

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023867.D
 Acq On : 31 Jan 2023 18:39
 Operator : CG/JU
 Sample : PB150490BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS490

Quant Time: Feb 01 01:03:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:00:14 2023
 Response via : Initial Calibration

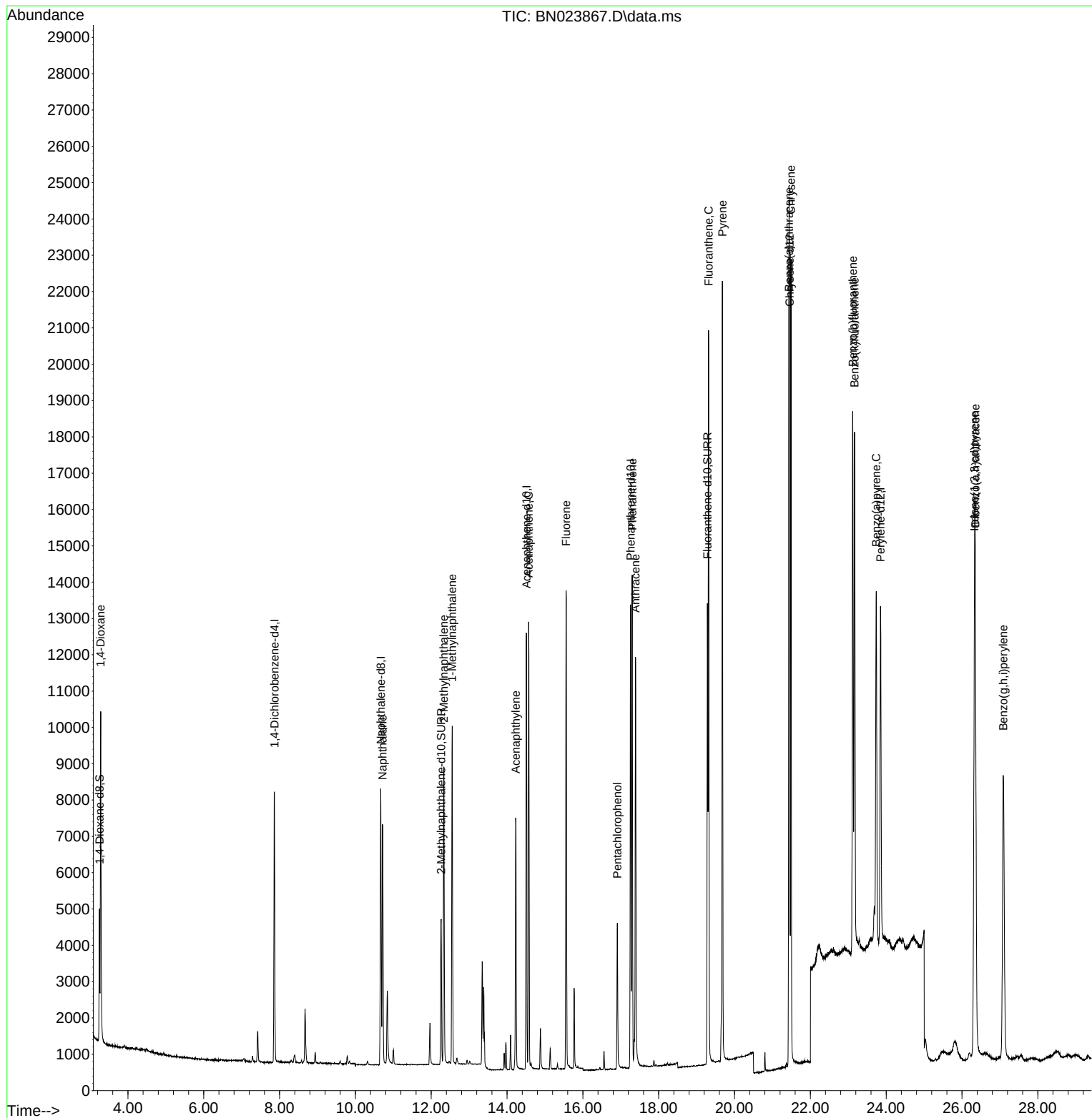
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.863	152	3733	0.400 ng/ul	0.00
4) Naphthalene-d8	10.667	136	10162	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.511	164	6537	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.259	188	15131	0.400 ng/ul	0.00
17) Chrysene-d12	21.452	240	15027	0.400 ng/ul	0.00
23) Perylene-d12	23.852	264	13180	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.248	96	2358	0.589 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	5212	0.328 ng/ul	0.00
18) Fluoranthene-d10	19.285	212	14265	0.353 ng/ul	0.00
Target Compounds					
				Qvalue	
2) 1,4-Dioxane	3.281	88	6303	1.487 ng/ul#	81
5) Naphthalene	10.716	128	8750	0.315 ng/ul	99
7) 2-Methylnaphthalene	12.333	142	5723	0.317 ng/ul	100
8) 1-Methylnaphthalene	12.553	142	6149	0.332 ng/ul	100
10) Acenaphthylene	14.229	152	7810	0.312 ng/ul	100
11) Acenaphthene	14.571	153	6815	0.310 ng/ul	99
12) Fluorene	15.557	166	8236	0.310 ng/ul	99
14) Pentachlorophenol	16.909	266	2621	0.525 ng/ul	98
15) Phenanthrene	17.302	178	14144	0.313 ng/ul	99
16) Anthracene	17.390	178	12239	0.324 ng/ul	99
19) Fluoranthene	19.313	202	17716	0.355 ng/ul	98
20) Pyrene	19.680	202	18269	0.353 ng/ul	99
21) Benzo(a)anthracene	21.435	228	17975	0.352 ng/ul	100
22) Chrysene	21.487	228	18614	0.346 ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	19399	0.333 ng/ul	100
25) Benzo(k)fluoranthene	23.165	252	19215	0.338 ng/ul	98
26) Benzo(a)pyrene	23.738	252	15956	0.329 ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.329	276	21451	0.315 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.352	278	17356	0.319 ng/ul	97
29) Benzo(g,h,i)perylene	27.087	276	17971	0.321 ng/ul	98

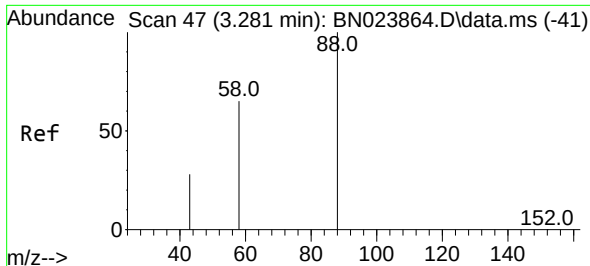
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 01:03:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:00:14 2023
Response via : Initial Calibration

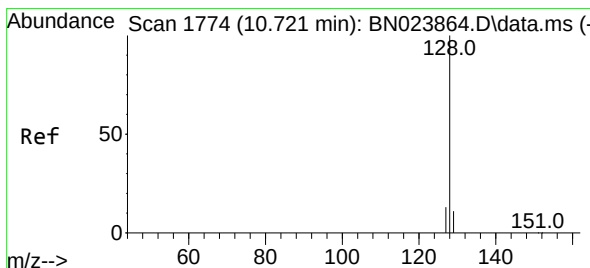
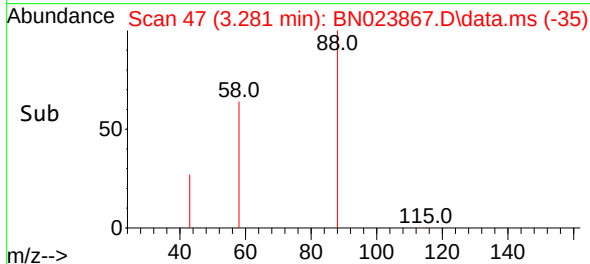
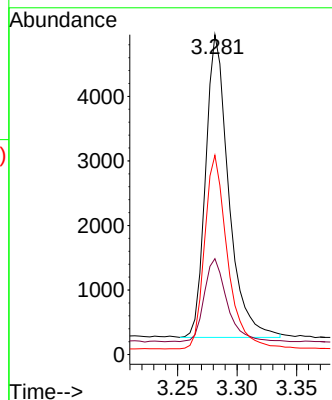
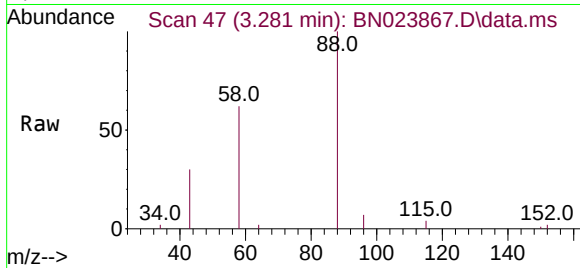




#2
 1,4-Dioxane
 Concen: 1.487 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN023867.D
 Acq: 31 Jan 2023 18:39

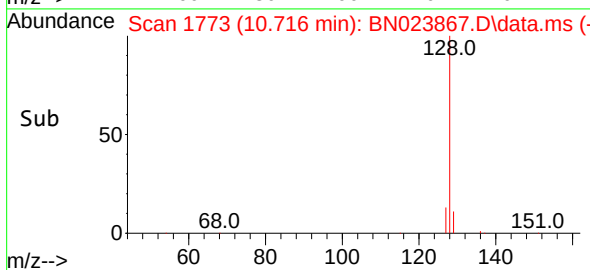
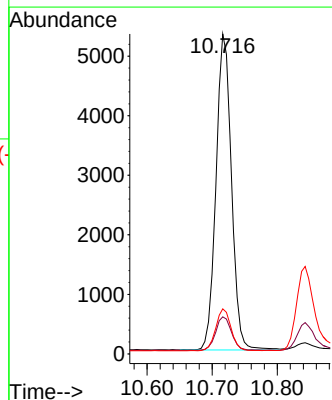
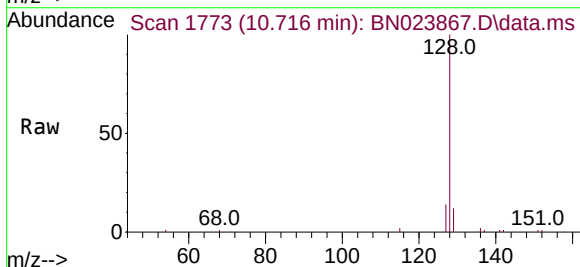
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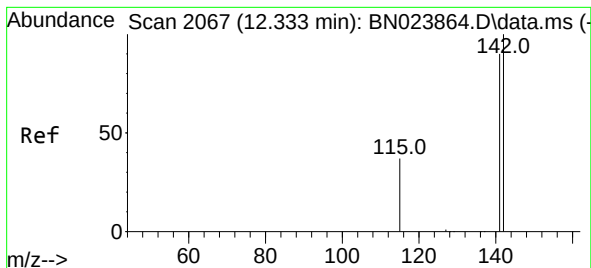
Tgt Ion: 88 Resp: 6303
 Ion Ratio Lower Upper
 88 100
 43 30.0 41.9 62.9#
 58 62.3 45.6 68.4



#5
 Naphthalene
 Concen: 0.315 ng/ul
 RT: 10.716 min Scan# 1773
 Delta R.T. -0.005 min
 Lab File: BN023867.D
 Acq: 31 Jan 2023 18:39

Tgt Ion: 128 Resp: 8750
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.7 14.5
 127 14.1 11.1 16.7

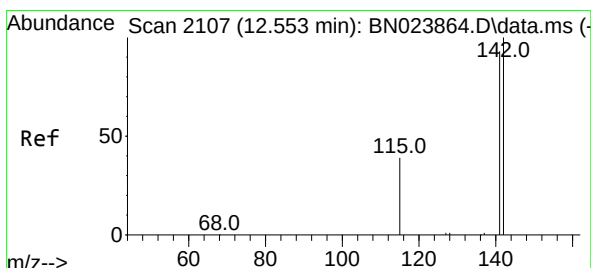
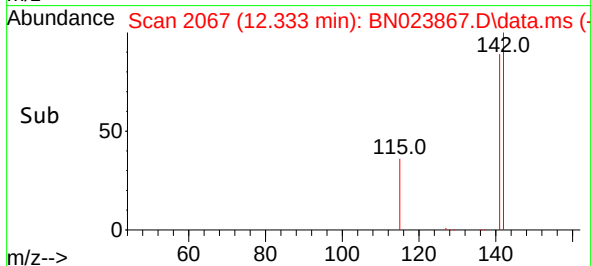
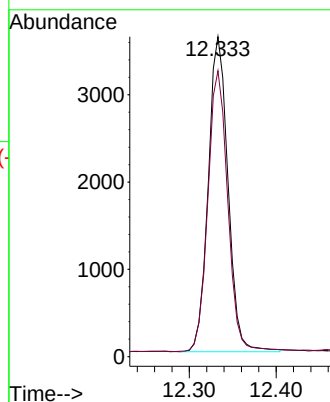
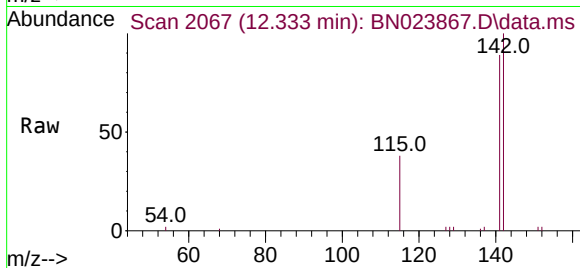




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

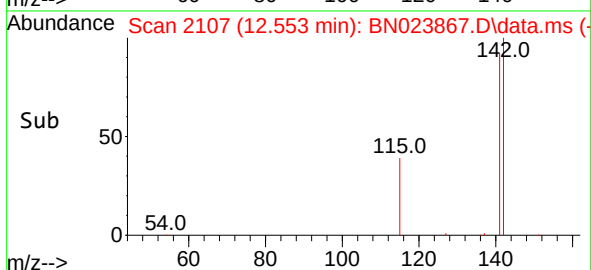
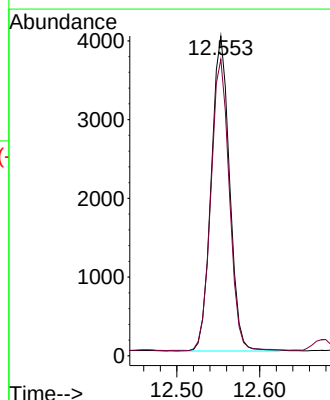
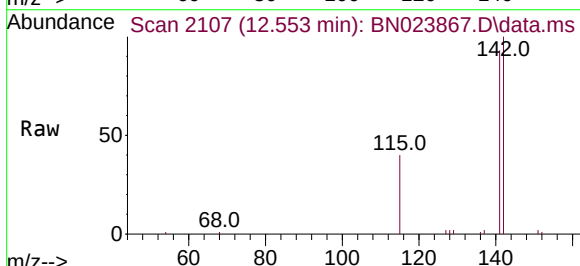
Instrument :
BNA_N
ClientSampleId :
SLCS490

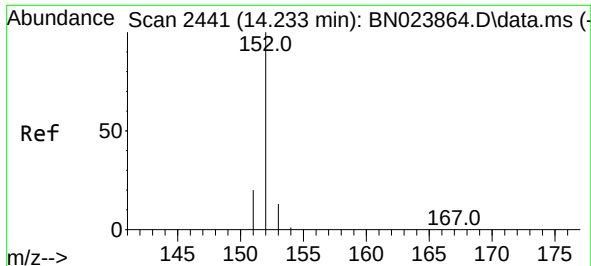
Tgt Ion:142 Resp: 5723
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:142 Resp: 6149
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

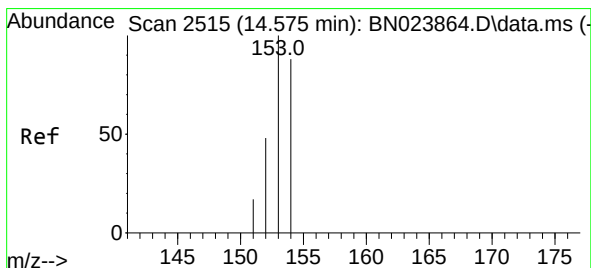
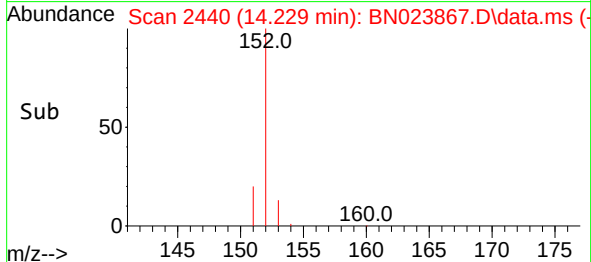
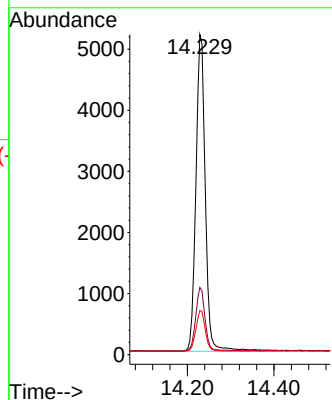
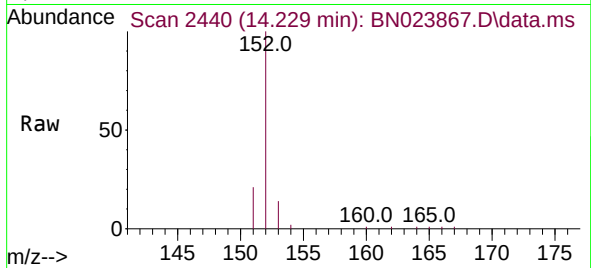




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.229 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

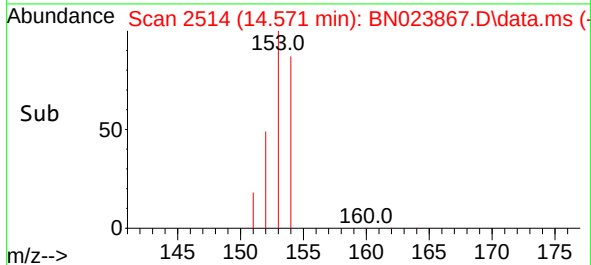
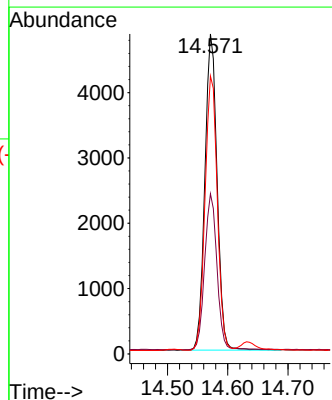
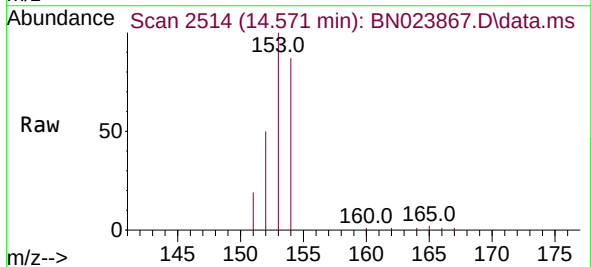
Instrument :
BNA_N
ClientSampleId :
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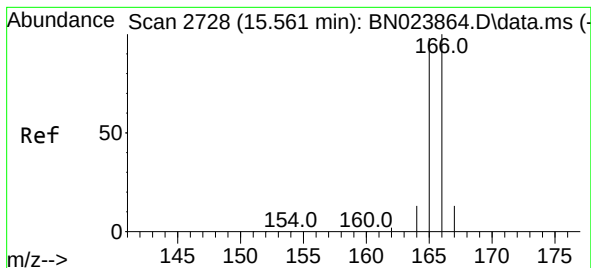
Tgt Ion:152 Resp: 7810
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.4
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:153 Resp: 6815
Ion Ratio Lower Upper
153 100
152 50.0 39.6 59.4
154 86.8 68.8 103.2





#12

Fluorene

Concen: 0.310 ng/ul

RT: 15.557 min Scan# 2727

Delta R.T. -0.004 min

Lab File: BN023867.D

Acq: 31 Jan 2023 18:39

Instrument :

BNA_N

ClientSampleId :

SLCS490

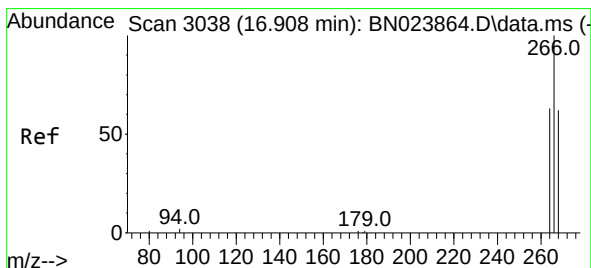
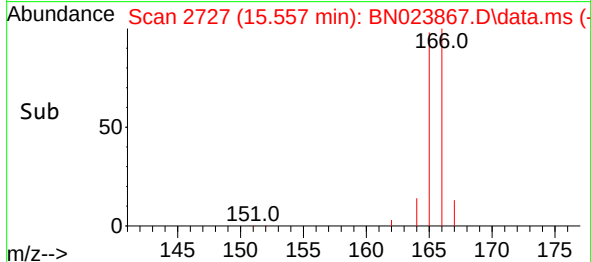
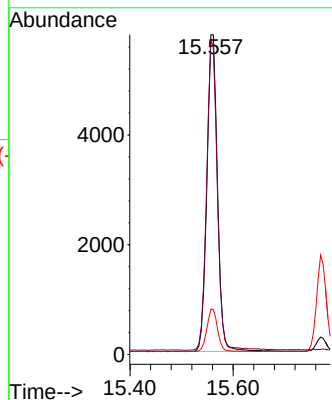
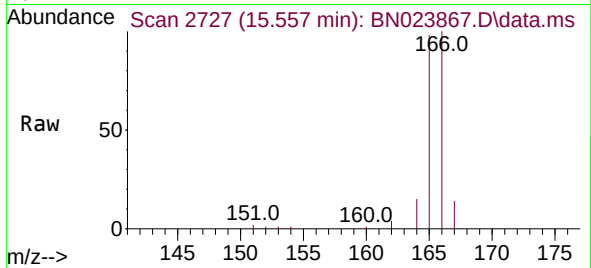
Tgt Ion:166 Resp: 8236

Ion Ratio Lower Upper

166 100

165 98.5 77.4 116.2

167 14.2 11.4 17.0



#14

Pentachlorophenol

Concen: 0.525 ng/ul

RT: 16.909 min Scan# 3038

Delta R.T. 0.000 min

Lab File: BN023867.D

Acq: 31 Jan 2023 18:39

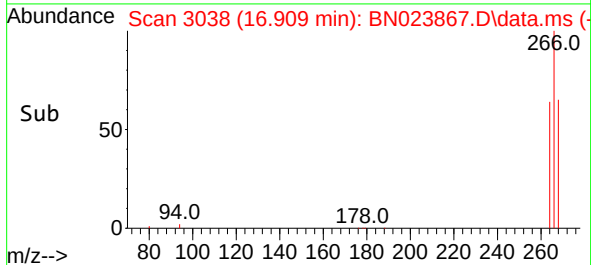
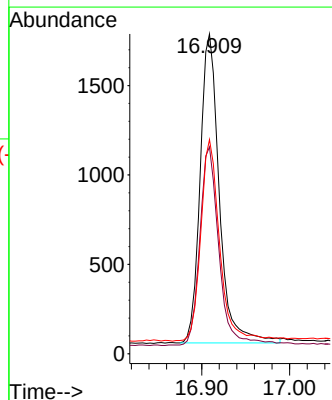
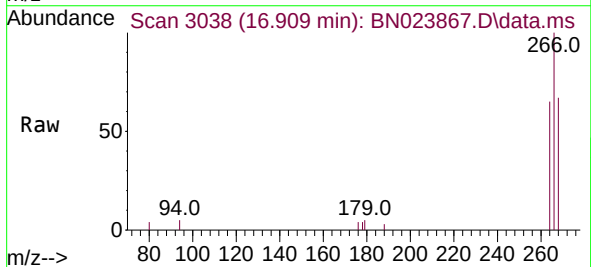
Tgt Ion:266 Resp: 2621

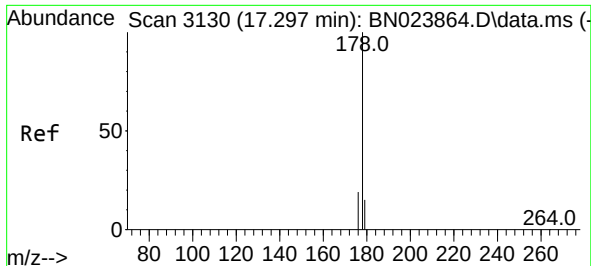
Ion Ratio Lower Upper

266 100

264 64.3 49.4 74.0

268 64.8 52.0 78.0

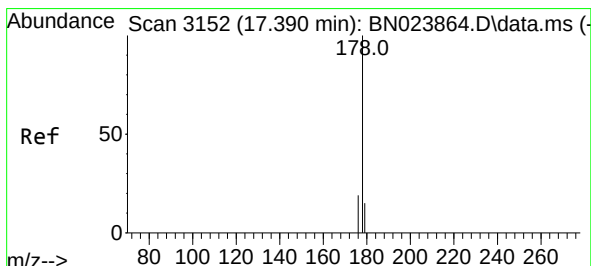
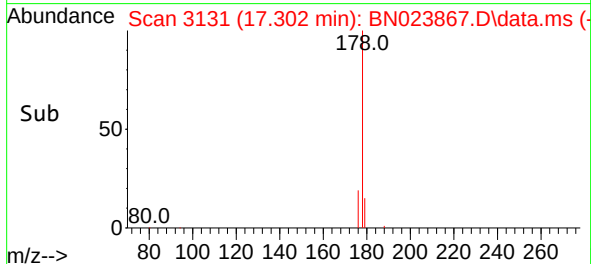
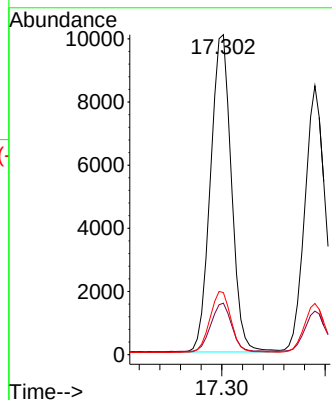
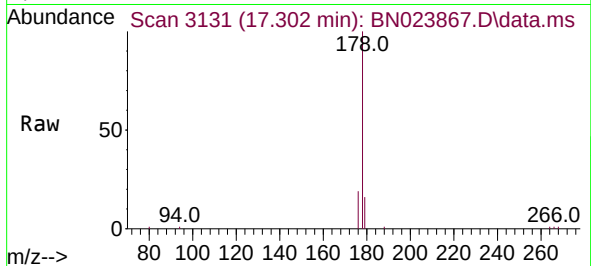




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.302 min Scan# 3131
Delta R.T. 0.005 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

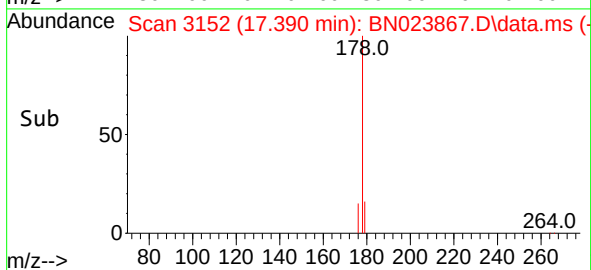
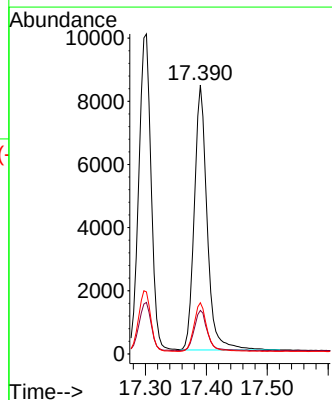
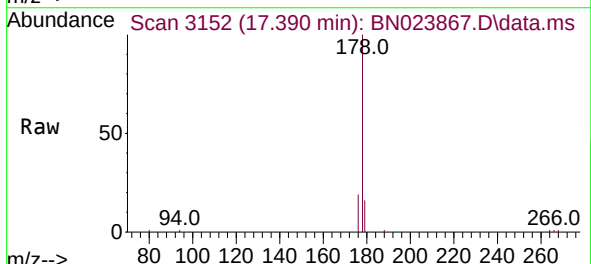
Instrument :
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ClientSampleId :
SLCS490

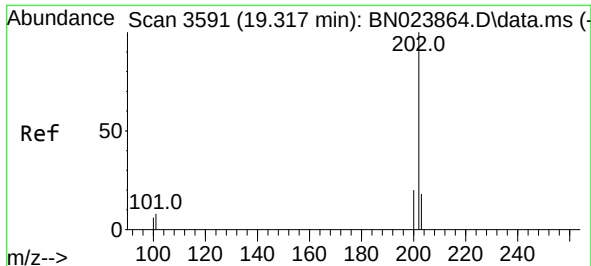
Tgt Ion:	178	Resp:	14144
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	19.4	15.7	23.5



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:	178	Resp:	12239
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.4	20.0
176	19.0	15.4	23.2

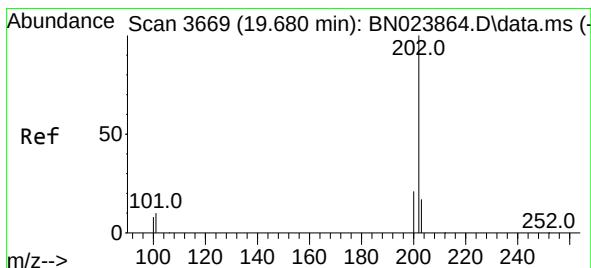
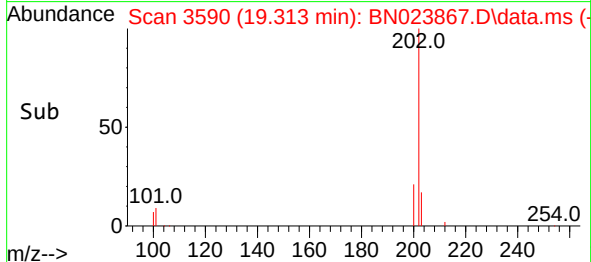
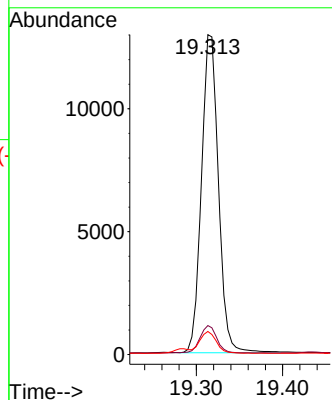
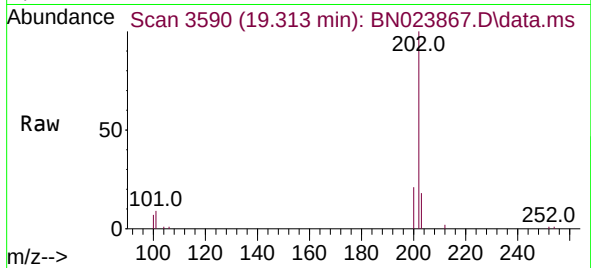




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.313 min Scan# 3590
Delta R.T. -0.004 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

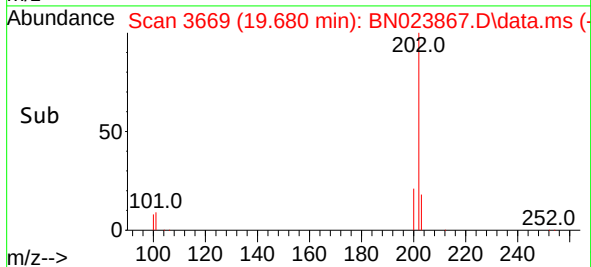
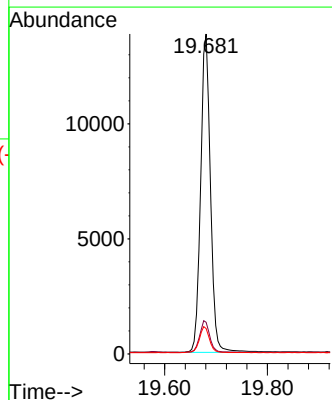
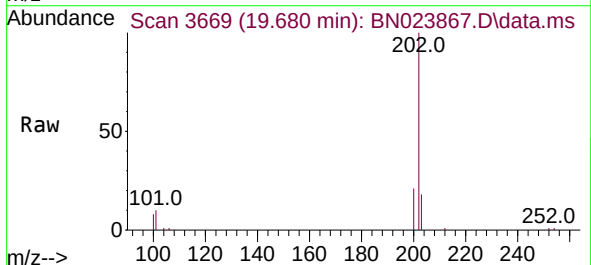
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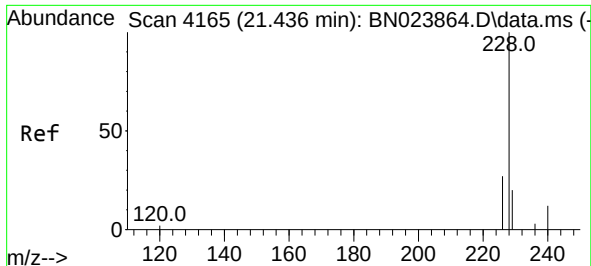
Tgt Ion:202 Resp: 17716
Ion Ratio Lower Upper
202 100
101 9.1 6.8 10.2
100 7.2 5.2 7.8



#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:202 Resp: 18269
Ion Ratio Lower Upper
202 100
101 9.9 8.1 12.1
100 7.9 6.2 9.4

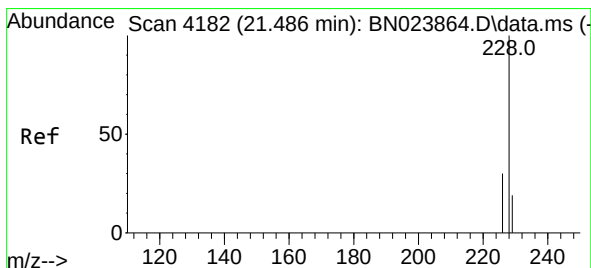
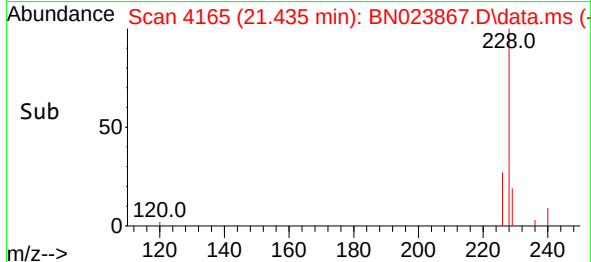
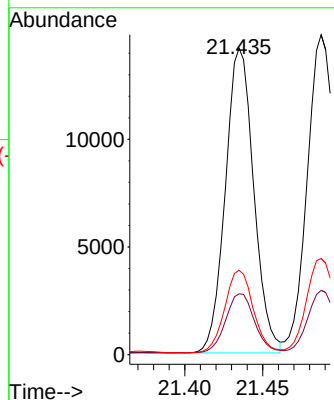
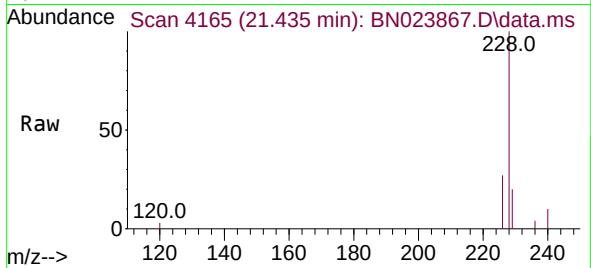




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.001 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

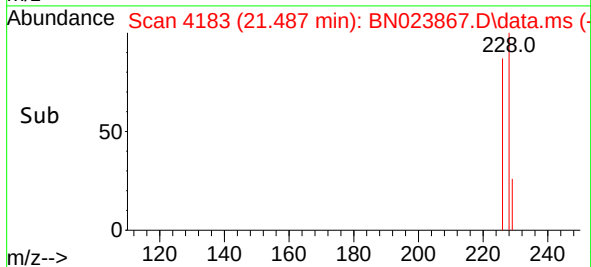
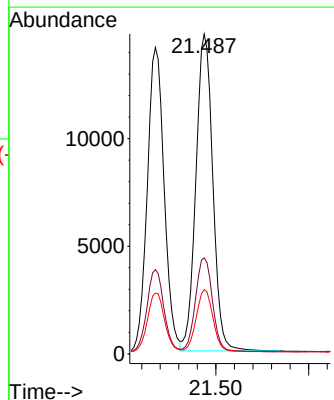
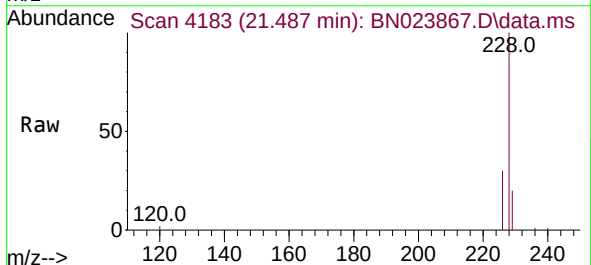
Instrument :
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ClientSampleId :
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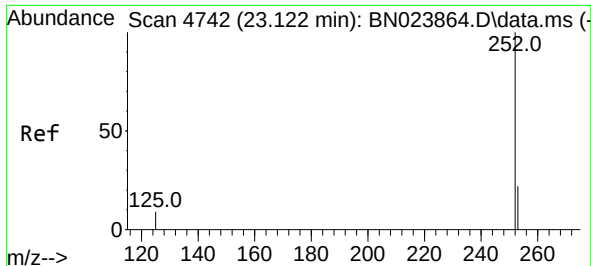
Tgt Ion:228 Resp: 17975
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.487 min Scan# 4183
Delta R.T. 0.002 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:228 Resp: 18614
Ion Ratio Lower Upper
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226 30.0 24.2 36.2
229 20.1 15.5 23.3

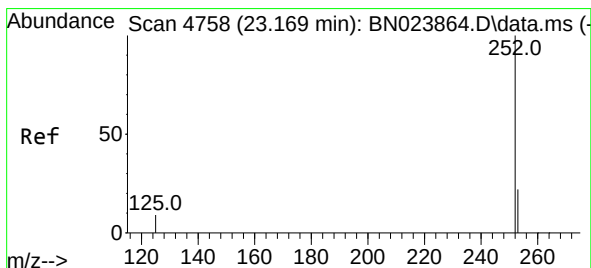
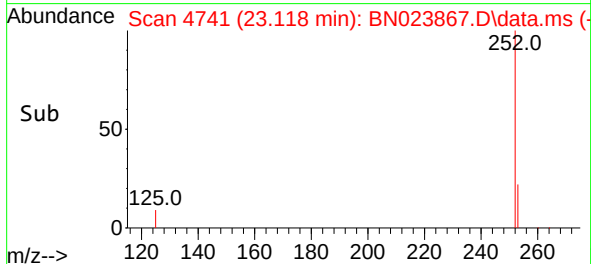
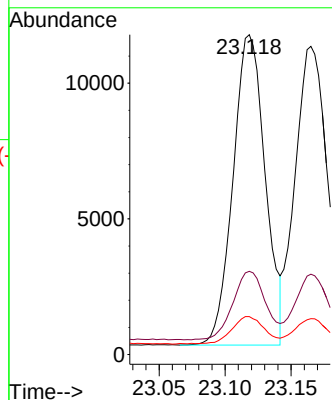
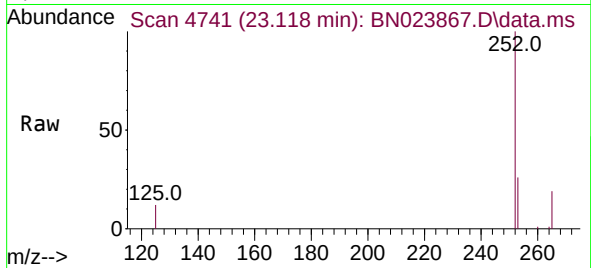




#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.118 min Scan# 4741
Delta R.T. -0.004 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

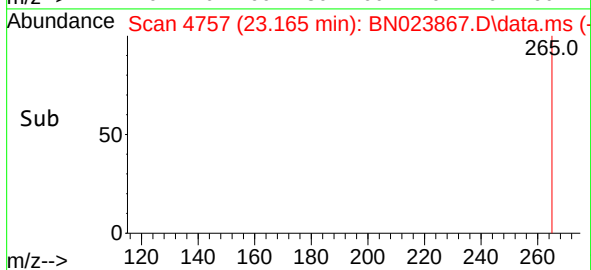
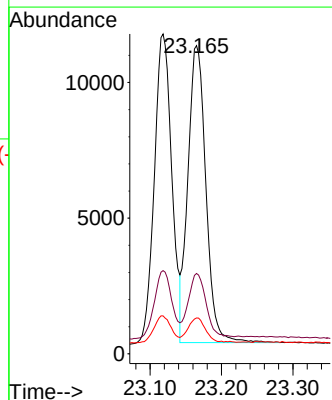
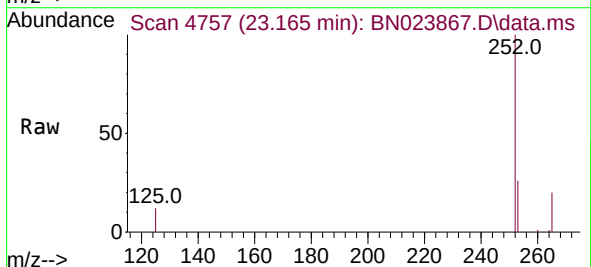
Instrument :
BNA_N
ClientSampleId :
SLCS490

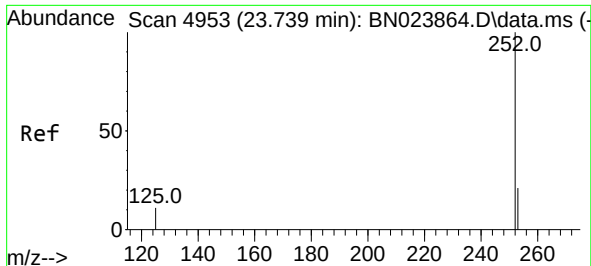
Tgt Ion:252 Resp: 19399
Ion Ratio Lower Upper
252 100
253 26.0 0.0 51.8
125 11.9 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.165 min Scan# 4757
Delta R.T. -0.004 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

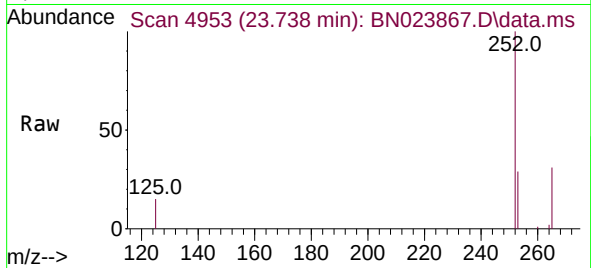
Tgt Ion:252 Resp: 19215
Ion Ratio Lower Upper
252 100
253 26.1 20.2 30.2
125 11.6 9.0 13.4



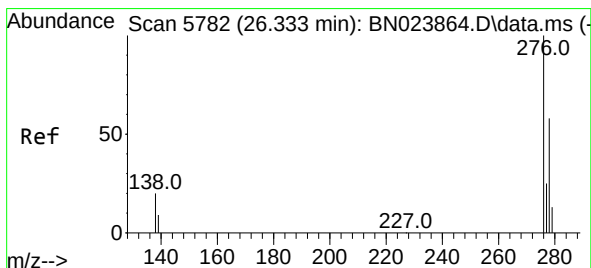
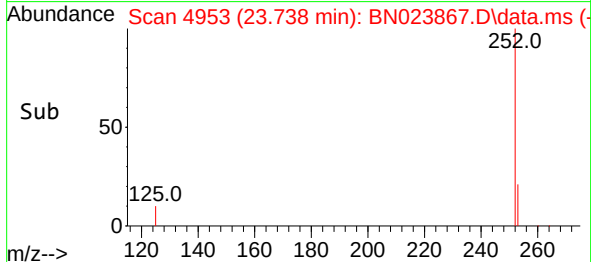
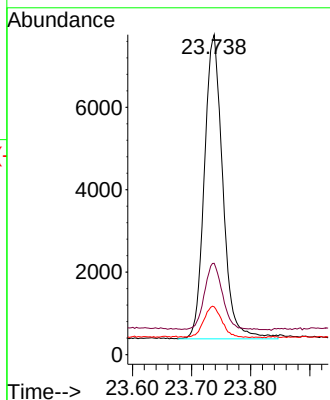


#26
Benzo(a)pyrene
Concen: 0.329 ng/ul
RT: 23.738 min Scan# 4953
Delta R.T. -0.001 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS490

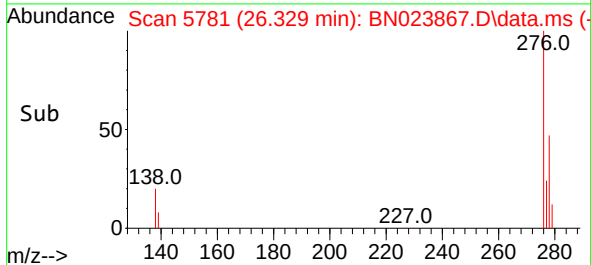
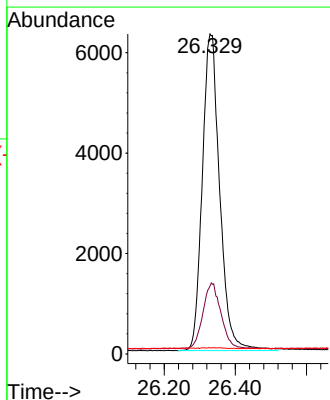
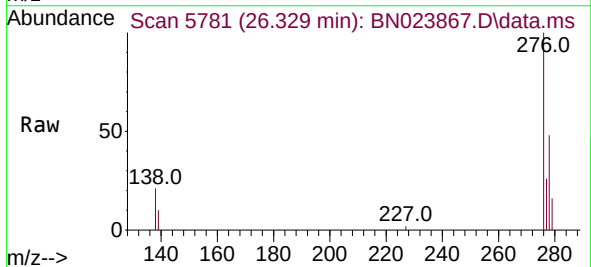


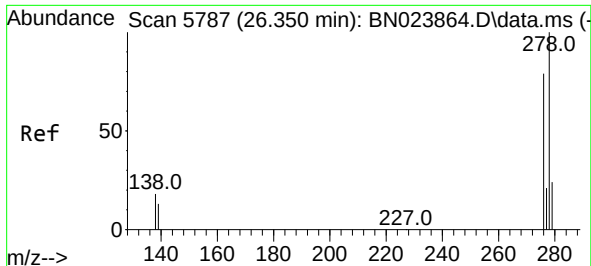
Tgt Ion:	252	Resp:	15956
Ion Ratio	Lower	Upper	
252	100		
253	28.5	21.5	32.3
125	14.9	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.005 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:	276	Resp:	21451
Ion Ratio	Lower	Upper	
276	100		
138	21.3	17.0	25.6
227	0.2	0.2	0.4

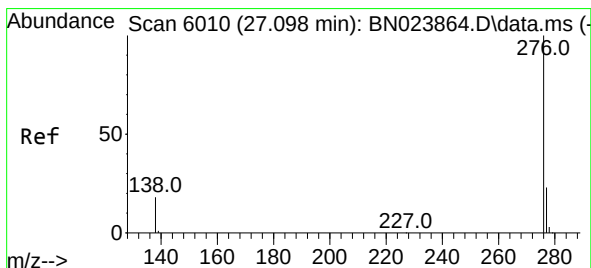
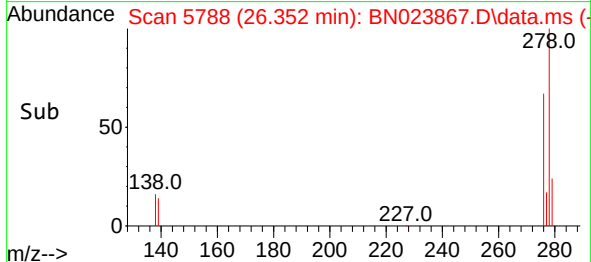
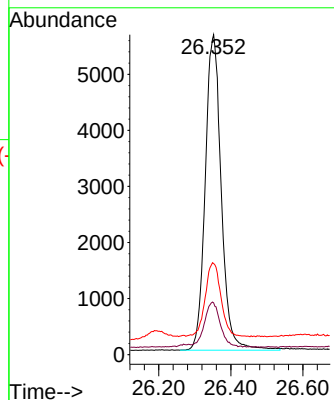
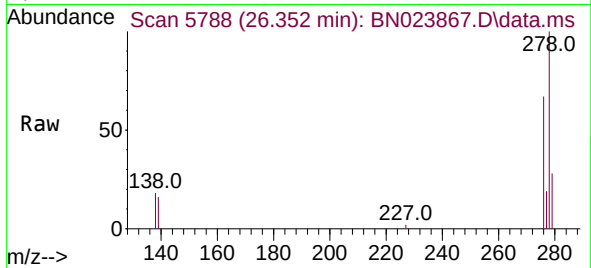




#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.352 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS490

Tgt Ion:278 Resp: 17356
Ion Ratio Lower Upper
278 100
139 16.2 12.3 18.5
279 28.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.011 min
Lab File: BN023867.D
Acq: 31 Jan 2023 18:39

Tgt Ion:276 Resp: 17971
Ion Ratio Lower Upper
276 100
138 20.7 15.3 22.9
277 25.0 19.9 29.9

