

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020403.D
 Acq On : 24 Jun 2022 18:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 25 00:55:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

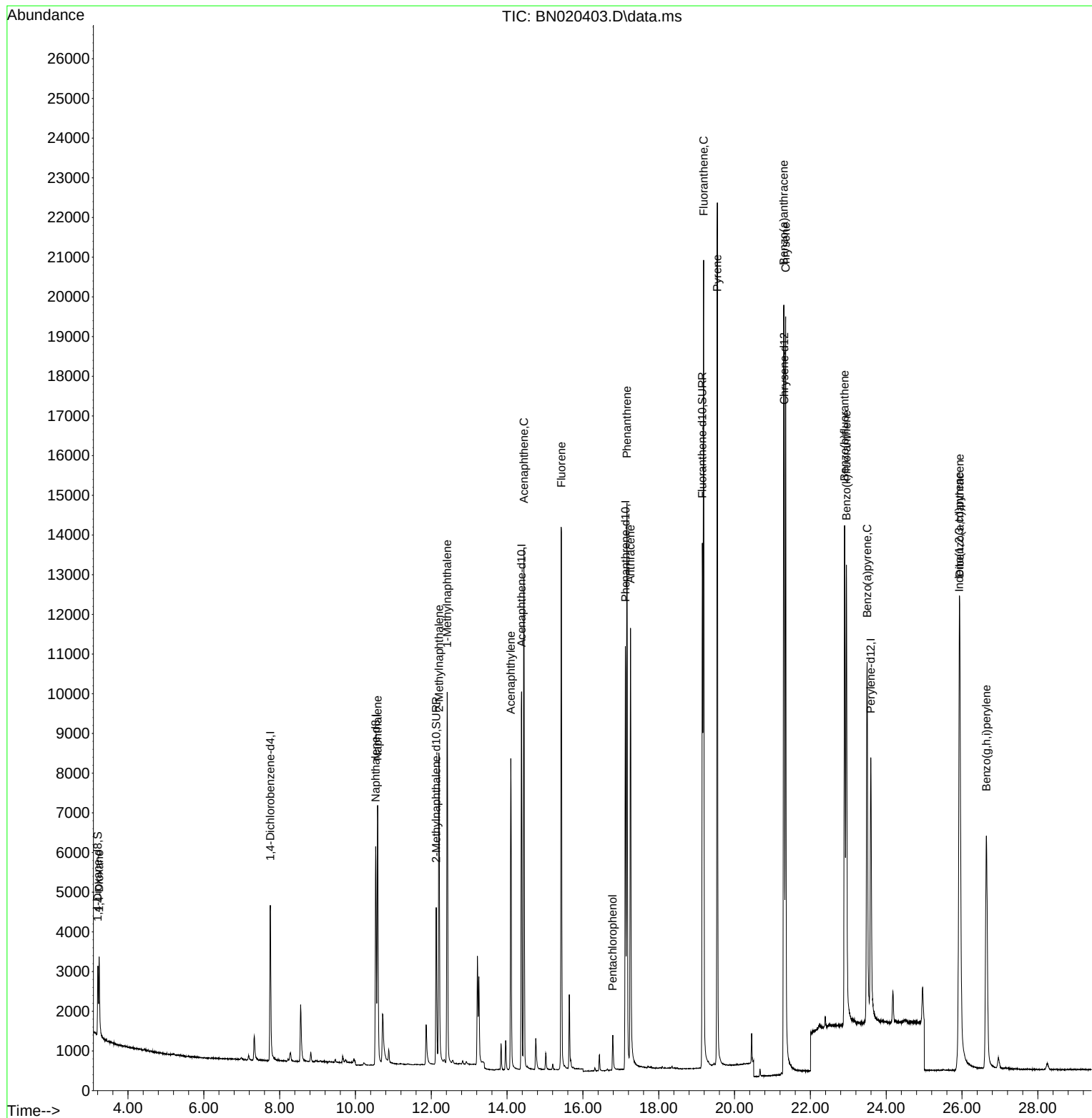
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2492	0.400	ng/u1	0.00
4) Naphthalene-d8	10.534	136	8211	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.381	164	5499	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.120	188	12738	0.400	ng/u1	0.00
17) Chrysene-d12	21.310	240	11587	0.400	ng/u1	0.00
23) Perylene-d12	23.593	264	9673	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	1223	0.424	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.129	152	5777	0.429	ng/u1	0.00
18) Fluoranthene-d10	19.150	212	15169	0.397	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1266	0.429	ng/u1	95
5) Naphthalene	10.584	128	9667	0.381	ng/u1	99
7) 2-Methylnaphthalene	12.206	142	6449	0.380	ng/u1	99
8) 1-Methylnaphthalene	12.421	142	6965	0.433	ng/u1	100
10) Acenaphthylene	14.099	152	9764	0.375	ng/u1	99
11) Acenaphthene	14.441	153	7856	0.377	ng/u1	99
12) Fluorene	15.431	166	9267	0.375	ng/u1	100
14) Pentachlorophenol	16.786	266	733	0.285	ng/u1	99
15) Phenanthrene	17.162	178	16458	0.372	ng/u1	100
16) Anthracene	17.255	178	14097	0.369	ng/u1	100
19) Fluoranthene	19.182	202	18717	0.354	ng/u1	99
20) Pyrene	19.545	202	19452	0.354	ng/u1	100
21) Benzo(a)anthracene	21.296	228	15363	0.369	ng/u1	99
22) Chrysene	21.348	228	17606	0.380	ng/u1	100
24) Benzo(b)fluoranthene	22.903	252	16502	0.369	ng/u1	99
25) Benzo(k)fluoranthene	22.950	252	16939	0.375	ng/u1	99
26) Benzo(a)pyrene	23.496	252	15344	0.377	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	25.927	276	15968	0.394	ng/u1	98
28) Dibenzo(a,h)anthracene	25.941	278	12920	0.395	ng/u1	98
29) Benzo(g,h,i)perylene	26.642	276	13602	0.391	ng/u1	99

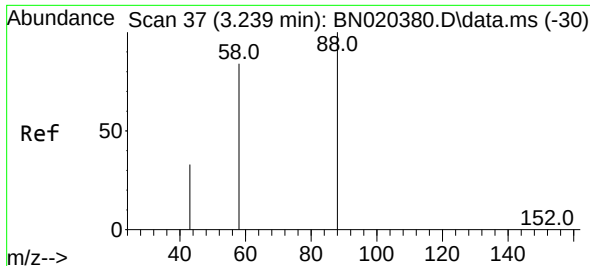
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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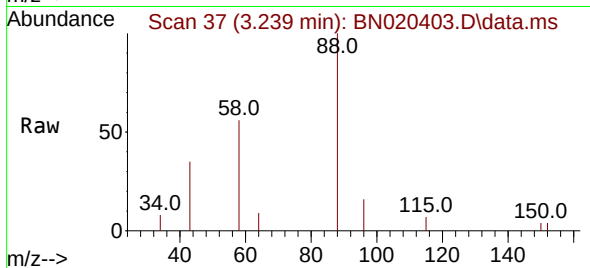
Quant Time: Jun 25 00:55:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:17:34 2022
Response via : Initial Calibration



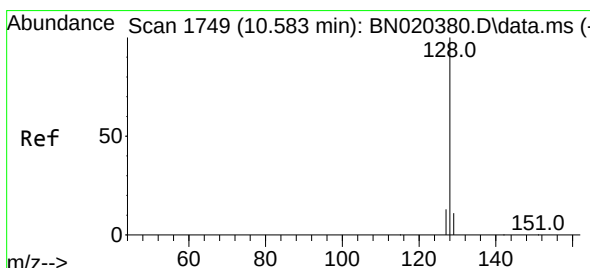
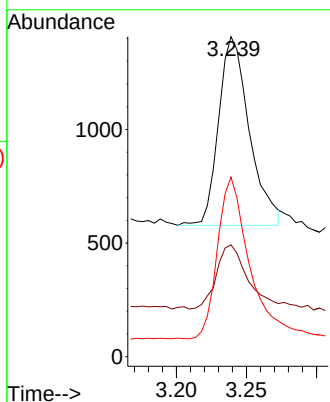
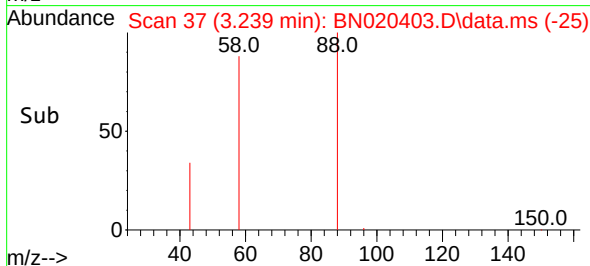


#2
 1,4-Dioxane
 Concen: 0.429 ng/ul
 RT: 3.239 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN020403.D
 Acq: 24 Jun 2022 18:28

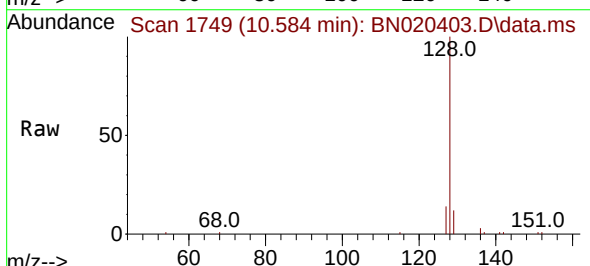
Instrument :
 BNA_N
 ClientSampleId :



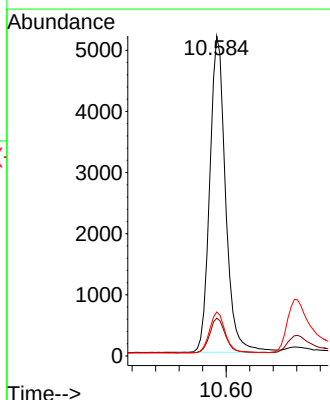
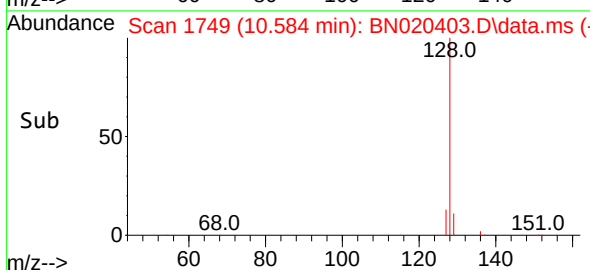
Tgt Ion: 88 Resp: 1266
 Ion Ratio Lower Upper
 88 100
 43 34.9 32.5 48.7
 58 56.1 46.2 69.2

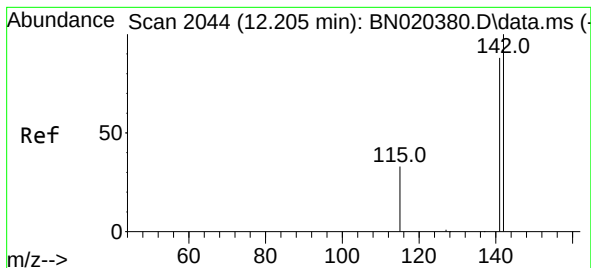


#5
 Naphthalene
 Concen: 0.381 ng/ul
 RT: 10.584 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: BN020403.D
 Acq: 24 Jun 2022 18:28



Tgt Ion: 128 Resp: 9667
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.5 14.3
 127 13.7 11.3 16.9

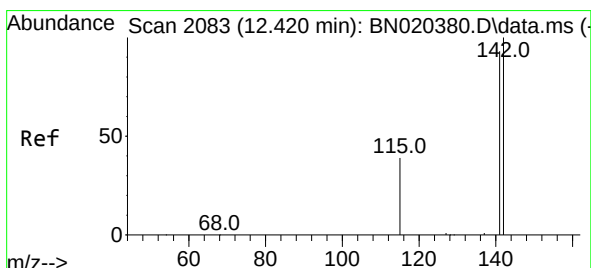
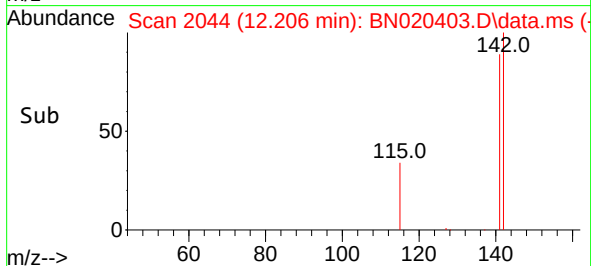
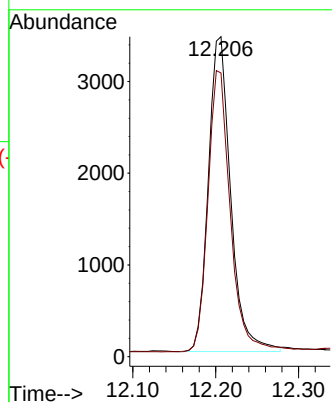
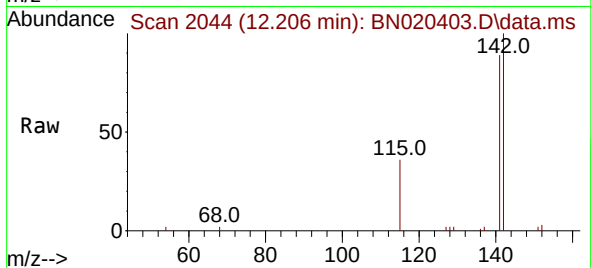




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.206 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

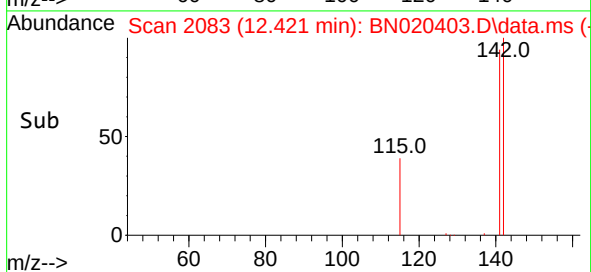
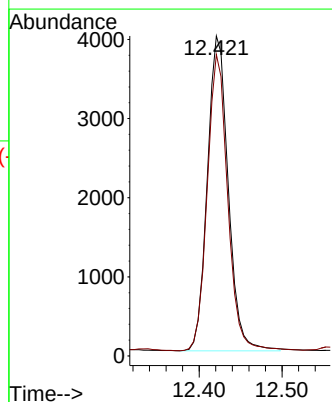
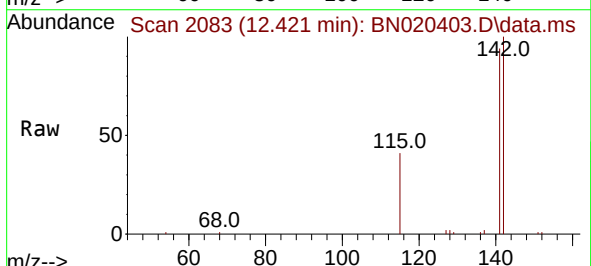
Instrument :
BNA_N
ClientSampleId :

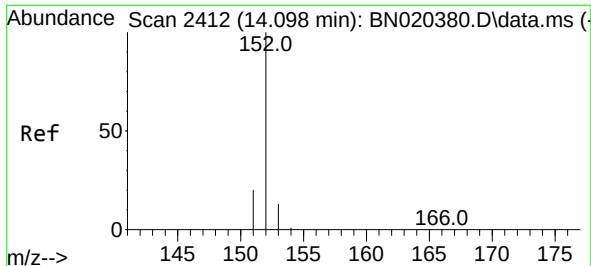
Tgt Ion:142 Resp: 6449
Ion Ratio Lower Upper
142 100
141 89.3 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.421 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Tgt Ion:142 Resp: 6965
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

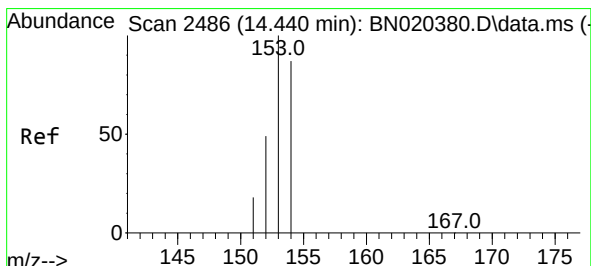
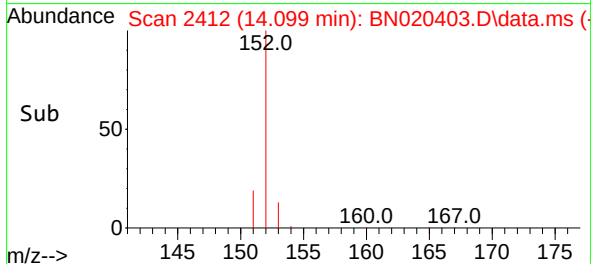
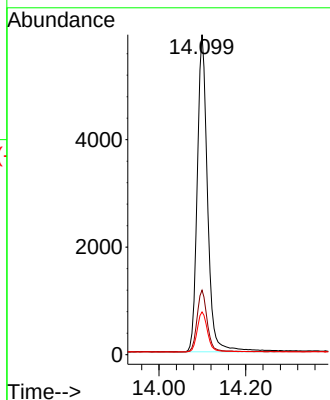
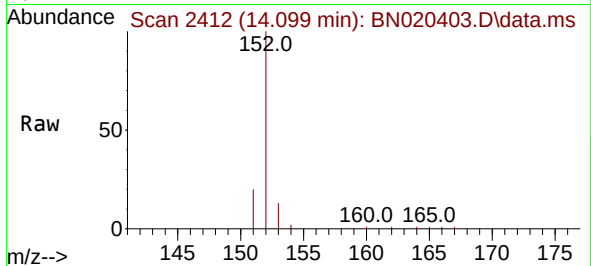




#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 14.099 min Scan# 2412
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

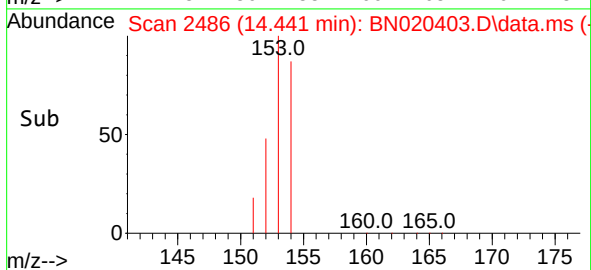
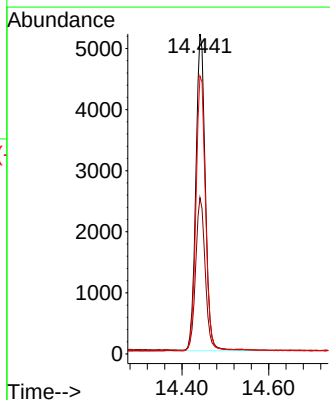
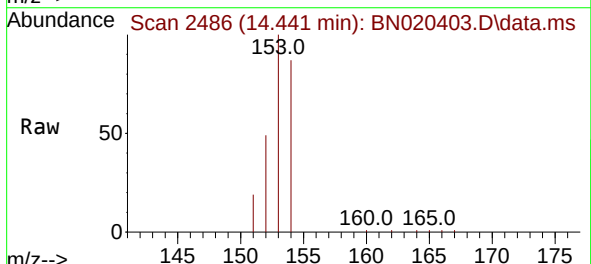
Instrument :
BNA_N
ClientSampleId :

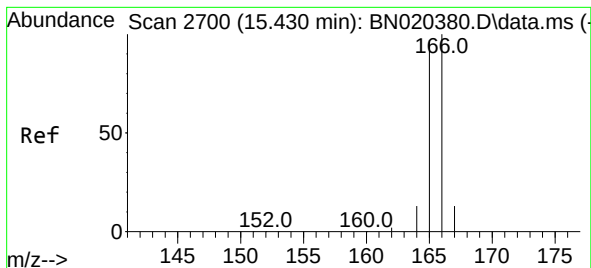
Tgt Ion:152 Resp: 9764
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.441 min Scan# 2486
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Tgt Ion:153 Resp: 7856
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 86.8 70.0 105.0





#12

Fluorene

Concen: 0.375 ng/ul

RT: 15.431 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN020403.D

Acq: 24 Jun 2022 18:28

Instrument :

BNA_N

ClientSampleId :

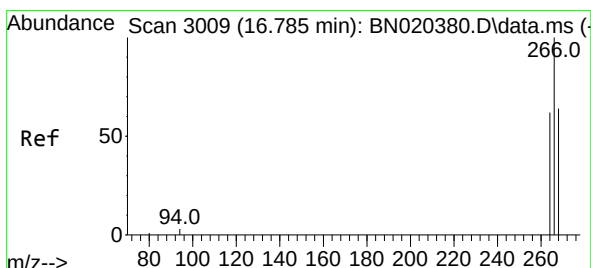
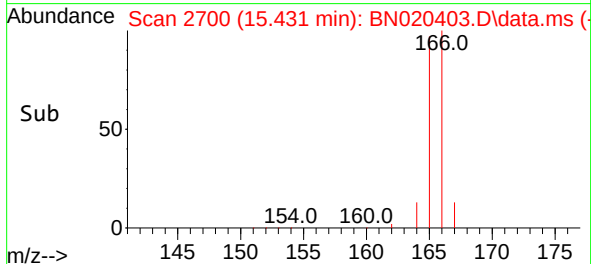
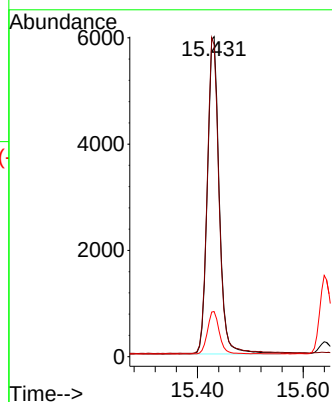
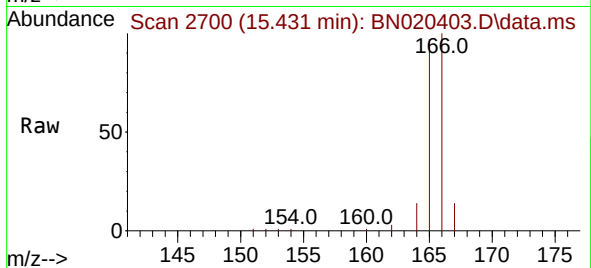
Tgt Ion:166 Resp: 9267

Ion Ratio Lower Upper

166 100

165 97.4 78.2 117.2

167 14.1 11.3 16.9



#14

Pentachlorophenol

Concen: 0.285 ng/ul

RT: 16.786 min Scan# 3009

Delta R.T. 0.001 min

Lab File: BN020403.D

Acq: 24 Jun 2022 18:28

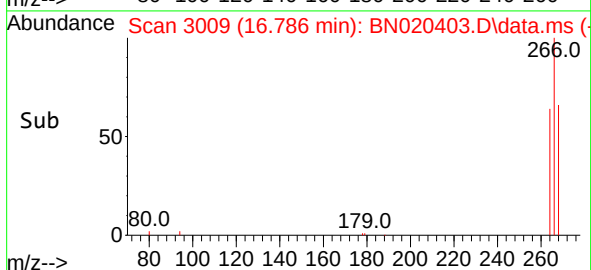
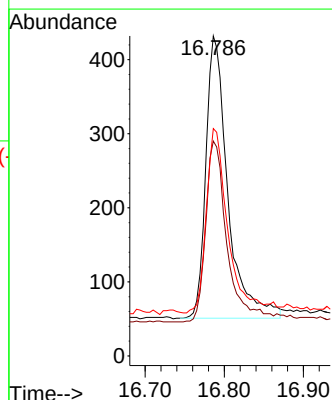
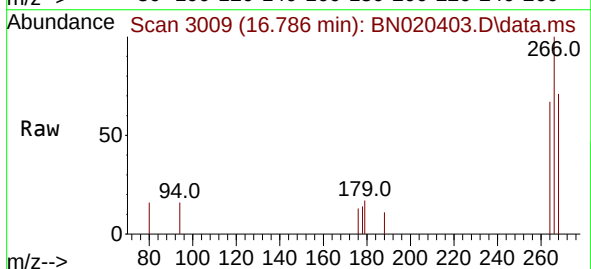
Tgt Ion:266 Resp: 733

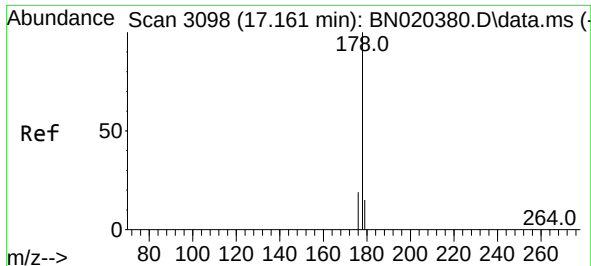
Ion Ratio Lower Upper

266 100

264 63.0 51.6 77.4

268 64.9 51.5 77.3

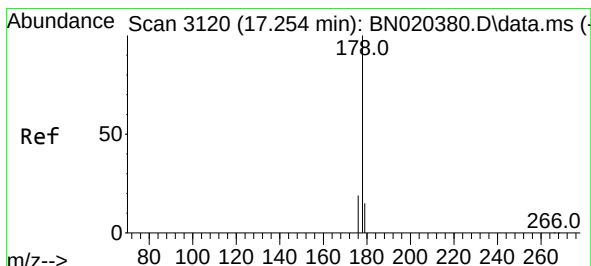
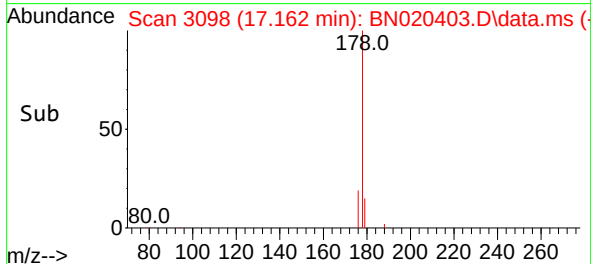
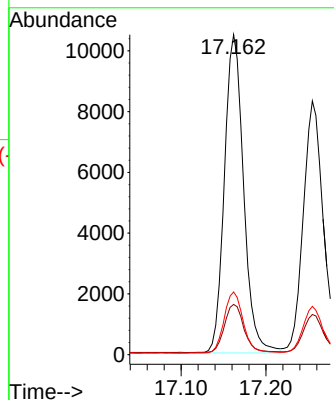
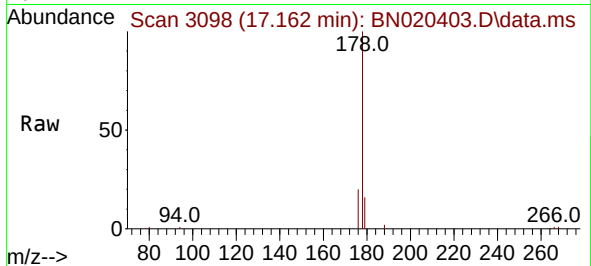




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.162 min Scan# 3098
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

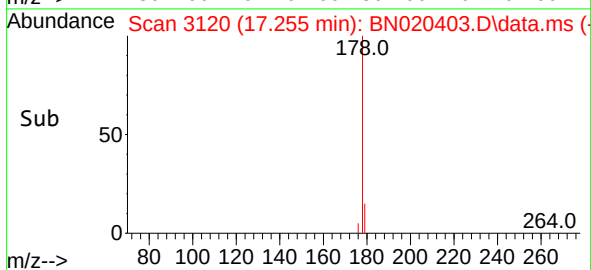
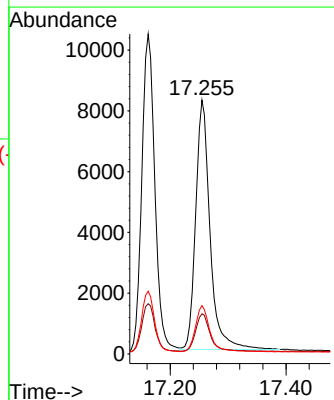
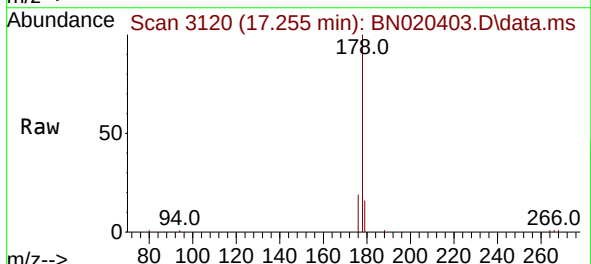
Instrument :
BNA_N
ClientSampleId :

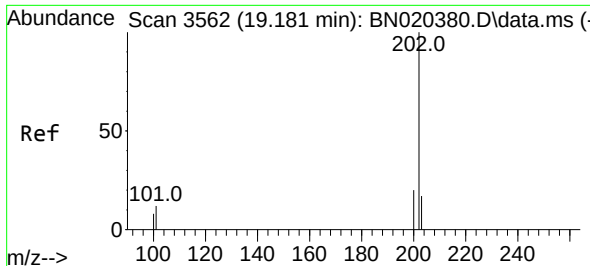
Tgt Ion:178 Resp: 16458
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Tgt Ion:178 Resp: 14097
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.1 15.2 22.8

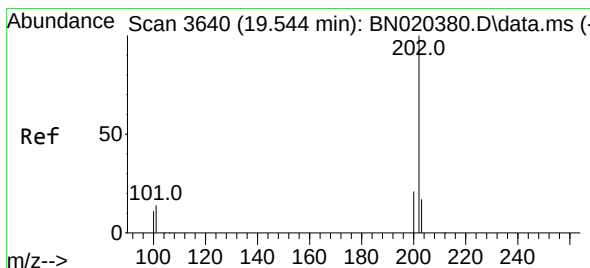
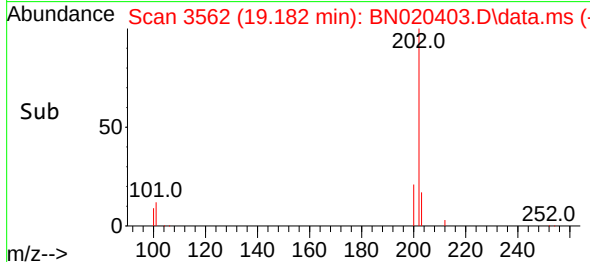
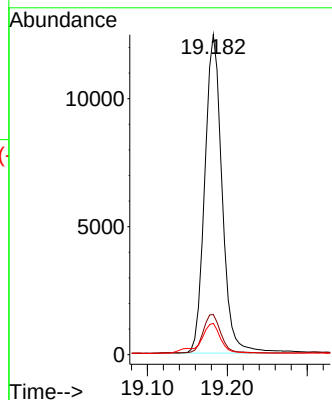
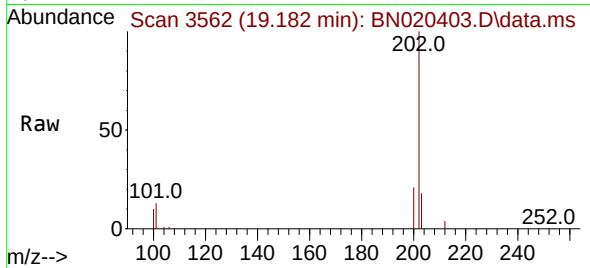




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.182 min Scan# 3562
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

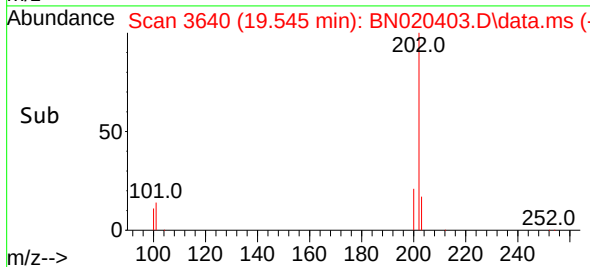
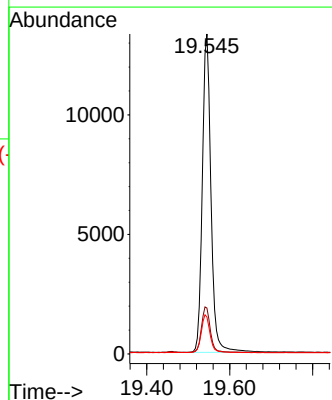
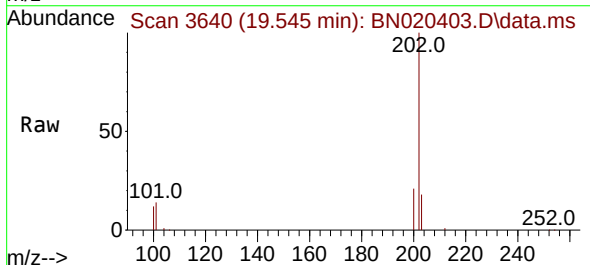
Instrument :
BNA_N
ClientSampleId :

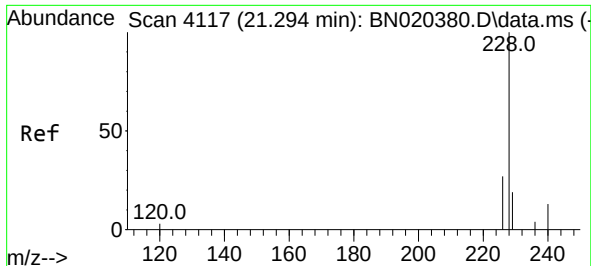
Tgt Ion:202 Resp: 18717
Ion Ratio Lower Upper
202 100
101 12.6 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.545 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Tgt Ion:202 Resp: 19452
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.6 9.2 13.8

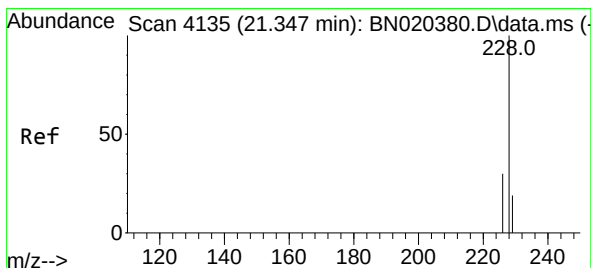
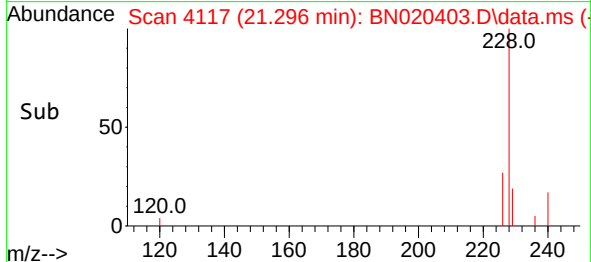
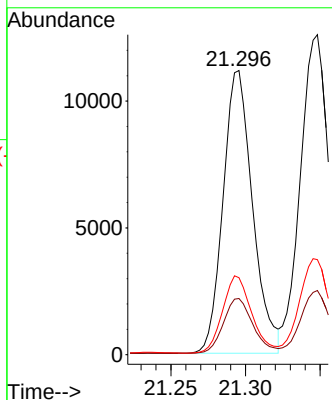
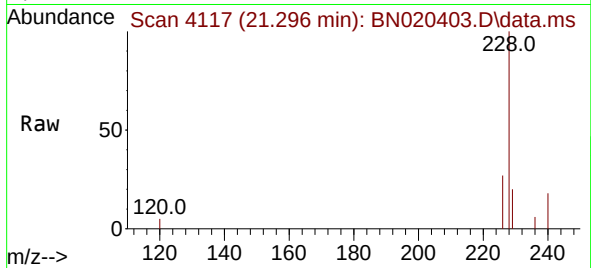




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

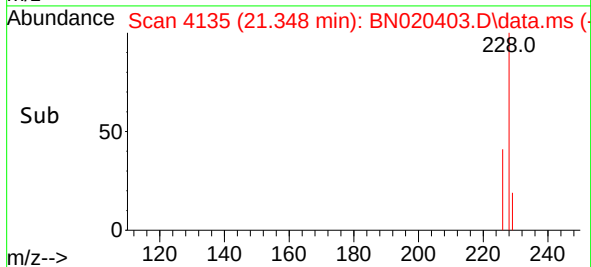
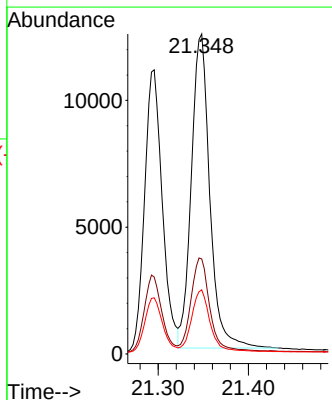
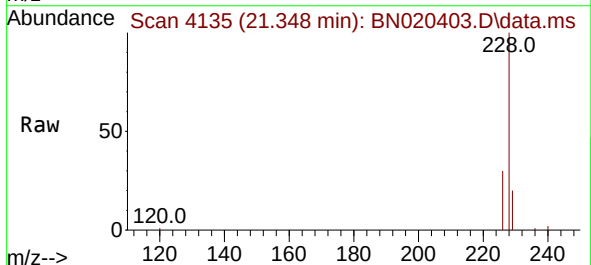
Instrument :
BNA_N
ClientSampleId :

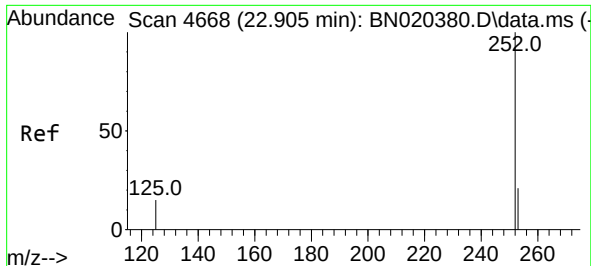
Tgt Ion:228 Resp: 15363
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.348 min Scan# 4135
Delta R.T. 0.001 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

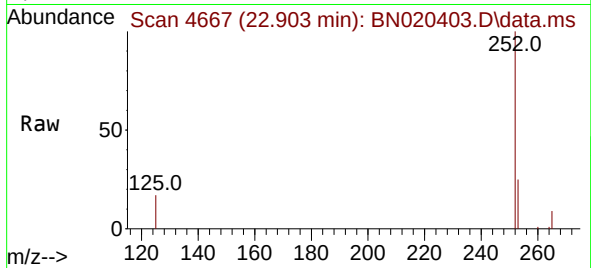
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Ion Ratio Lower Upper
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226 29.7 23.9 35.9
229 20.0 15.8 23.8



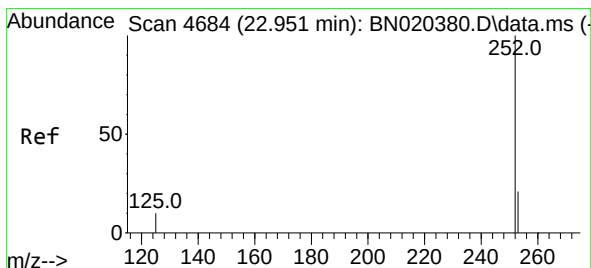
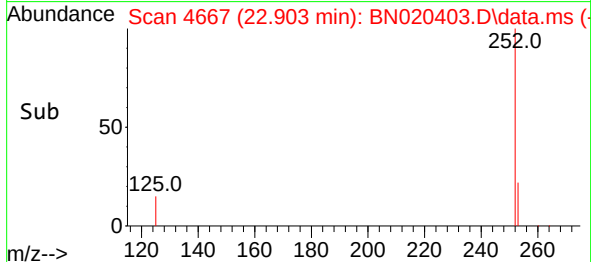
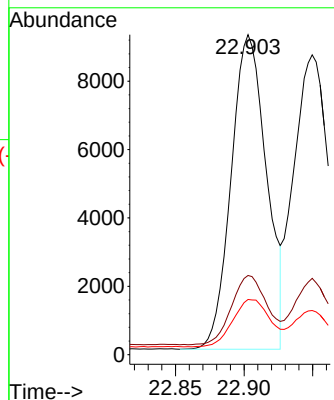


#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.903 min Scan# 4667
Delta R.T. -0.002 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Instrument :
BNA_N
ClientSampleId :

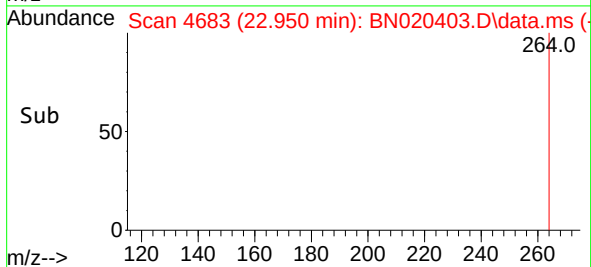
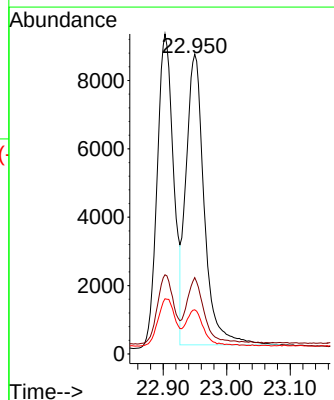
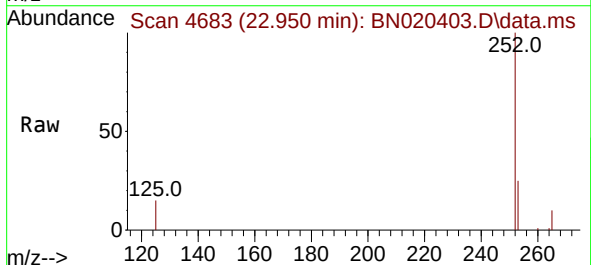


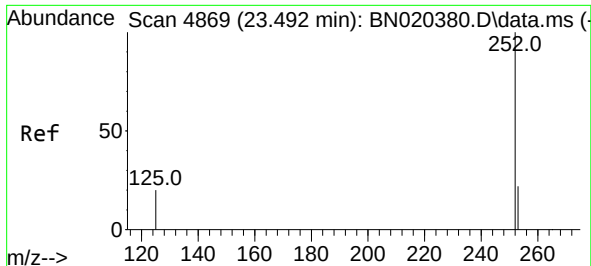
Tgt Ion:252 Resp: 16502
Ion Ratio Lower Upper
252 100
253 24.7 0.0 48.6
125 17.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 22.950 min Scan# 4683
Delta R.T. -0.002 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

Tgt Ion:252 Resp: 16939
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 14.7 12.0 18.0

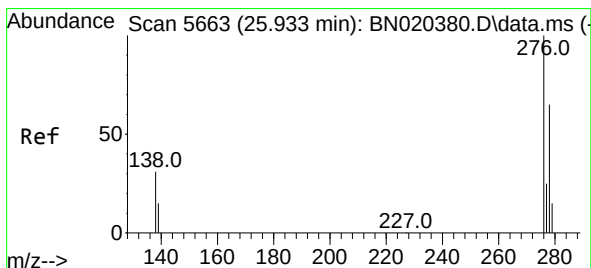
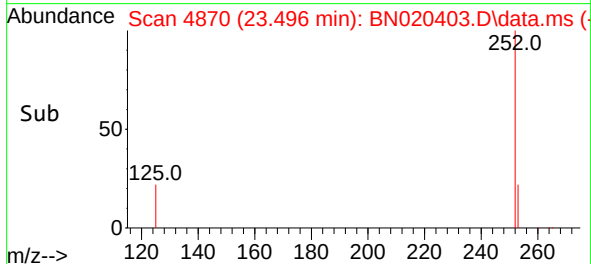
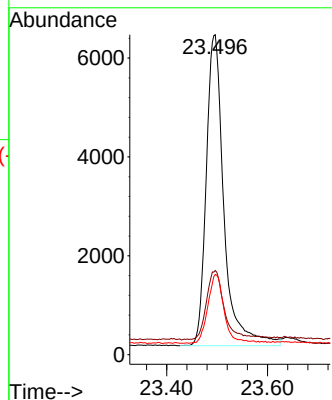
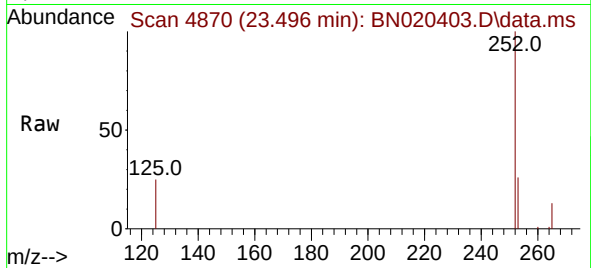




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.496 min Scan# 4869
Delta R.T. 0.004 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

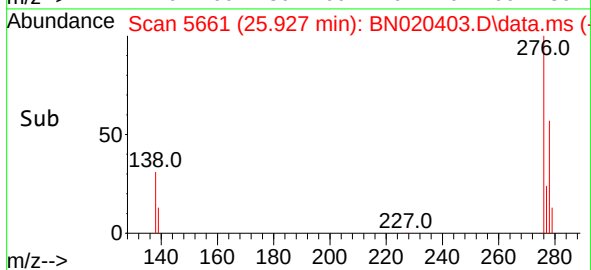
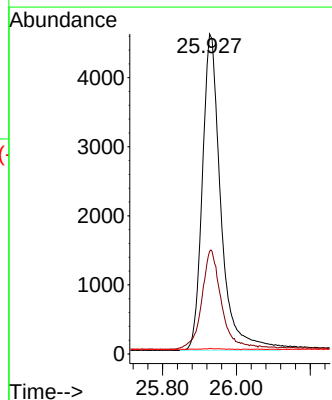
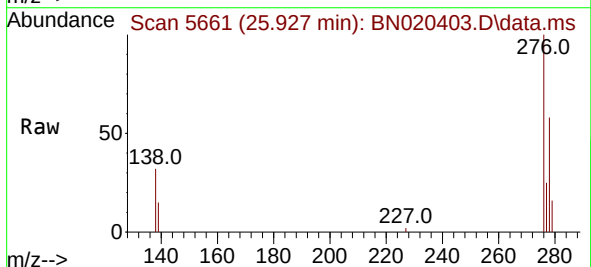
Instrument :
BNA_N
ClientSampleId :

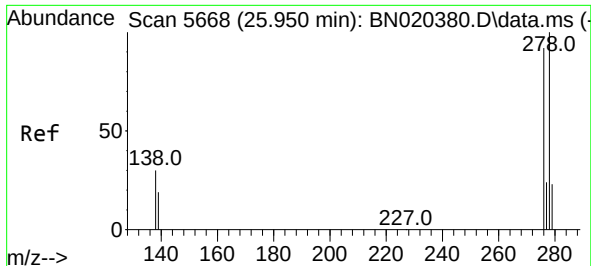
Tgt Ion:252 Resp: 15344
Ion Ratio Lower Upper
252 100
253 26.3 21.0 31.4
125 25.1 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 25.927 min Scan# 5661
Delta R.T. -0.006 min
Lab File: BN020403.D
Acq: 24 Jun 2022 18:28

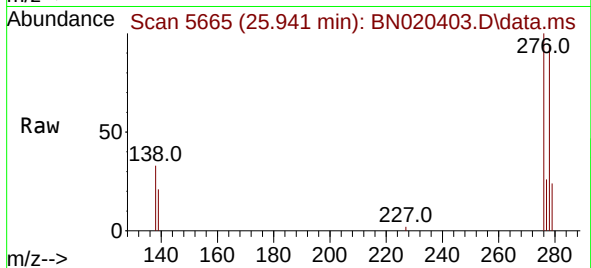
Tgt Ion:276 Resp: 15968
Ion Ratio Lower Upper
276 100
138 33.1 27.4 41.2
227 0.2 0.2 0.2



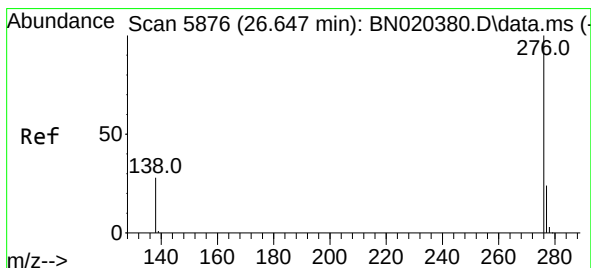
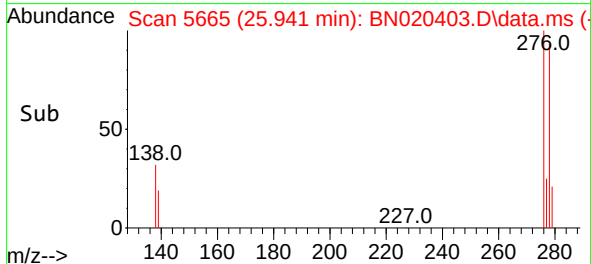
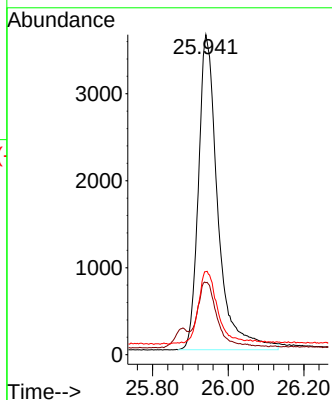


#28
 Dibenzo(a,h)anthracene
 Concen: 0.395 ng/ul
 RT: 25.941 min Scan# 5665
 Delta R.T. -0.009 min
 Lab File: BN020403.D
 Acq: 24 Jun 2022 18:28

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 12920
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.8 28.2
 279 26.0 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.391 ng/ul
 RT: 26.642 min Scan# 5874
 Delta R.T. -0.006 min
 Lab File: BN020403.D
 Acq: 24 Jun 2022 18:28

Tgt Ion:276 Resp: 13602
 Ion Ratio Lower Upper
 276 100
 138 29.4 23.5 35.3
 277 26.0 20.1 30.1

