

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080423\
 Data File : BN026820.D
 Acq On : 04 Aug 2023 16:06
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4382

Quant Time: Aug 04 22:31:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

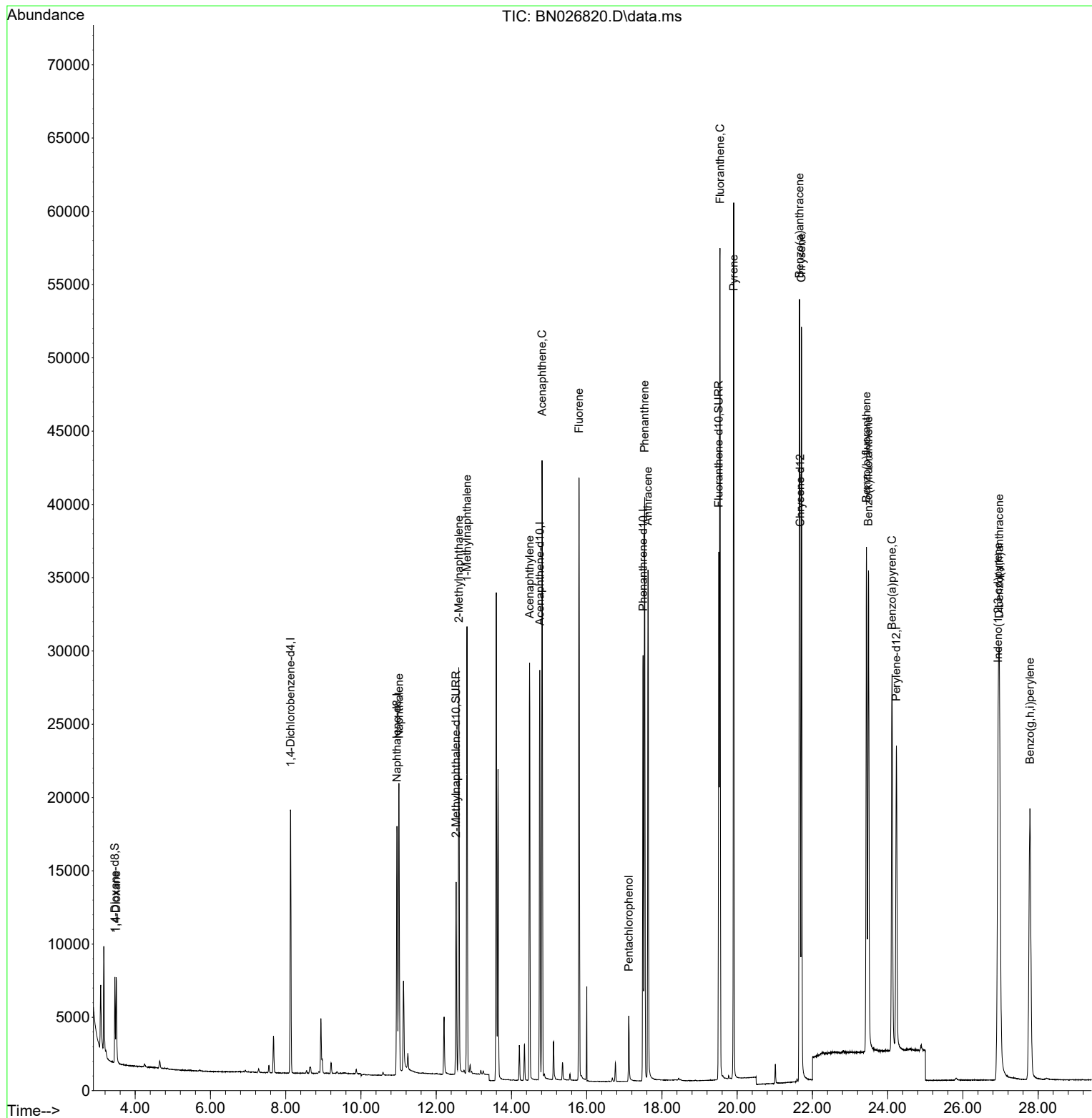
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	9214	0.400	ng/ul	0.01
4) Naphthalene-d8	10.955	136	25037	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.754	164	15698	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	34304	0.400	ng/ul	0.00
17) Chrysene-d12	21.673	240	29143	0.400	ng/ul	0.00
23) Perylene-d12	24.231	264	31003	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	4212	0.385	ng/ul	0.02
6) 2-Methylnaphthalene-d10	12.528	152	17011	0.462	ng/ul	0.01
18) Fluoranthene-d10	19.511	212	38302	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	4213	0.377	ng/ul	97
5) Naphthalene	11.010	128	27929	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.599	142	20104	0.469	ng/ul	99
8) 1-Methylnaphthalene	12.819	142	21039	0.469	ng/ul	100
10) Acenaphthylene	14.481	152	31582	0.359	ng/ul	99
11) Acenaphthene	14.814	153	23448	0.385	ng/ul	99
12) Fluorene	15.795	166	26502	0.385	ng/ul	100
14) Pentachlorophenol	17.118	266	3089	0.318	ng/ul	99
15) Phenanthrene	17.540	178	43694	0.388	ng/ul	100
16) Anthracene	17.629	178	38442	0.377	ng/ul	100
19) Fluoranthene	19.543	202	49744	0.411	ng/ul	100
20) Pyrene	19.906	202	50308	0.389	ng/ul	99
21) Benzo(a)anthracene	21.653	228	44943	0.388	ng/ul	99
22) Chrysene	21.708	228	46201	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.436	252	48647	0.415	ng/ul	98
25) Benzo(k)fluoranthene	23.489	252	48919	0.423	ng/ul	99
26) Benzo(a)pyrene	24.114	252	43619	0.412	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.935	276	55565	0.401	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.969	278	43973	0.399	ng/ul	99
29) Benzo(g,h,i)perylene	27.780	276	45839	0.398	ng/ul	98

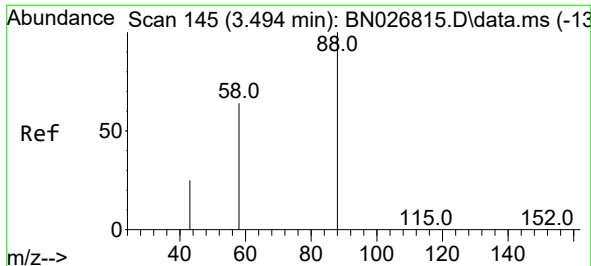
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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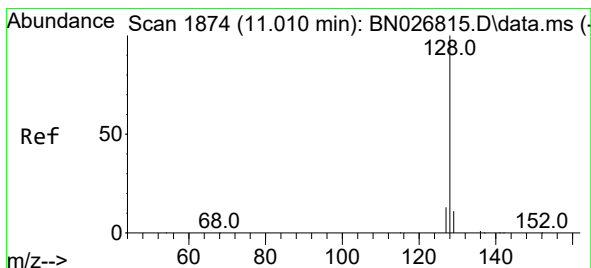
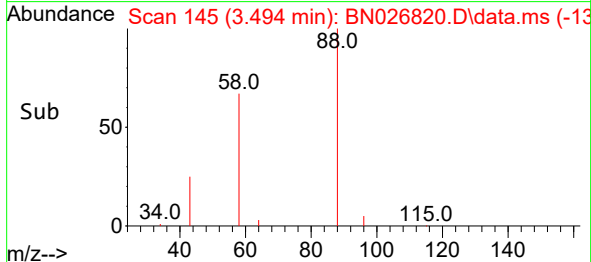
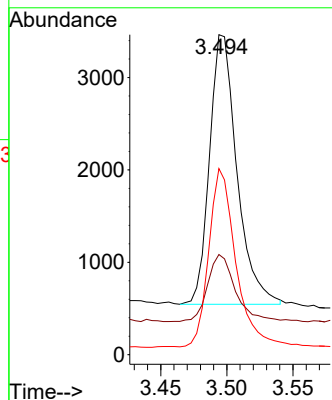
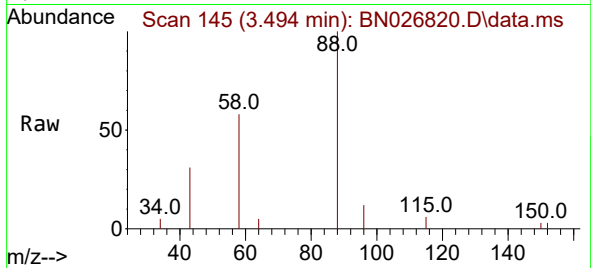




#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.494 min Scan# 145
Delta R.T. 0.013 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

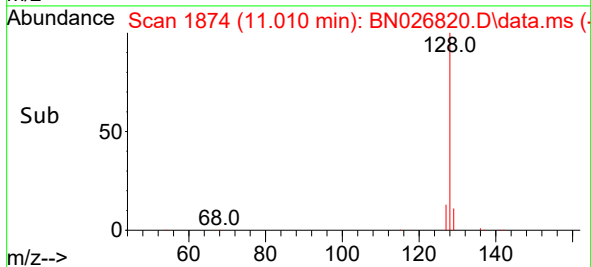
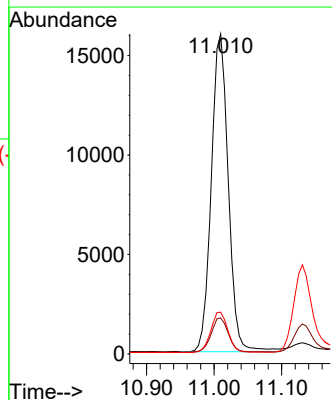
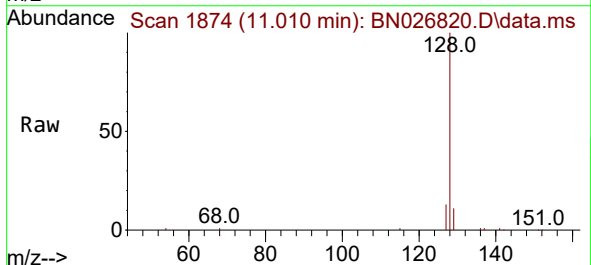
Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

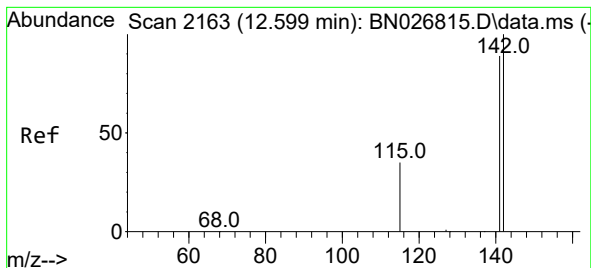
Tgt Ion: 88 Resp: 4213
Ion Ratio Lower Upper
88 100
43 31.3 28.0 42.0
58 58.1 46.0 69.0



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 11.010 min Scan# 1874
Delta R.T. 0.011 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion: 128 Resp: 27929
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 10.5 15.7

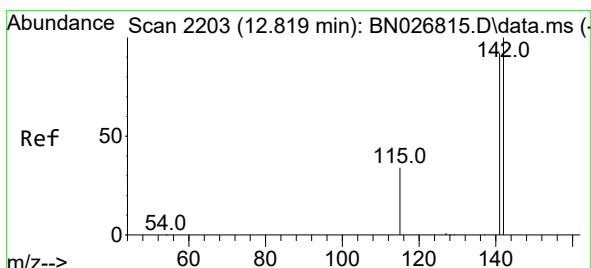
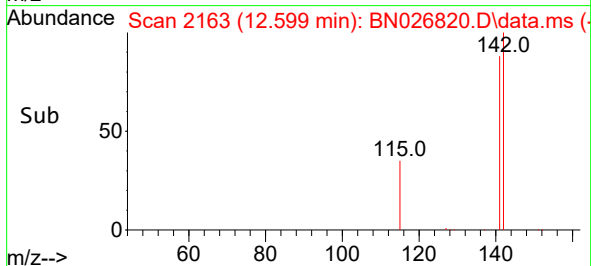
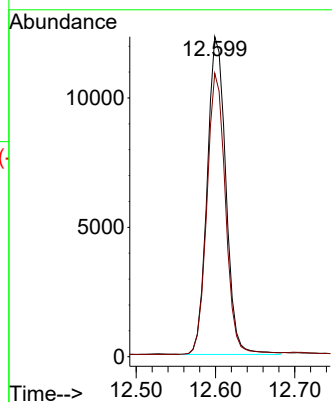
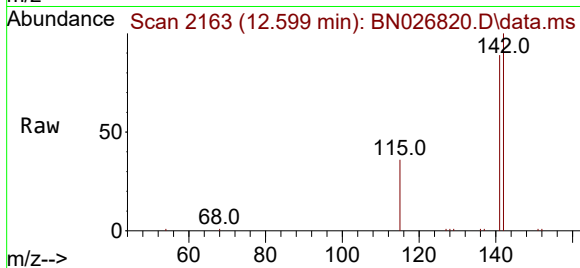




#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.599 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

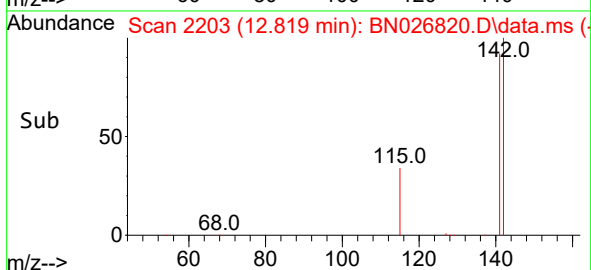
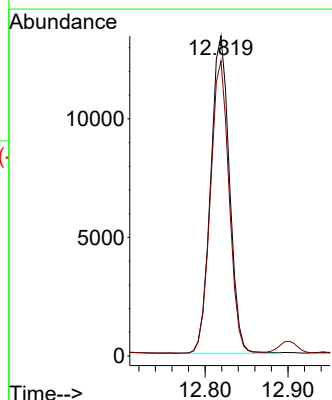
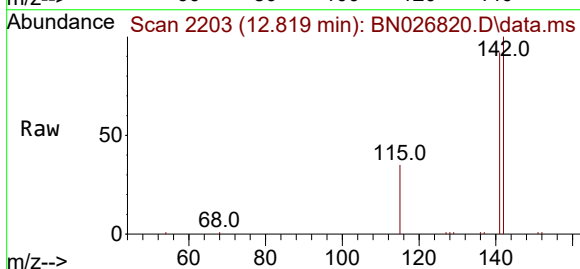
Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

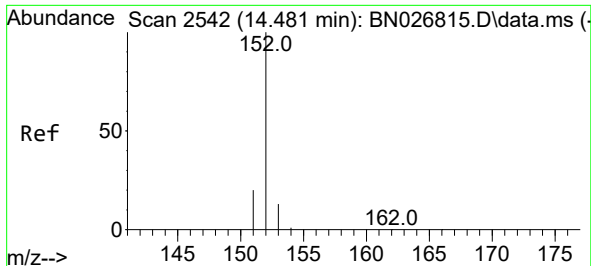
Tgt Ion:142 Resp: 20104
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 12.819 min Scan# 2203
Delta R.T. 0.011 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:142 Resp: 21039
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

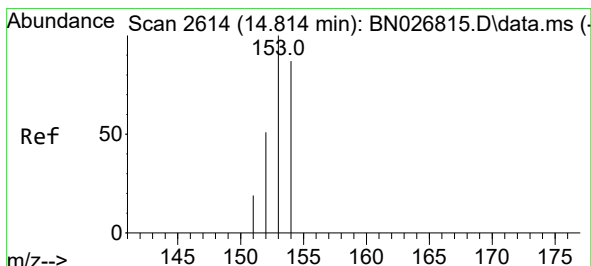
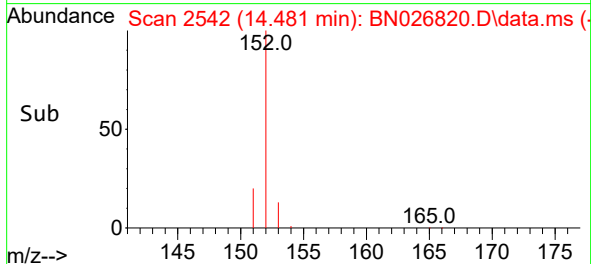
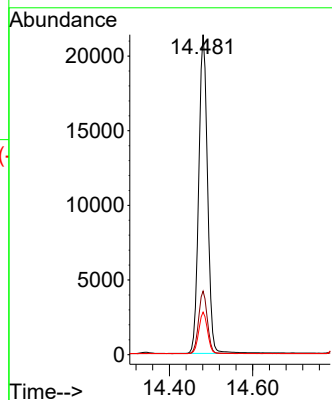
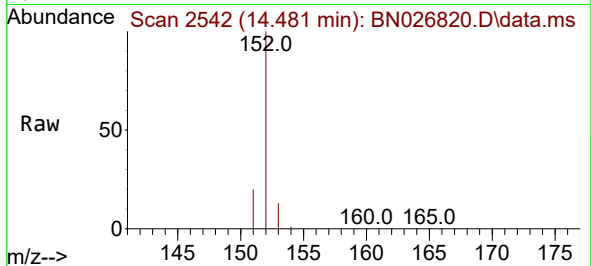




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.481 min Scan# 2542
Delta R.T. 0.005 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

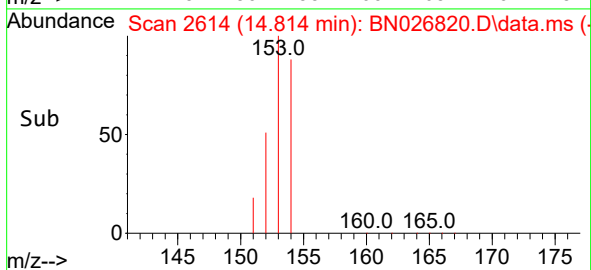
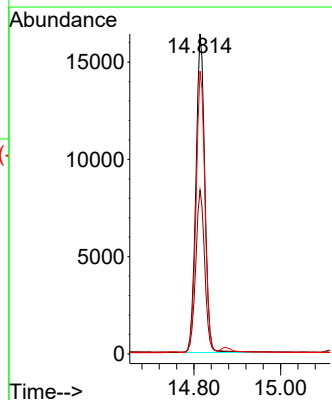
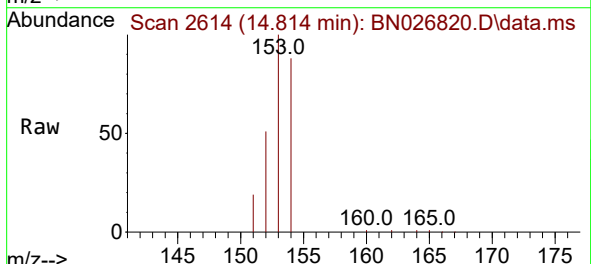
Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

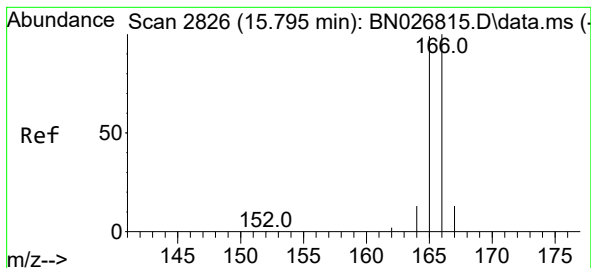
Tgt Ion:152 Resp: 31582
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.814 min Scan# 2614
Delta R.T. 0.005 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:153 Resp: 23448
Ion Ratio Lower Upper
153 100
152 51.2 41.1 61.7
154 88.4 71.6 107.4





#12

Fluorene

Concen: 0.385 ng/ul

RT: 15.795 min Scan# 2826

Delta R.T. 0.005 min

Lab File: BN026820.D

Acq: 04 Aug 2023 16:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.4382

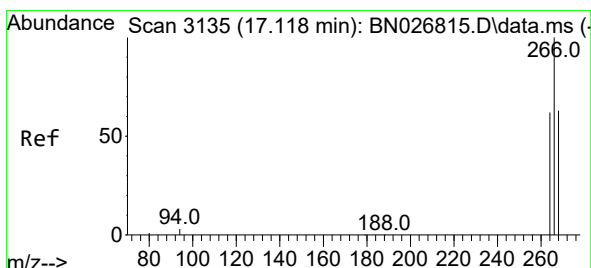
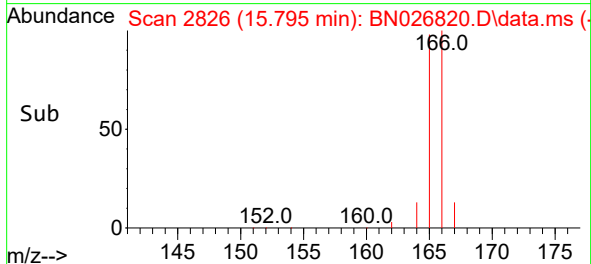
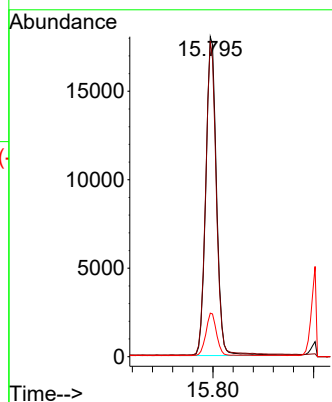
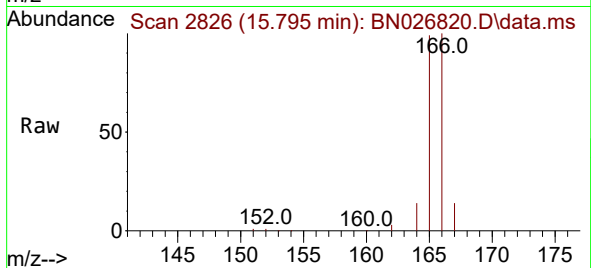
Tgt Ion:166 Resp: 26502

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

167 13.6 11.4 17.0



#14

Pentachlorophenol

Concen: 0.318 ng/ul

RT: 17.118 min Scan# 3135

Delta R.T. 0.004 min

Lab File: BN026820.D

Acq: 04 Aug 2023 16:06

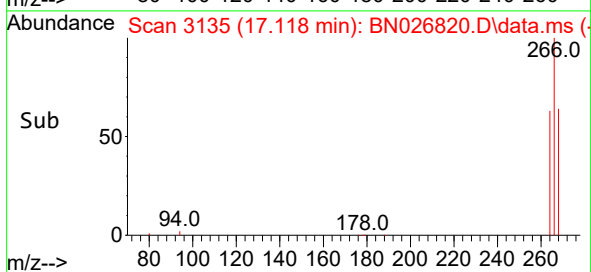
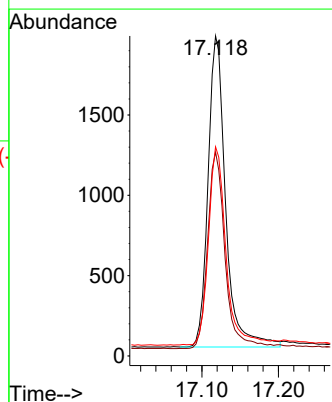
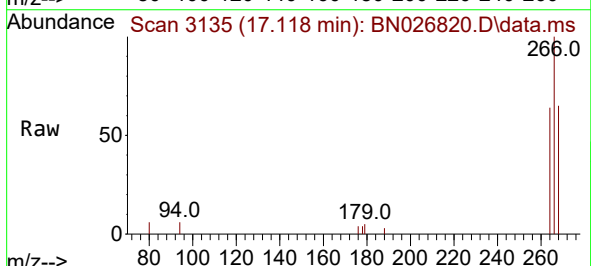
Tgt Ion:266 Resp: 3089

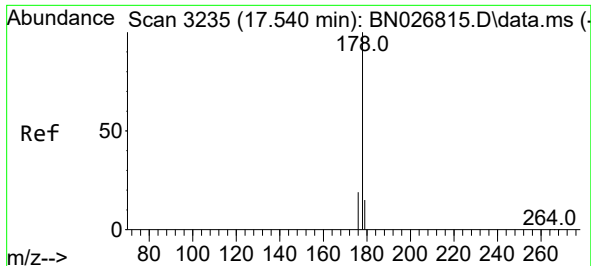
Ion Ratio Lower Upper

266 100

264 63.2 50.4 75.6

268 63.3 51.2 76.8

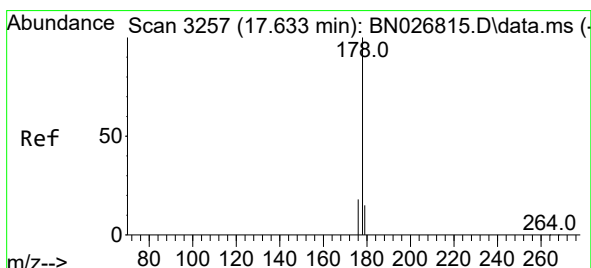
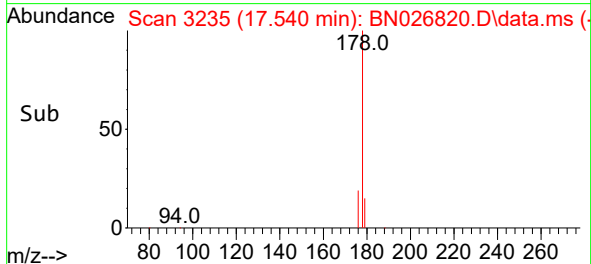
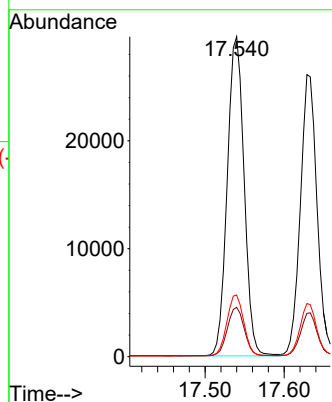
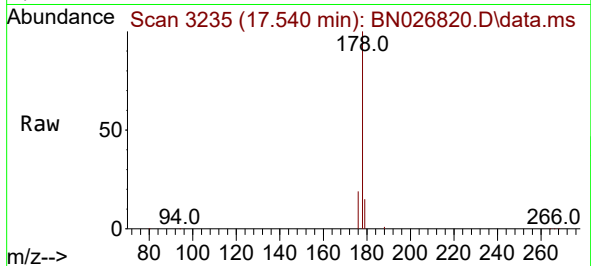




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.540 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

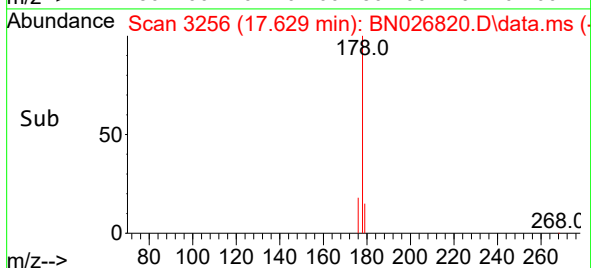
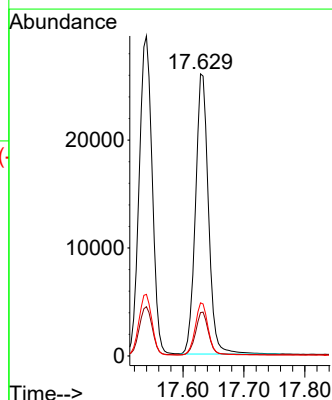
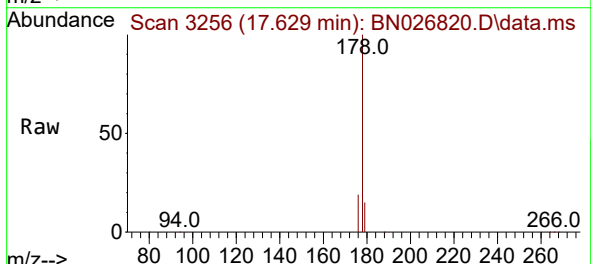
Instrument :
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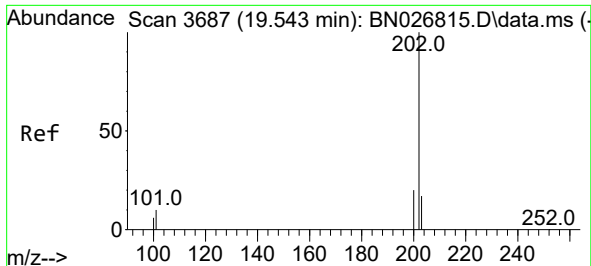
Tgt Ion:178 Resp: 43694
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.629 min Scan# 3256
Delta R.T. 0.004 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:178 Resp: 38442
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.8 15.0 22.6

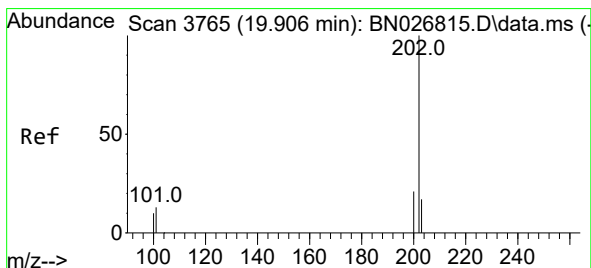
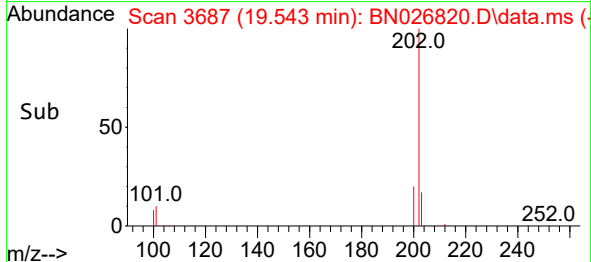
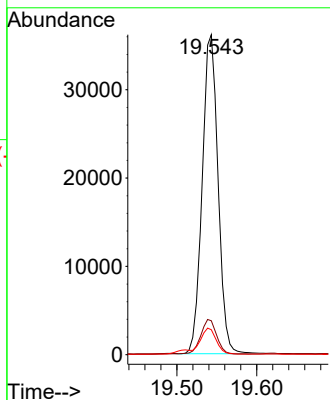
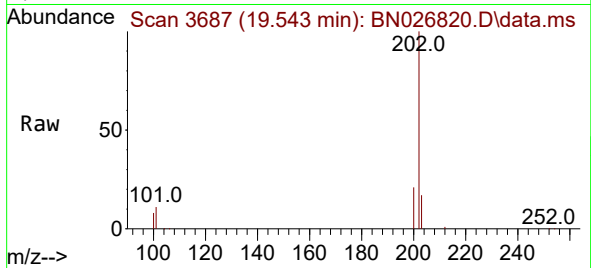




#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.543 min Scan# 3687
Delta R.T. 0.005 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

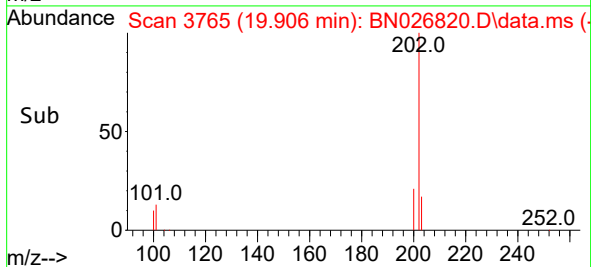
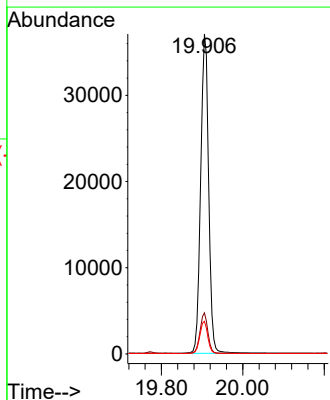
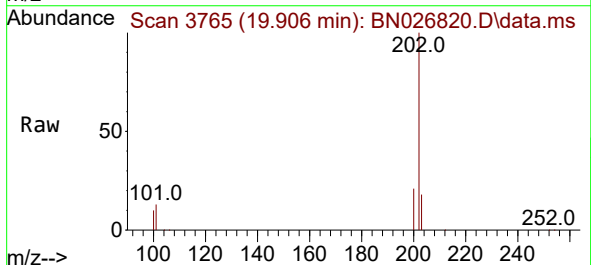
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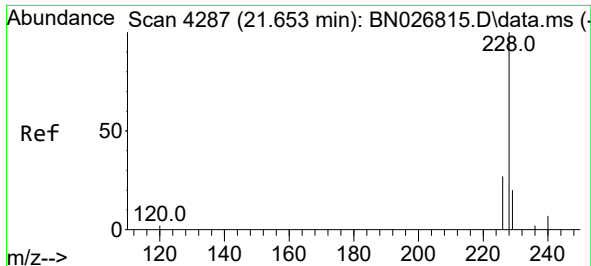
Tgt Ion:202 Resp: 49744
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.8 6.2 9.2



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.906 min Scan# 3765
Delta R.T. 0.005 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

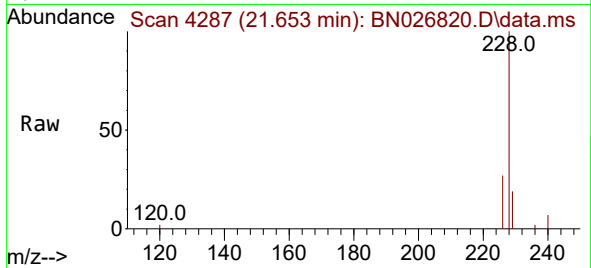
Tgt Ion:202 Resp: 50308
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7



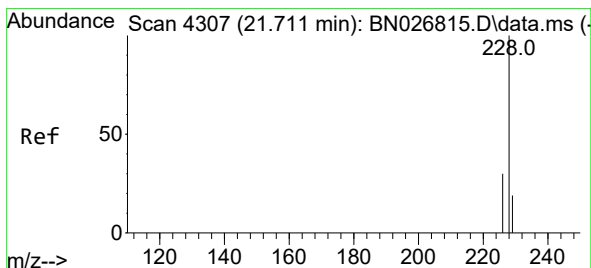
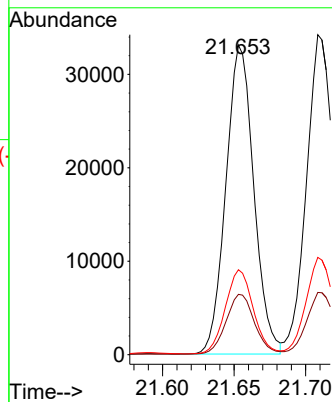
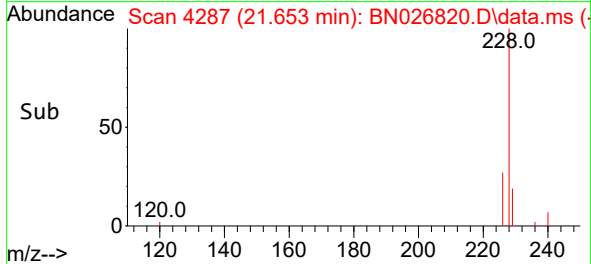


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.653 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

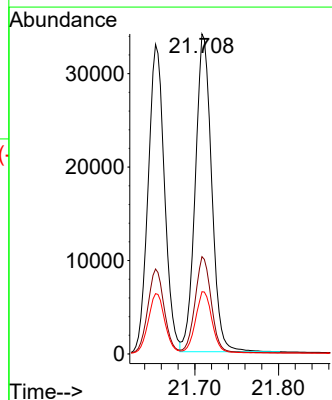
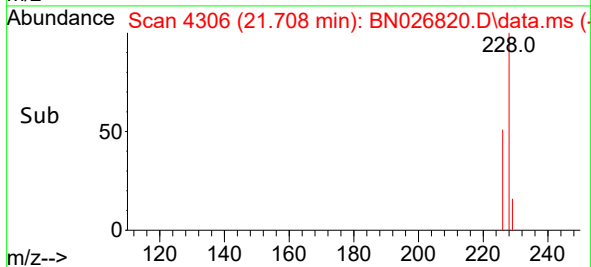
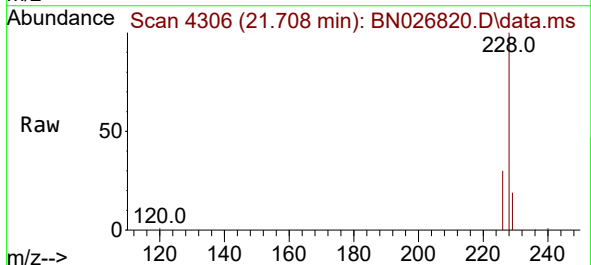


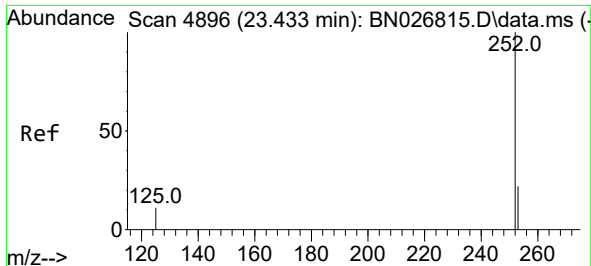
Tgt Ion:228 Resp: 44943
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.708 min Scan# 4306
Delta R.T. -0.000 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:228 Resp: 46201
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.4 15.8 23.6

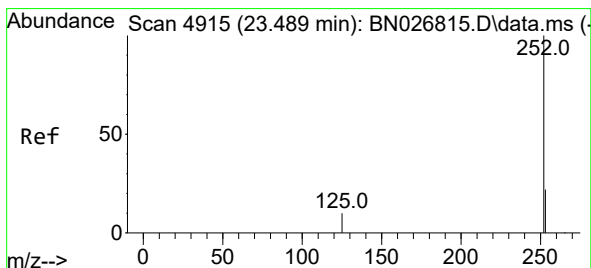
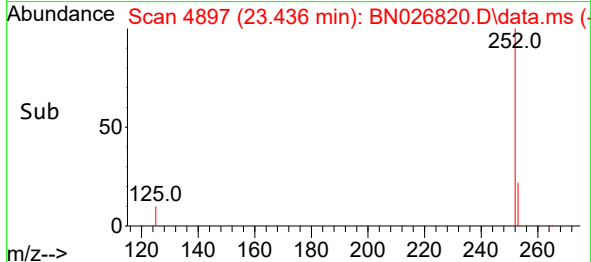
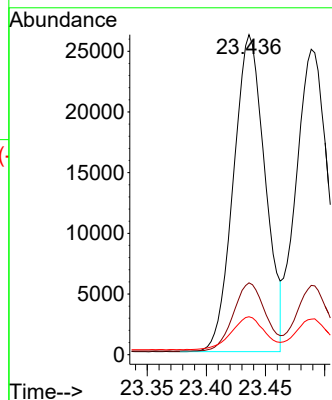
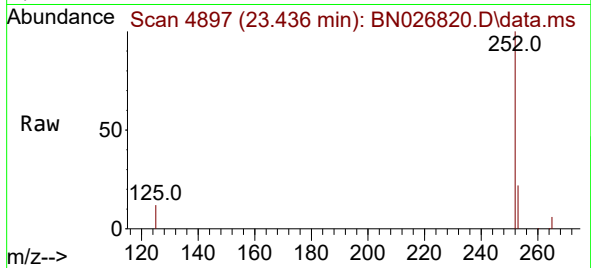




#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.436 min Scan# 4896
Delta R.T. 0.006 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

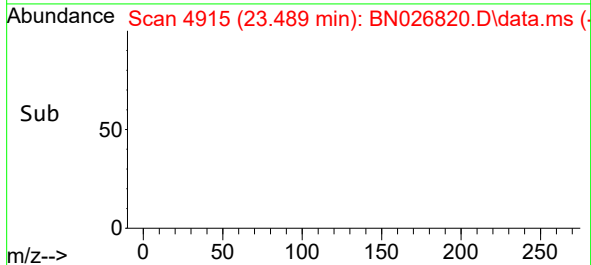
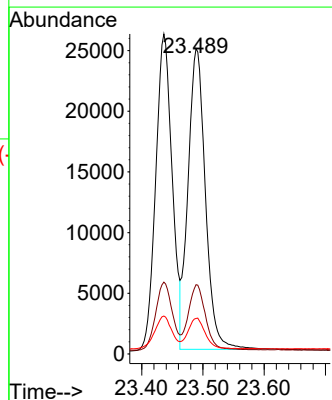
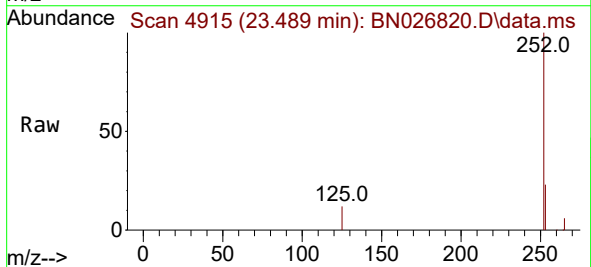
Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

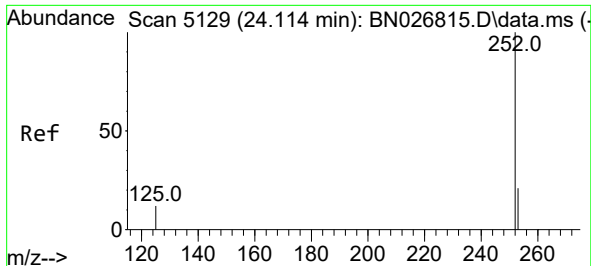
Tgt Ion:252 Resp: 48647
Ion Ratio Lower Upper
252 100
253 22.4 0.0 46.8
125 11.9 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.489 min Scan# 4915
Delta R.T. 0.003 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

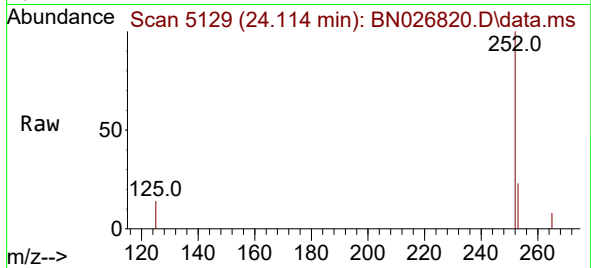
Tgt Ion:252 Resp: 48919
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.7 9.9 14.9



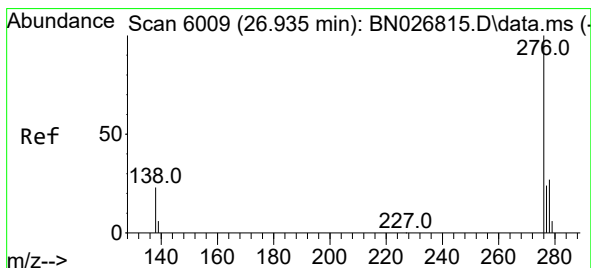
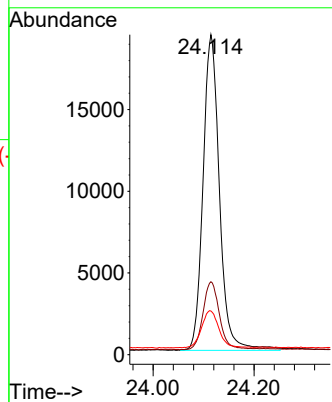
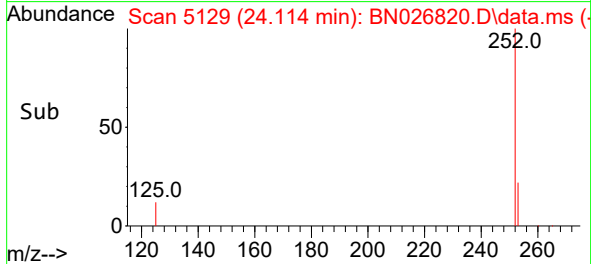


#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 24.114 min Scan# 5129
Delta R.T. 0.003 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

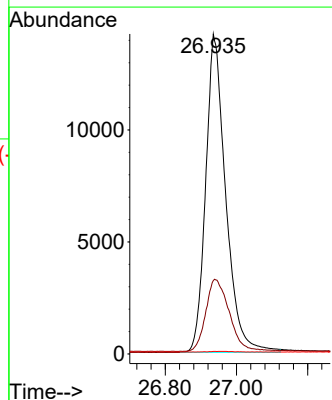
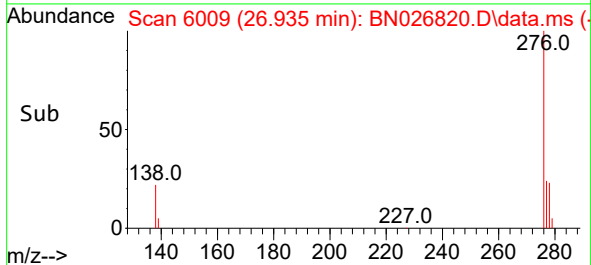
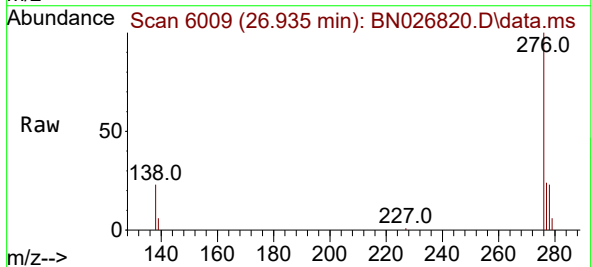


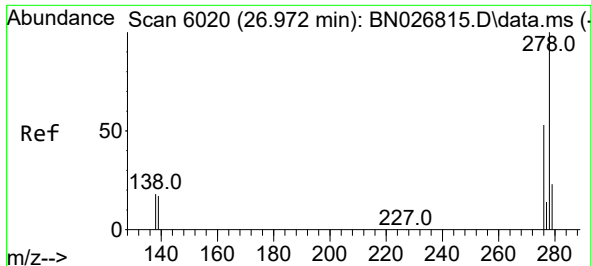
Tgt Ion:252 Resp: 43619
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.6
125 13.6 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.935 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:276 Resp: 55565
Ion Ratio Lower Upper
276 100
138 26.6 21.6 32.4
227 0.0 0.0 0.0

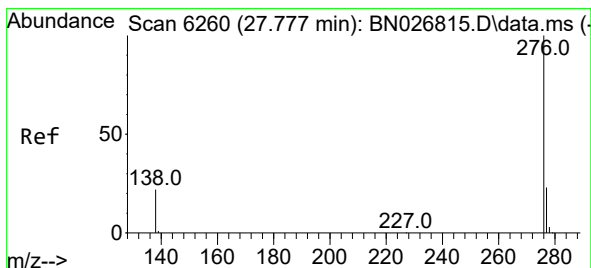
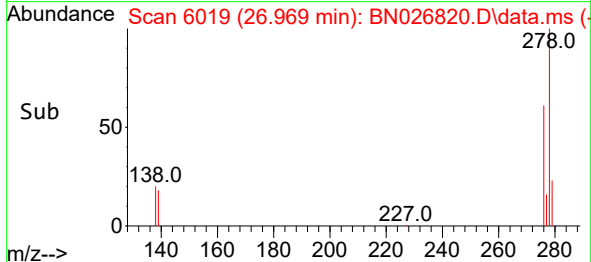
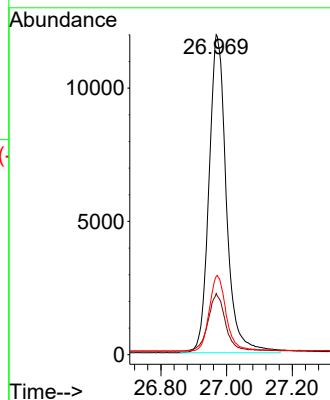
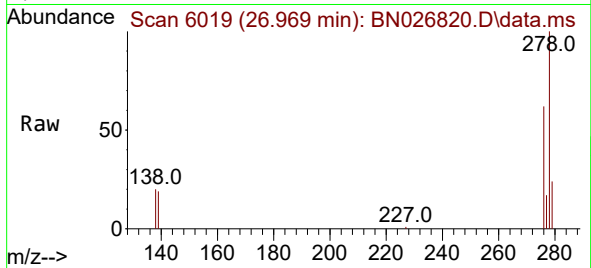




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.969 min Scan# 6020
Delta R.T. -0.000 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:278 Resp: 43973
Ion Ratio Lower Upper
278 100
139 19.1 15.7 23.5
279 24.4 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 27.780 min Scan# 6261
Delta R.T. 0.010 min
Lab File: BN026820.D
Acq: 04 Aug 2023 16:06

Tgt Ion:276 Resp: 45839
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 24.0 19.8 29.8

