

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023418.D
 Acq On : 24 Dec 2022 19:39
 Operator : CG/JU
 Sample : N6018-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 25 04:19:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

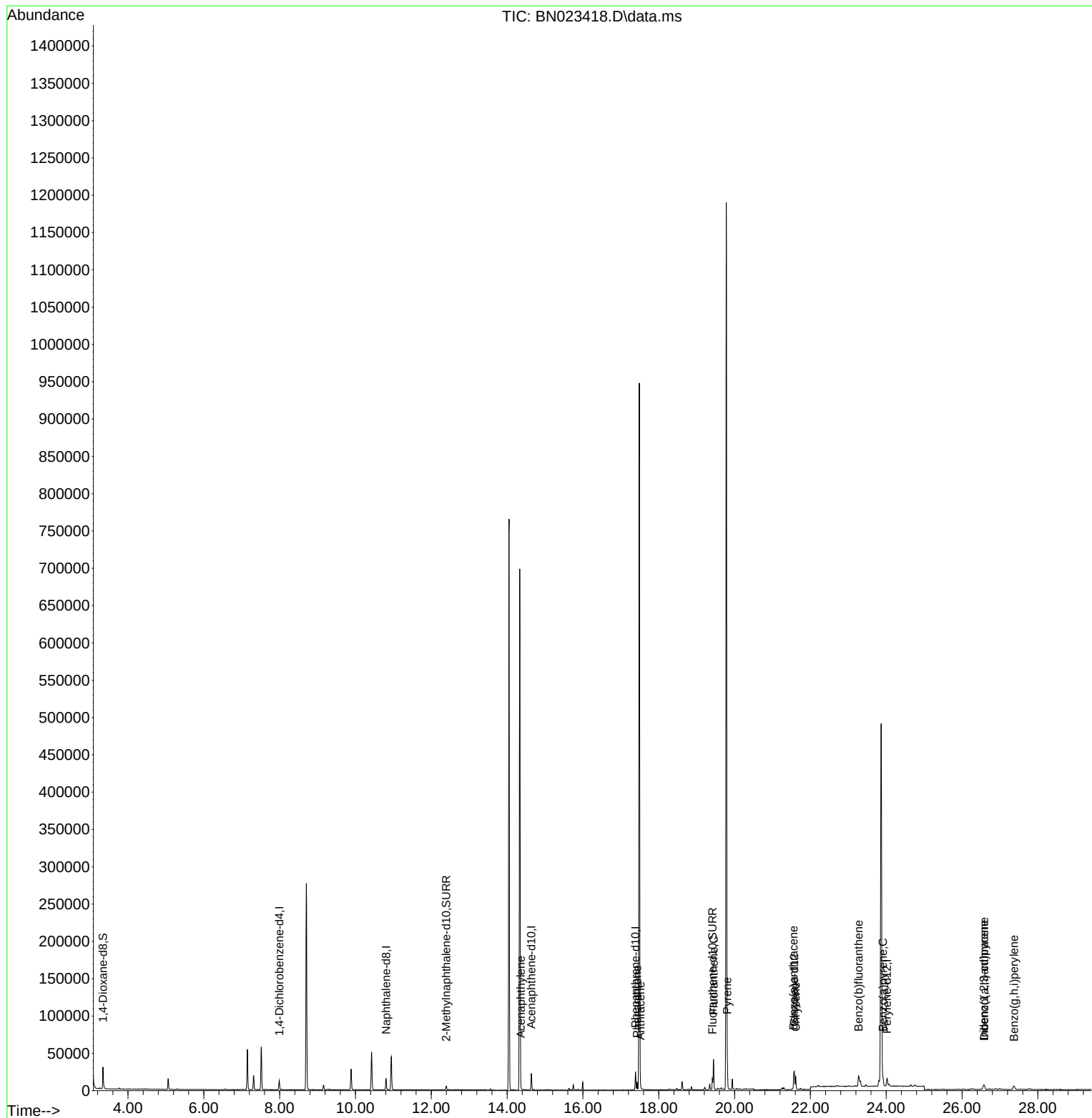
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	5912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	19748	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	11493	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	26819	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18523	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	14549	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19061	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	6301	0.206	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	14462	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.362	152	1066	0.021	ng/ul#	74
15) Phenanthrene	17.427	178	10251	0.117	ng/ul	97
16) Anthracene	17.520	178	1735	0.024	ng/ul#	82
19) Fluoranthene	19.446	202	32285	0.359	ng/ul	96
20) Pyrene	19.809	202	26919	0.297	ng/ul	99
21) Benzo(a)anthracene	21.557	228	14536	0.202	ng/ul	96
22) Chrysene	21.613	228	17299	0.236	ng/ul#	95
24) Benzo(b)fluoranthene	23.273	252	31596	0.420	ng/ul	81
26) Benzo(a)pyrene	23.913	252	14088	0.236	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.577	276	10833	0.156	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.587	278	2740	0.051	ng/ul#	30
29) Benzo(g,h,i)perylene	27.368	276	10854	0.191	ng/ul#	88

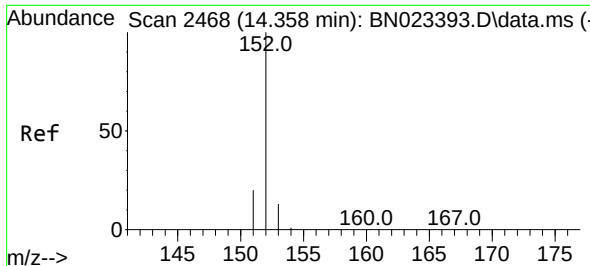
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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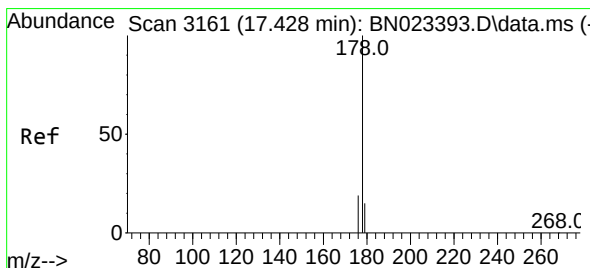
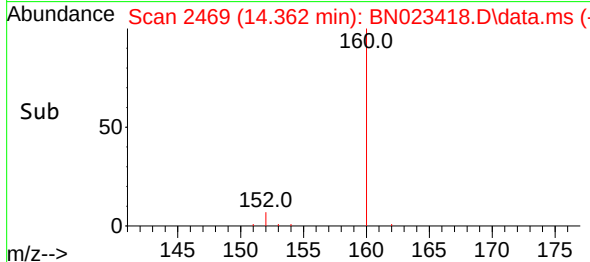
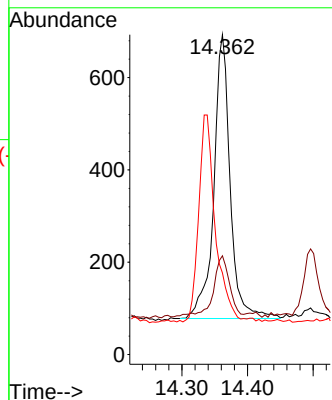
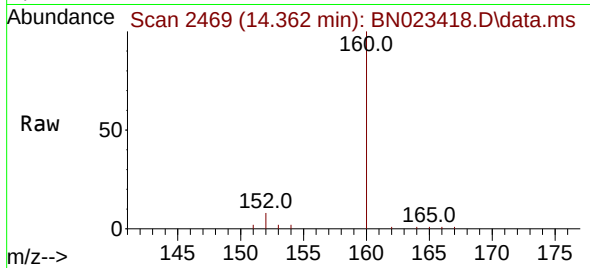




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

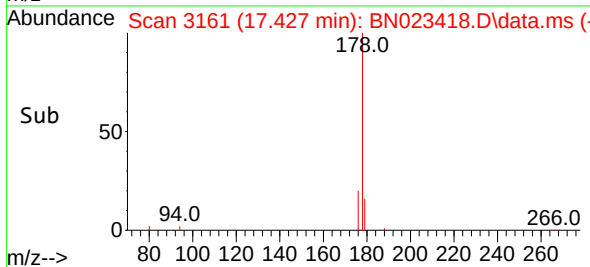
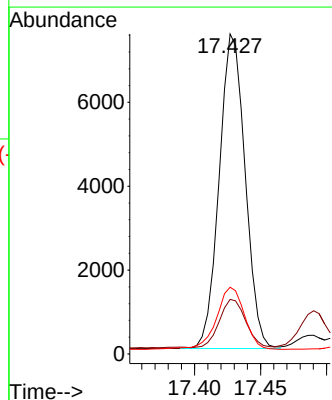
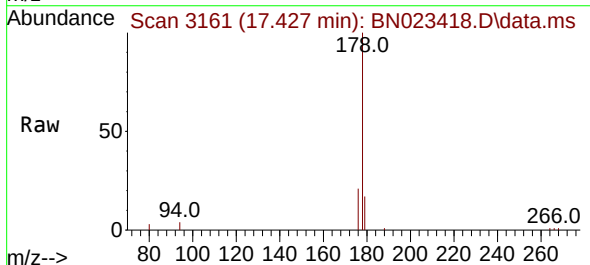
Instrument :
BNA_N
ClientSampleId :

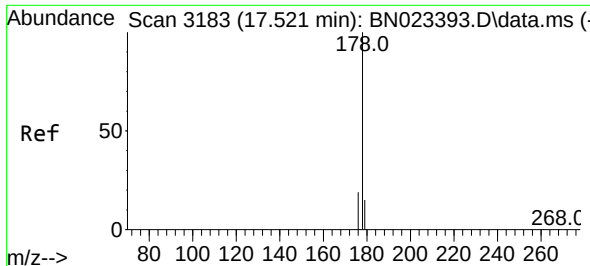
Tgt Ion:152 Resp: 1066
Ion Ratio Lower Upper
152 100
151 30.9 16.1 24.1#
153 25.5 10.9 16.3#



#15
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

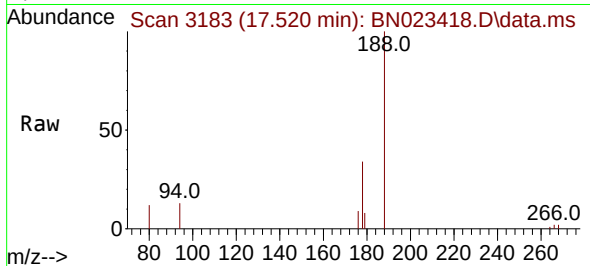
Tgt Ion:178 Resp: 10251
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 20.8 15.7 23.5



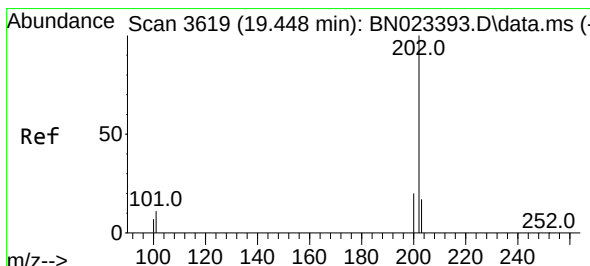
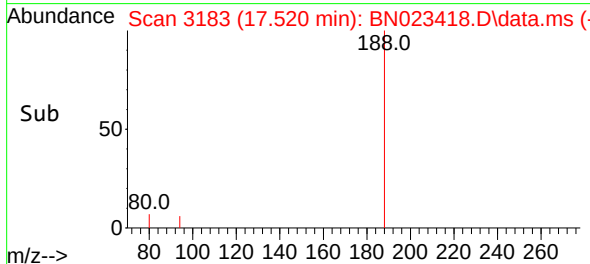
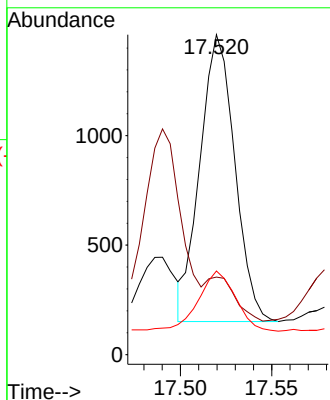


#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.520 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Instrument :
 BNA_N
 ClientSampleId :

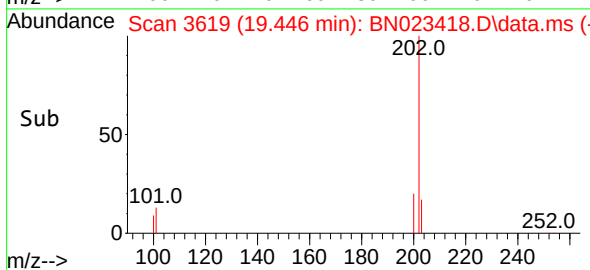
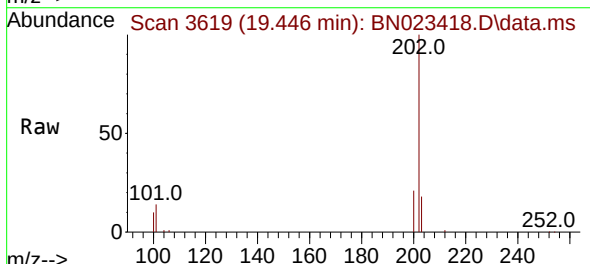
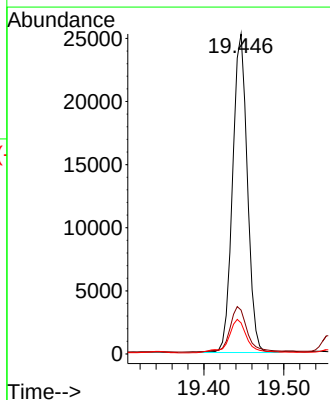


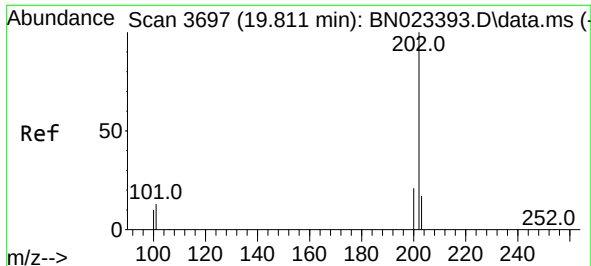
Tgt Ion:178 Resp: 1735
 Ion Ratio Lower Upper
 178 100
 179 24.2 12.6 18.8#
 176 26.1 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.359 ng/ul
 RT: 19.446 min Scan# 3619
 Delta R.T. -0.003 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Tgt Ion:202 Resp: 32285
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.4 14.2
 100 9.7 7.0 10.6

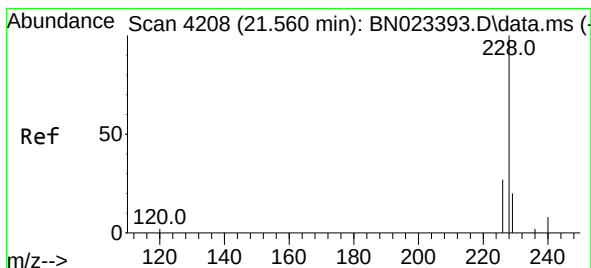
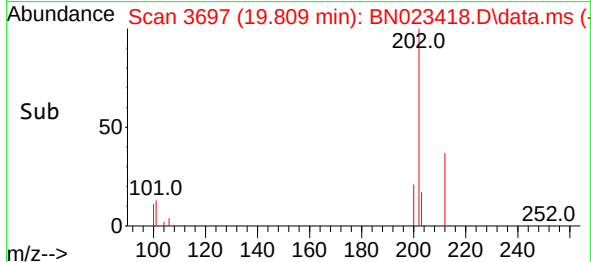
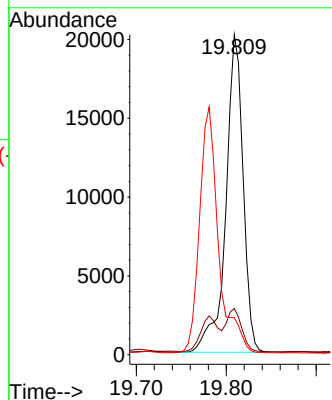
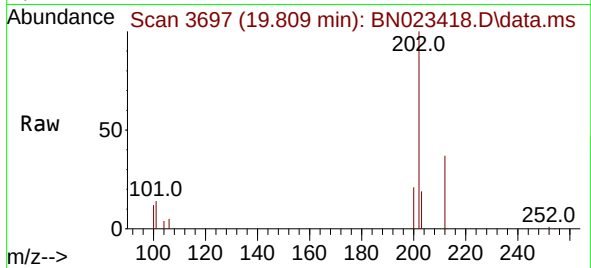




#20
Pyrene
Concen: 0.297 ng/ul
RT: 19.809 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

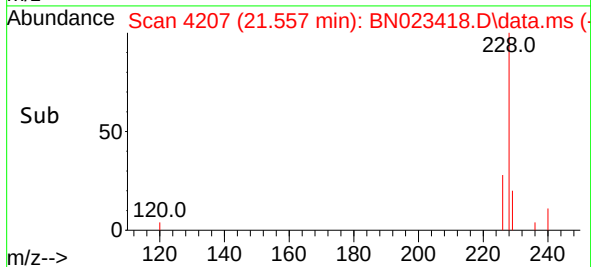
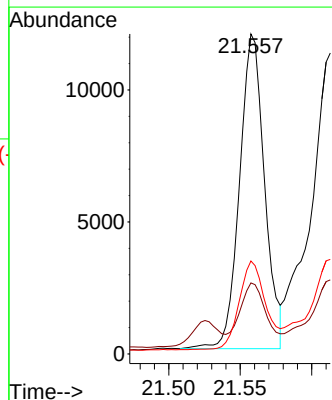
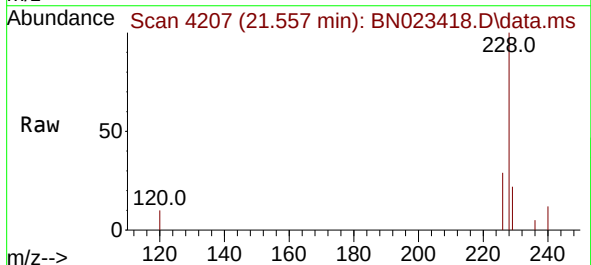
Instrument :
BNA_N
ClientSampleId :

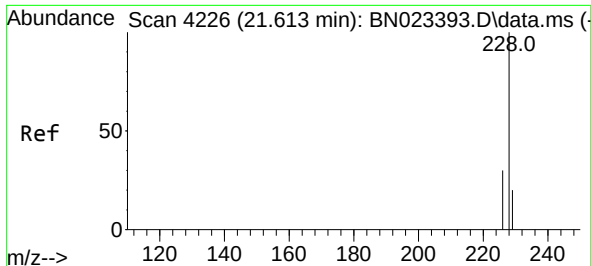
Tgt Ion:202 Resp: 26919
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.6 9.0 13.4



#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

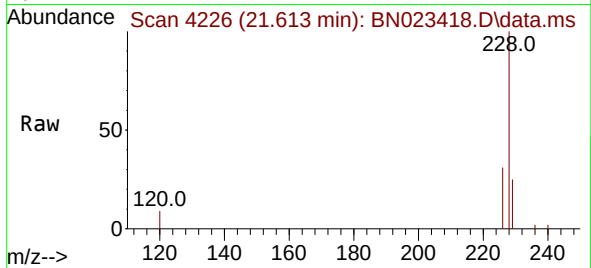
Tgt Ion:228 Resp: 14536
Ion Ratio Lower Upper
228 100
229 22.2 15.6 23.4
226 29.0 22.2 33.2



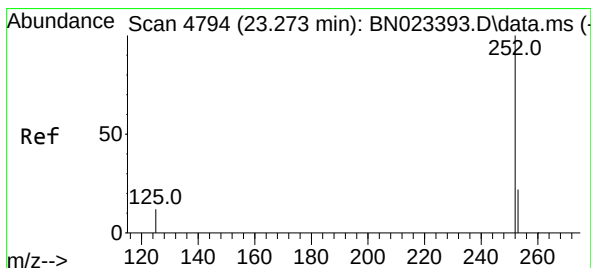
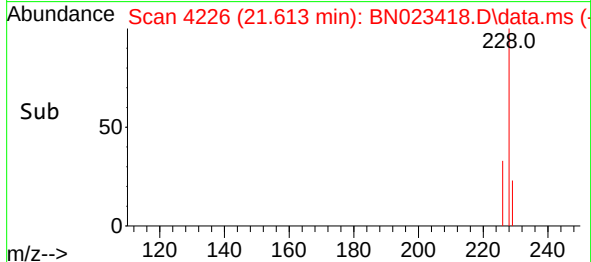
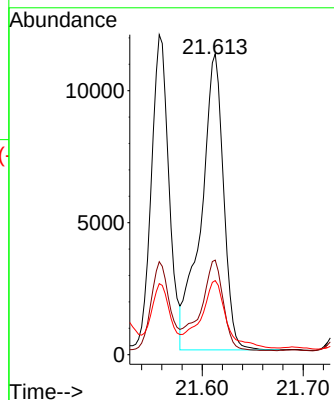


#22
Chrysene
Concen: 0.236 ng/ul
RT: 21.613 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

Instrument :
BNA_N
ClientSampleId :

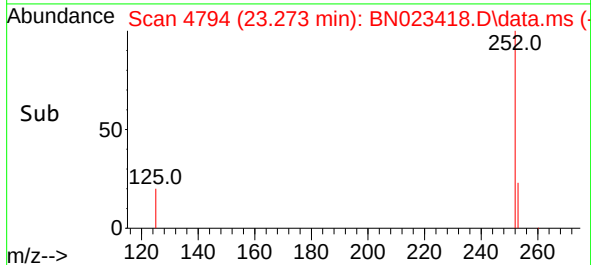
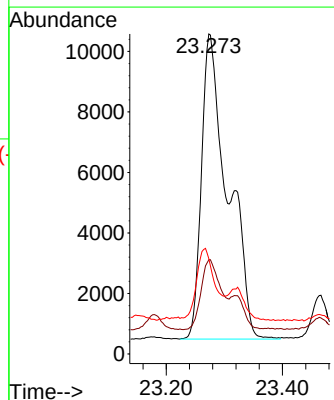
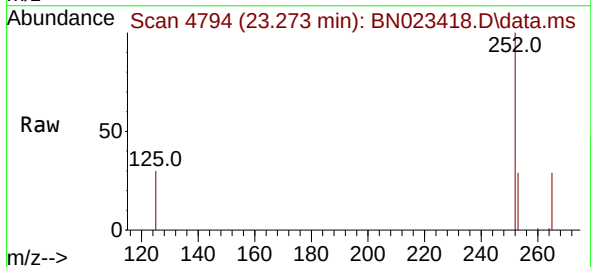


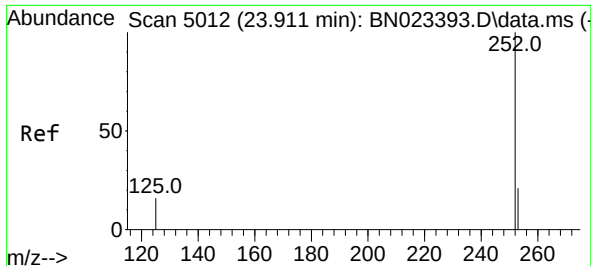
Tgt Ion:228 Resp: 17299
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 24.6 15.8 23.6#



#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

Tgt Ion:252 Resp: 31596
Ion Ratio Lower Upper
252 100
253 29.5 0.0 49.2
125 29.7 0.0 31.8

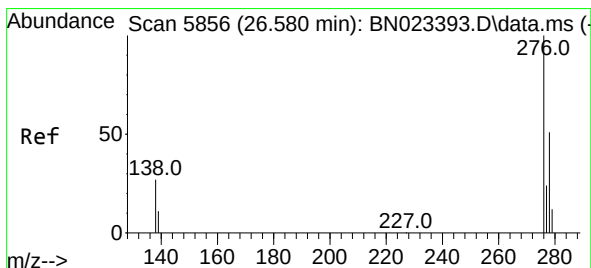
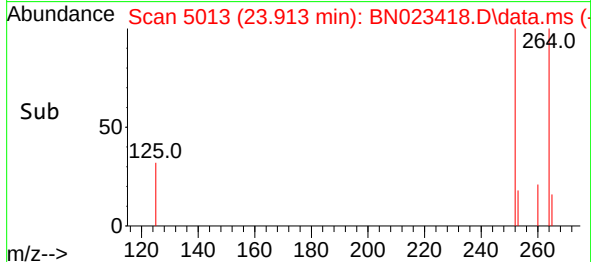
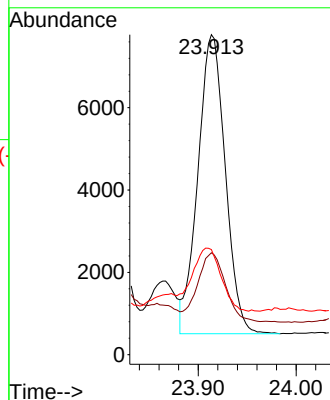
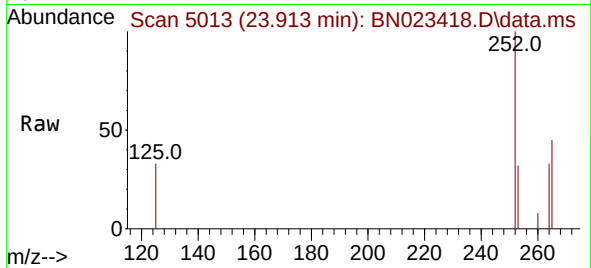




#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.913 min Scan# 5012
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

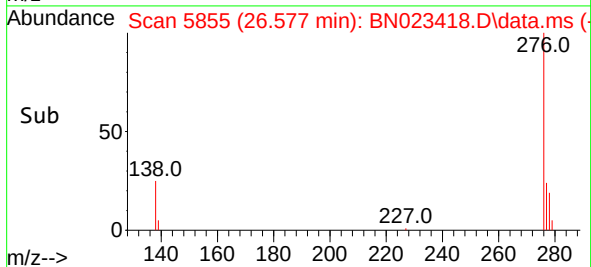
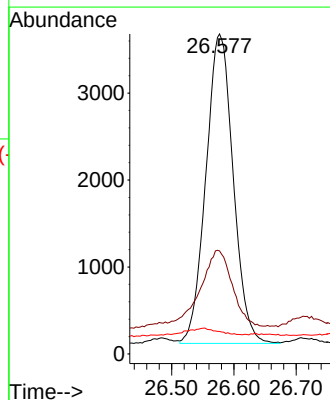
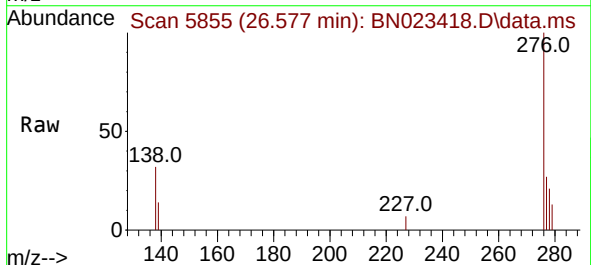
Instrument :
BNA_N
ClientSampleId :

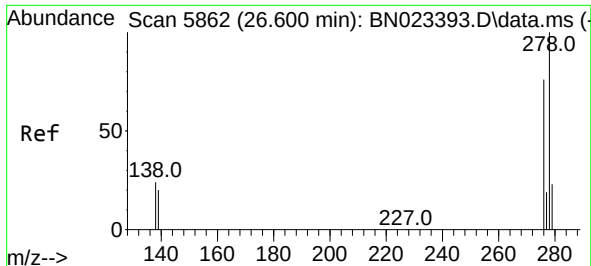
Tgt Ion:252 Resp: 14088
Ion Ratio Lower Upper
252 100
253 31.9 21.4 32.2
125 32.9 16.2 24.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

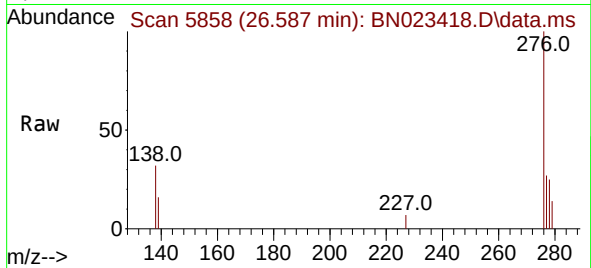
Tgt Ion:276 Resp: 10833
Ion Ratio Lower Upper
276 100
138 31.7 23.4 35.2
227 0.0 0.0 0.0



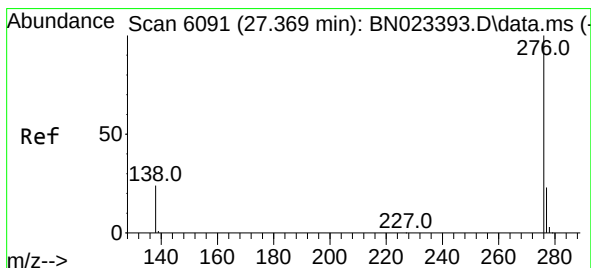
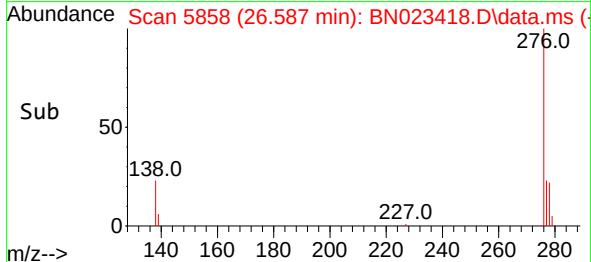
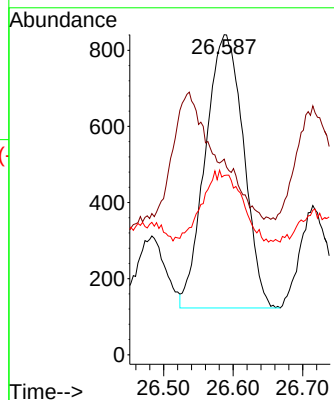


#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 26.587 min Scan# 5858
 Delta R.T. -0.014 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 2740
 Ion Ratio Lower Upper
 278 100
 139 61.1 16.6 24.8#
 279 56.0 21.3 31.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.191 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. -0.001 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Tgt Ion:276 Resp: 10854
 Ion Ratio Lower Upper
 276 100
 138 34.0 20.3 30.5#
 277 27.6 19.7 29.5

