

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025023.D
 Acq On : 20 Apr 2023 05:22
 Operator : CG/JU
 Sample : SSTD0.496
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 20 07:47:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 07:43:17 2023
 Response via : Initial Calibration

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

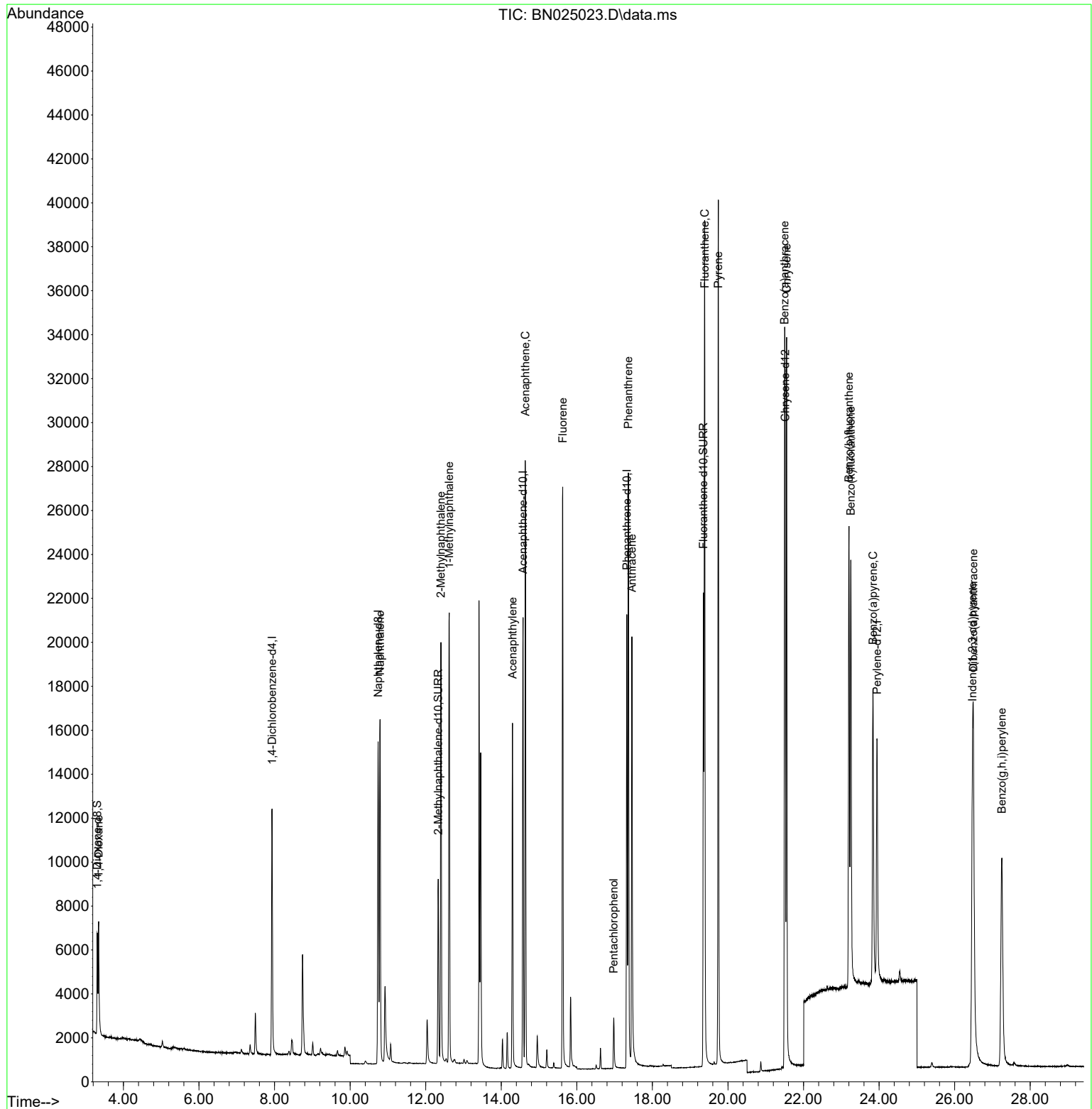
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6286	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	19666	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	11231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	24397	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	20048	0.400	ng/ul	0.00
23) Perylene-d12	23.944	264	16677	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3019	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11226	0.445	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	24404	0.490	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	3172	0.419	ng/ul	100
5) Naphthalene	10.792	128	22156	0.442	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	13654	0.438	ng/ul	100
8) 1-Methylnaphthalene	12.623	142	14541	0.440	ng/ul	100
10) Acenaphthylene	14.298	152	18632	0.442	ng/ul	100
11) Acenaphthene	14.636	153	15743	0.436	ng/ul	100
12) Fluorene	15.626	166	17678	0.437	ng/ul	100
14) Pentachlorophenol	16.976	266	1750	0.336	ng/ul	100
15) Phenanthrene	17.365	178	29604	0.431	ng/ul	100
16) Anthracene	17.457	178	24383	0.427	ng/ul	100
19) Fluoranthene	19.383	202	33335	0.483	ng/ul	100
20) Pyrene	19.745	202	34008	0.481	ng/ul	100
21) Benzo(a)anthracene	21.498	228	27276	0.431	ng/ul	100
22) Chrysene	21.553	228	30089	0.439	ng/ul	100
24) Benzo(b)fluoranthene	23.202	252	28561	0.427	ng/ul	100
25) Benzo(k)fluoranthene	23.251	252	27778	0.426	ng/ul	100
26) Benzo(a)pyrene	23.839	252	23027	0.415	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.471	276	27570	0.421	ng/ul	100
28) Dibenzo(a,h)anthracene	26.495	278	21632	0.421	ng/ul	100
29) Benzo(g,h,i)perylene	27.249	276	23814	0.430	ng/ul	100

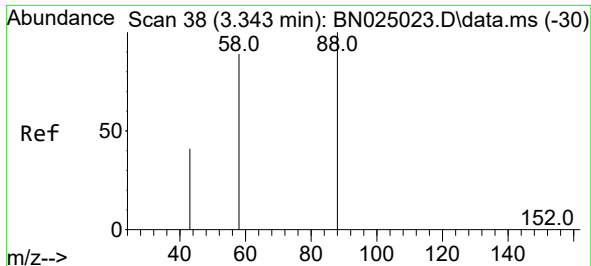
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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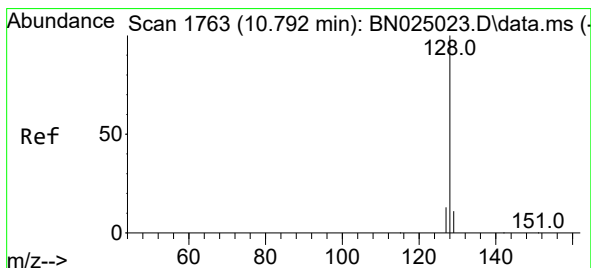
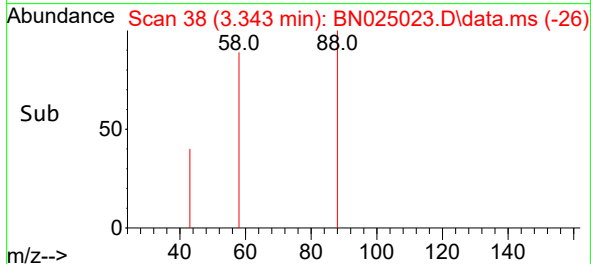
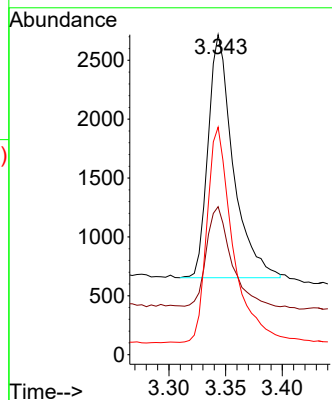
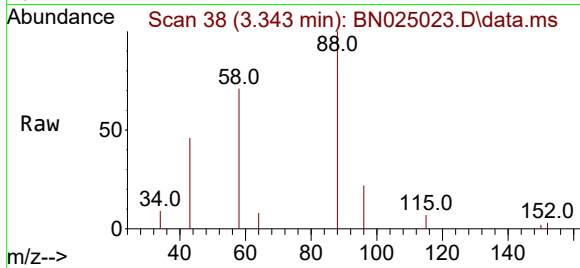




#2
 1,4-Dioxane
 Concen: 0.419 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025023.D
 Acq: 20 Apr 2023 05:22

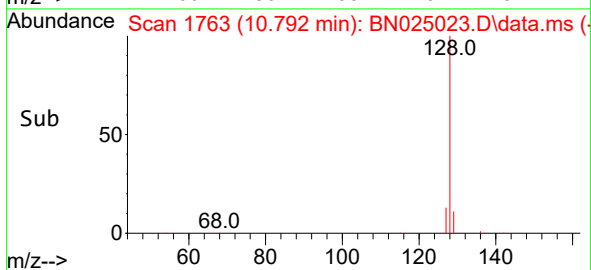
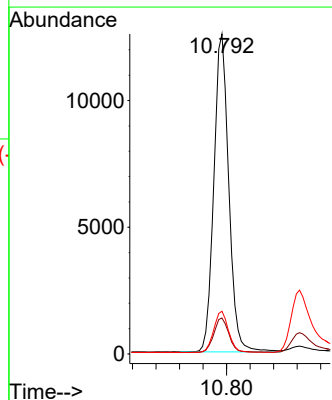
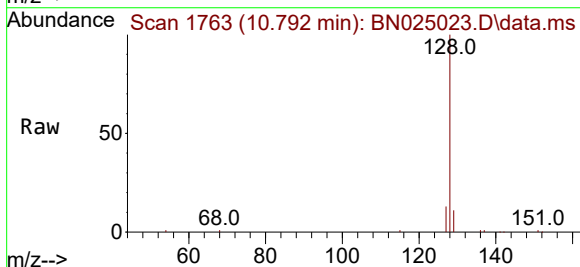
Instrument :
 BNA_N
 ClientSampleId :

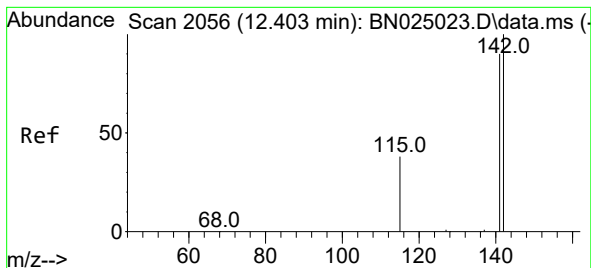
Tgt Ion: 88 Resp: 3172
 Ion Ratio Lower Upper
 88 100
 43 46.2 37.0 55.4
 58 71.1 56.9 85.3



#5
 Naphthalene
 Concen: 0.442 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025023.D
 Acq: 20 Apr 2023 05:22

Tgt Ion: 128 Resp: 22156
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.4 10.7 16.1

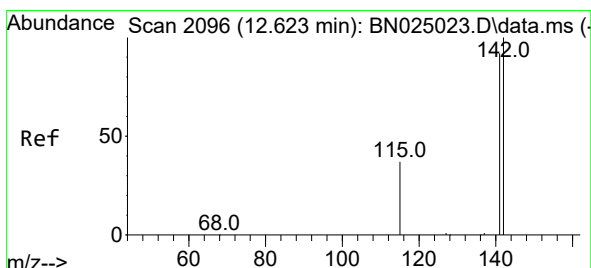
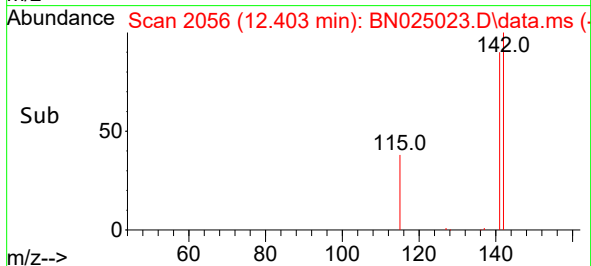
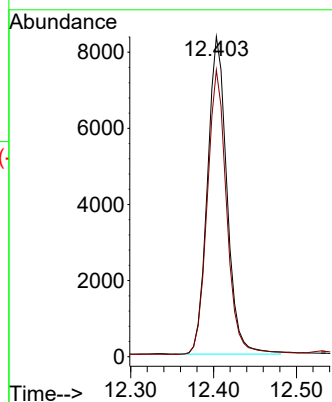
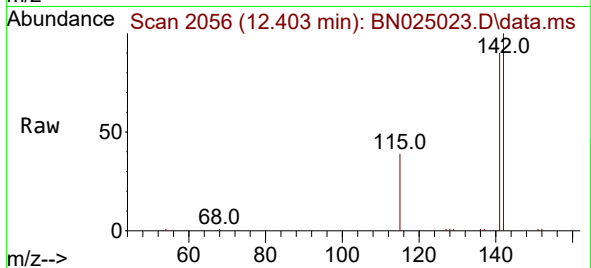




#7
2-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

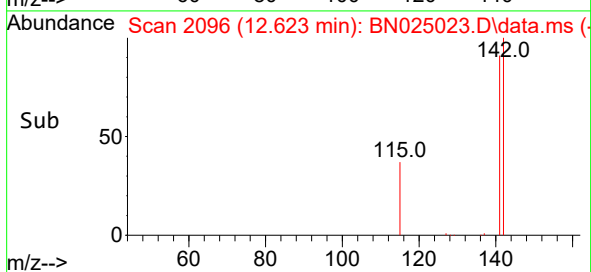
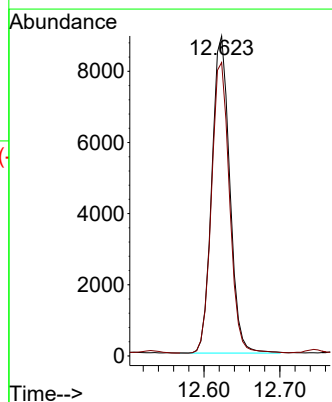
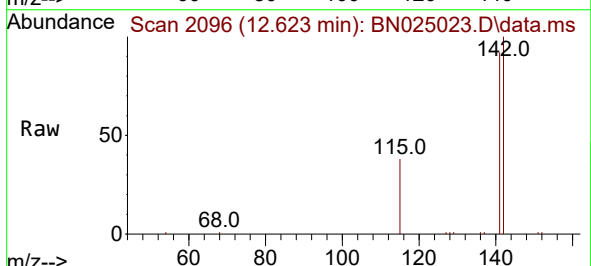
Instrument :
BNA_N
ClientSampleId :

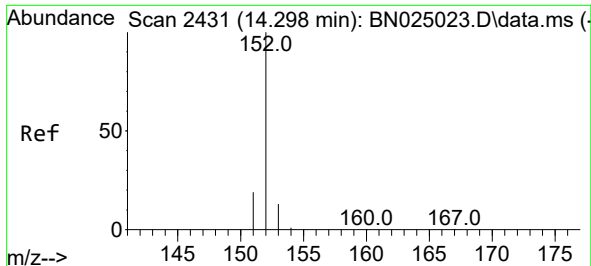
Tgt Ion:142 Resp: 13654
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

Tgt Ion:142 Resp: 14541
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

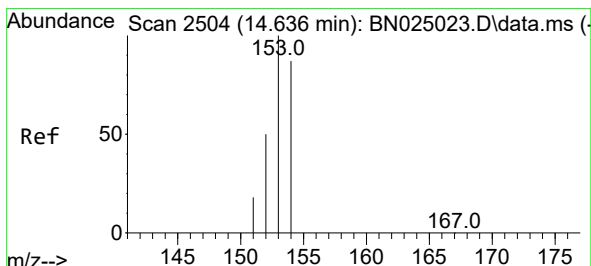
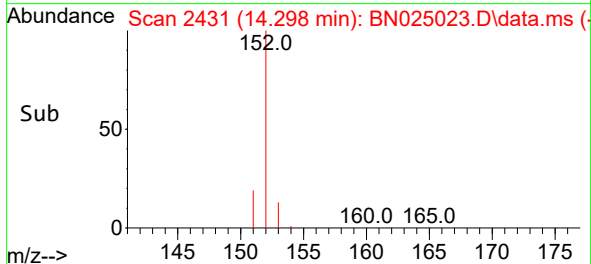
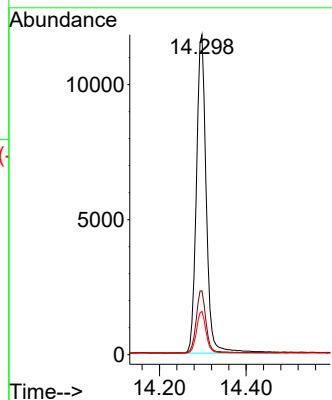
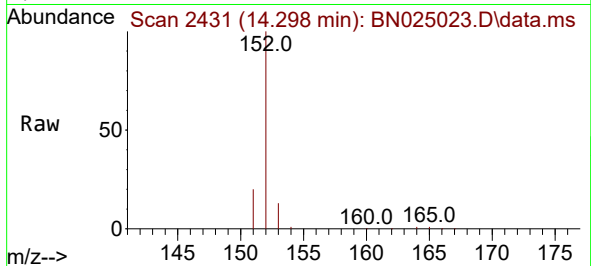




#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

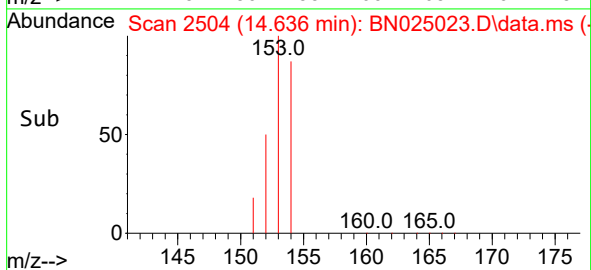
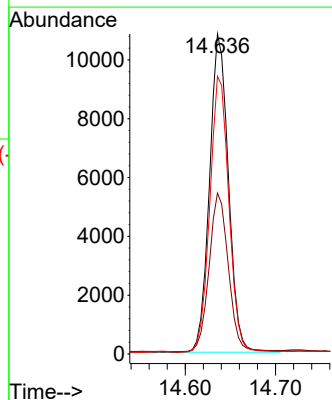
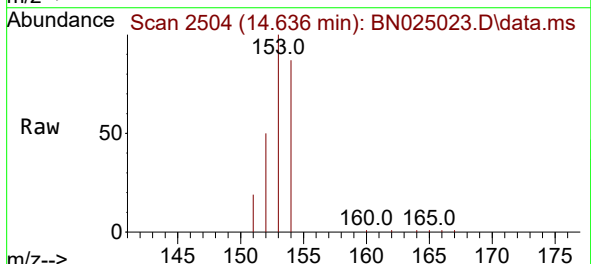
Instrument :
BNA_N
ClientSampleId :

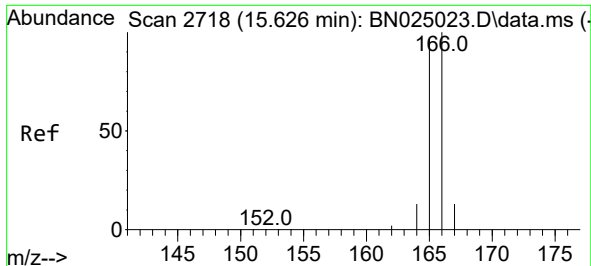
Tgt Ion:152 Resp: 18632
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.636 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

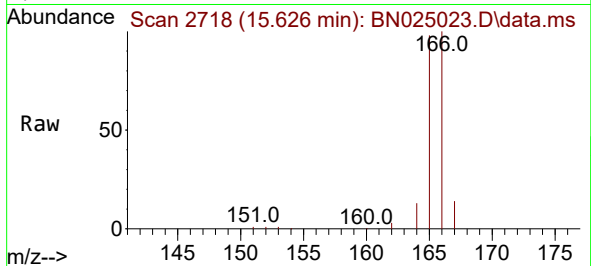
Tgt Ion:153 Resp: 15743
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 86.8 69.4 104.2



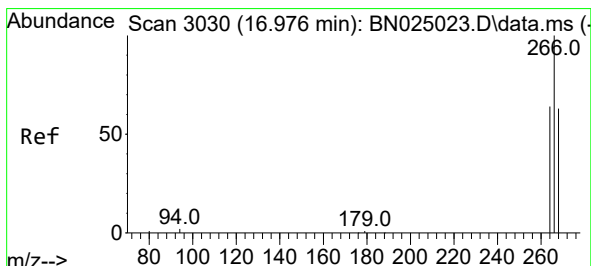
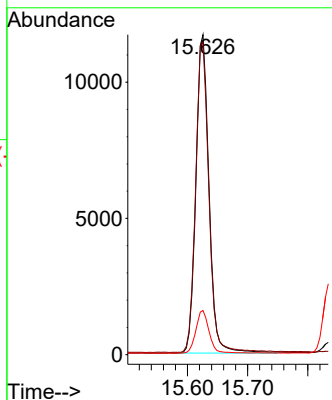
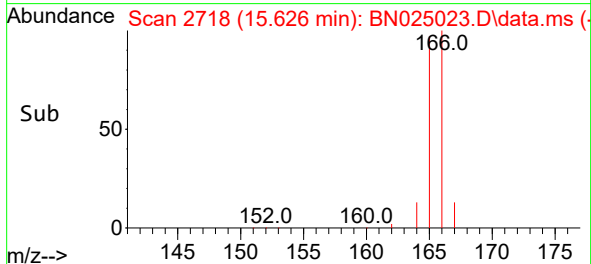


#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

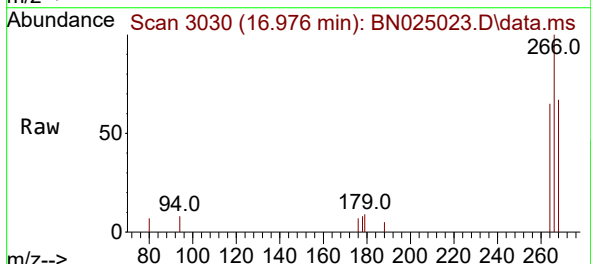
Instrument :
BNA_N
ClientSampleId :



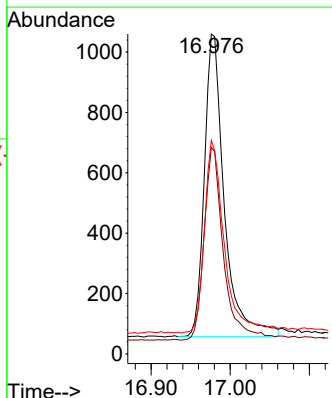
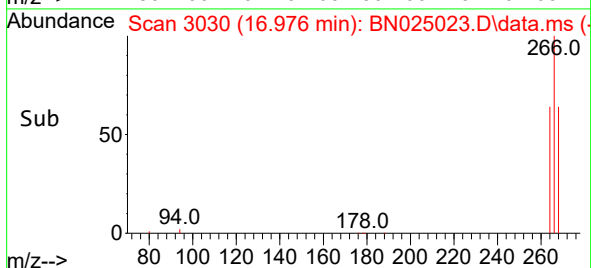
Tgt Ion:166 Resp: 17678
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.8 11.0 16.6

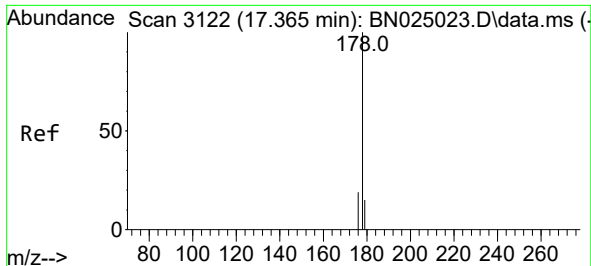


#14
Pentachlorophenol
Concen: 0.336 ng/ul
RT: 16.976 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22



Tgt Ion:266 Resp: 1750
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 64.1 51.3 76.9

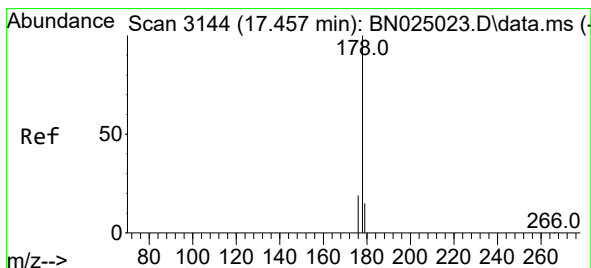
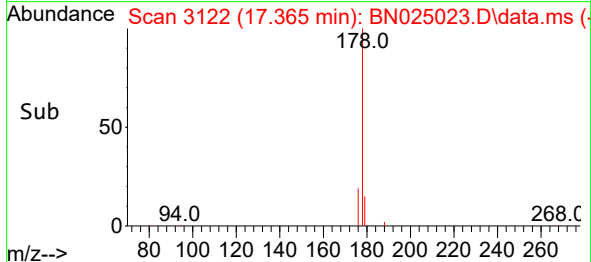
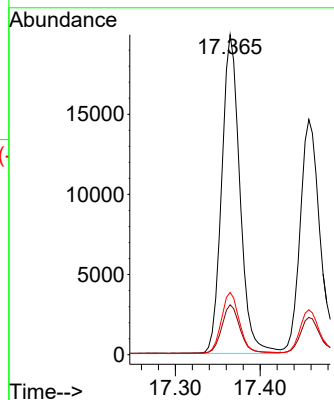
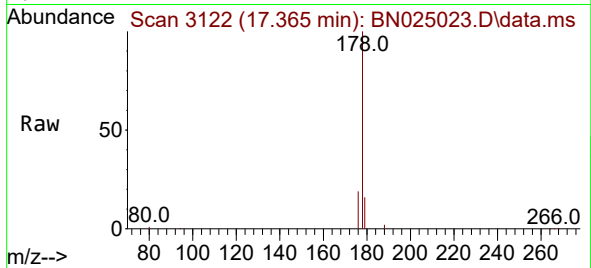




#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

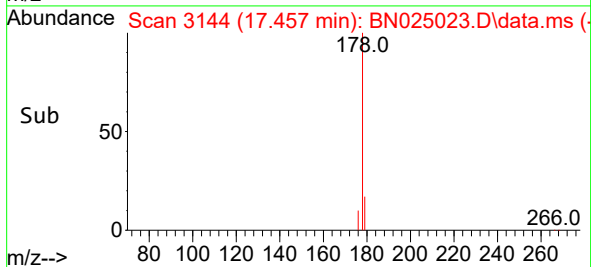
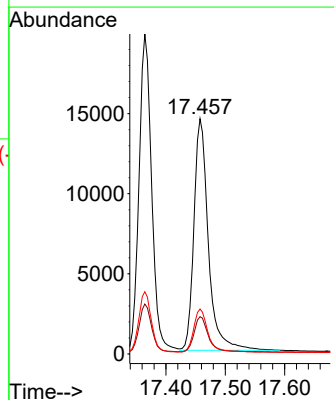
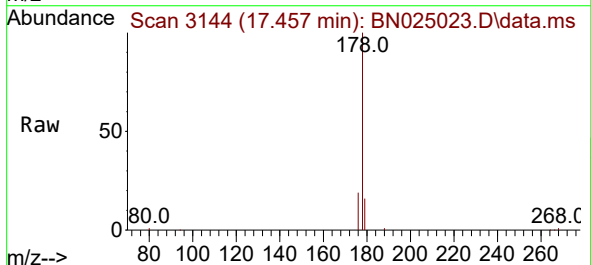
Instrument :
BNA_N
ClientSampleId :

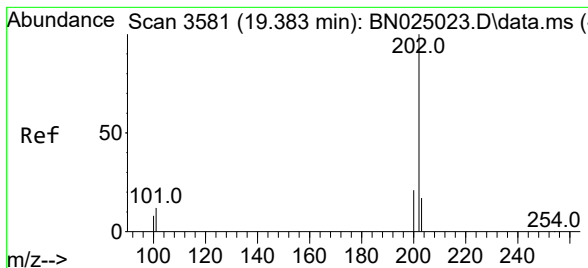
Tgt Ion:178 Resp: 29604
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.427 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

Tgt Ion:178 Resp: 24383
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.1 15.3 22.9





#19

Fluoranthene

Concen: 0.483 ng/ul

RT: 19.383 min Scan# 3581

Delta R.T. 0.000 min

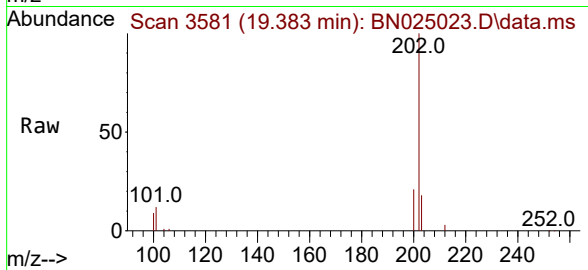
Lab File: BN025023.D

Acq: 20 Apr 2023 05:22

Instrument :

BNA_N

ClientSampleId :



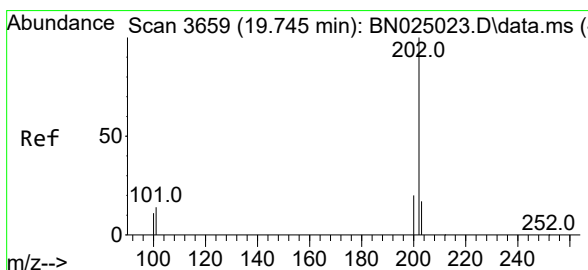
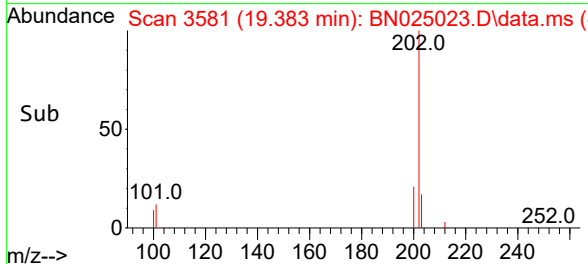
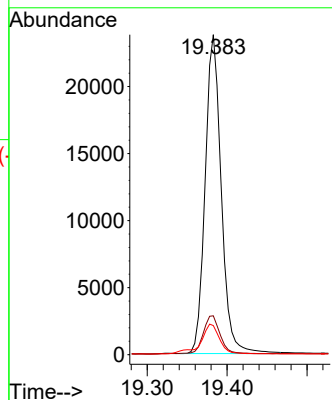
Tgt Ion:202 Resp: 33335

Ion Ratio Lower Upper

202 100

101 12.1 9.7 14.5

100 9.1 7.3 10.9



#20

Pyrene

Concen: 0.481 ng/ul

RT: 19.745 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BN025023.D

Acq: 20 Apr 2023 05:22

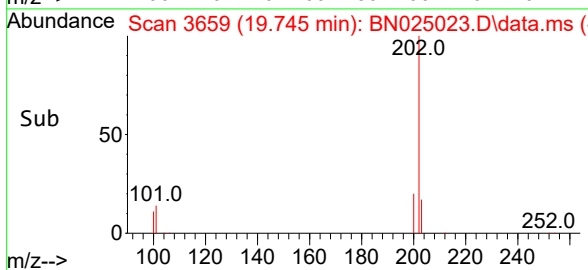
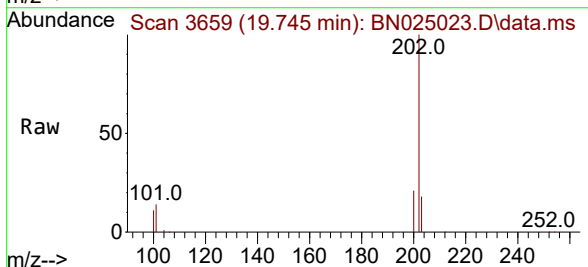
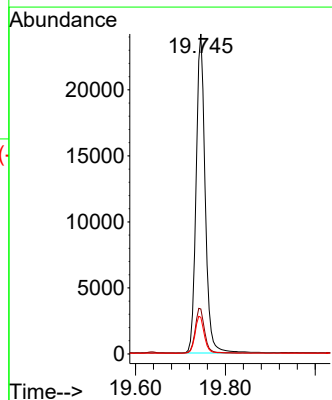
Tgt Ion:202 Resp: 34008

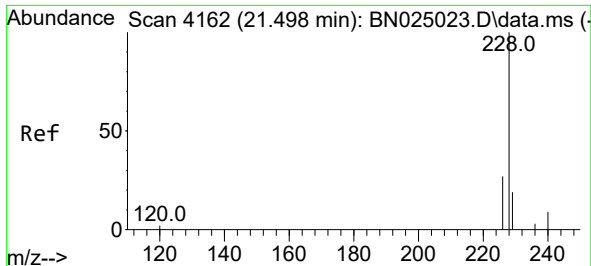
Ion Ratio Lower Upper

202 100

101 14.1 11.3 16.9

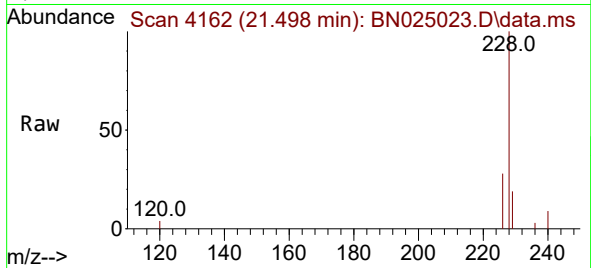
100 11.5 9.2 13.8



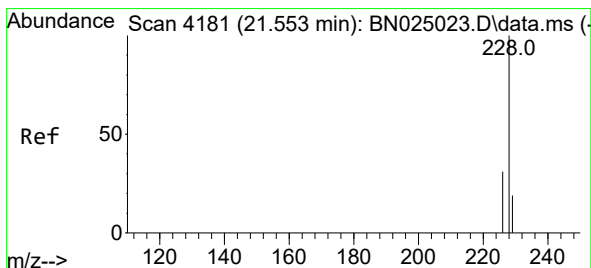
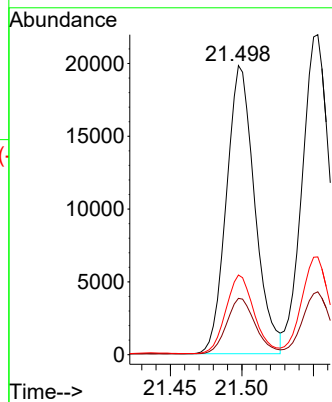
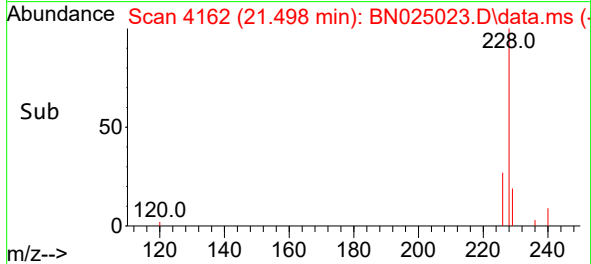


#21
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 21.498 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

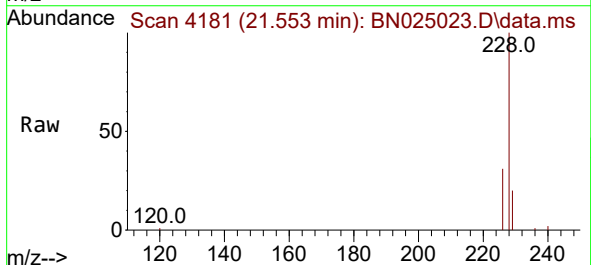
Instrument :
BNA_N
ClientSampleId :



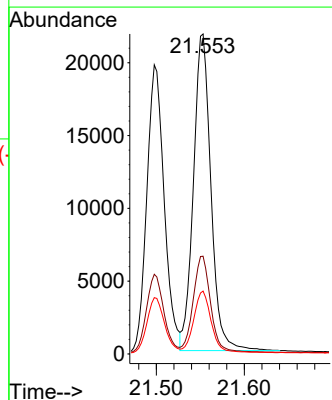
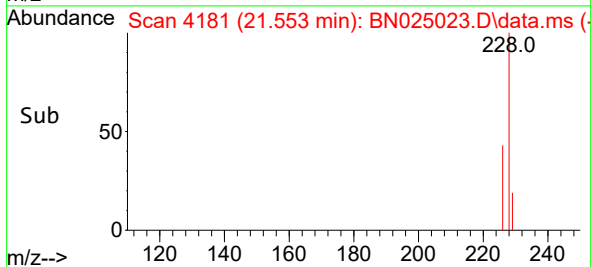
Tgt Ion:228 Resp: 27276
Ion Ratio Lower Upper
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229 19.5 15.6 23.4
226 27.6 22.1 33.1

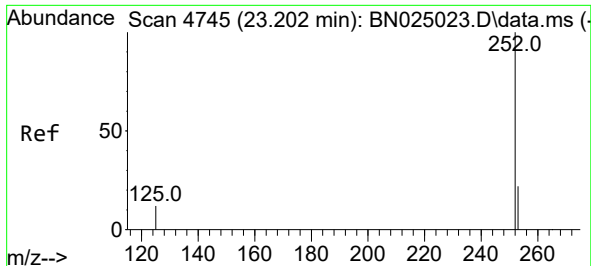


#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22



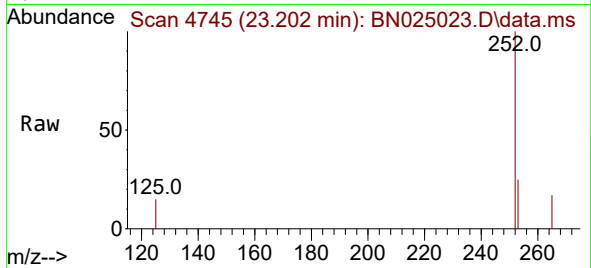
Tgt Ion:228 Resp: 30089
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.7 15.8 23.6



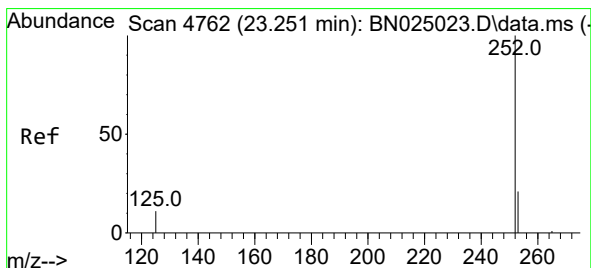
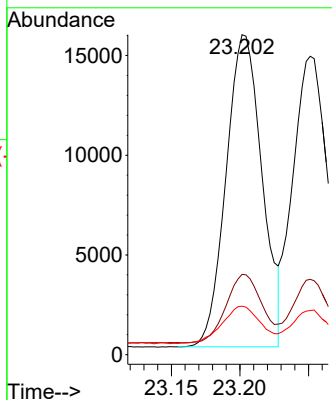


#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 23.202 min Scan# 4745
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

Instrument :
BNA_N
ClientSampleId :

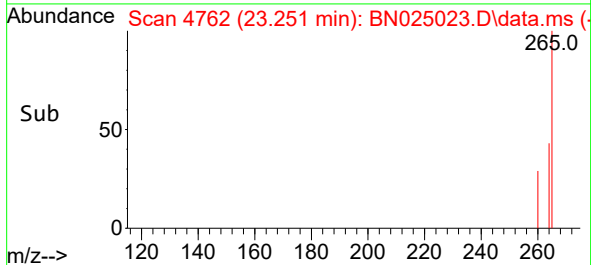
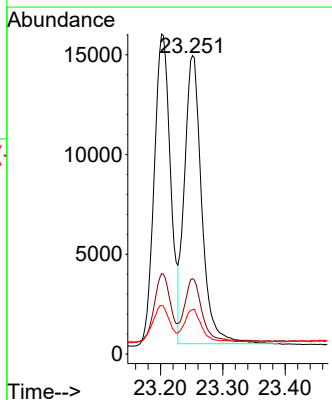
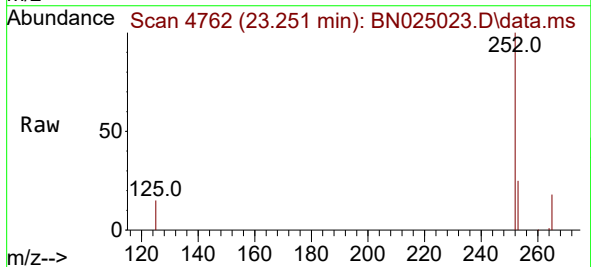


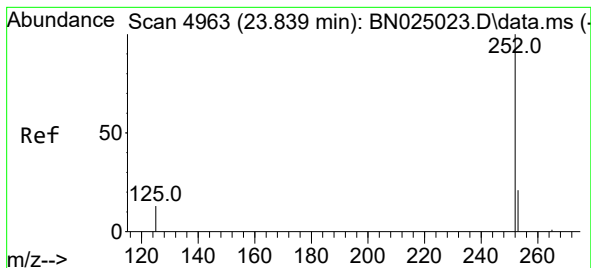
Tgt Ion:252 Resp: 28561
Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.2
125 15.2 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 23.251 min Scan# 4762
Delta R.T. 0.000 min
Lab File: BN025023.D
Acq: 20 Apr 2023 05:22

Tgt Ion:252 Resp: 27778
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 14.8 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.839 min Scan# 4963

Delta R.T. 0.000 min

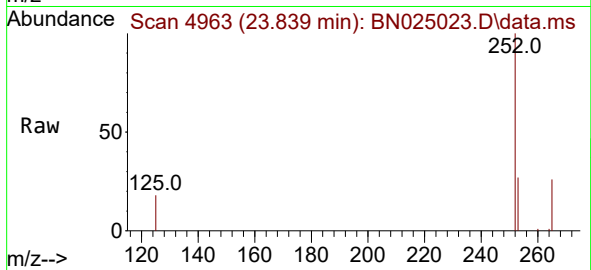
Lab File: BN025023.D

Acq: 20 Apr 2023 05:22

Instrument :

BNA_N

ClientSampleId :



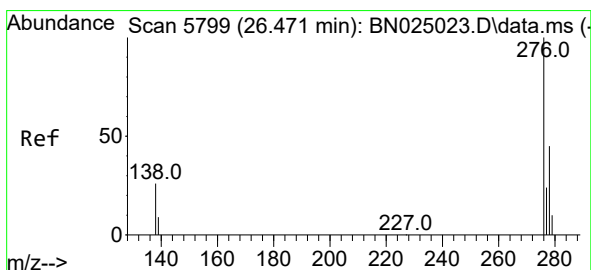
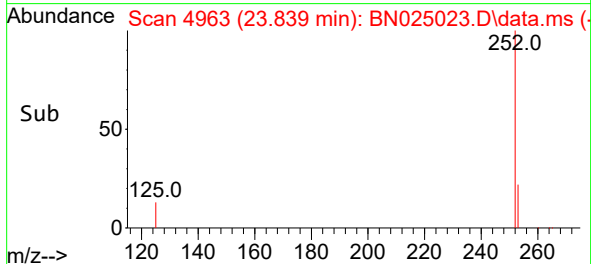
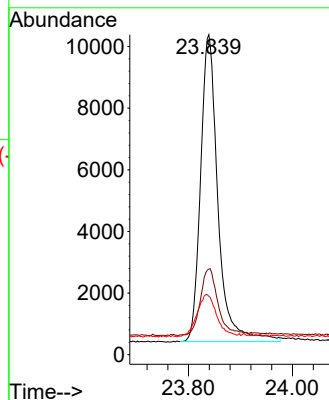
Tgt Ion:252 Resp: 23027

Ion Ratio Lower Upper

252 100

253 26.8 21.4 32.2

125 18.3 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.471 min Scan# 5799

Delta R.T. 0.000 min

Lab File: BN025023.D

Acq: 20 Apr 2023 05:22

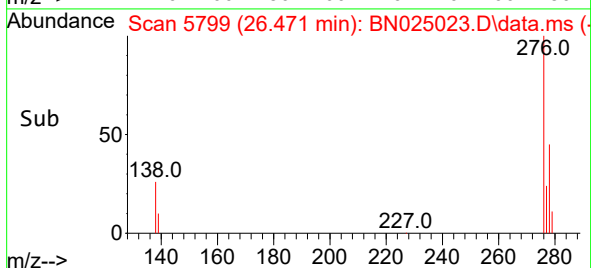
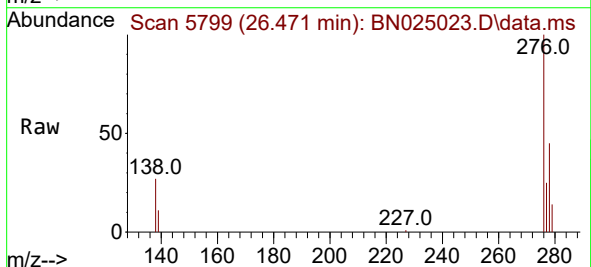
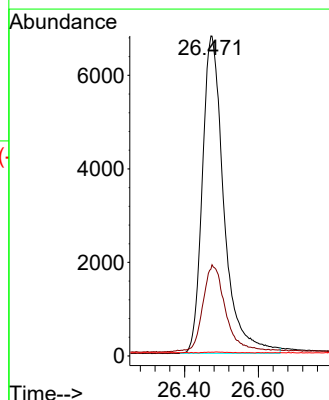
Tgt Ion:276 Resp: 27570

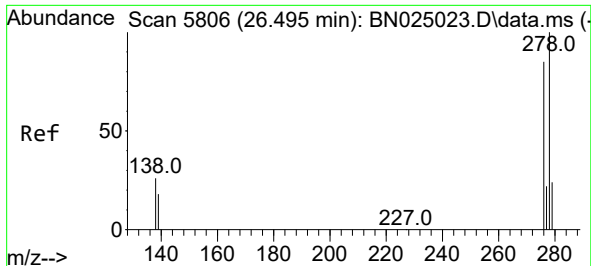
Ion Ratio Lower Upper

276 100

138 27.4 21.9 32.9

227 0.1 0.1 0.1

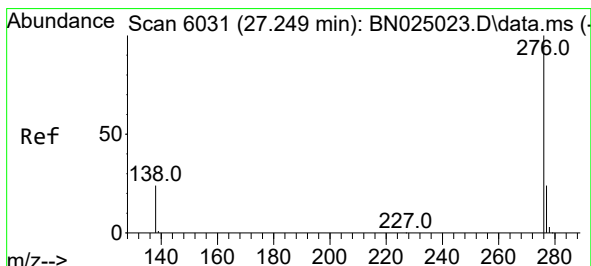
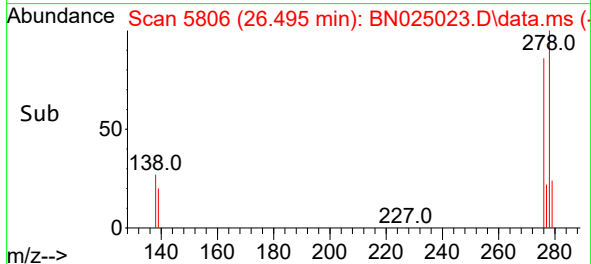
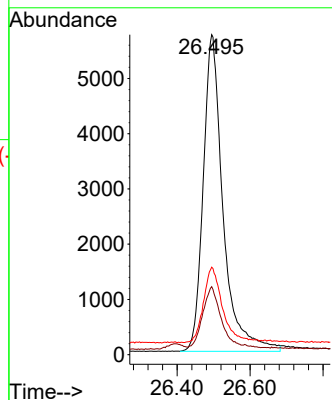
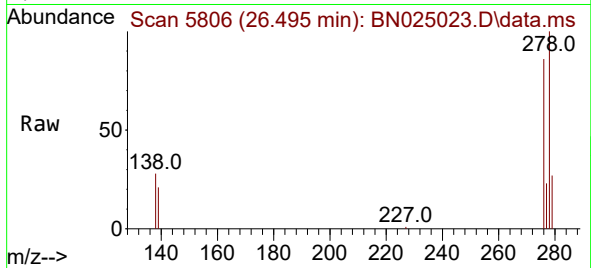




#28
 Dibenzo(a,h)anthracene
 Concen: 0.421 ng/ul
 RT: 26.495 min Scan# 5806
 Delta R.T. 0.000 min
 Lab File: BN025023.D
 Acq: 20 Apr 2023 05:22

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:278 Resp: 21632
 Ion Ratio Lower Upper
 278 100
 139 21.3 17.0 25.6
 279 27.3 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.430 ng/ul
 RT: 27.249 min Scan# 6031
 Delta R.T. 0.000 min
 Lab File: BN025023.D
 Acq: 20 Apr 2023 05:22

Tgt Ion:276 Resp: 23814
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.3 30.5
 277 24.7 19.8 29.6

