

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
 Data File : BN024839.D
 Acq On : 11 Apr 2023 17:12
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 12 01:11:10 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 00:52:14 2023
 Response via : Initial Calibration

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

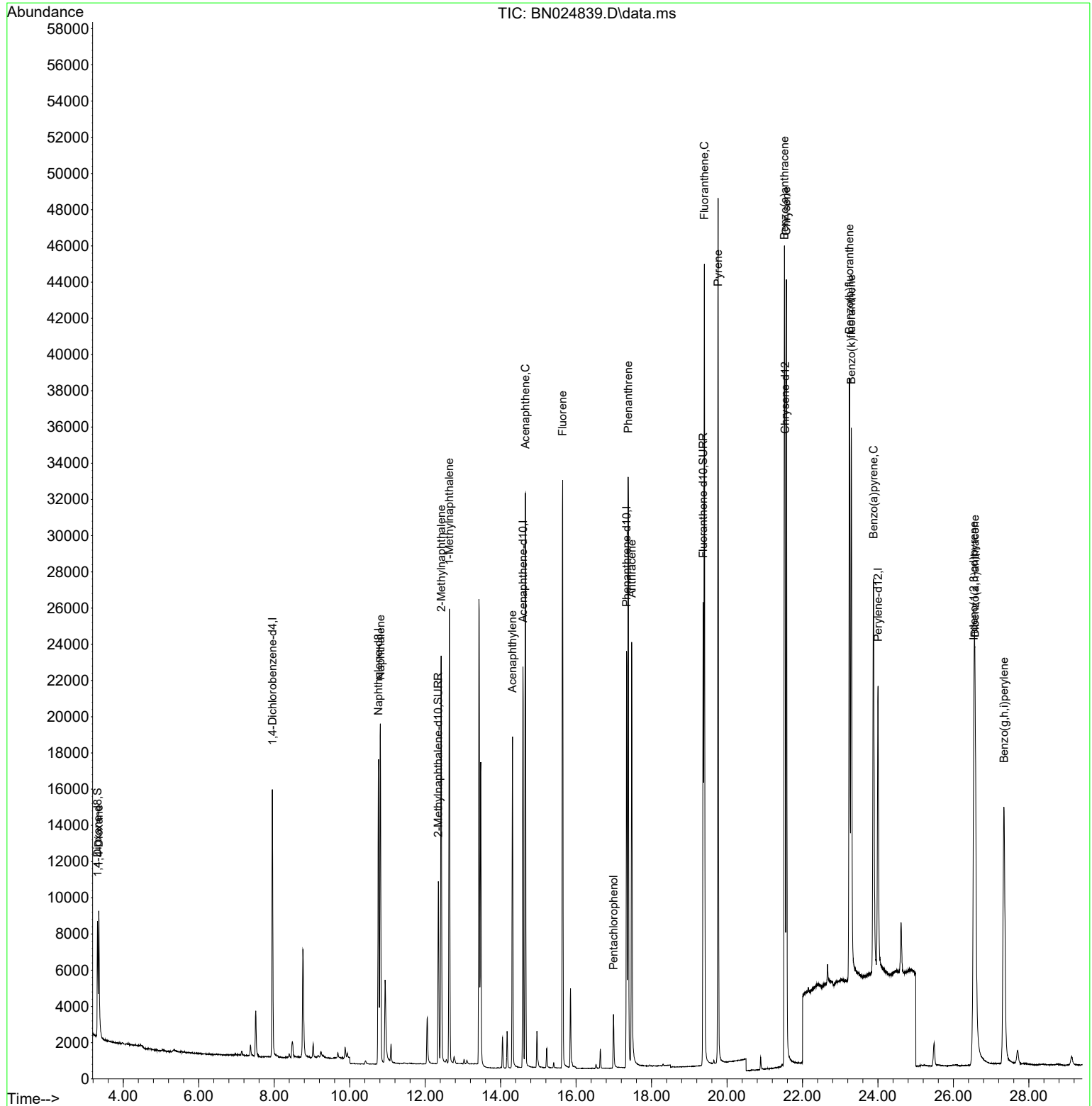
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	22160	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	12122	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	26688	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	24307	0.400	ng/ul	0.01
23) Perylene-d12	24.002	264	23072	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3980	0.456	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	13248	0.466	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	28346	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	4350	0.452	ng/ul	94
5) Naphthalene	10.814	128	26350	0.467	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	16303	0.464	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	17059	0.458	ng/ul	100
10) Acenaphthylene	14.316	152	21271	0.468	ng/ul	100
11) Acenaphthene	14.658	153	18355	0.471	ng/ul	99
12) Fluorene	15.643	166	20578	0.471	ng/ul	99
14) Pentachlorophenol	16.992	266	2179	0.383	ng/ul	99
15) Phenanthrene	17.381	178	34453	0.458	ng/ul	100
16) Anthracene	17.473	178	28445	0.455	ng/ul	99
19) Fluoranthene	19.400	202	39055	0.467	ng/ul	99
20) Pyrene	19.763	202	40043	0.467	ng/ul	100
21) Benzo(a)anthracene	21.520	228	36412	0.474	ng/ul	99
22) Chrysene	21.576	228	40115	0.483	ng/ul	100
24) Benzo(b)fluoranthene	23.245	252	44783	0.484	ng/ul	98
25) Benzo(k)fluoranthene	23.294	252	42579	0.472	ng/ul	99
26) Benzo(a)pyrene	23.882	252	37410	0.487	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	43396	0.479	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.574	278	33313	0.468	ng/ul	100
29) Benzo(g,h,i)perylene	27.339	276	35537	0.464	ng/ul	100

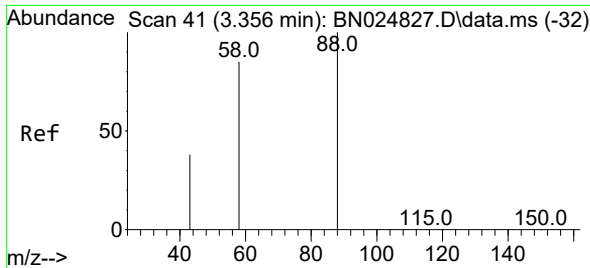
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
Data File : BN024839.D
Acq On : 11 Apr 2023 17:12
Operator : CG/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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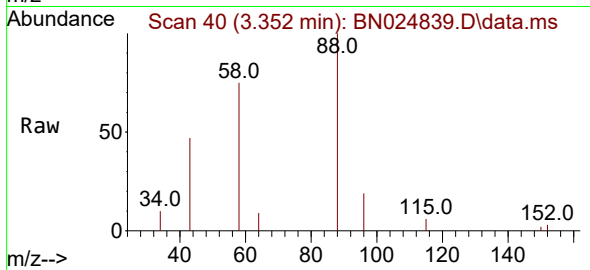
Quant Time: Apr 12 01:11:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 00:52:14 2023
Response via : Initial Calibration



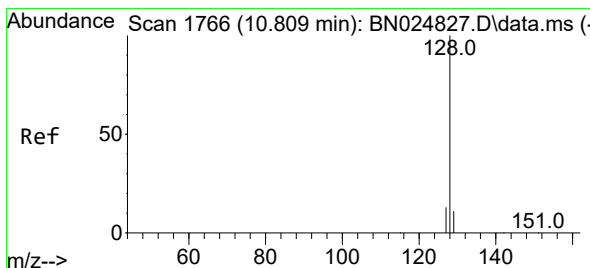
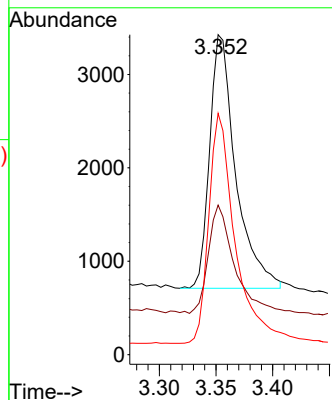
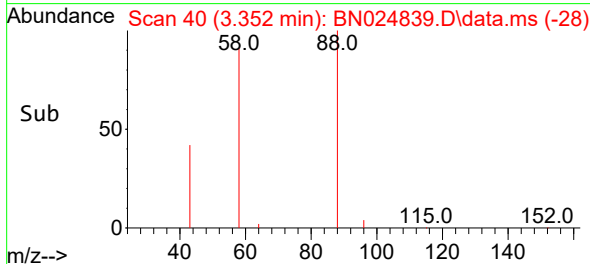


#2
1,4-Dioxane
Concen: 0.452 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.000 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

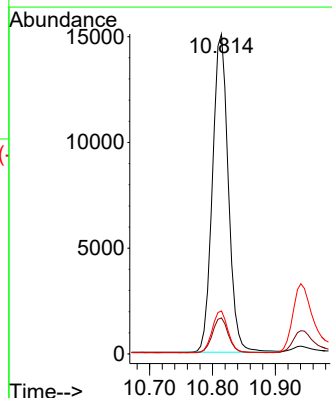
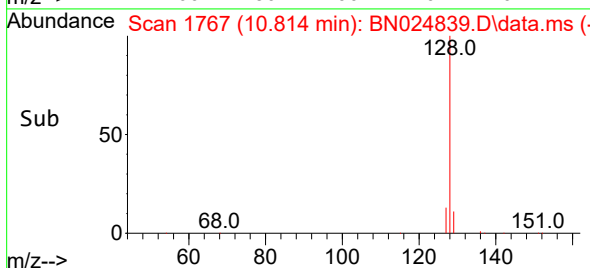
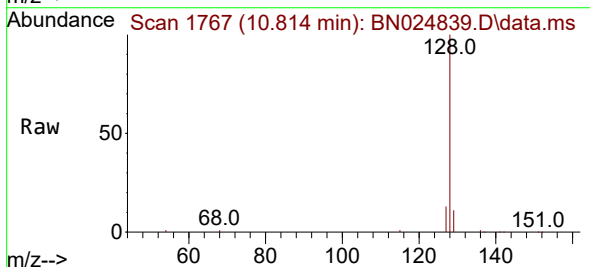


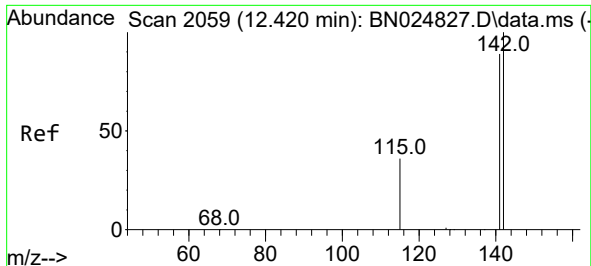
Tgt Ion: 88 Resp: 4350
Ion Ratio Lower Upper
88 100
43 46.7 39.1 58.7
58 75.4 65.7 98.5



#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Tgt Ion: 128 Resp: 26350
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.5 15.7

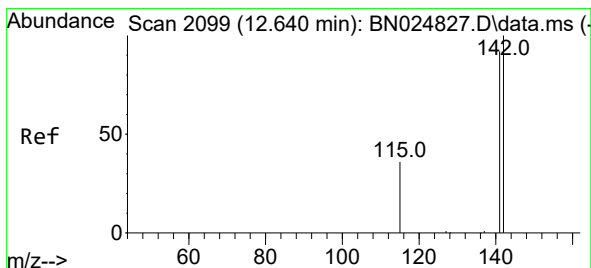
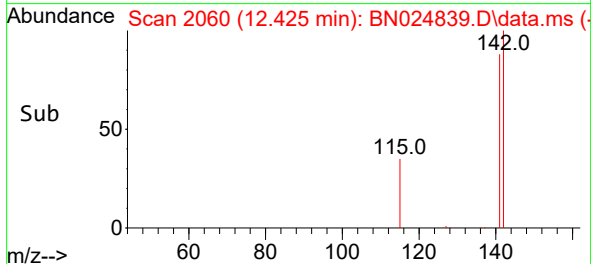
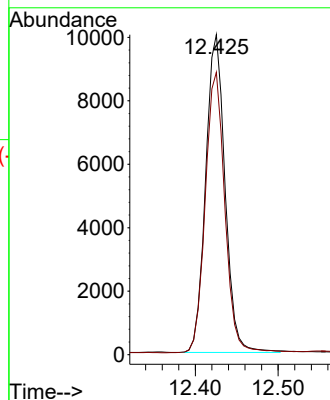
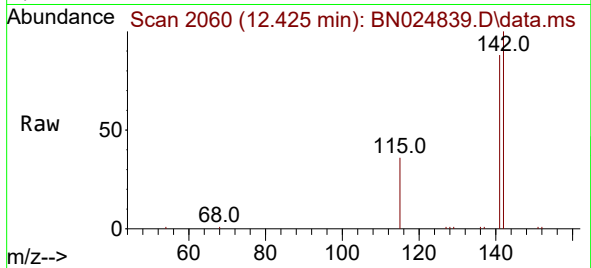




#7
2-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.425 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

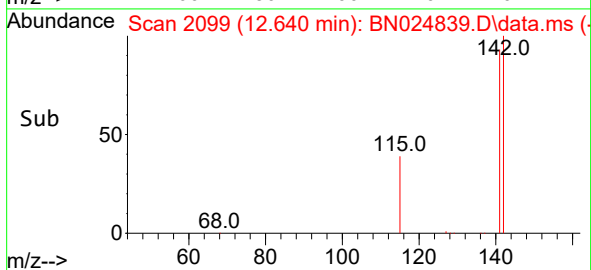
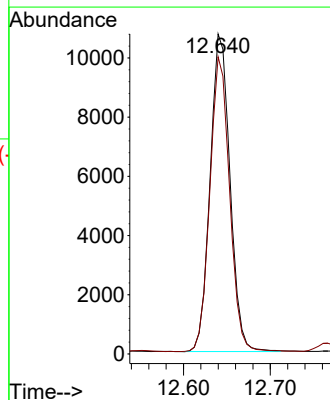
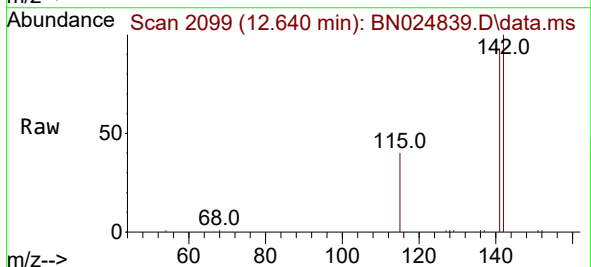
Instrument :
BNA_N
ClientSampleId :

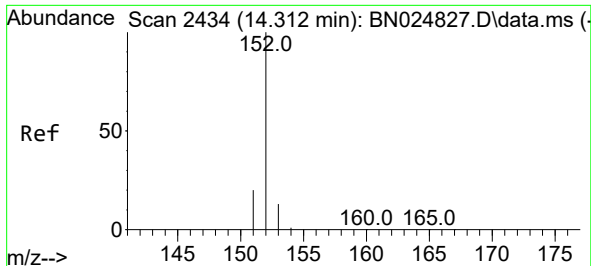
Tgt Ion:142 Resp: 16303
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

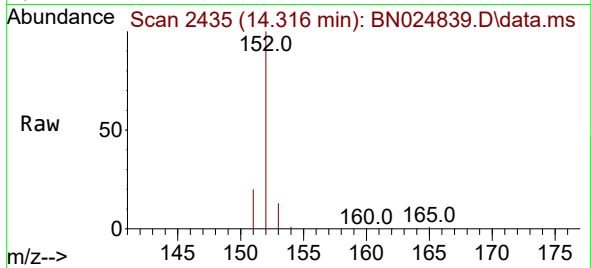
Tgt Ion:142 Resp: 17059
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0



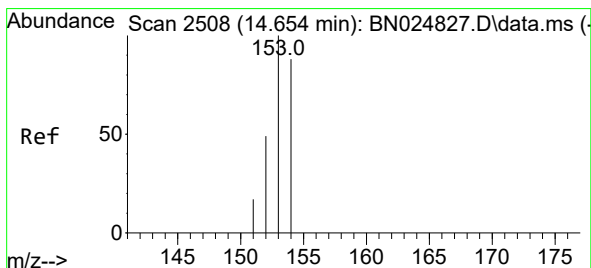
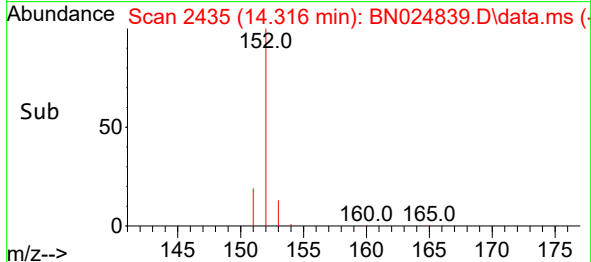
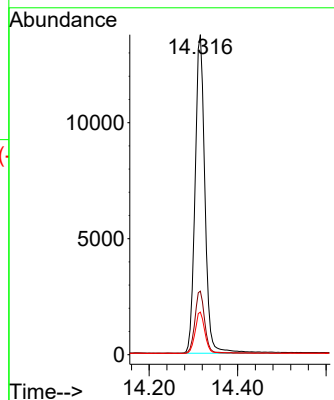


#10
Acenaphthylene
Concen: 0.468 ng/ul
RT: 14.316 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

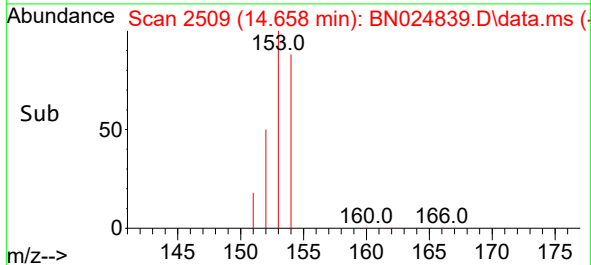
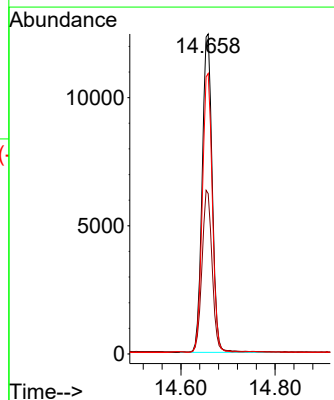
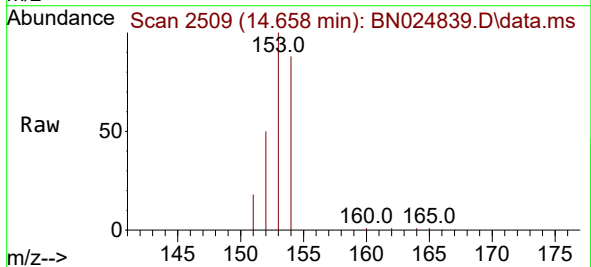


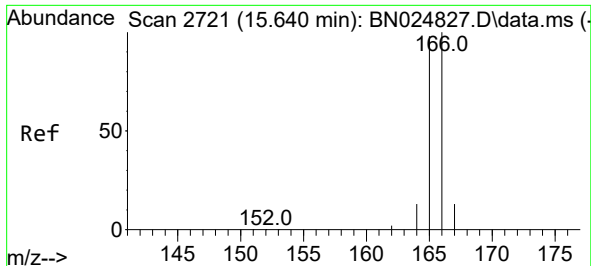
Tgt Ion:152 Resp: 21271
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.471 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.004 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Tgt Ion:153 Resp: 18355
Ion Ratio Lower Upper
153 100
152 50.1 40.7 61.1
154 87.6 69.4 104.2

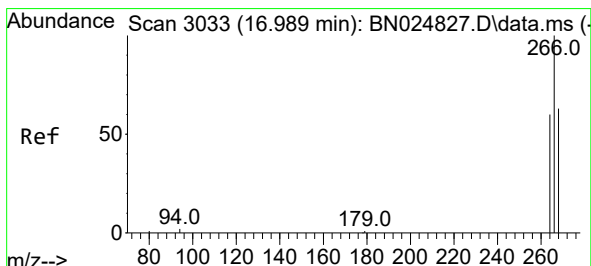
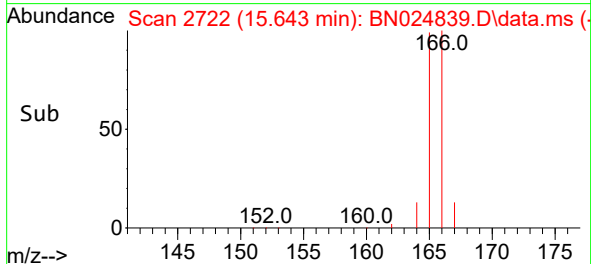
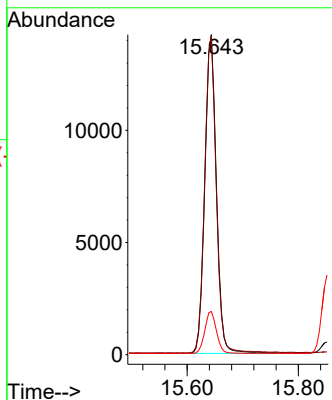
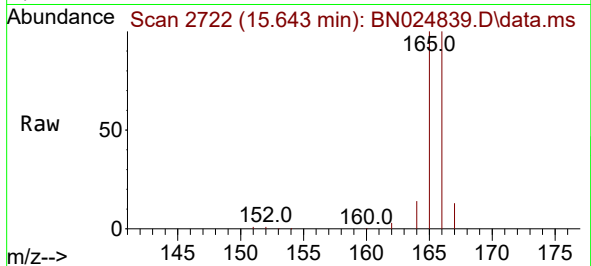




#12
Fluorene
Concen: 0.471 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

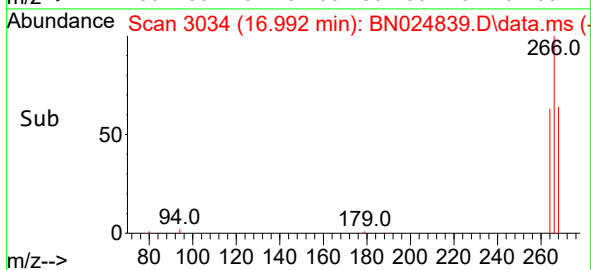
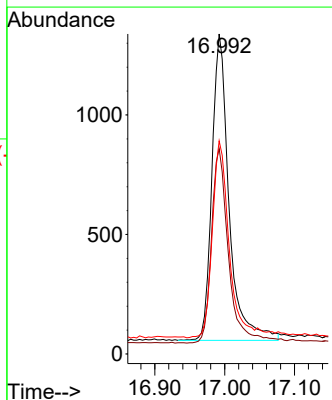
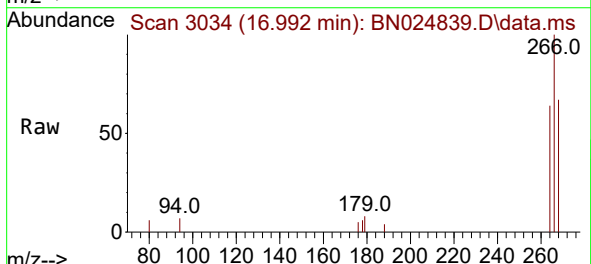
Instrument :
BNA_N
ClientSampleId :

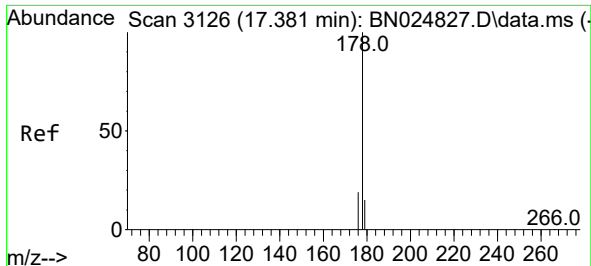
Tgt Ion:166 Resp: 20578
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.5 10.7 16.1



#14
Pentachlorophenol
Concen: 0.383 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.001 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

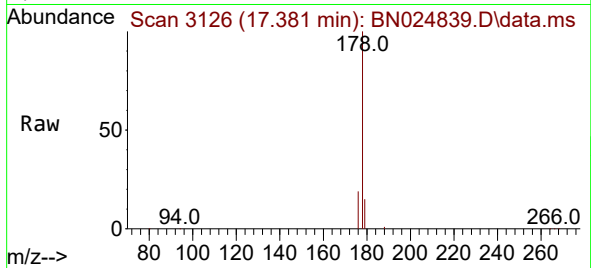
Tgt Ion:266 Resp: 2179
Ion Ratio Lower Upper
266 100
264 63.0 51.2 76.8
268 64.2 51.4 77.2



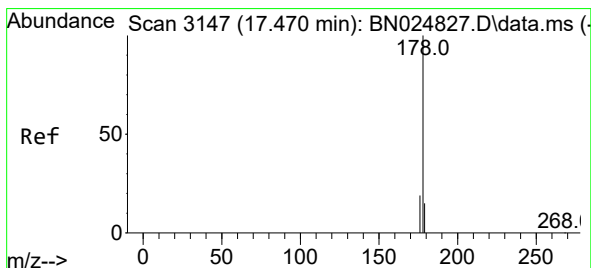
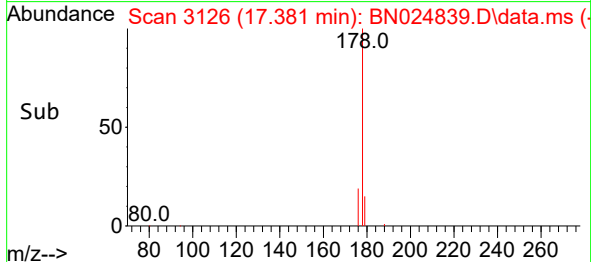
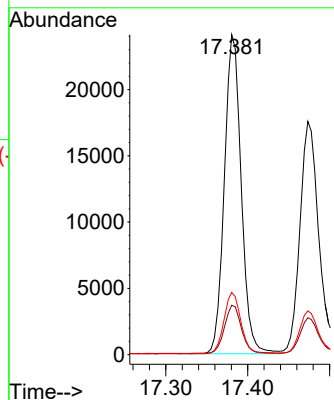


#15
Phenanthrene
Concen: 0.458 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

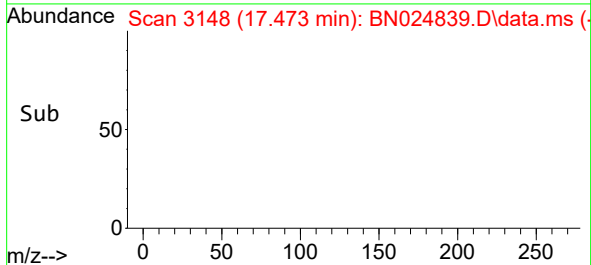
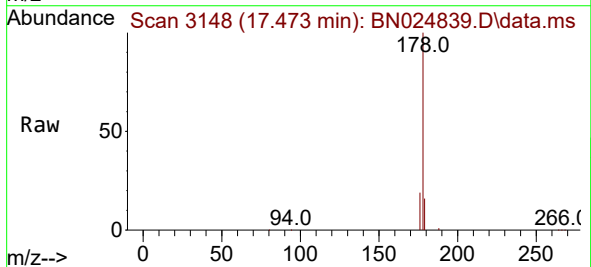
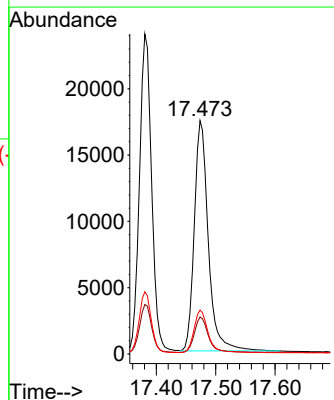


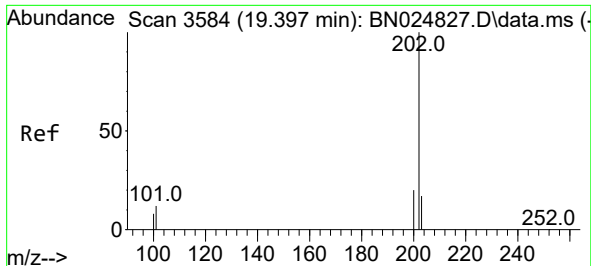
Tgt Ion:178 Resp: 34453
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.5 15.4 23.0



#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Tgt Ion:178 Resp: 28445
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 18.8 14.7 22.1

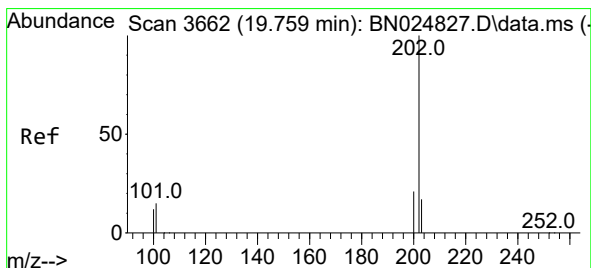
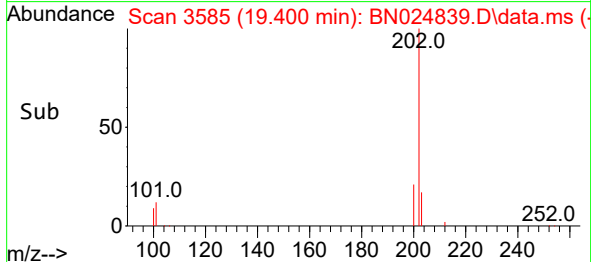
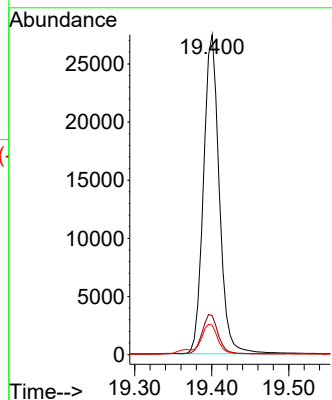
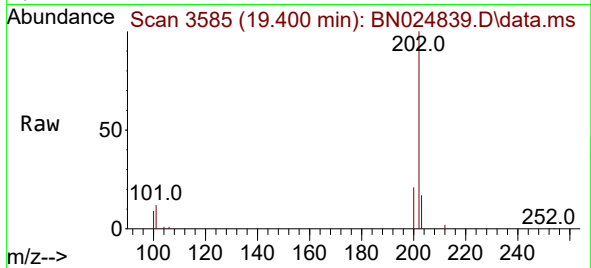




#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

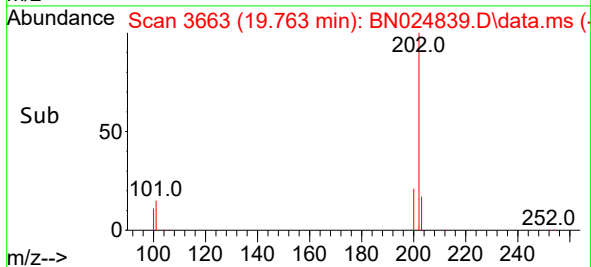
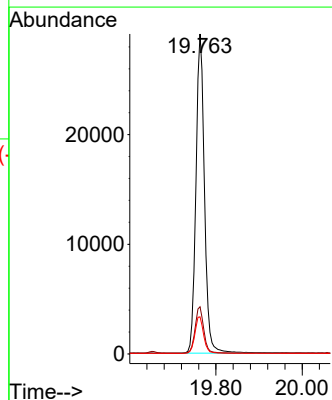
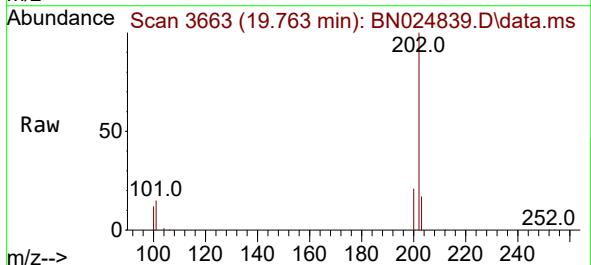
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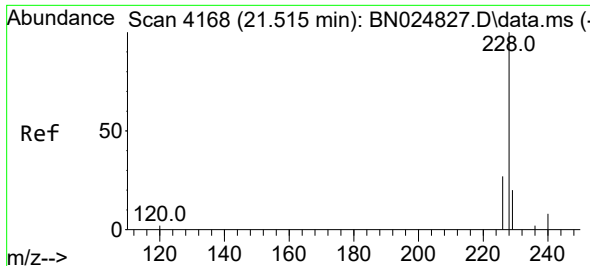
Tgt Ion:202 Resp: 39055
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.2 7.5 11.3



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

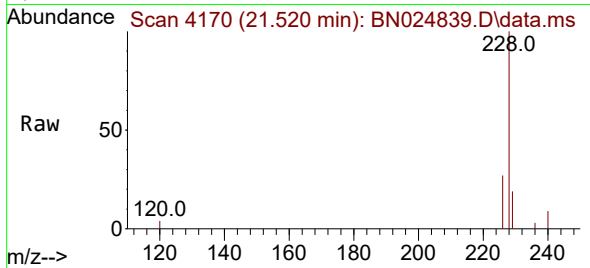
Tgt Ion:202 Resp: 40043
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 11.6 9.5 14.3



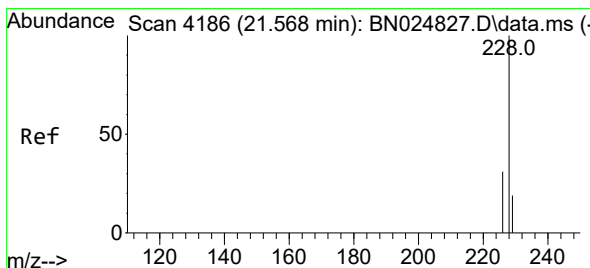
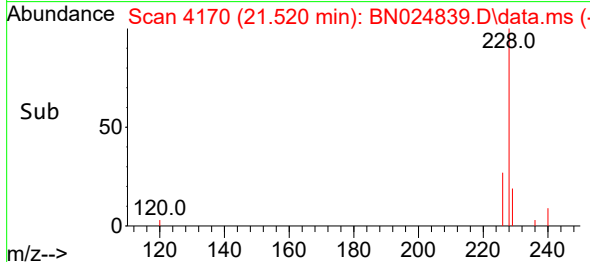
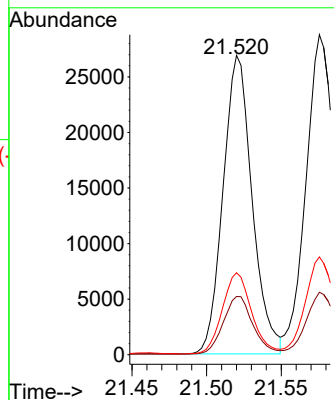


#21
Benzo(a)anthracene
Concen: 0.474 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. 0.011 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

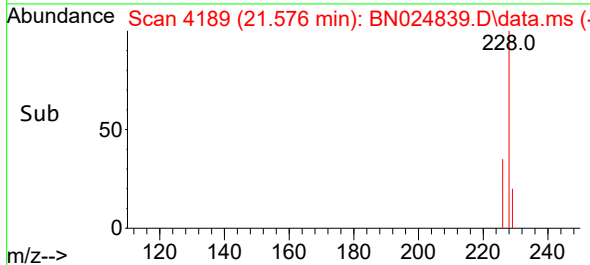
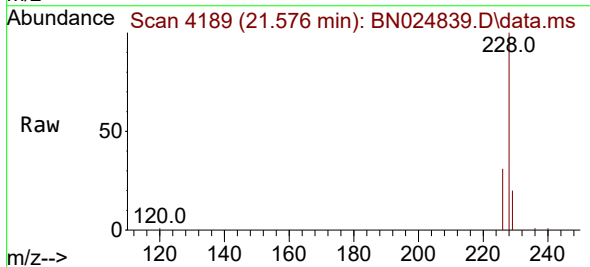
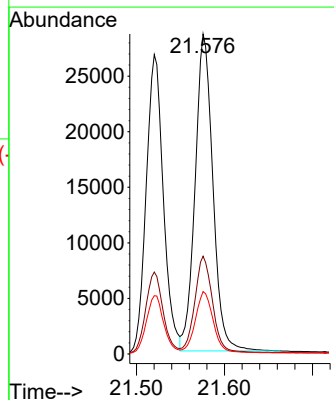


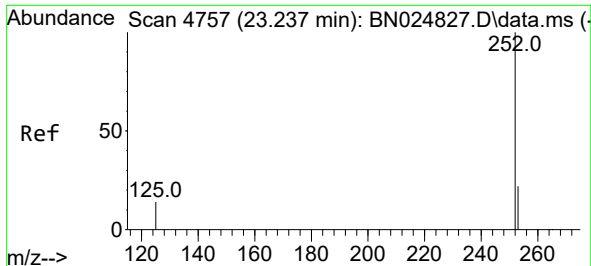
Tgt Ion:228 Resp: 36412
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.483 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. 0.011 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

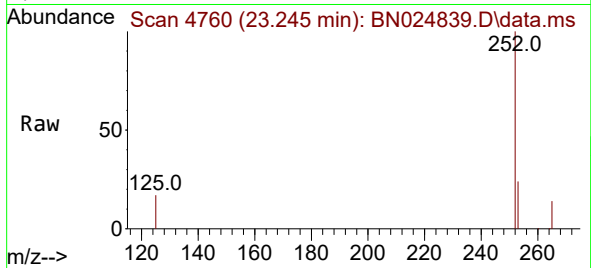
Tgt Ion:228 Resp: 40115
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.5 15.7 23.5



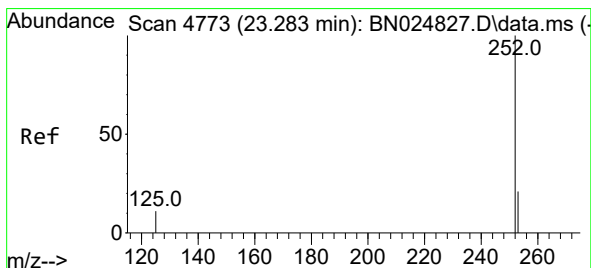
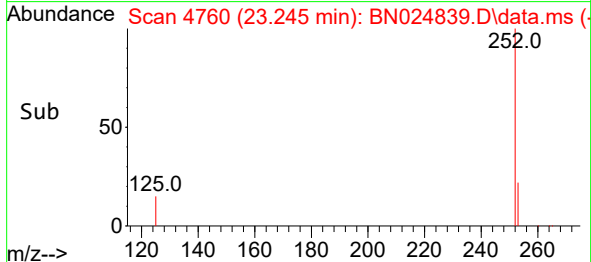
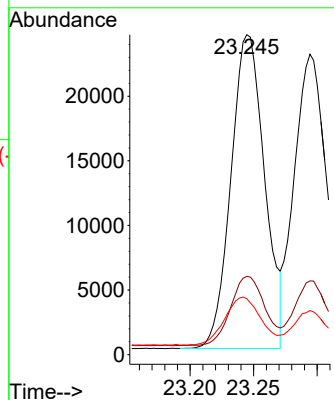


#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 23.245 min Scan# 4757
Delta R.T. 0.017 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

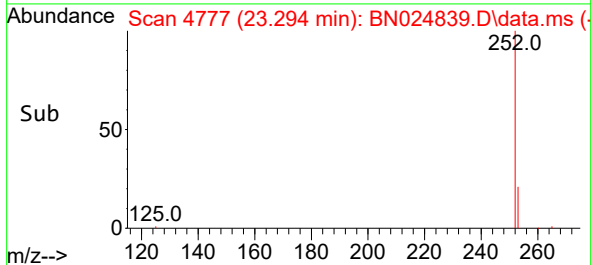
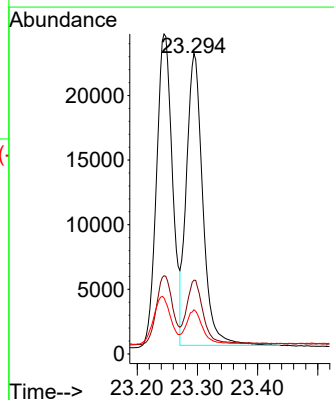
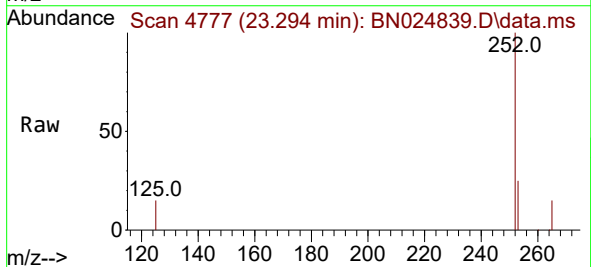


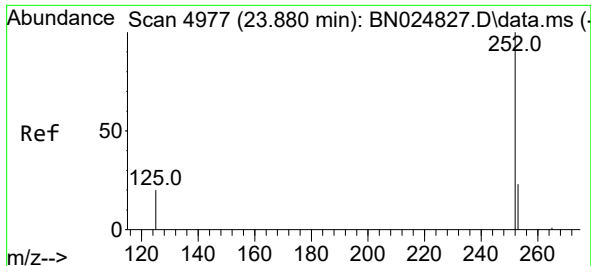
Tgt Ion:252 Resp: 44783
Ion Ratio Lower Upper
252 100
253 24.5 0.0 49.4
125 17.5 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 23.294 min Scan# 4777
Delta R.T. 0.014 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

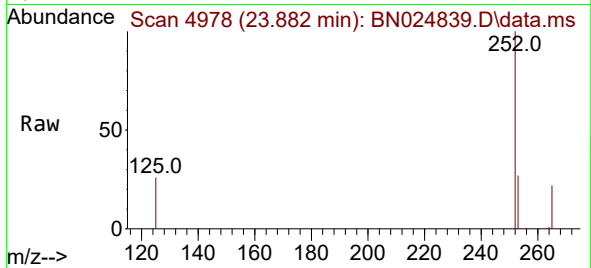
Tgt Ion:252 Resp: 42579
Ion Ratio Lower Upper
252 100
253 24.5 20.1 30.1
125 14.7 12.2 18.2



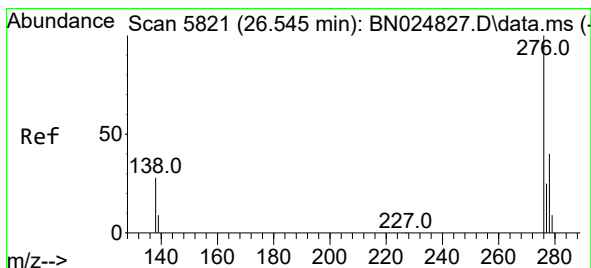
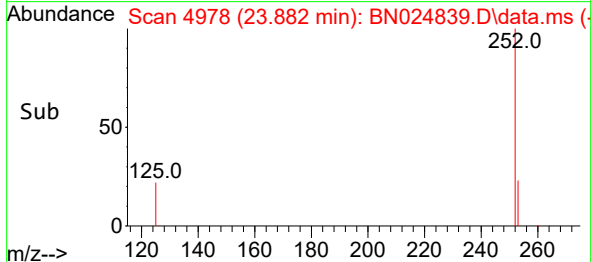
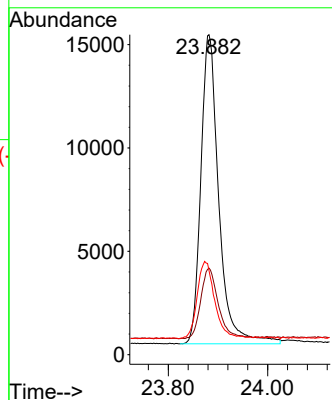


#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.882 min Scan# 4977
Delta R.T. 0.014 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

Instrument :
BNA_N
ClientSampleId :

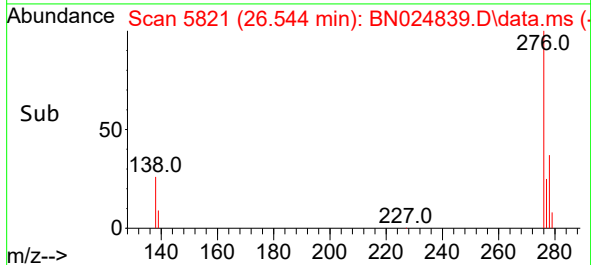
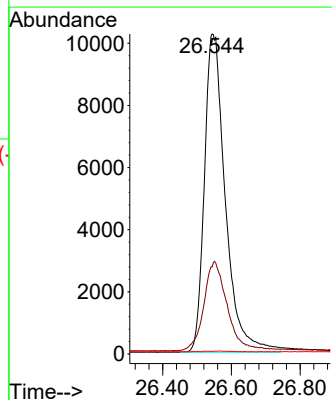
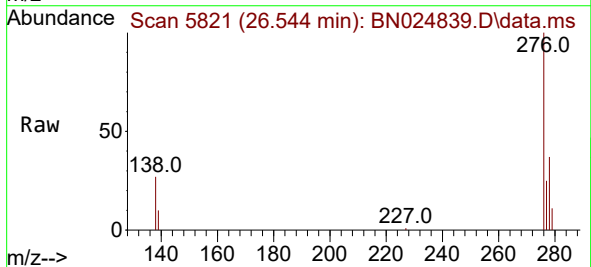


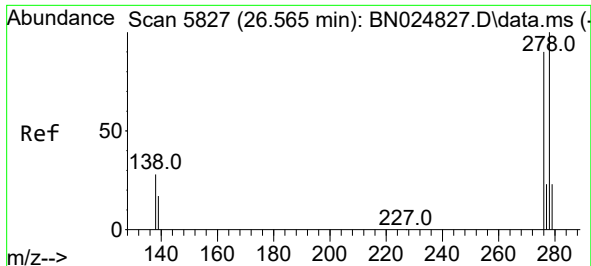
Tgt Ion:252 Resp: 37410
Ion Ratio Lower Upper
252 100
253 27.1 20.7 31.1
125 26.3 15.9 23.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. 0.009 min
Lab File: BN024839.D
Acq: 11 Apr 2023 17:12

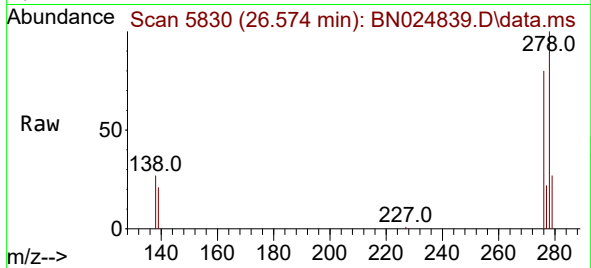
Tgt Ion:276 Resp: 43396
Ion Ratio Lower Upper
276 100
138 31.2 24.2 36.2
227 0.1 0.0 0.0#



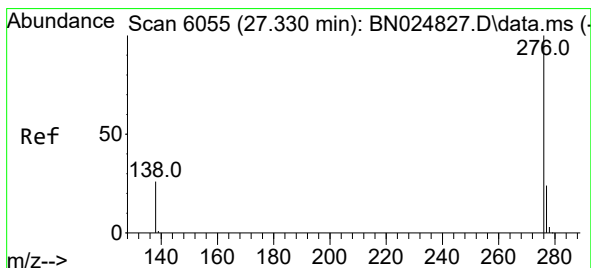
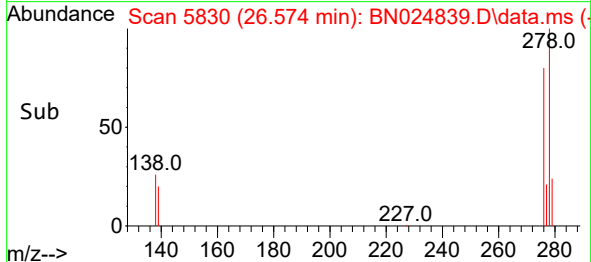
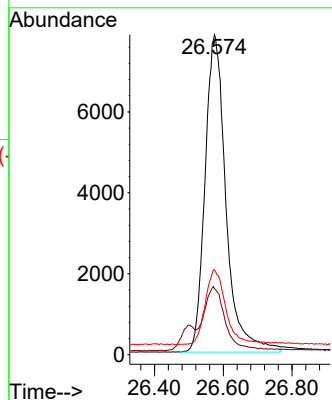


#28
 Dibenzo(a,h)anthracene
 Concen: 0.468 ng/ul
 RT: 26.574 min Scan# 5827
 Delta R.T. 0.016 min
 Lab File: BN024839.D
 Acq: 11 Apr 2023 17:12

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 33313
 Ion Ratio Lower Upper
 278 100
 139 20.6 16.4 24.6
 279 26.5 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.464 ng/ul
 RT: 27.339 min Scan# 6058
 Delta R.T. 0.012 min
 Lab File: BN024839.D
 Acq: 11 Apr 2023 17:12

Tgt Ion:276 Resp: 35537
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.0 31.4
 277 24.4 19.7 29.5

