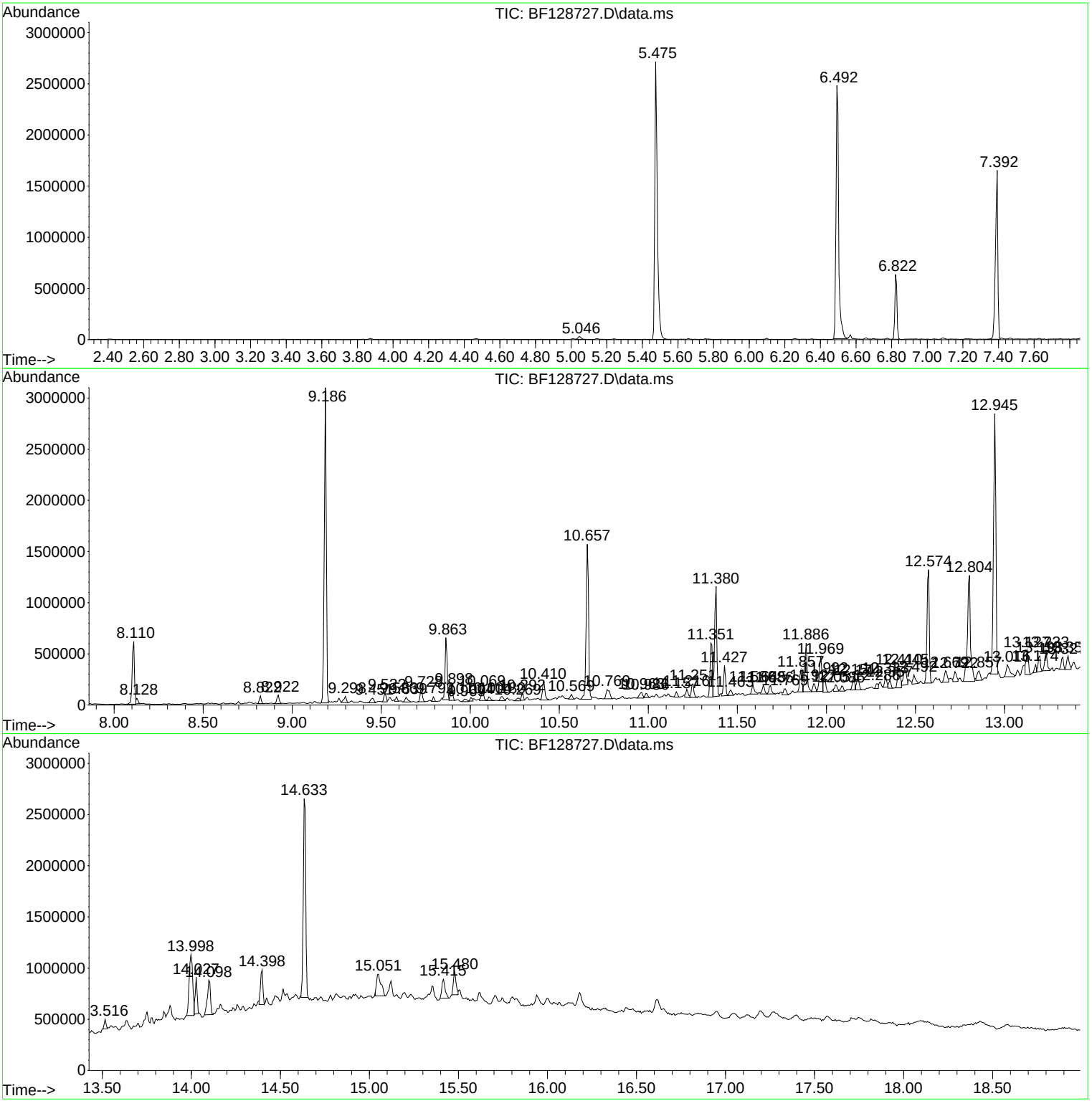
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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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

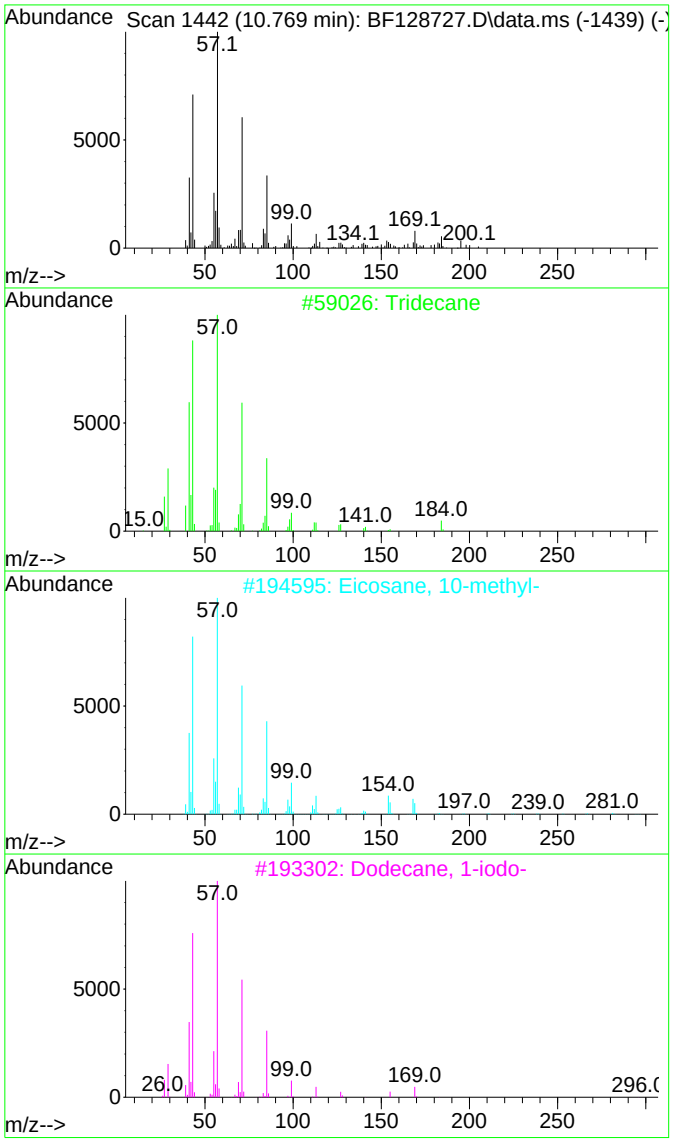
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

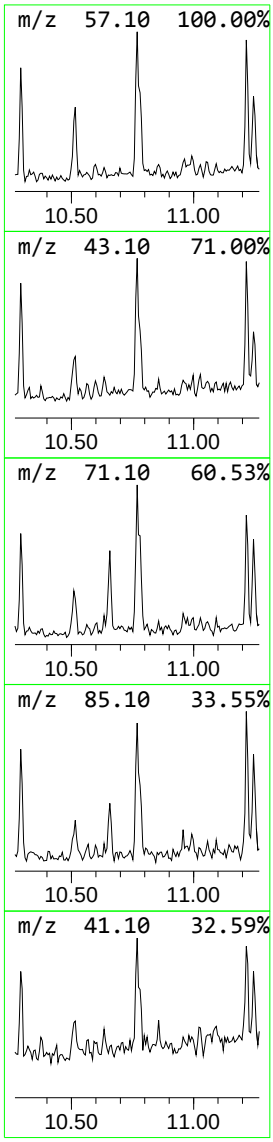
****

Peak Number 1 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	5.00 ng	124034	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heneicosane	296	C21H44	000629-94-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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

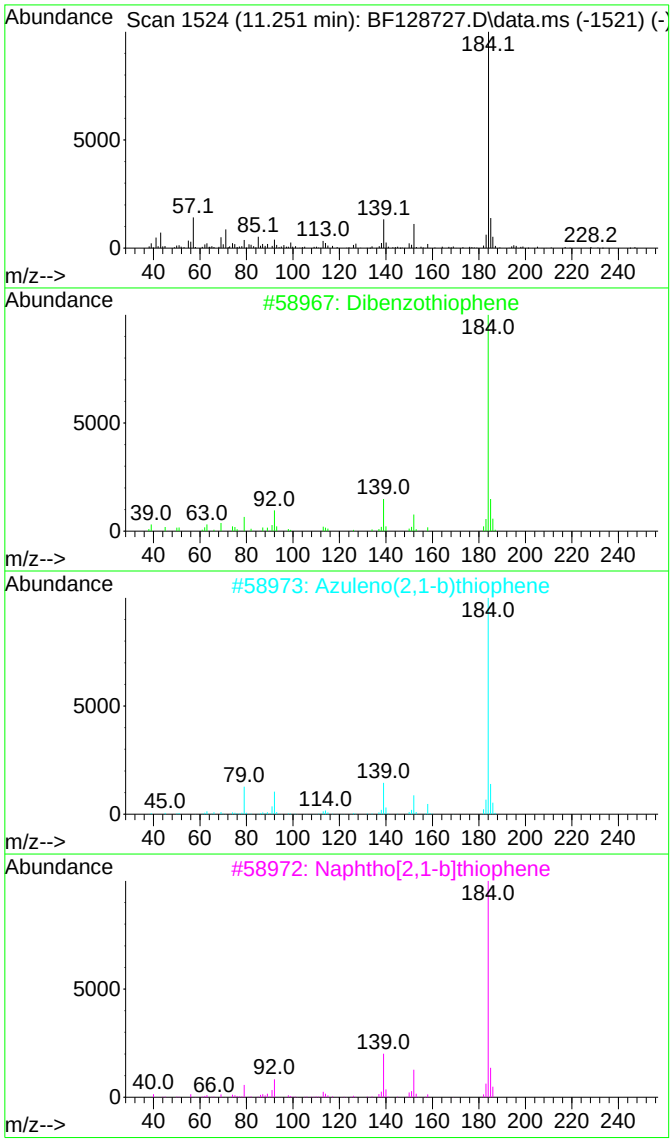
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

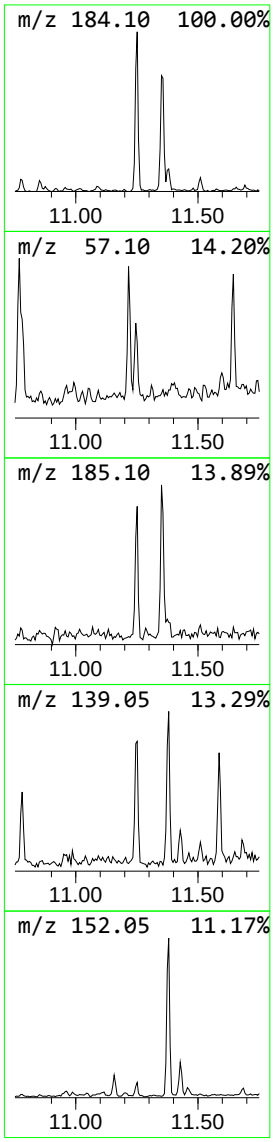
****

Peak Number 2 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	5.41 ng	134098	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
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Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

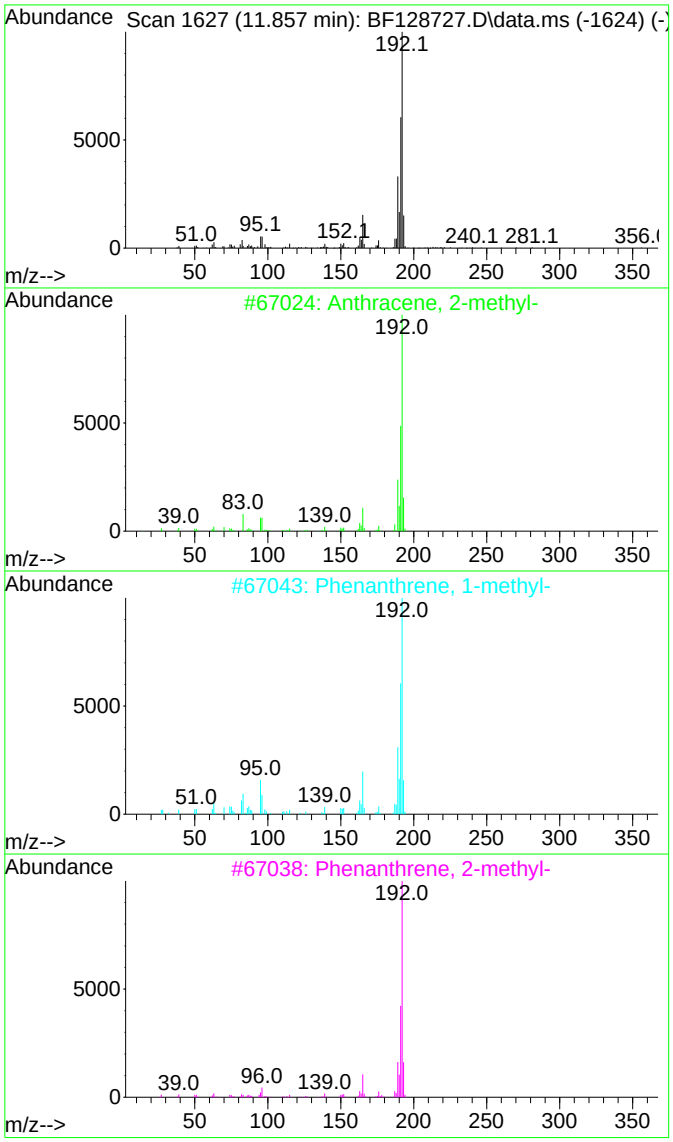
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

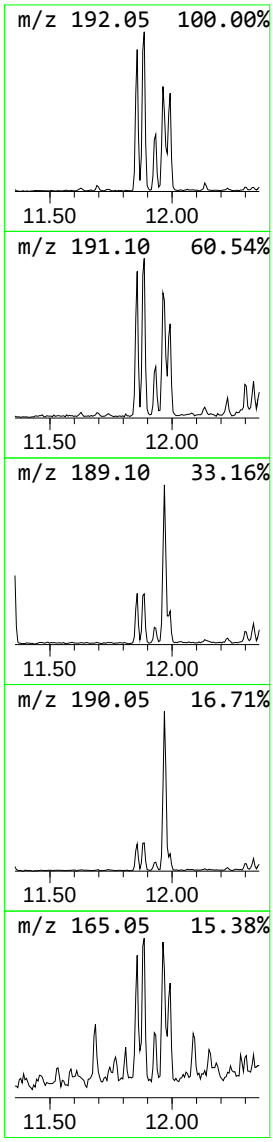
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.59 ng	188173	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
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Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

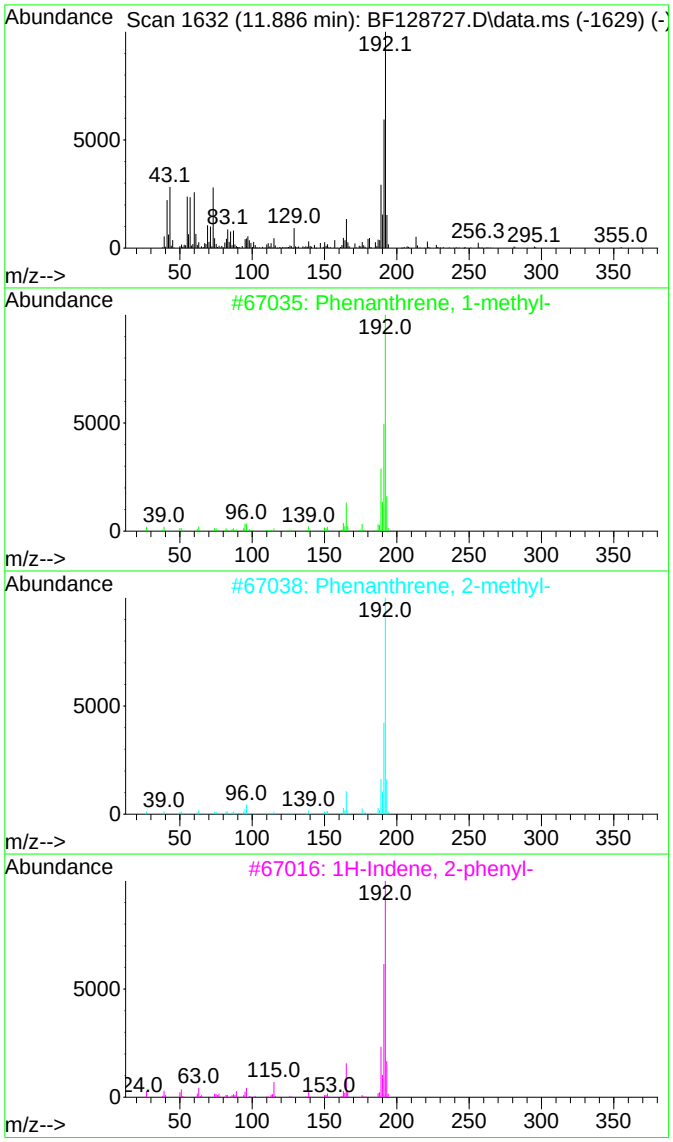
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

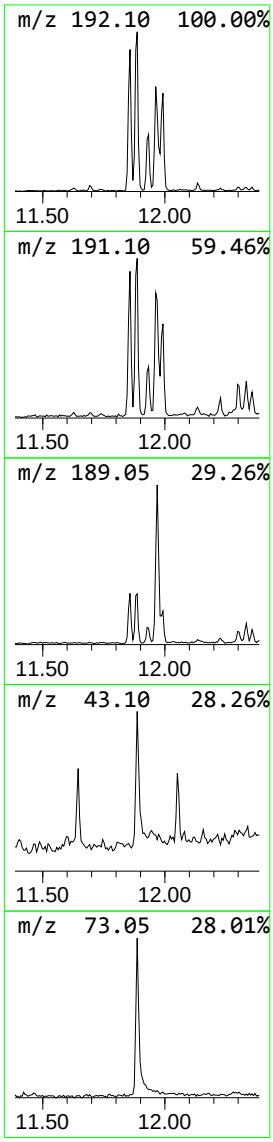
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	17.06 ng	422925	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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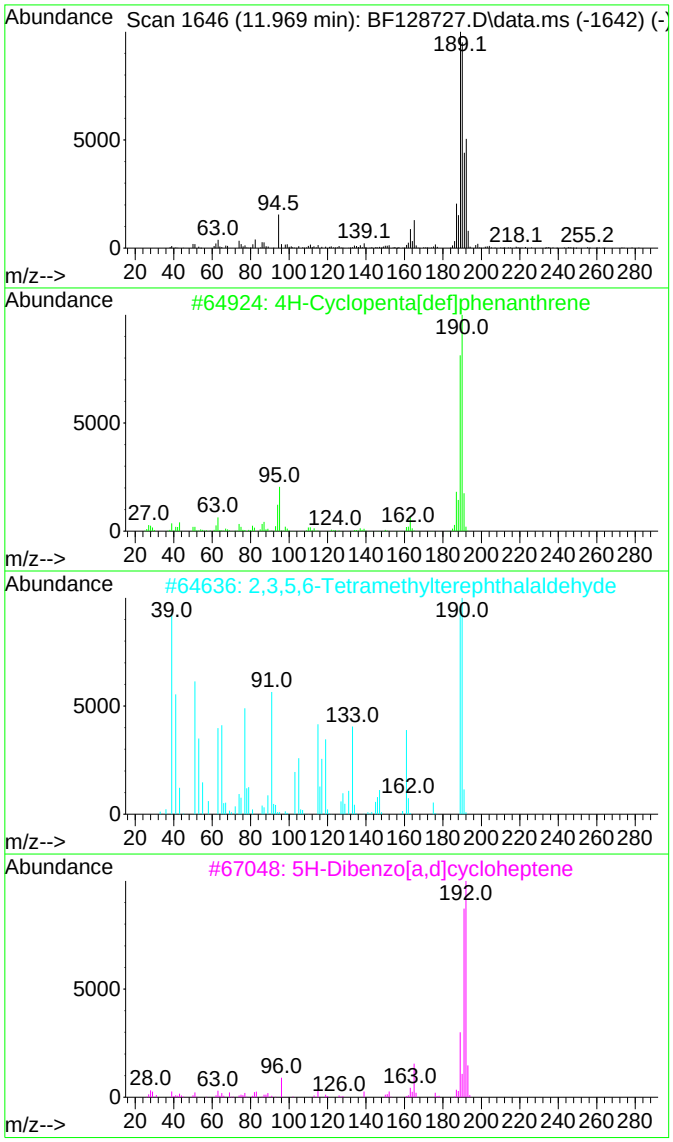
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

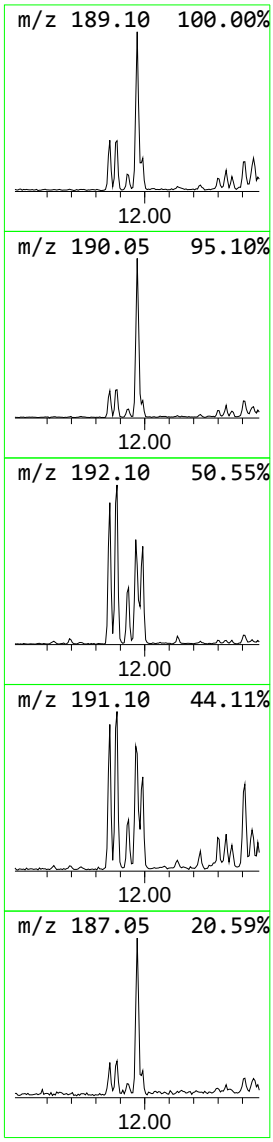
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	14.17 ng	351286	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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

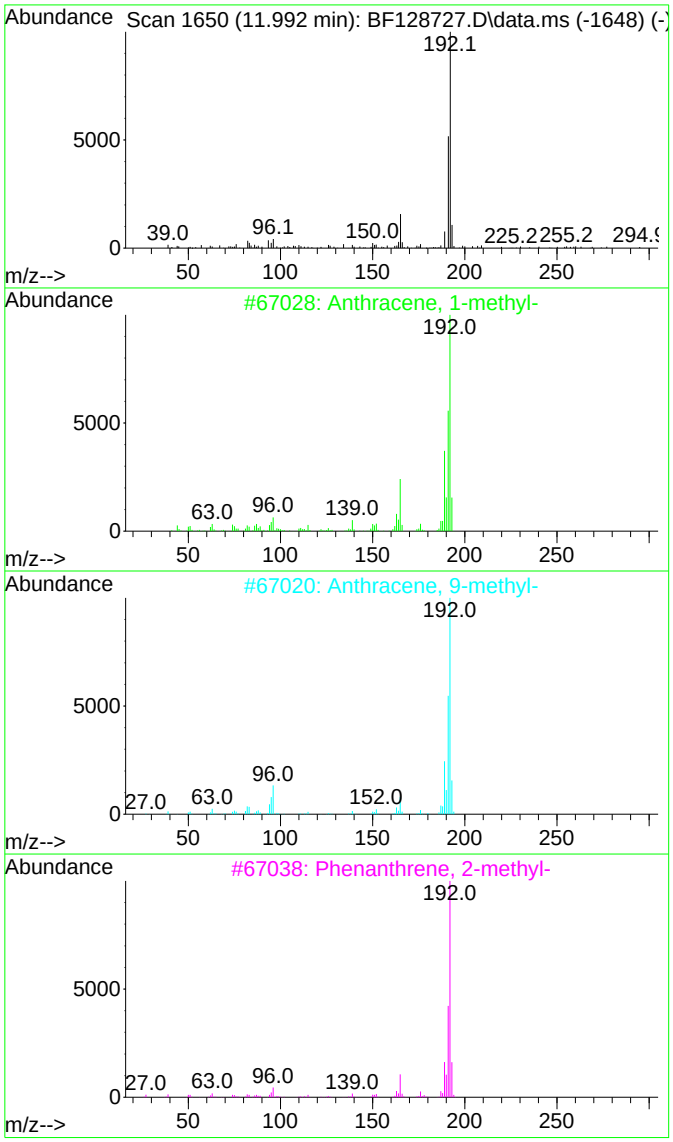
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

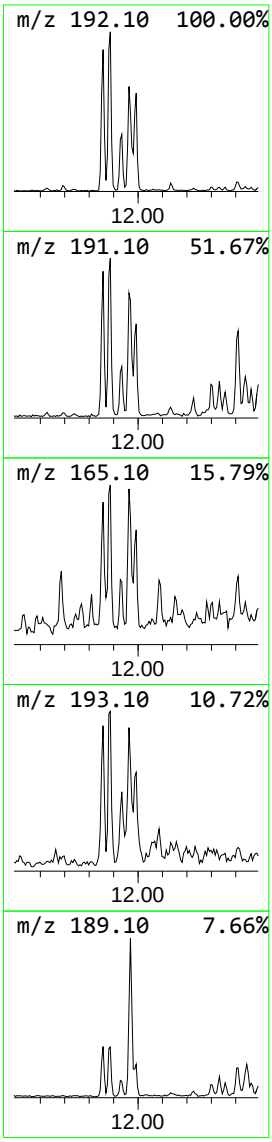
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	4.97 ng	123220	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





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Sample : N3225-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

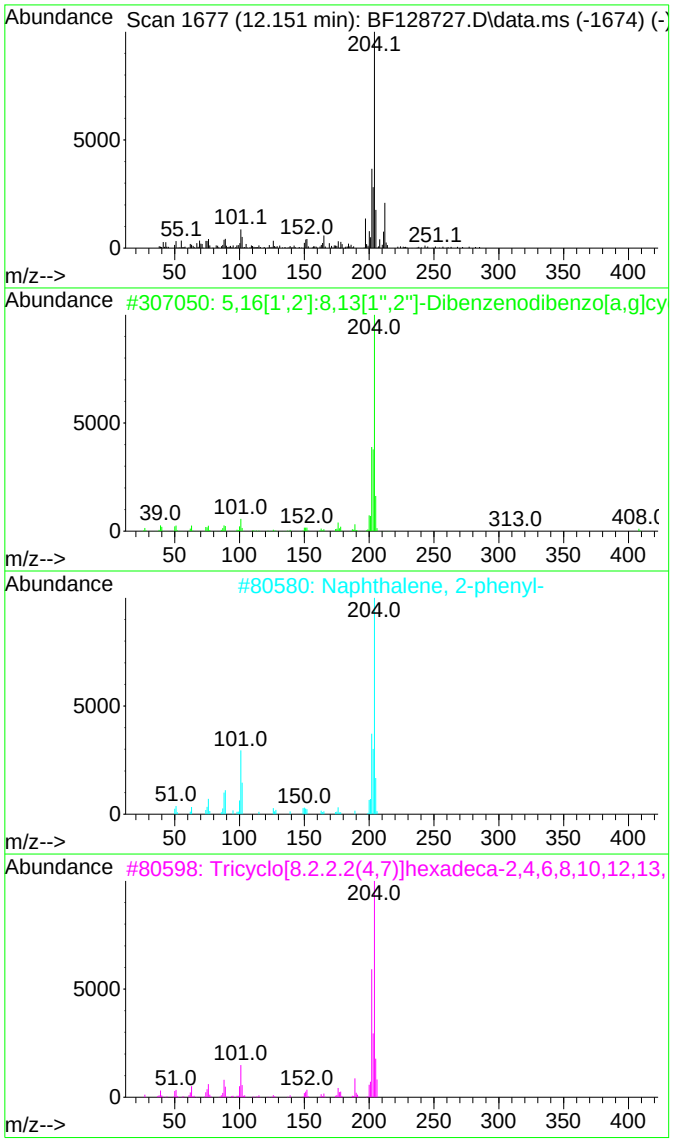
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

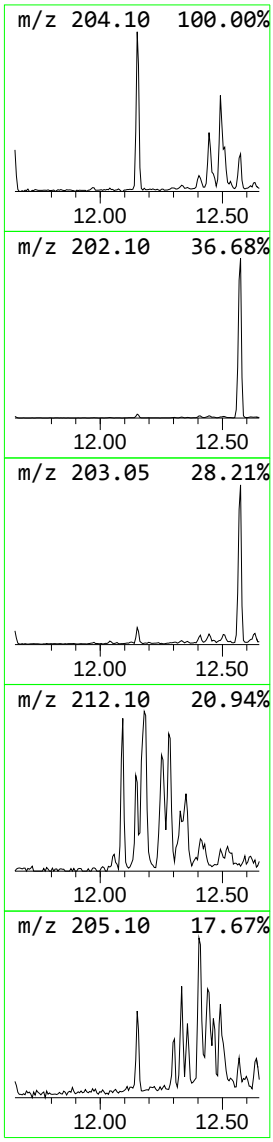
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	4.52 ng	112105	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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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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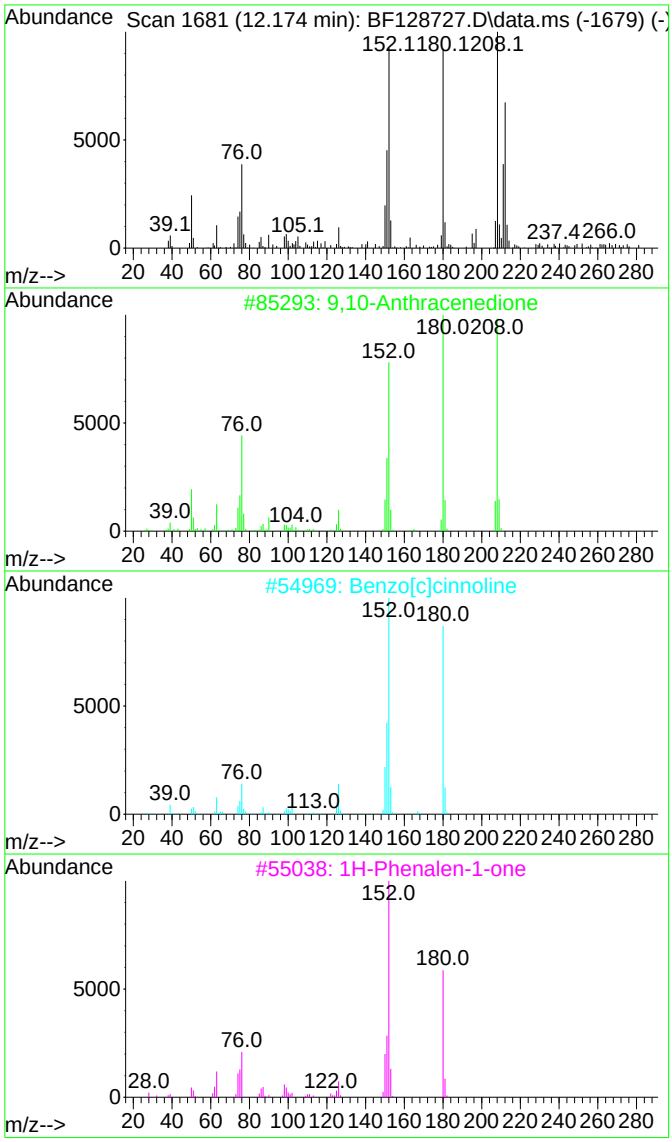
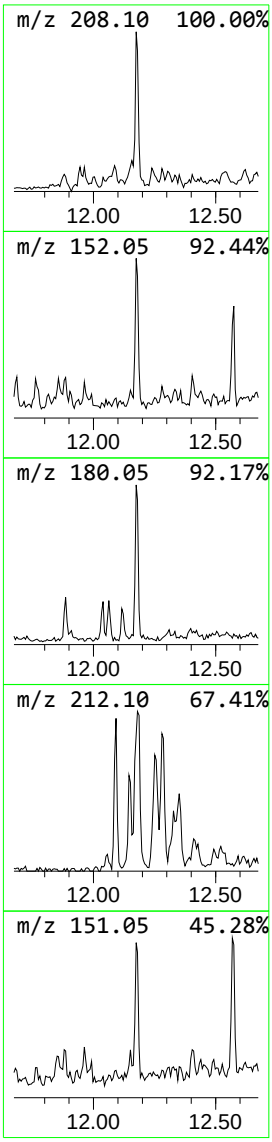
Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	4.46 ng	110684	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5	Carbazole-9-ethanol	211	C14H13NO	001484-14-6	43





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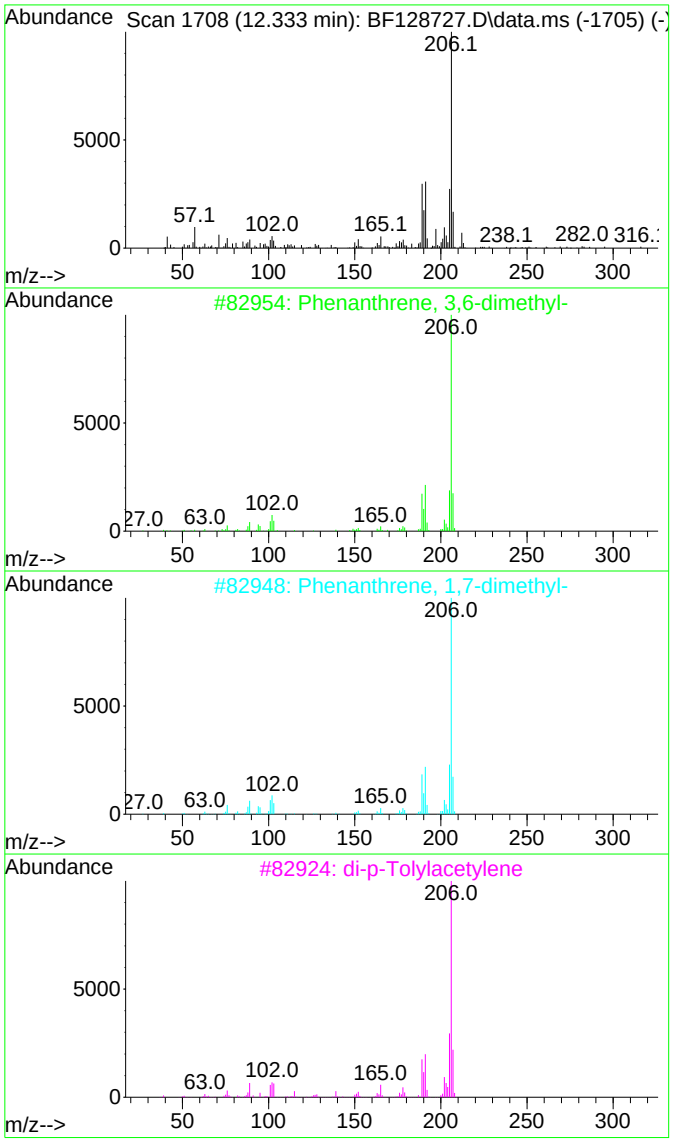
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

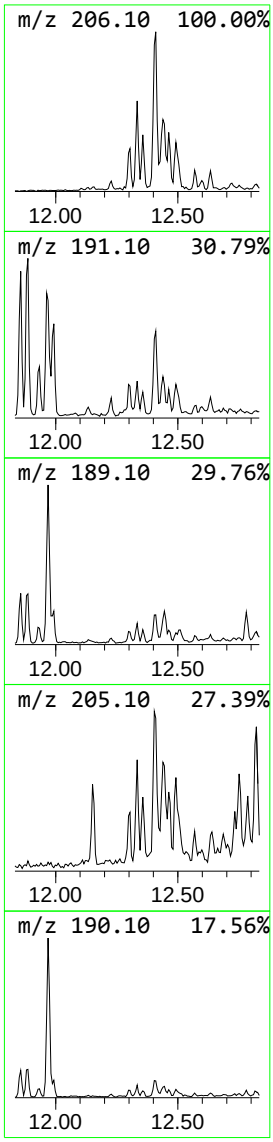
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	3.65 ng	90618	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	68





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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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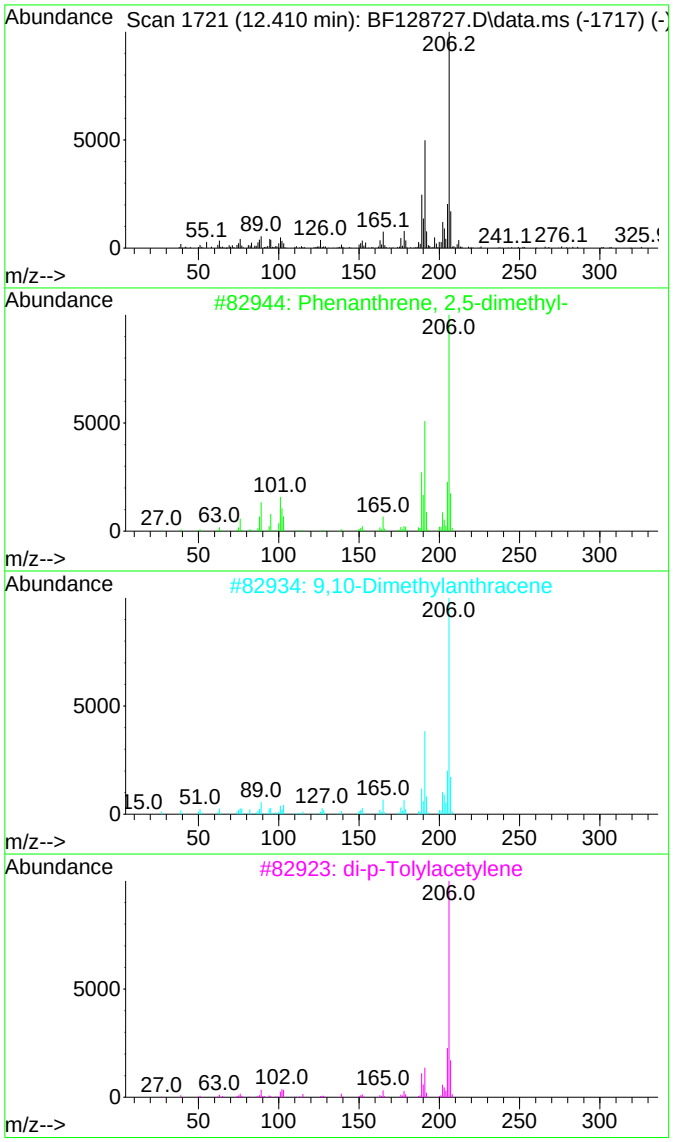
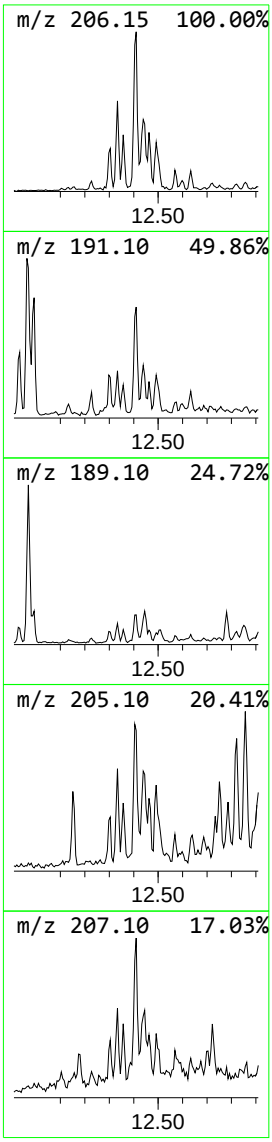
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	8.97 ng	222302	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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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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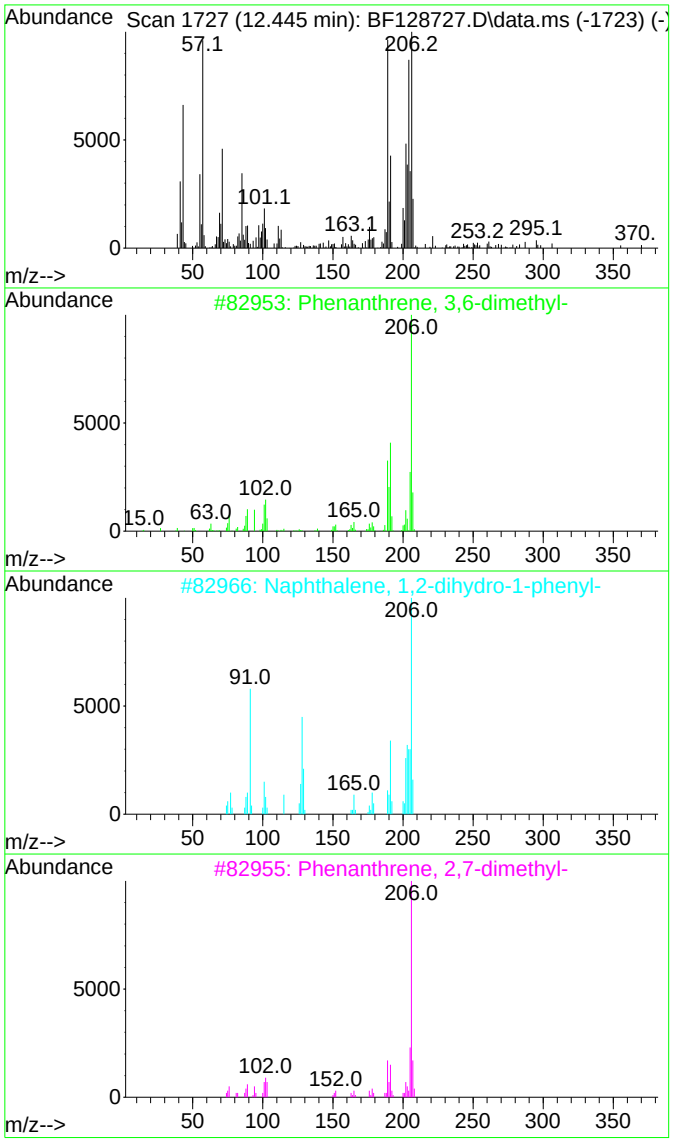
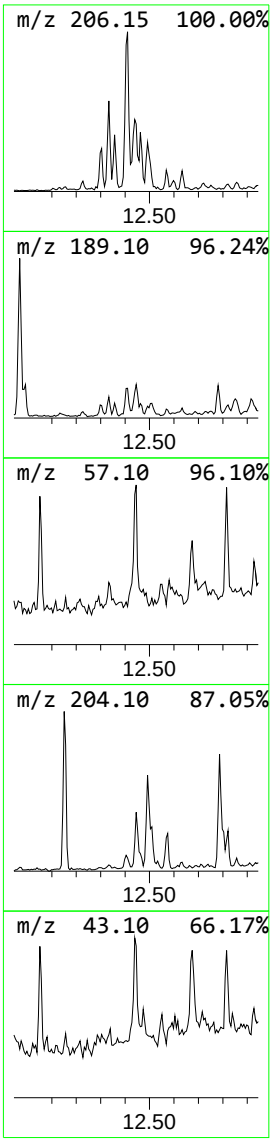
Peak Number 11 unknown12.445 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	8.14 ng	201763	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	35
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	27





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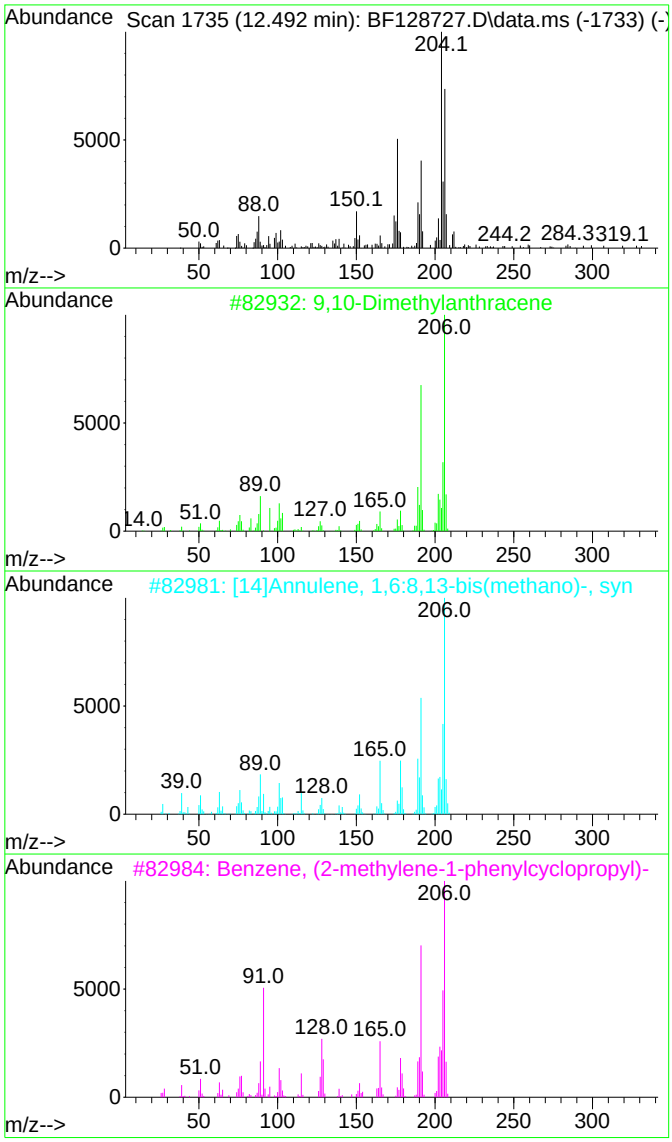
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

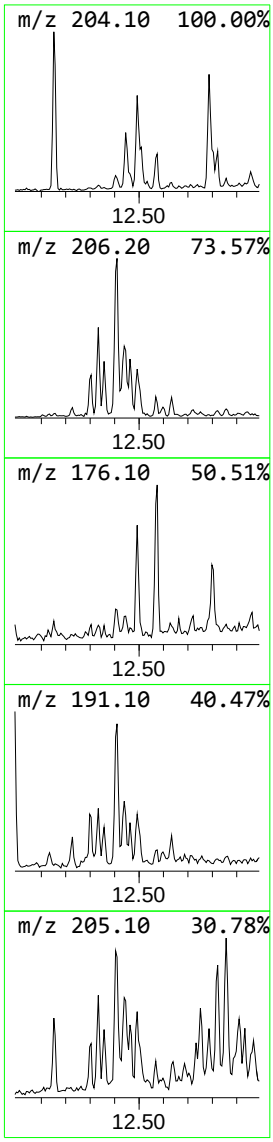
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	3.52 ng	87245	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	70
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	45
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	45





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Misc :
ALS Vial : 18 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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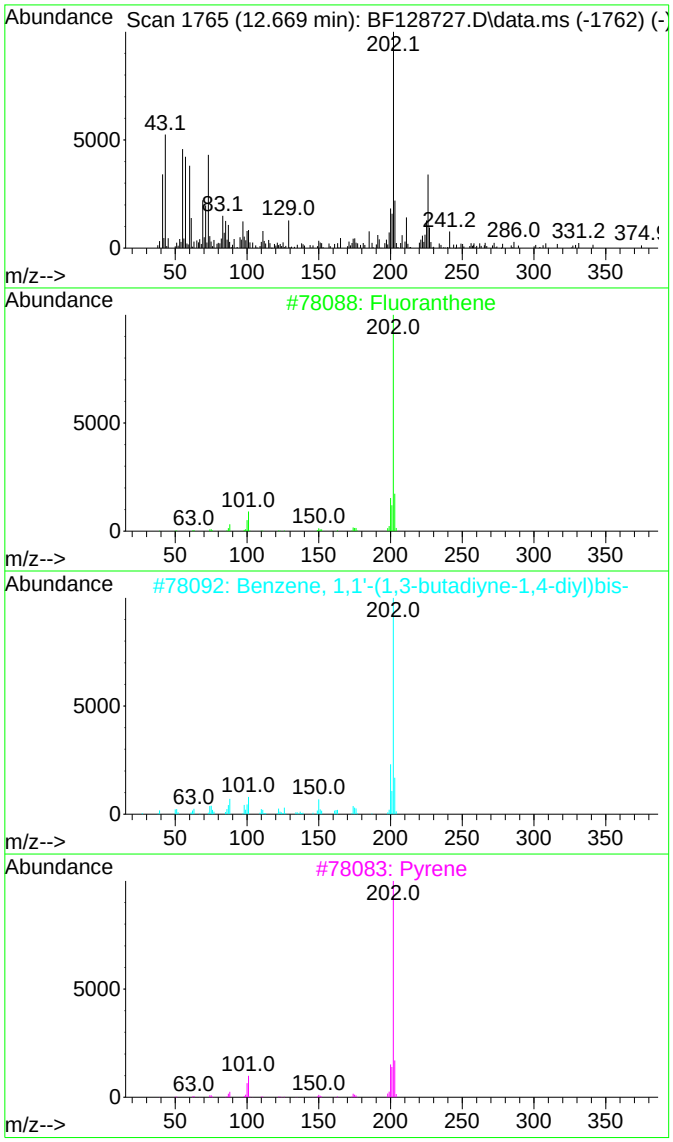
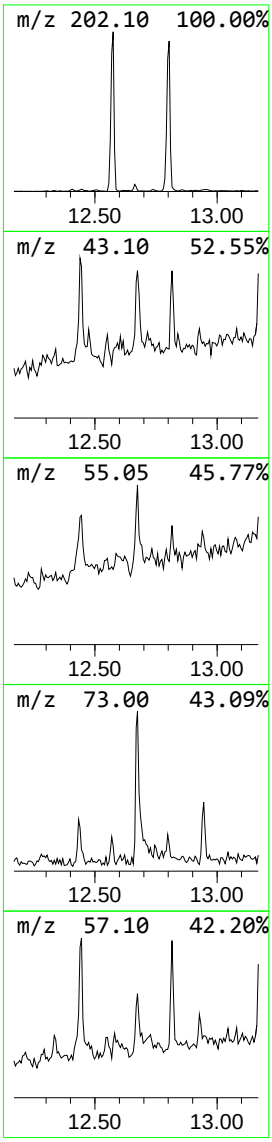
Peak Number 13 unknown12.669 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	5.37 ng	133140	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	60
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	46
3	Pyrene	202	C16H10	000129-00-0	46
4	Fellutanine A, 4TMS	660	C34H52N4O2Si4	1000503-33-1	35
5	Plumbagin, O-methyl-	202	C12H10O3	1000454-49-4	27





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

TIC Library : C:\Database\NIST20.L
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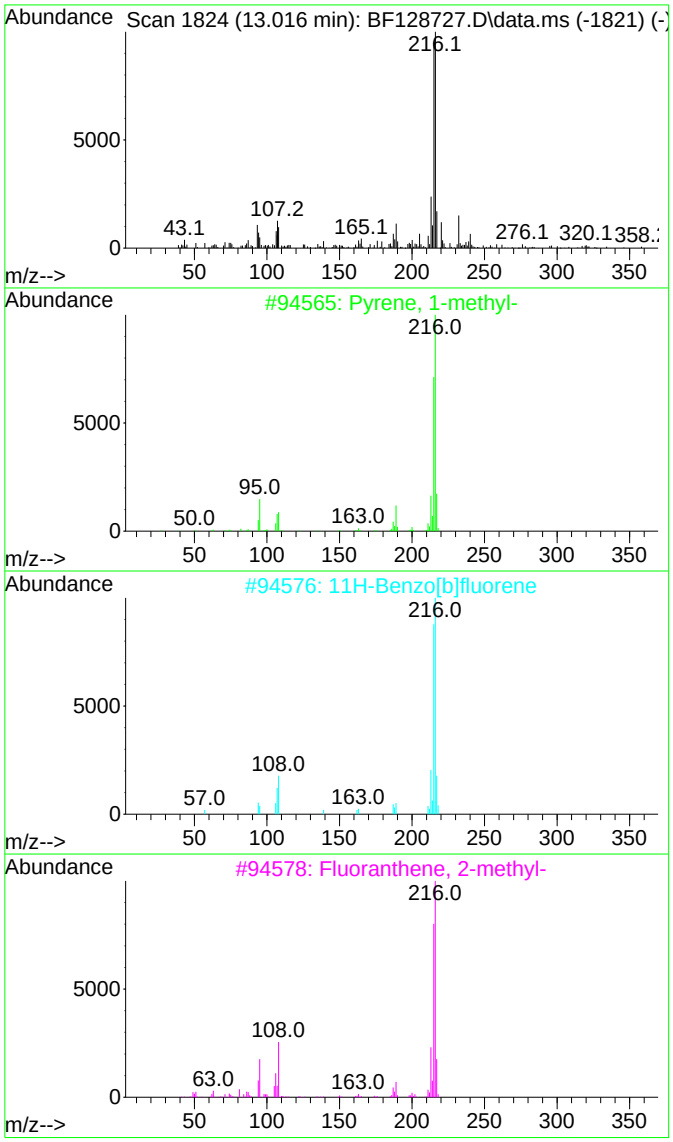
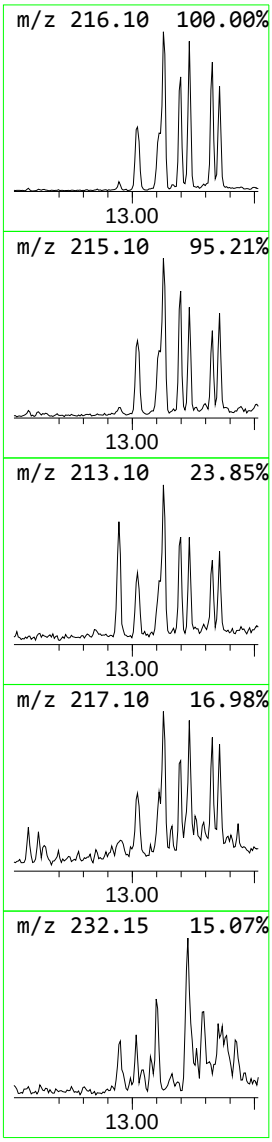
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	4.30 ng	176120	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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ALS Vial : 18 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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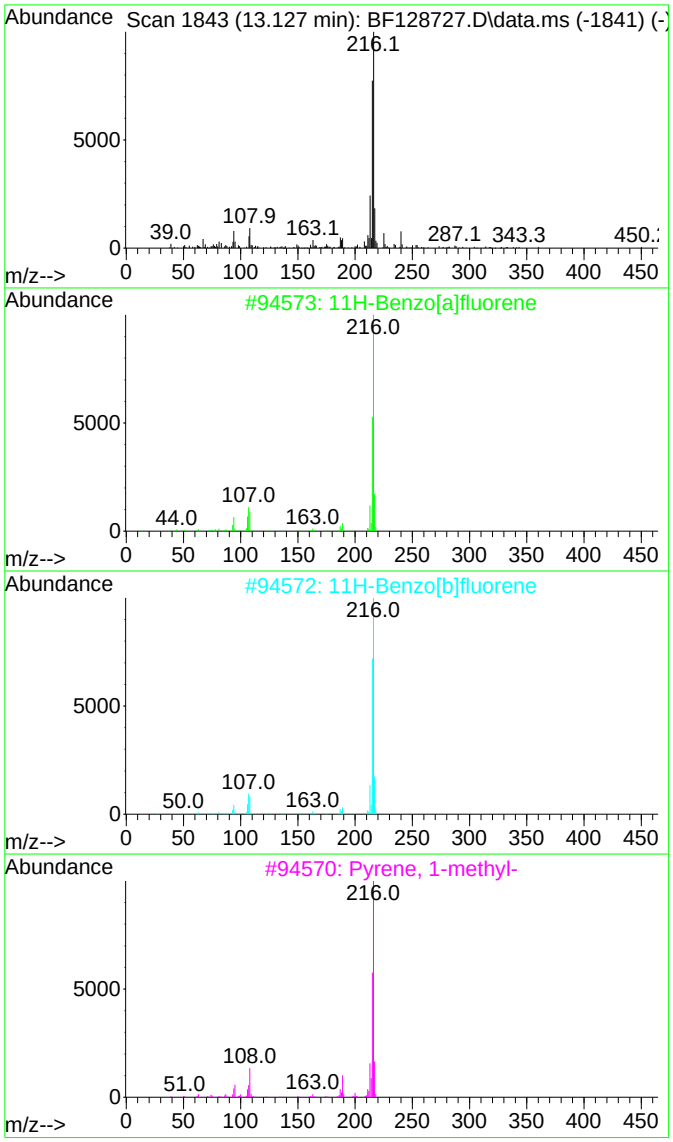
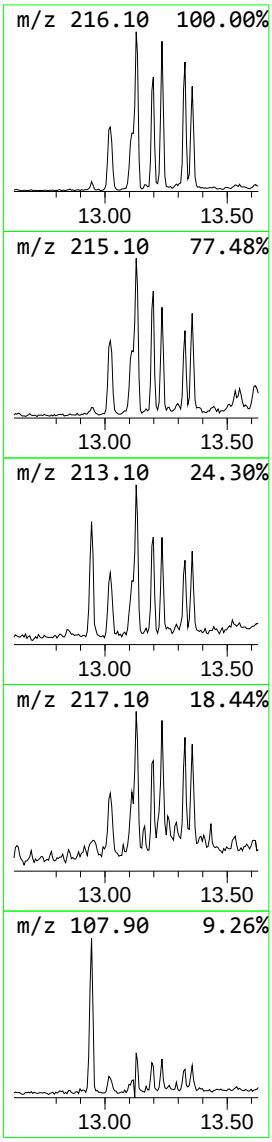
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	4.97 ng	203614	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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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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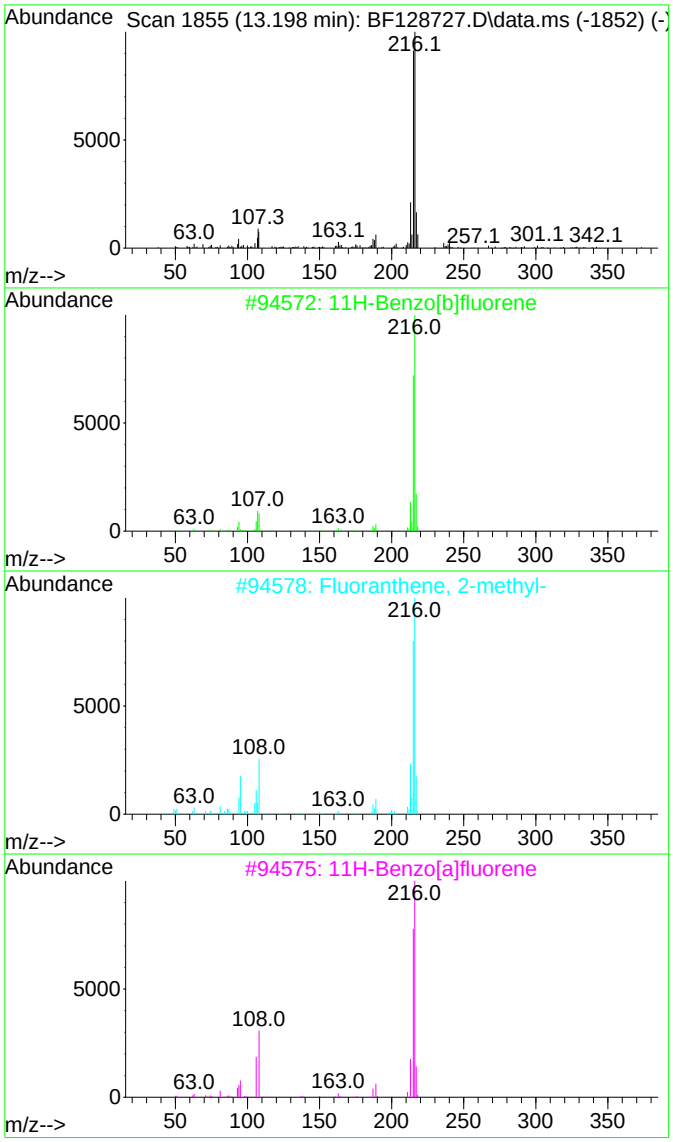
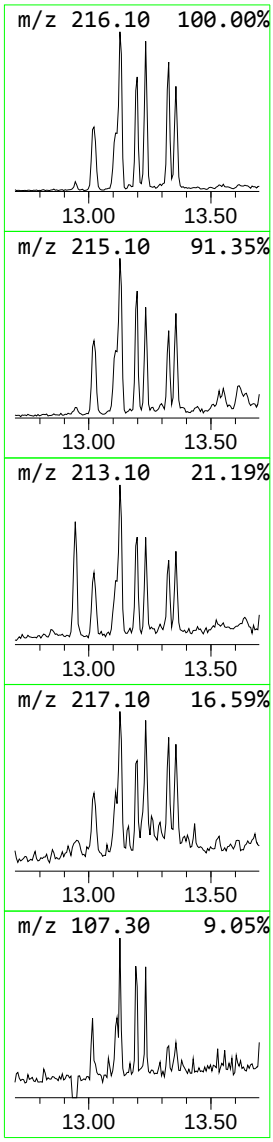
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.31 ng	135710	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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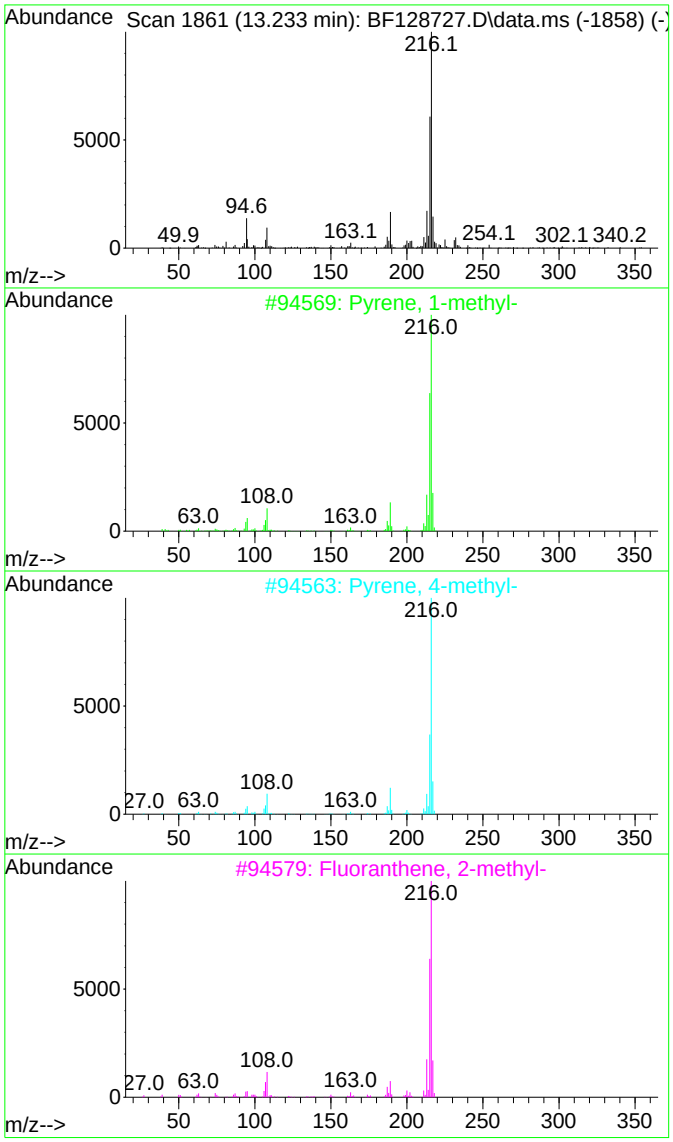
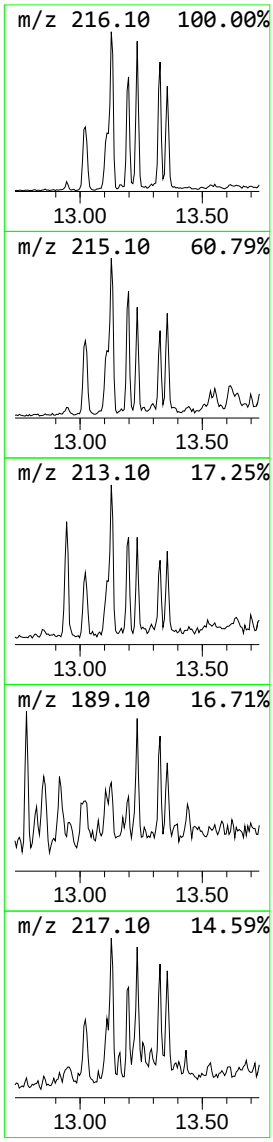
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	4.49 ng	183987	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_F
ClientSampleId :
OK-01-06062022

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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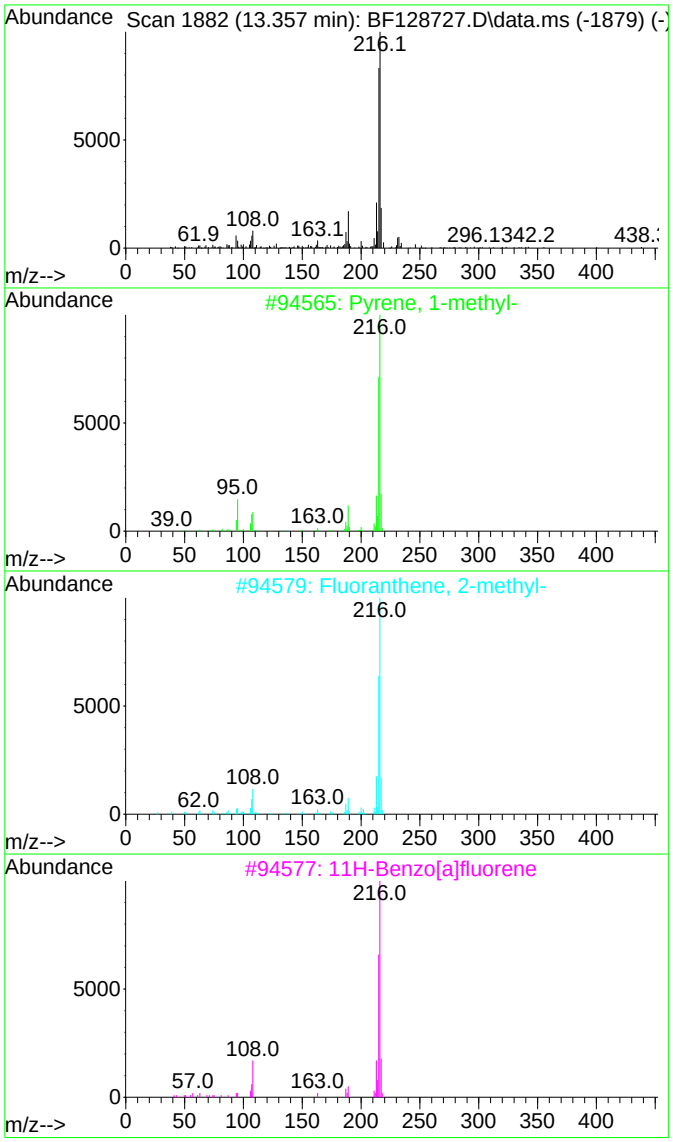
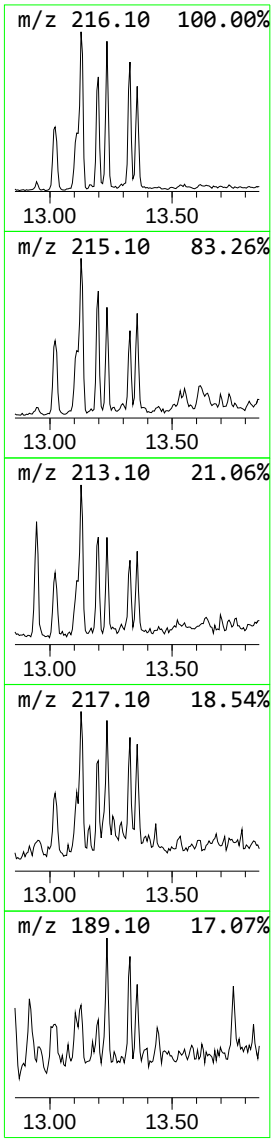
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.357	3.36 ng	137645	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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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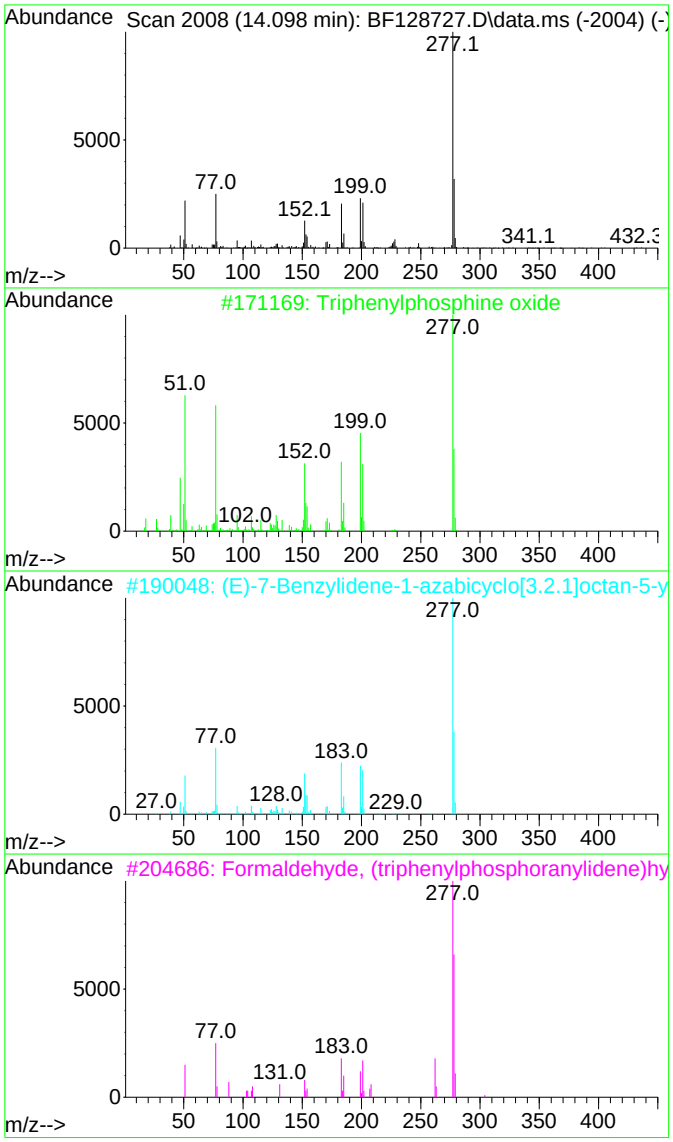
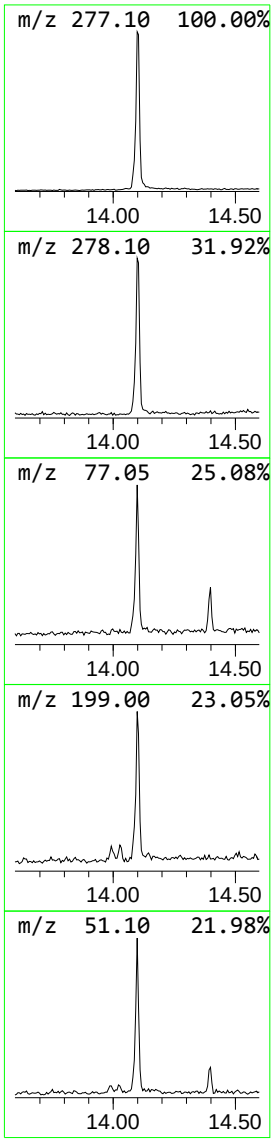
Peak Number 19 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	9.78 ng	401136	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	92
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	80
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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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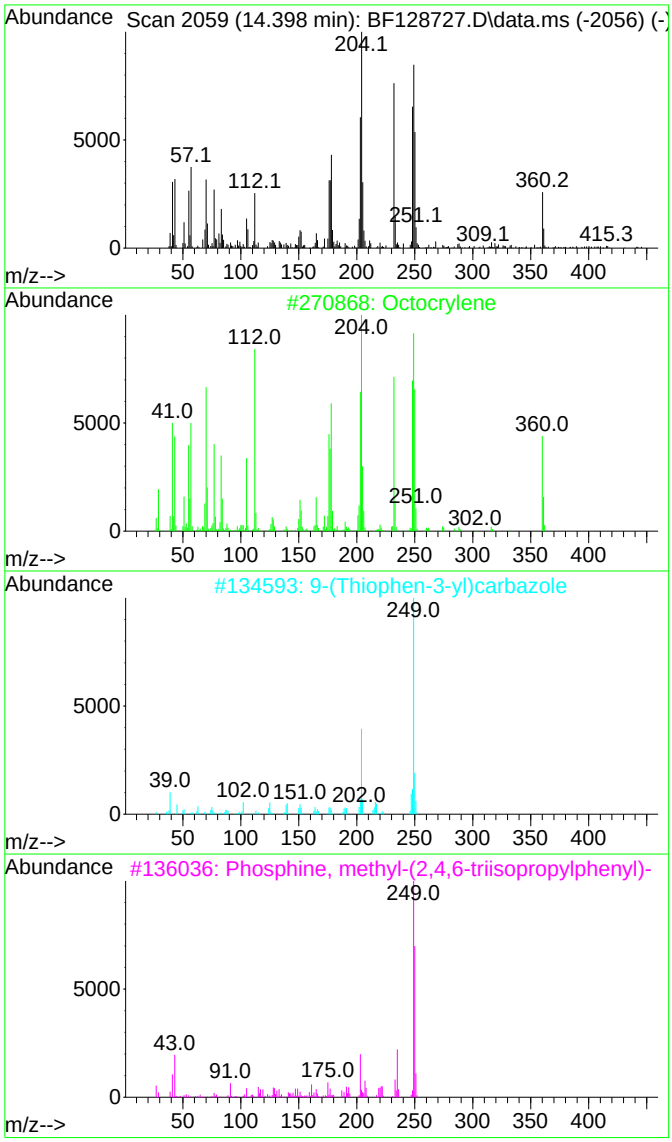
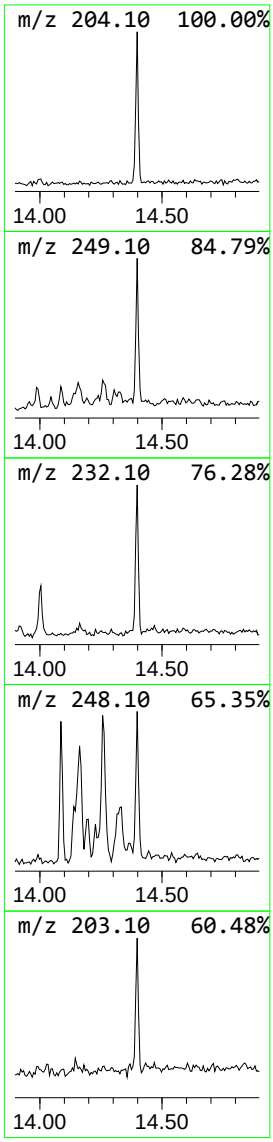
Peak Number 20 Octocrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.398	7.71 ng	316276	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octocrylene	361	C24H27NO2	006197-30-4	91
2	9-(Thiophen-3-yl)carbazole	249	C16H11NS	1165806-09-6	35
3	Phosphine, methyl-(2,4,6-triisop...	250	C16H27P	158748-69-7	30
4	5-fluoro PB-22 7-hydroxyisoquino...	376	C23H21FN2O2	1000457-55-9	25
5	2-Hydrazinyl-5-methyl-6-phenylpy...	249	C14H11N5	1000410-58-9	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
Data File : BF128727.D
Acq On : 07 Jun 2022 20:45
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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
Tridecane	10.769	5.0	ng	124034	4	11.351	495868	20.0
Dibenzothiophene	11.251	5.4	ng	134098	4	11.351	495868	20.0
Anthracene, 2-m...	11.857	7.6	ng	188173	4	11.351	495868	20.0
Phenanthrene, 1...	11.886	17.1	ng	422925	4	11.351	495868	20.0
4H-Cyclopenta[d...	11.969	14.2	ng	351286	4	11.351	495868	20.0
Anthracene, 1-m...	11.992	5.0	ng	123220	4	11.351	495868	20.0
5,16[1',2']:8,1...	12.151	4.5	ng	112105	4	11.351	495868	20.0
9,10-Anthracene...	12.175	4.5	ng	110684	4	11.351	495868	20.0
Phenanthrene, 3...	12.333	3.6	ng	90618	4	11.351	495868	20.0
Phenanthrene, 2...	12.410	9.0	ng	222302	4	11.351	495868	20.0
unknown12.445	12.445	8.1	ng	201763	4	11.351	495868	20.0
9,10-Dimethylan...	12.492	3.5	ng	87245	4	11.351	495868	20.0
unknown12.669	12.669	5.4	ng	133140	4	11.351	495868	20.0
Pyrene, 1-methyl-	13.016	4.3	ng	176120	5	14.004	819928	20.0
11H-Benzo[a]flu...	13.127	5.0	ng	203614	5	14.004	819928	20.0
11H-Benzo[b]flu...	13.198	3.3	ng	135710	5	14.004	819928	20.0
Pyrene, 4-methyl-	13.233	4.5	ng	183987	5	14.004	819928	20.0
Fluoranthene, 2...	13.357	3.4	ng	137645	5	14.004	819928	20.0
Triphenylphosph...	14.098	9.8	ng	401136	5	14.004	819928	20.0
Octocrylene	14.398	7.7	ng	316276	5	14.004	819928	20.0