

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
 Data File : BN022920.D
 Acq On : 28 Nov 2022 15:36
 Operator : CG/JU
 Sample : N5591-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 29 01:12:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

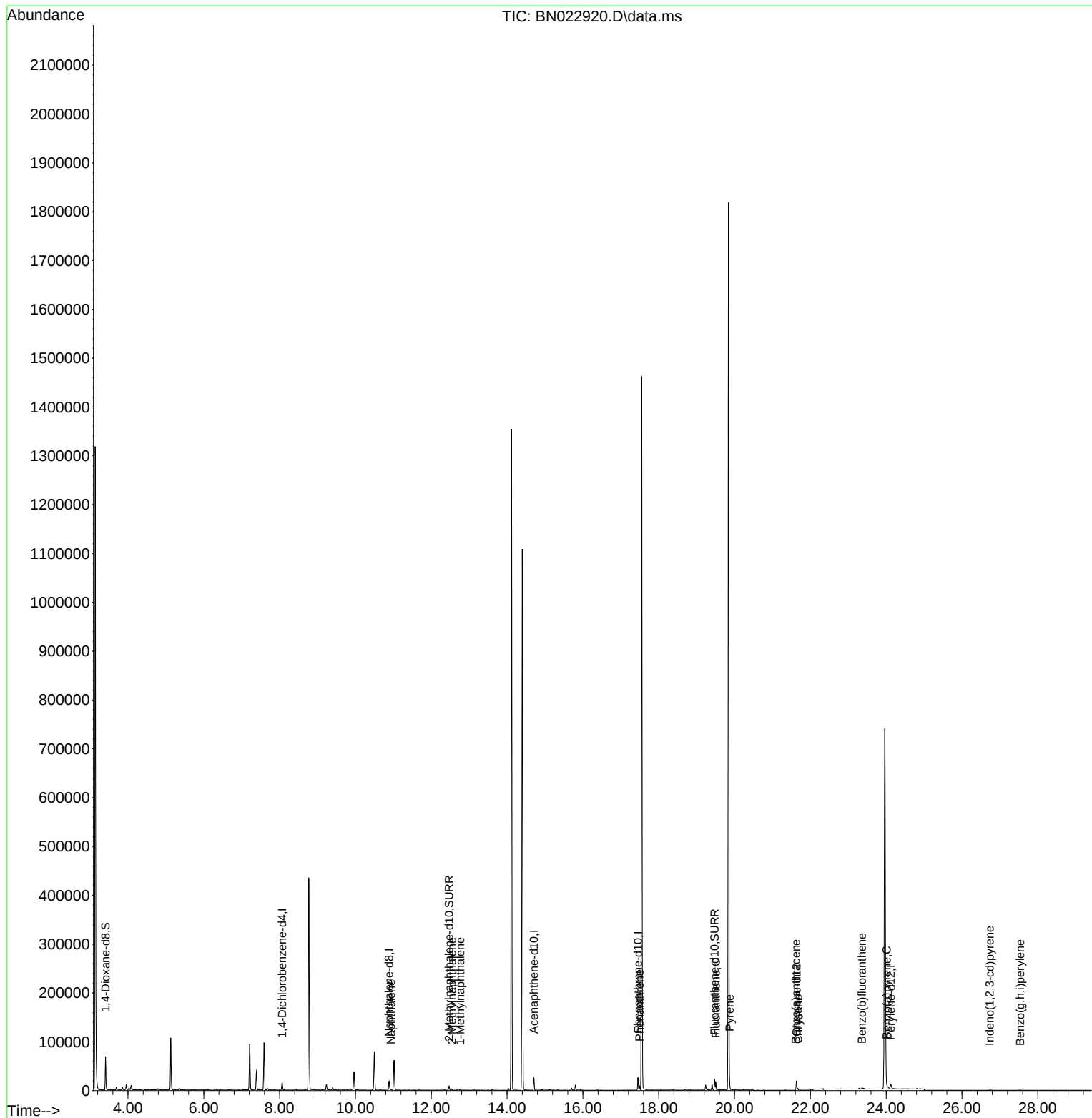
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	7903	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	23864	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.705	164	13483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.453	188	28734	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	17146	0.400	ng/ul	0.00
23) Perylene-d12	24.123	264	12983	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	40865	4.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	9747	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	21167	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.936	128	2710	0.037	ng/ul#	91
7) 2-Methylnaphthalene	12.542	142	1682	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.762	142	1160	0.025	ng/ul	99
15) Phenanthrene	17.491	178	9048	0.092	ng/ul	98
19) Fluoranthene	19.504	202	12430	0.140	ng/ul	96
20) Pyrene	19.866	202	10949	0.126	ng/ul#	91
21) Benzo(a)anthracene	21.617	228	1671	0.025	ng/ul#	87
22) Chrysene	21.673	228	3718	0.052	ng/ul#	94
24) Benzo(b)fluoranthene	23.362	252	5329	0.081	ng/ul#	49
26) Benzo(a)pyrene	24.012	252	1256	0.025	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.729	276	1268	0.021	ng/ul#	100
29) Benzo(g,h,i)perylene	27.534	276	1115	0.021	ng/ul#	56

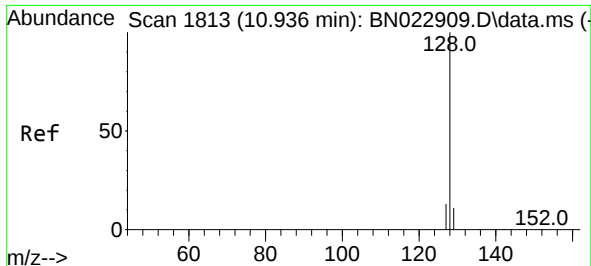
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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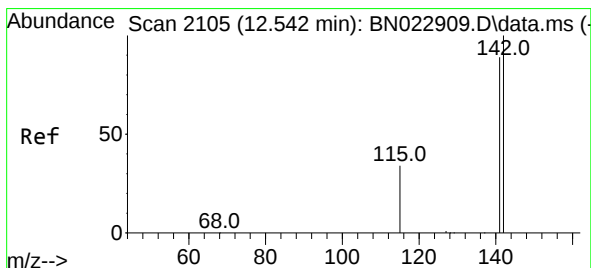
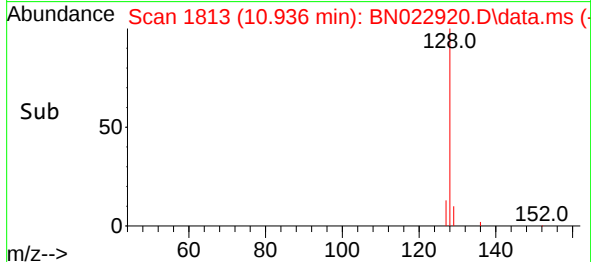
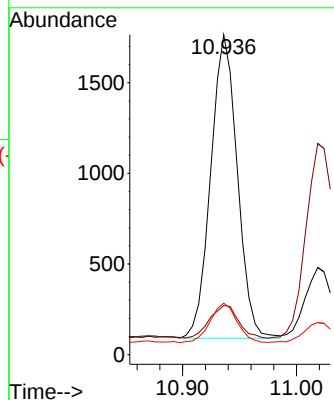
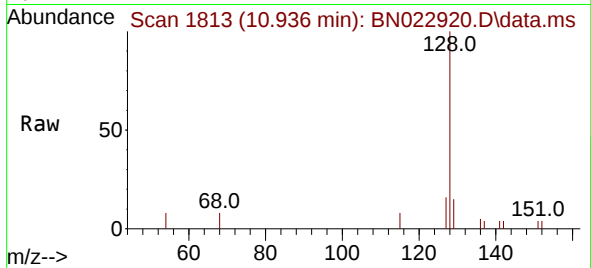




#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

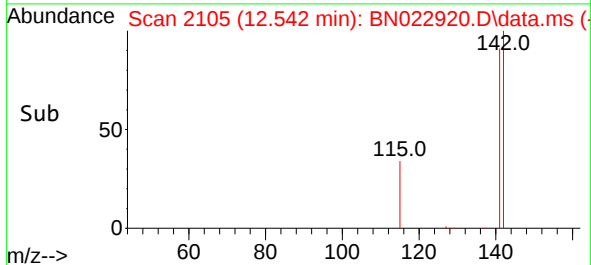
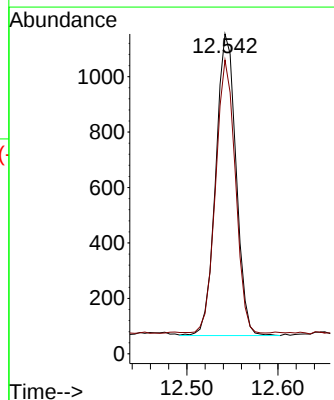
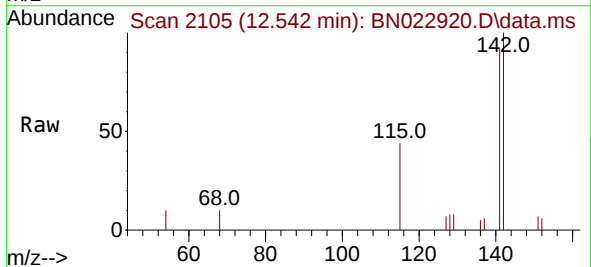
Instrument :
BNA_N
ClientSampleId :

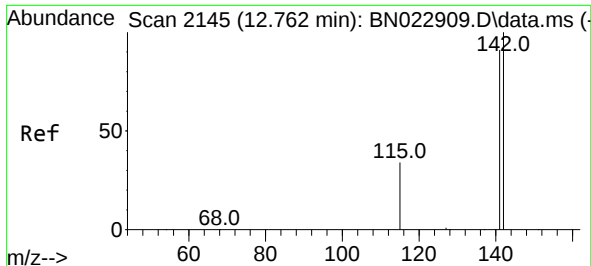
Tgt Ion:128 Resp: 2710
Ion Ratio Lower Upper
128 100
129 15.4 9.0 13.6#
127 16.1 10.6 16.0#



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

Tgt Ion:142 Resp: 1682
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4

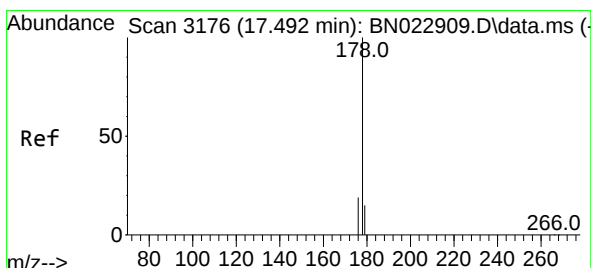
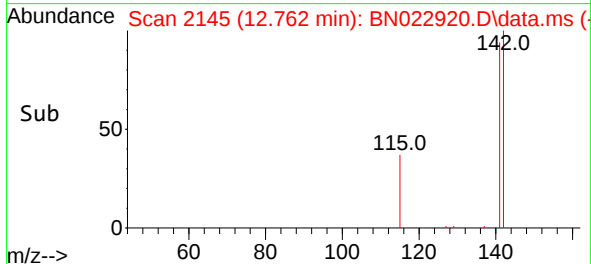
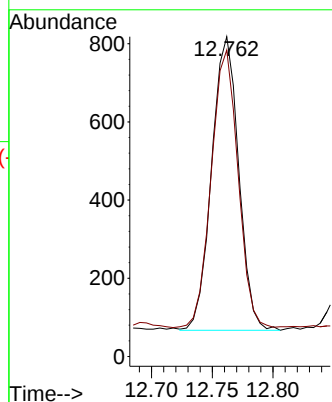
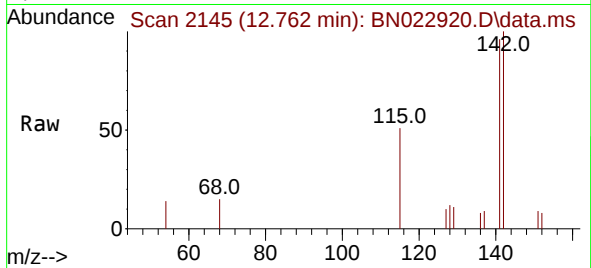




#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

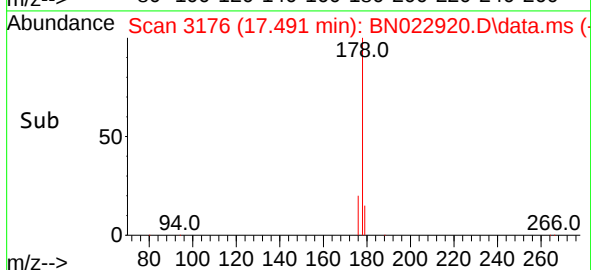
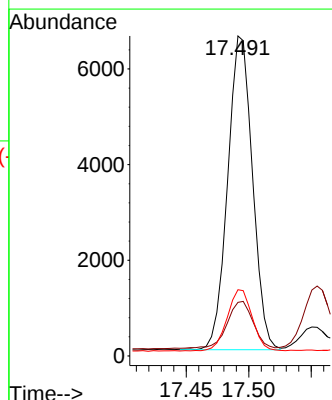
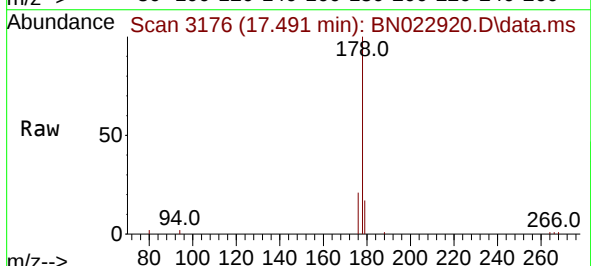
Instrument :
BNA_N
ClientSampleId :

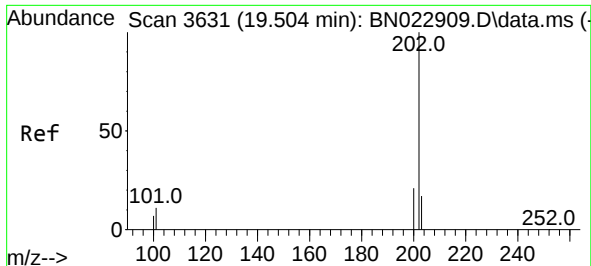
Tgt Ion:142 Resp: 1160
Ion Ratio Lower Upper
142 100
141 93.5 73.8 110.6



#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.491 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

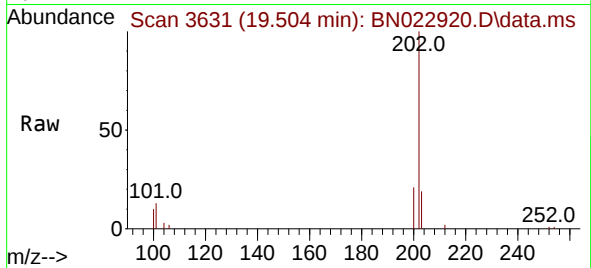
Tgt Ion:178 Resp: 9048
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 20.7 15.9 23.9



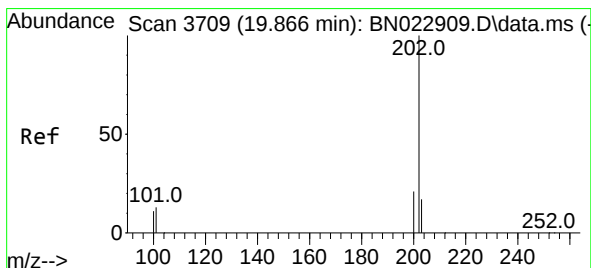
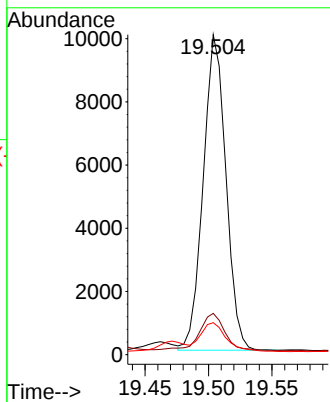
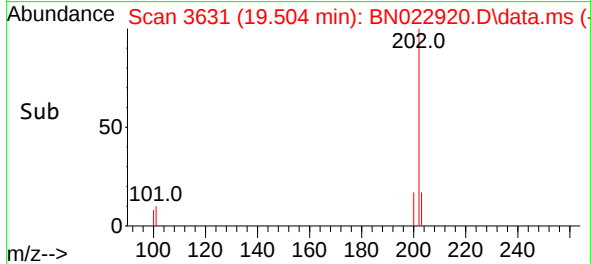


#19
Fluoranthene
Concen: 0.140 ng/u1
RT: 19.504 min Scan# 3631
Delta R.T. -0.005 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

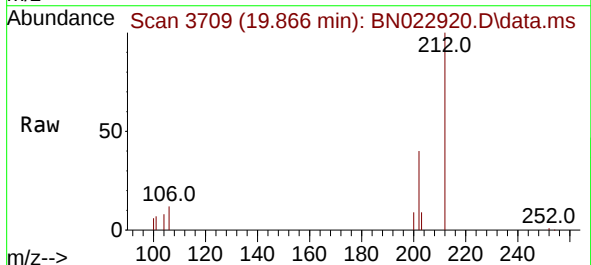
Instrument :
BNA_N
ClientSampleId :



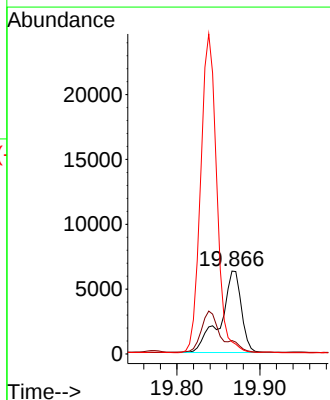
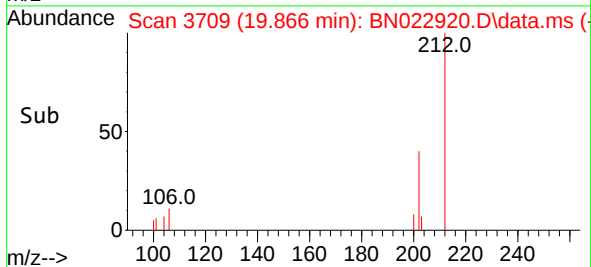
Tgt Ion:202 Resp: 12430
Ion Ratio Lower Upper
202 100
101 12.9 9.2 13.8
100 10.0 6.9 10.3

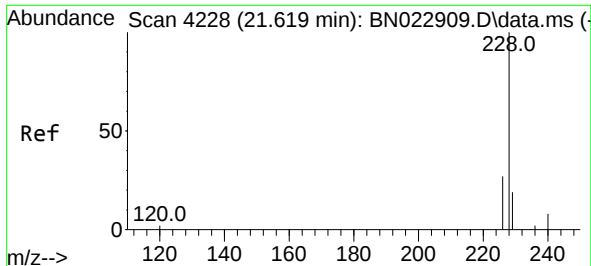


#20
Pyrene
Concen: 0.126 ng/u1
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36



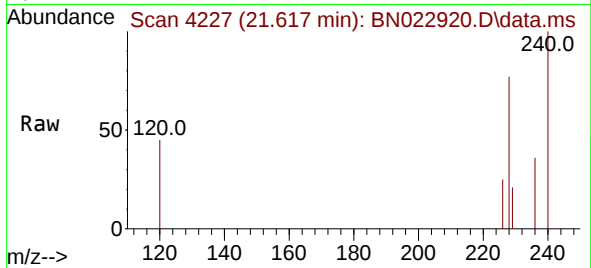
Tgt Ion:202 Resp: 10949
Ion Ratio Lower Upper
202 100
101 16.2 10.6 16.0#
100 14.6 8.2 12.4#



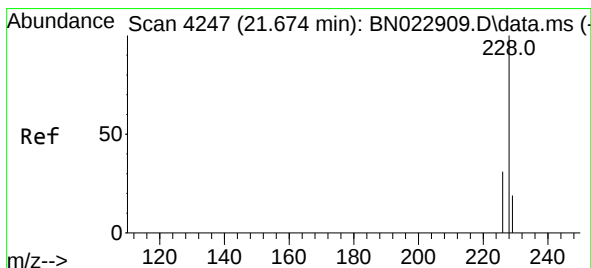
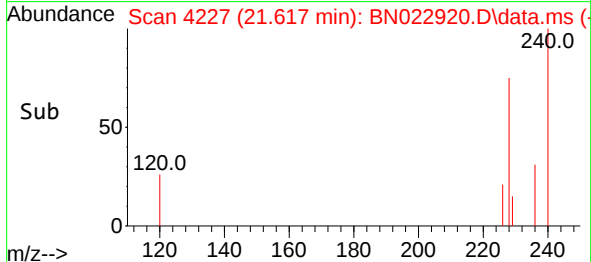
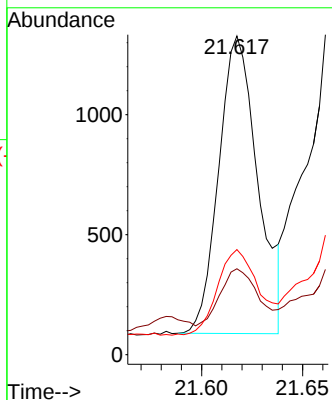


#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.617 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

Instrument :
BNA_N
ClientSampleId :

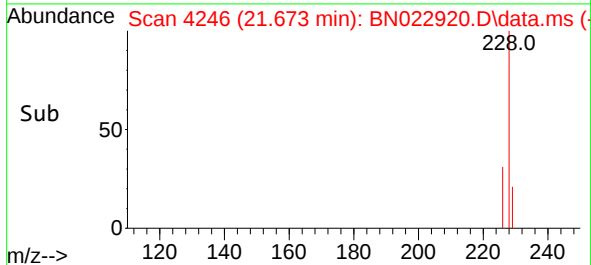
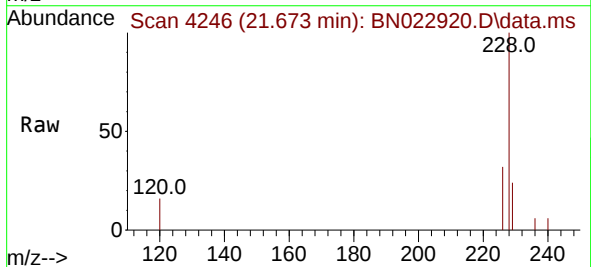
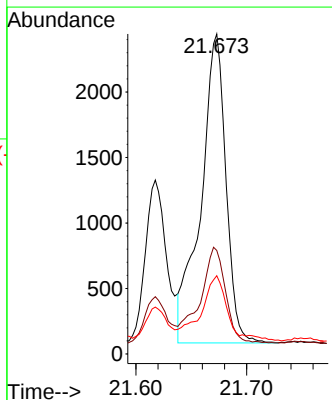


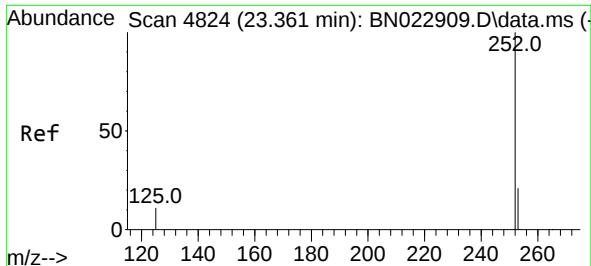
Tgt Ion:228 Resp: 1671
Ion Ratio Lower Upper
228 100
229 27.0 15.5 23.3#
226 33.0 22.2 33.4



#22
Chrysene
Concen: 0.052 ng/ul
RT: 21.673 min Scan# 4246
Delta R.T. -0.001 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

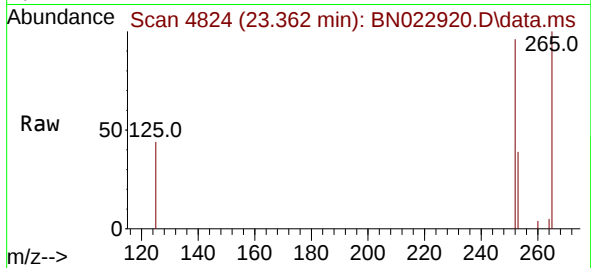
Tgt Ion:228 Resp: 3718
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 24.4 15.8 23.8#



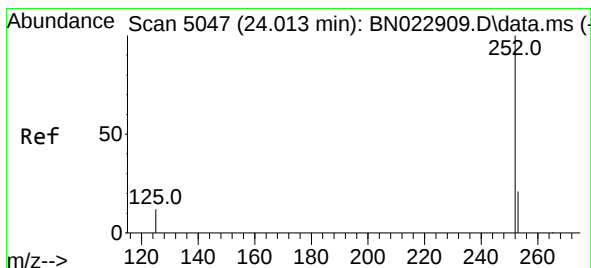
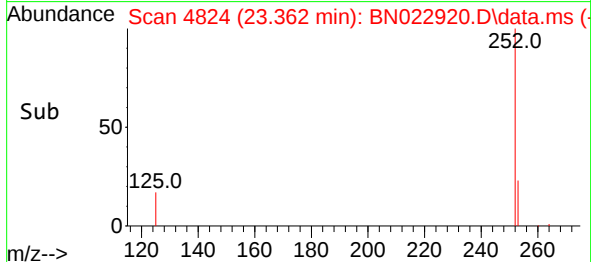
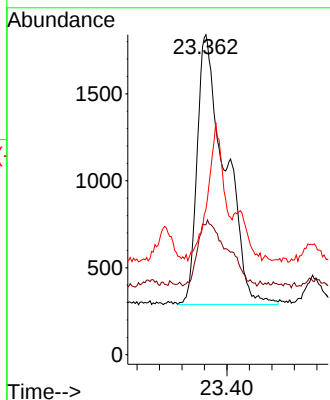


#24
Benzo(b)fluoranthene
Concen: 0.081 ng/ul
RT: 23.362 min Scan# 4824
Delta R.T. -0.001 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

Instrument :
BNA_N
ClientSampleId :

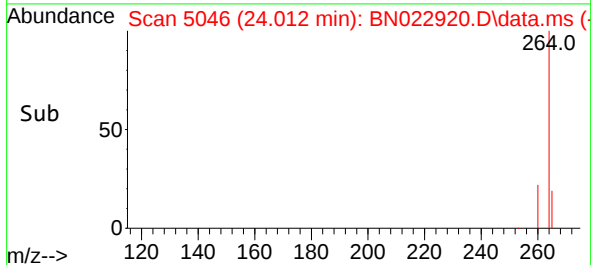
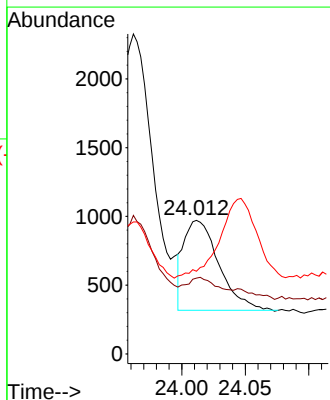
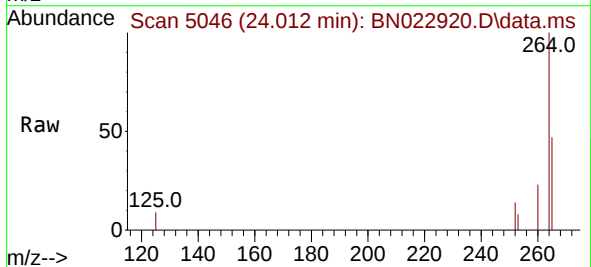


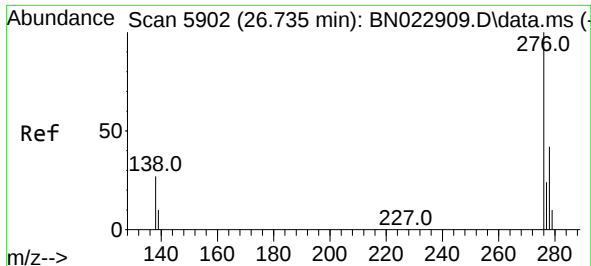
Tgt Ion:252 Resp: 5329
Ion Ratio Lower Upper
252 100
253 40.6 0.0 46.0
125 45.3 0.0 28.6#



#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 24.012 min Scan# 5046
Delta R.T. -0.001 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

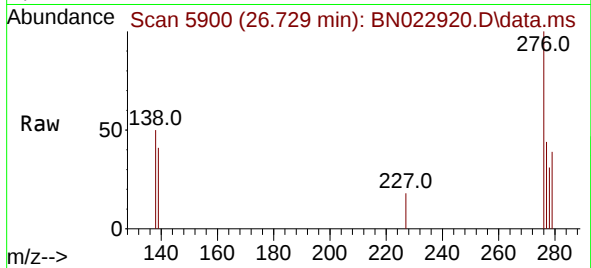
Tgt Ion:252 Resp: 1256
Ion Ratio Lower Upper
252 100
253 56.7 19.7 29.5#
125 61.8 13.7 20.5#



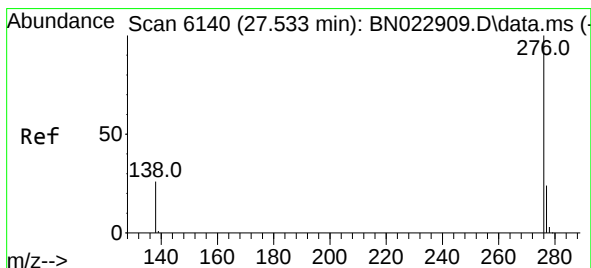
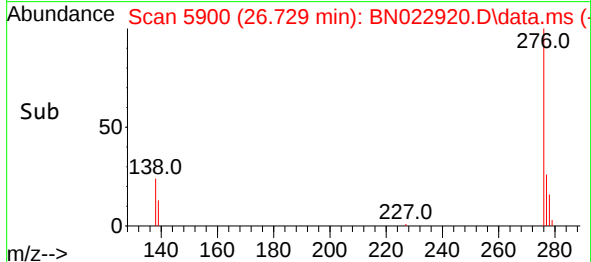
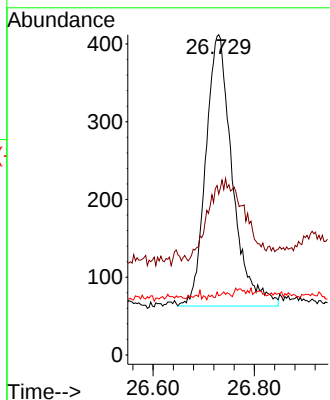


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.729 min Scan# 5902
Delta R.T. -0.012 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

Instrument :
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ClientSampleId :



Tgt Ion:276 Resp: 1268
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.2 0.0 0.0#



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.534 min Scan# 6140
Delta R.T. -0.005 min
Lab File: BN022920.D
Acq: 28 Nov 2022 15:36

Tgt Ion:276 Resp: 1115
Ion Ratio Lower Upper
276 100
138 51.8 22.1 33.1#
277 45.0 19.4 29.2#

