

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025042.D
 Acq On : 20 Apr 2023 19:14
 Operator : CG/JU
 Sample : PB152204BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS204

Quant Time: Apr 21 04:26:56 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 : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

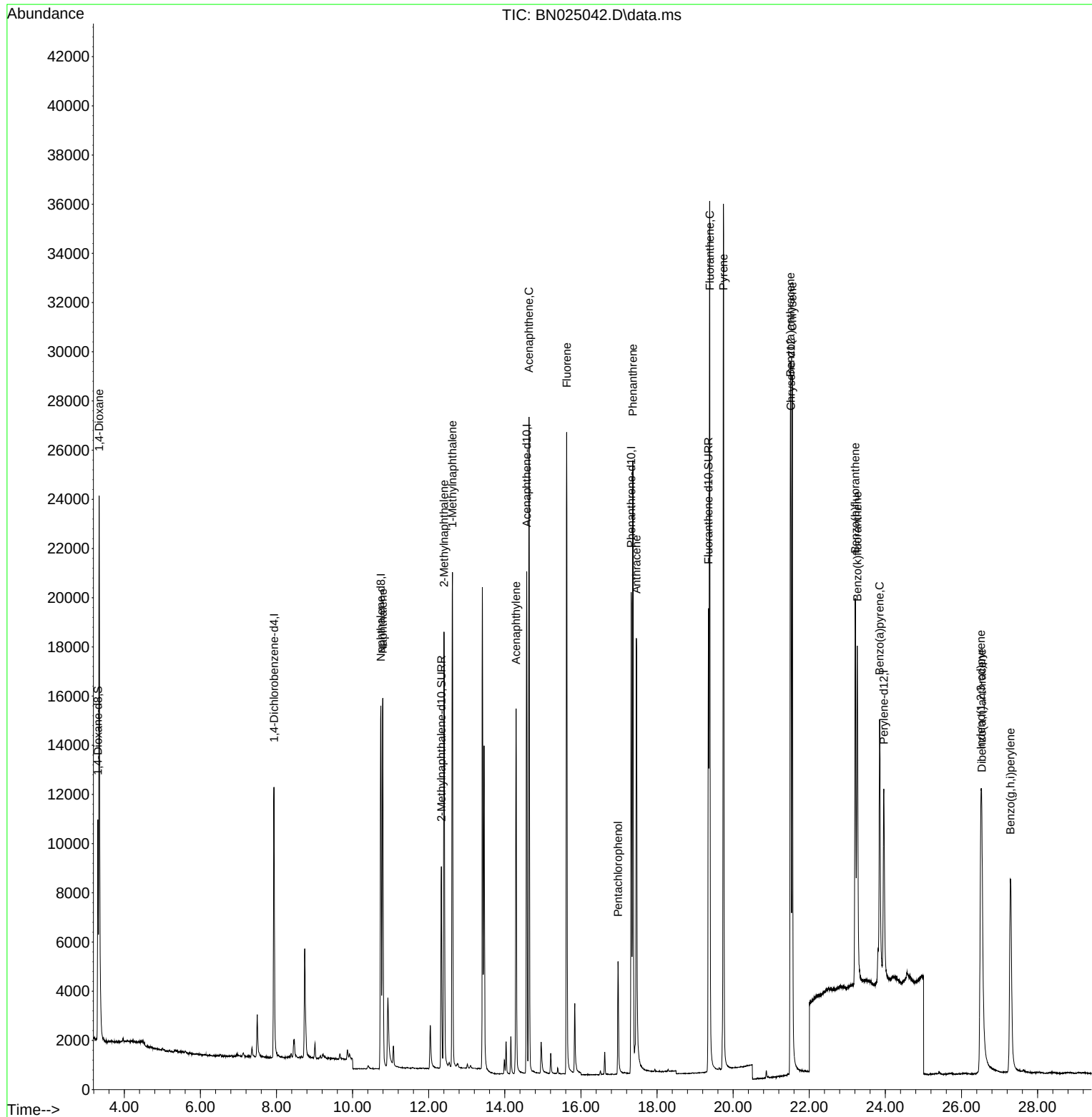
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	20223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	11214	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	23922	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	16497	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	12592	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5522	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10837	0.417	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	22323	0.513	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	14695	2.061	ng/ul#	88
5) Naphthalene	10.792	128	21884	0.422	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	13469	0.424	ng/ul	100
8) 1-Methylnaphthalene	12.623	142	14343	0.424	ng/ul	100
10) Acenaphthylene	14.297	152	17806	0.426	ng/ul	100
11) Acenaphthene	14.635	153	15463	0.439	ng/ul	100
12) Fluorene	15.625	166	17010	0.432	ng/ul	99
14) Pentachlorophenol	16.975	266	3436	0.732	ng/ul	99
15) Phenanthrene	17.364	178	28139	0.417	ng/ul	100
16) Anthracene	17.456	178	22564	0.408	ng/ul	100
19) Fluoranthene	19.382	202	31064	0.521	ng/ul	99
20) Pyrene	19.744	202	31629	0.516	ng/ul	99
21) Benzo(a)anthracene	21.503	228	22761	0.458	ng/ul	99
22) Chrysene	21.555	228	25979	0.479	ng/ul	99
24) Benzo(b)fluoranthene	23.209	252	22607	0.443	ng/ul	98
25) Benzo(k)fluoranthene	23.262	252	22513	0.458	ng/ul	98
26) Benzo(a)pyrene	23.850	252	18129	0.429	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.510	276	22005	0.452	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.537	278	17142	0.451	ng/ul	97
29) Benzo(g,h,i)perylene	27.285	276	19880	0.480	ng/ul	99

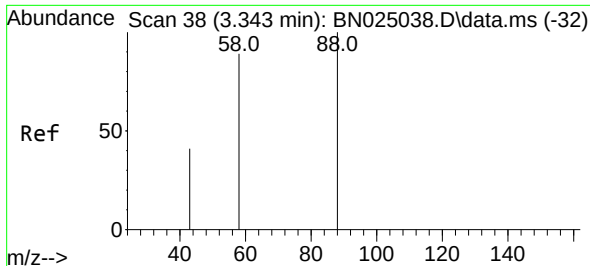
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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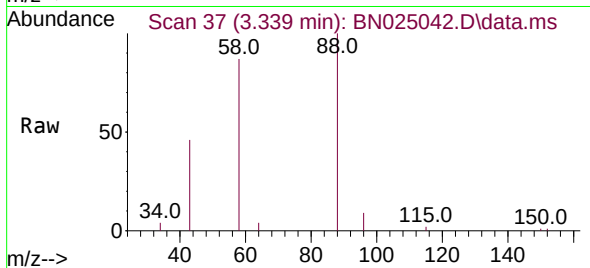
Quant Time: Apr 21 04:26:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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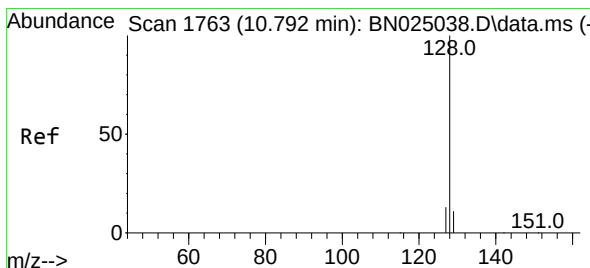
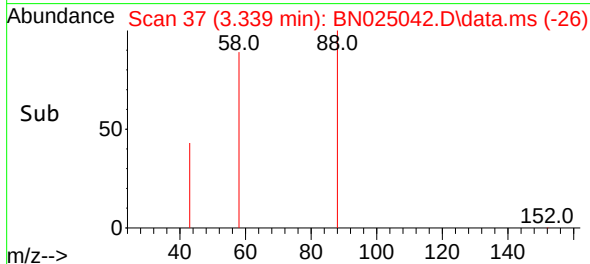
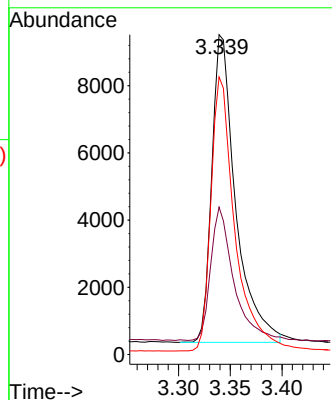


#2
1,4-Dioxane
Concen: 2.061 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Instrument :
BNA_N
ClientSampleId :
SLCS204

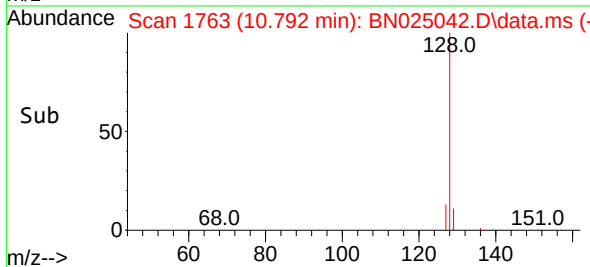
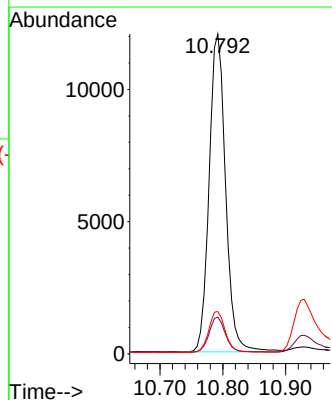
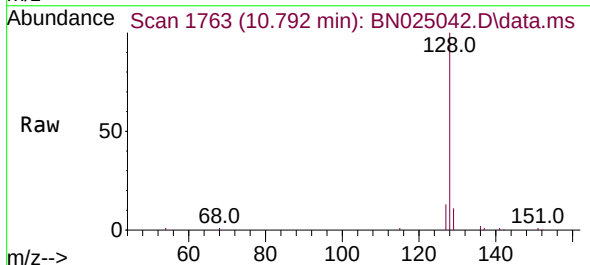


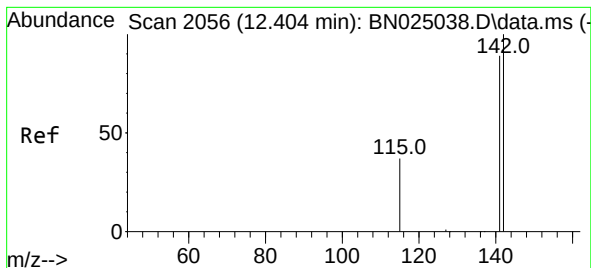
Tgt Ion: 88 Resp: 14695
Ion Ratio Lower Upper
88 100
43 46.1 37.0 55.4
58 86.8 56.9 85.3#



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:128 Resp: 21884
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.7 16.1

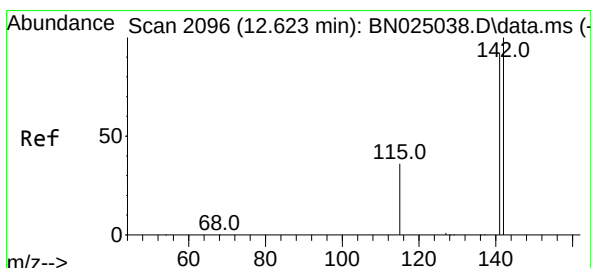
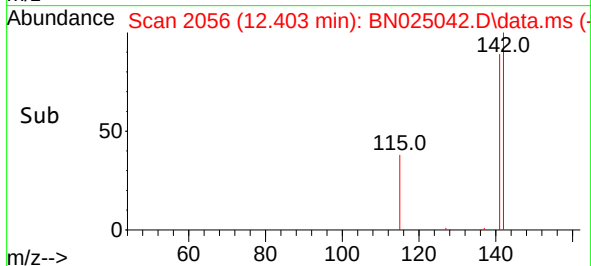
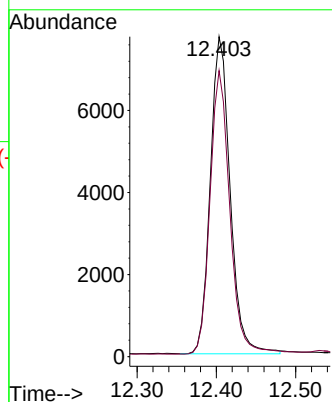
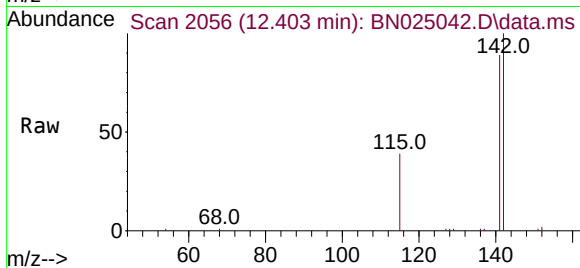




#7
2-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

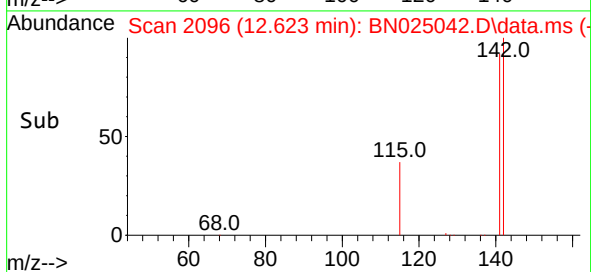
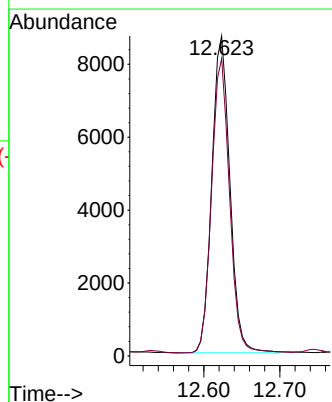
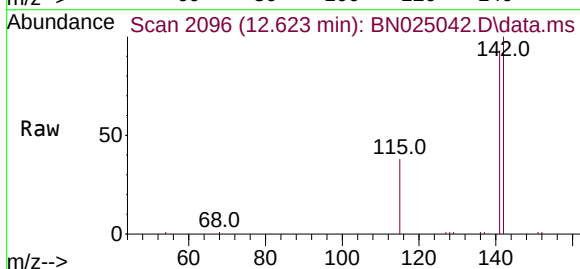
Instrument :
BNA_N
ClientSampleId :
SLCS204

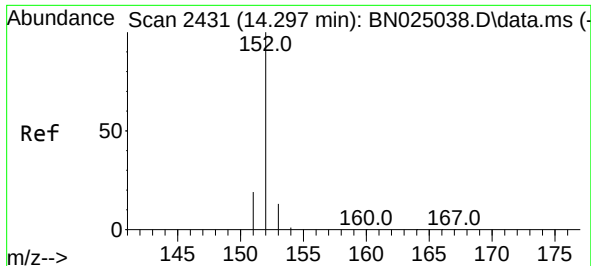
Tgt Ion:142 Resp: 13469
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:142 Resp: 14343
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

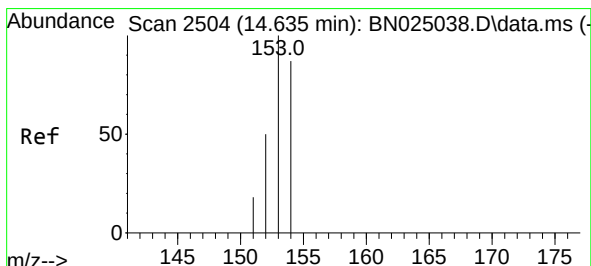
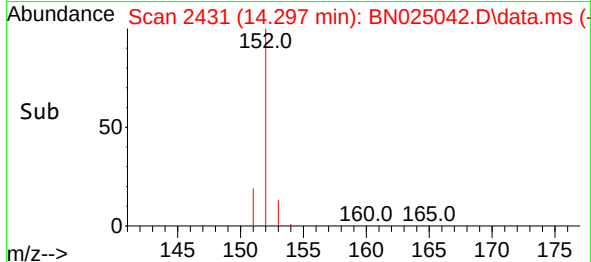
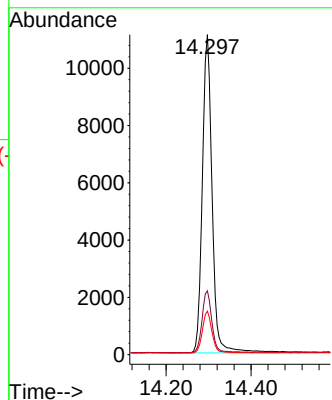
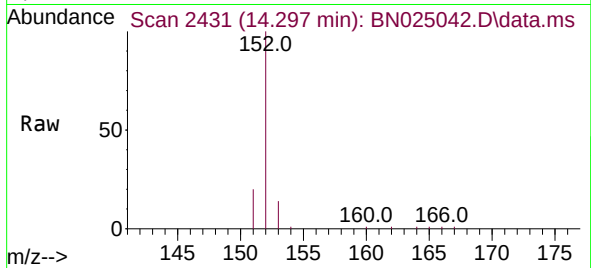




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.004 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

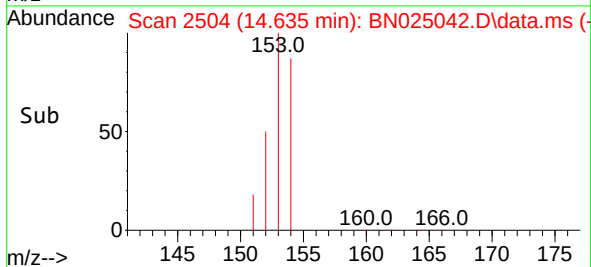
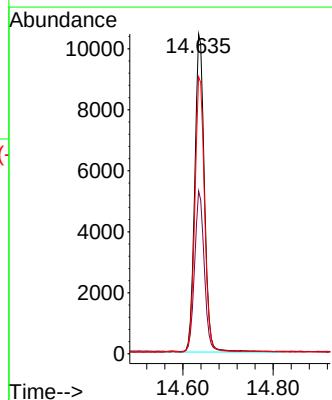
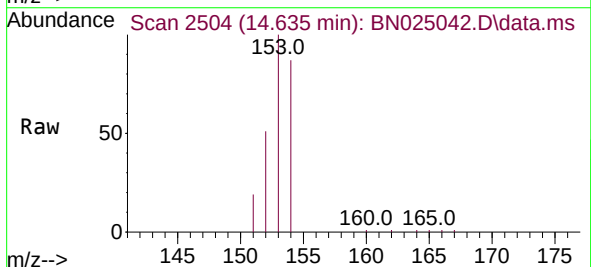
Instrument :
BNA_N
ClientSampleId :
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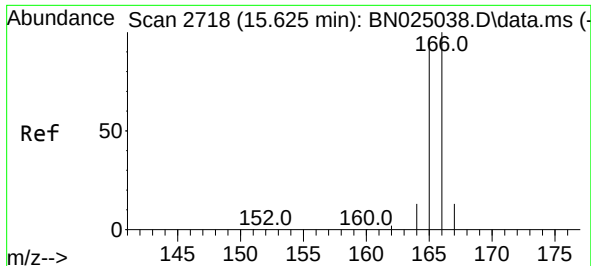
Tgt Ion:152 Resp: 17806
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:153 Resp: 15463
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 86.6 69.4 104.2

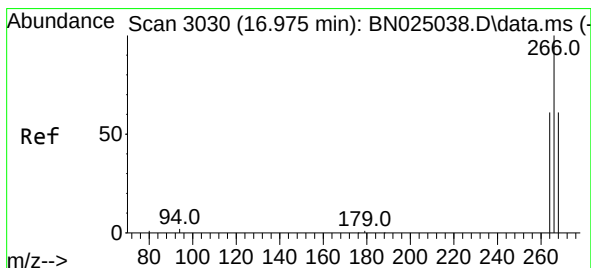
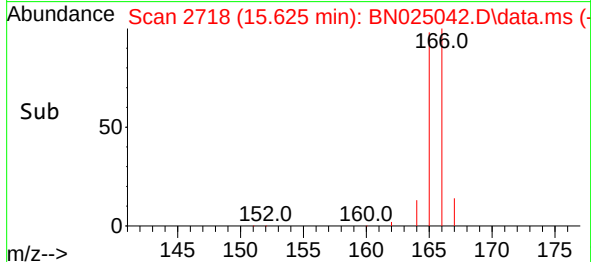
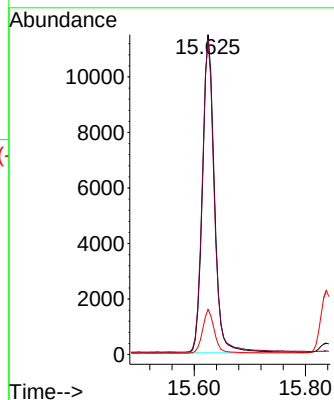
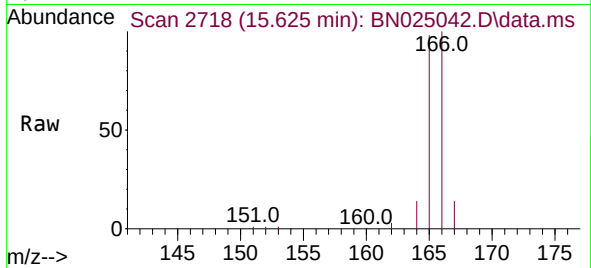




#12
Fluorene
Concen: 0.432 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

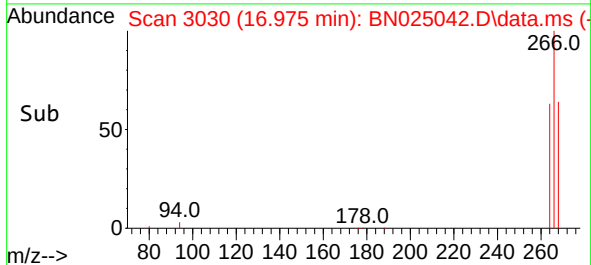
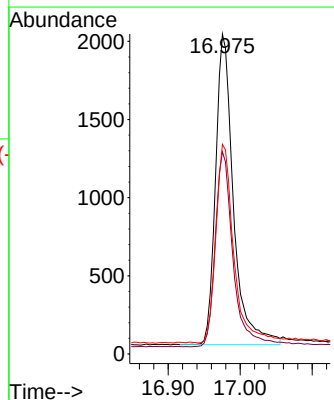
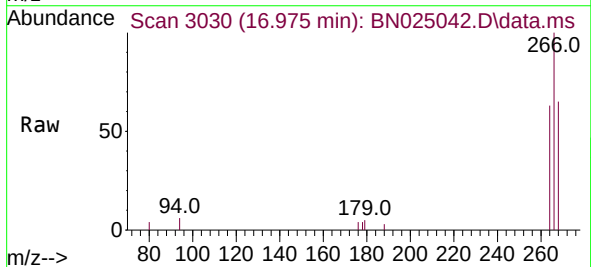
Instrument :
BNA_N
ClientSampleId :
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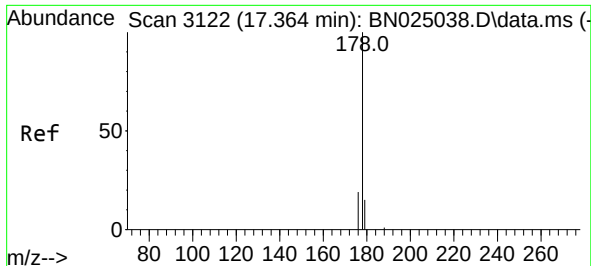
Tgt Ion:166 Resp: 17010
Ion Ratio Lower Upper
166 100
165 98.2 78.1 117.1
167 14.1 11.0 16.6



#14
Pentachlorophenol
Concen: 0.732 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:266 Resp: 3436
Ion Ratio Lower Upper
266 100
264 62.9 49.6 74.4
268 64.1 51.3 76.9

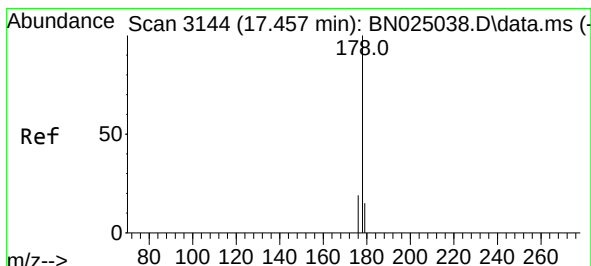
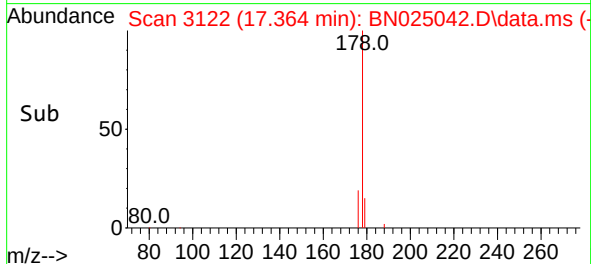
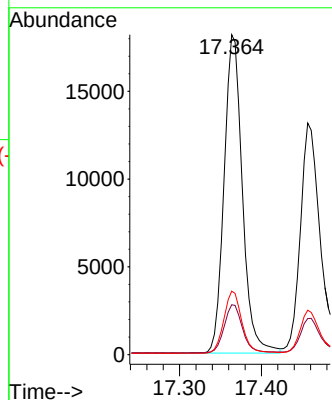
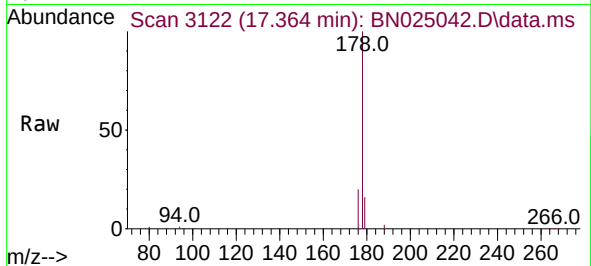




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

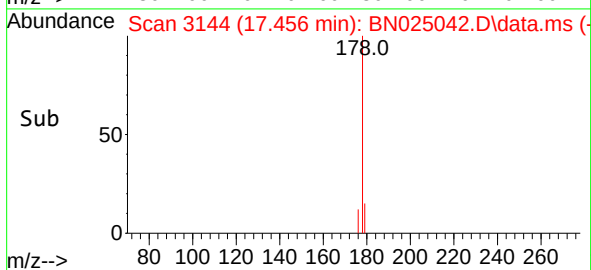
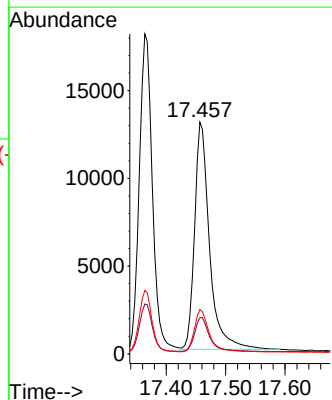
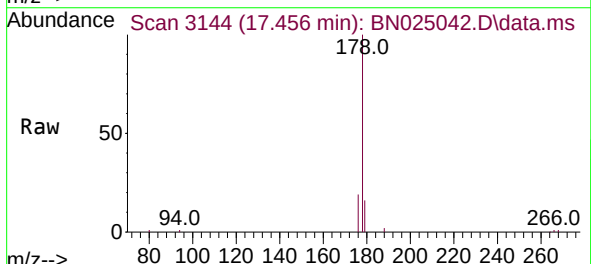
Instrument :
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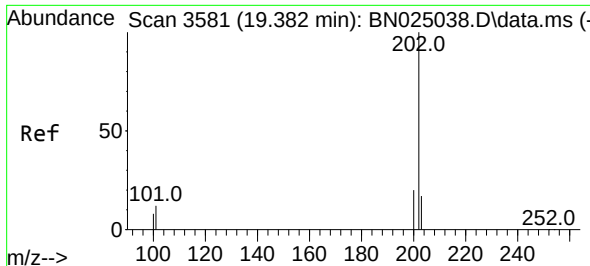
Tgt Ion:178 Resp: 28139
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:178 Resp: 22564
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.2 15.3 22.9

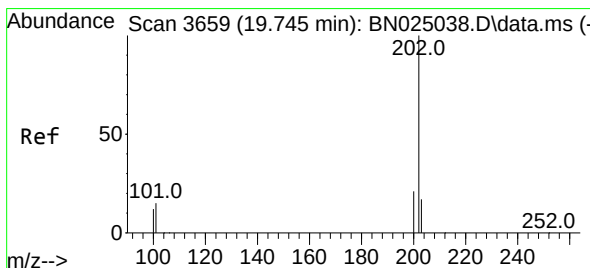
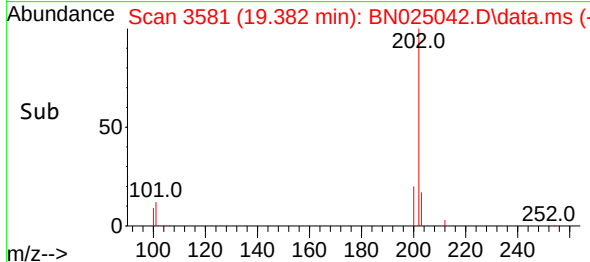
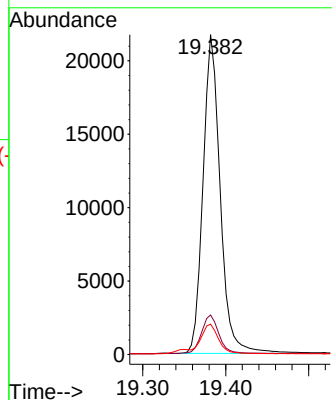
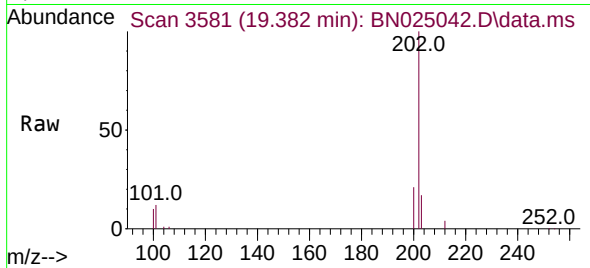




#19
Fluoranthene
Concen: 0.521 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

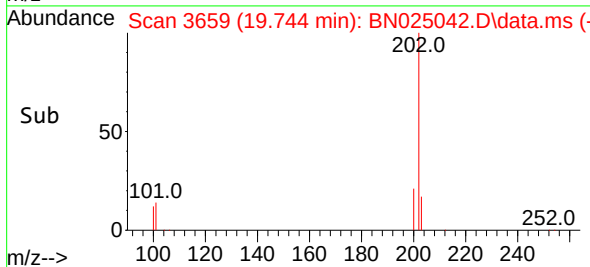
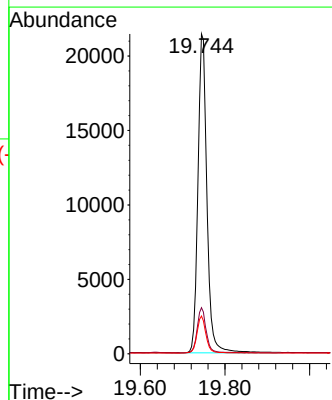
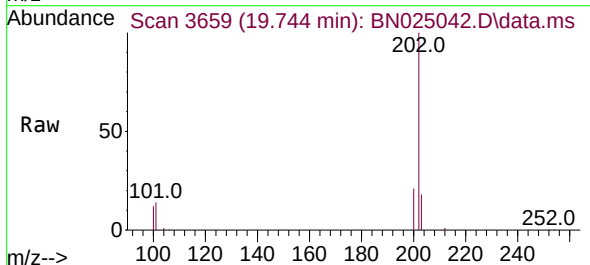
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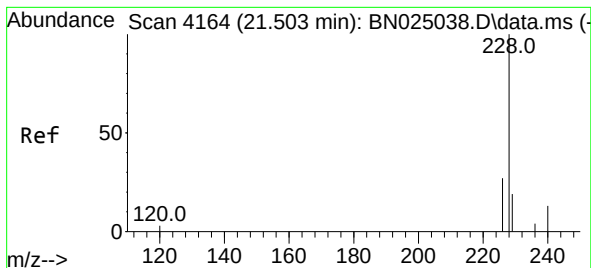
Tgt Ion:202 Resp: 31064
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.5 7.3 10.9



#20
Pyrene
Concen: 0.516 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:202 Resp: 31629
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 11.8 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.458 ng/ul

RT: 21.503 min Scan# 4164

Delta R.T. 0.003 min

Lab File: BN025042.D

Acq: 20 Apr 2023 19:14

Instrument :

BNA_N

ClientSampleId :

SLCS204

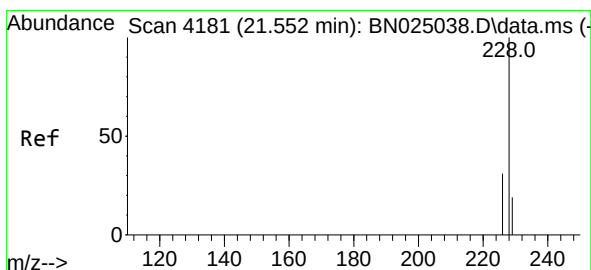
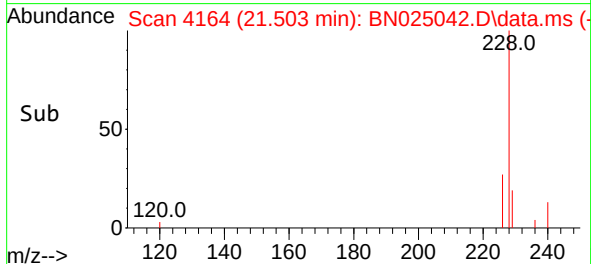
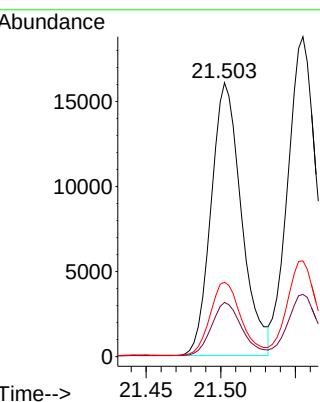
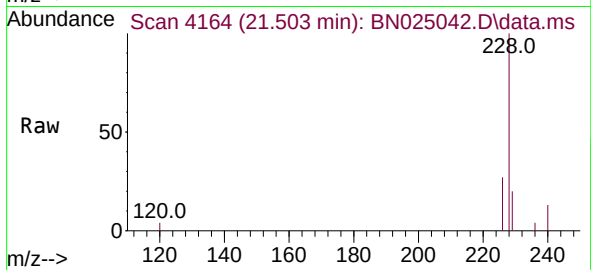
Tgt Ion:228 Resp: 22761

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.2 22.1 33.1



#22

Chrysene

Concen: 0.479 ng/ul

RT: 21.555 min Scan# 4182

Delta R.T. 0.003 min

Lab File: BN025042.D

Acq: 20 Apr 2023 19:14

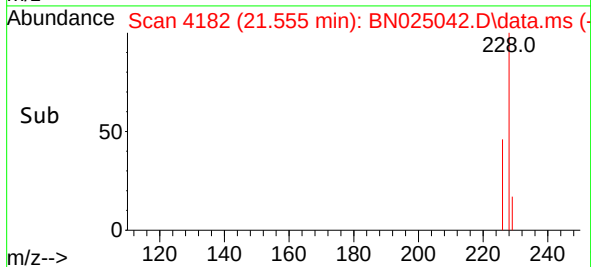
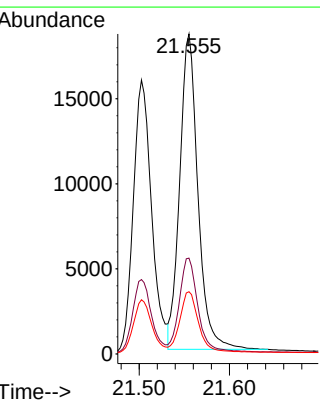
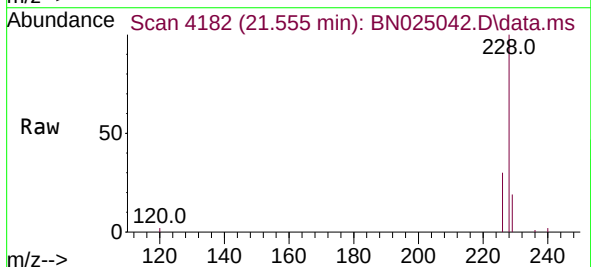
Tgt Ion:228 Resp: 25979

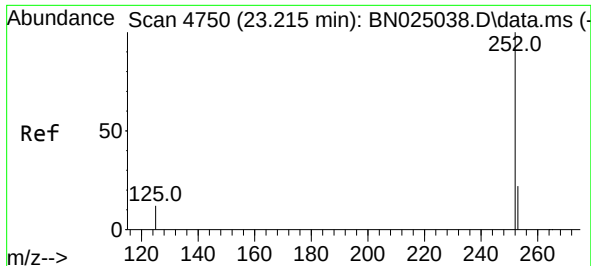
Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

229 19.4 15.8 23.6

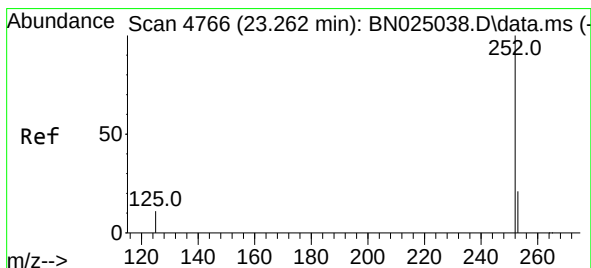
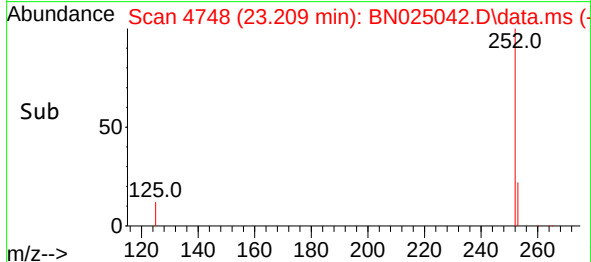
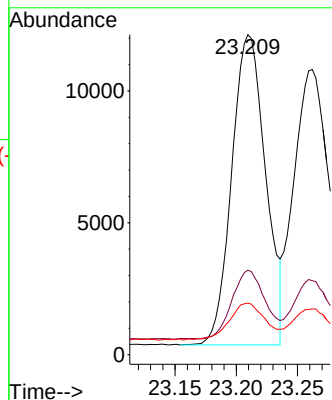
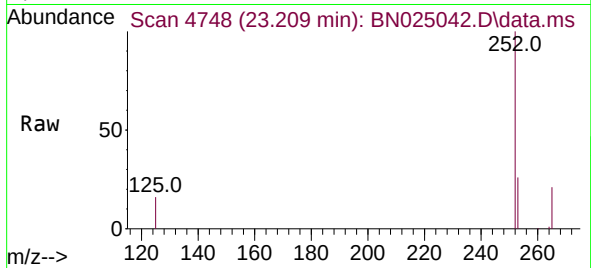




#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 23.209 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

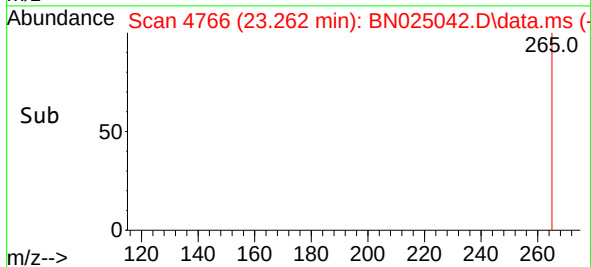
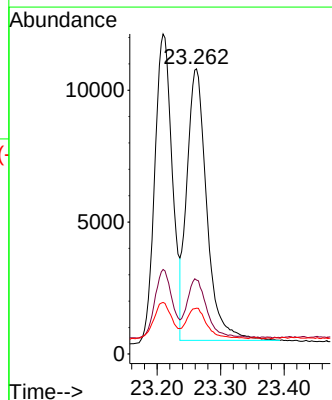
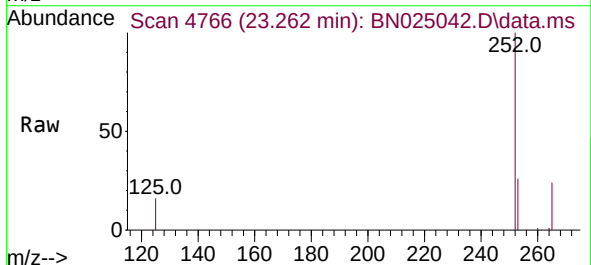
Instrument :
BNA_N
ClientSampleId :
SLCS204

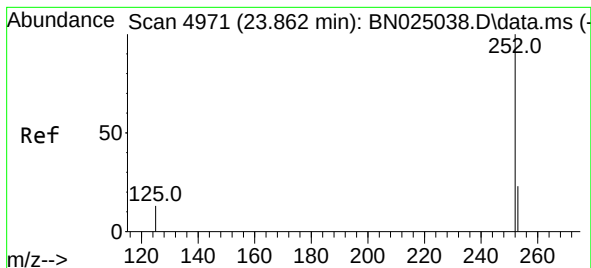
Tgt Ion:252 Resp: 22607
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.2
125 16.1 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BN025042.D
Acq: 20 Apr 2023 19:14

Tgt Ion:252 Resp: 22513
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 16.1 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.850 min Scan# 4971

Delta R.T. -0.006 min

Lab File: BN025042.D

Acq: 20 Apr 2023 19:14

Instrument :

BNA_N

ClientSampleId :

SLCS204

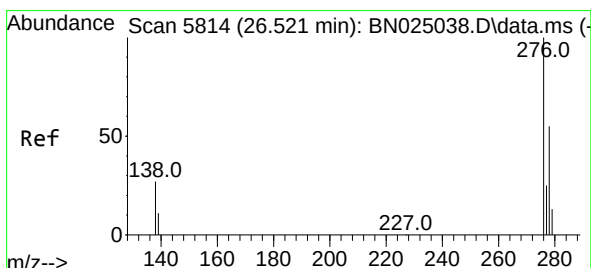
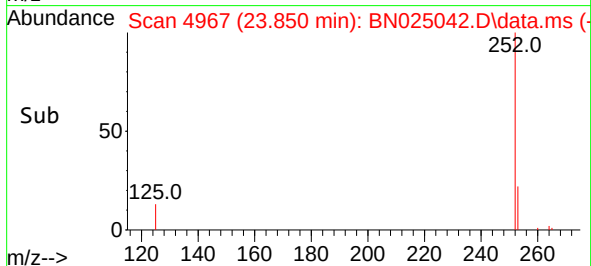
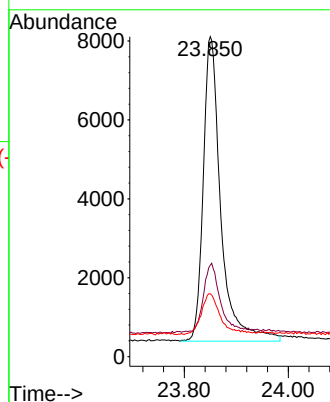
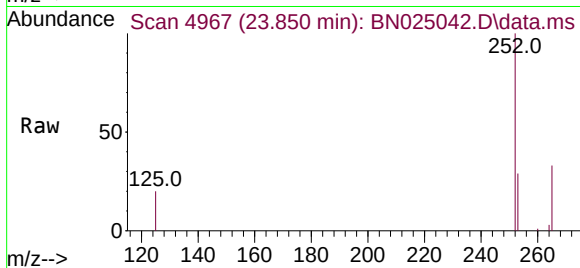
Tgt Ion:252 Resp: 18129

Ion Ratio Lower Upper

252 100

253 28.6 21.4 32.2

125 19.6 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng/ul

RT: 26.510 min Scan# 5811

Delta R.T. -0.000 min

Lab File: BN025042.D

Acq: 20 Apr 2023 19:14

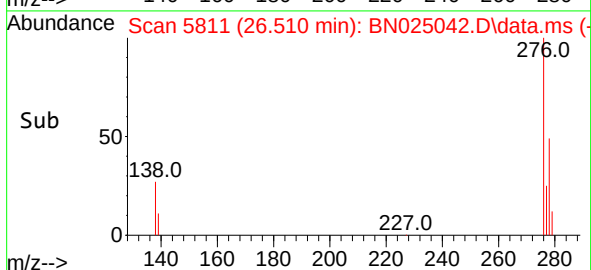
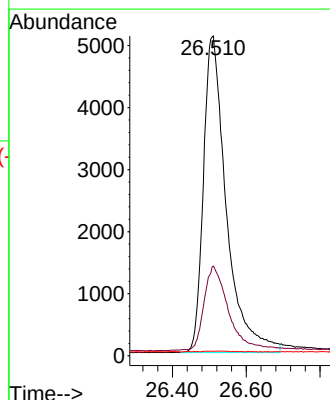
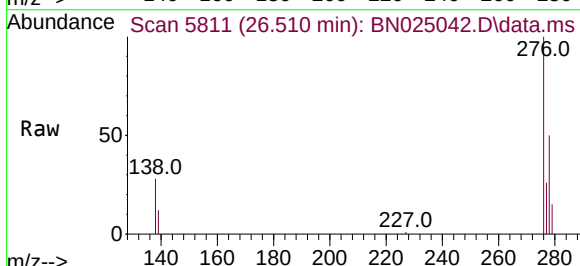
Tgt Ion:276 Resp: 22005

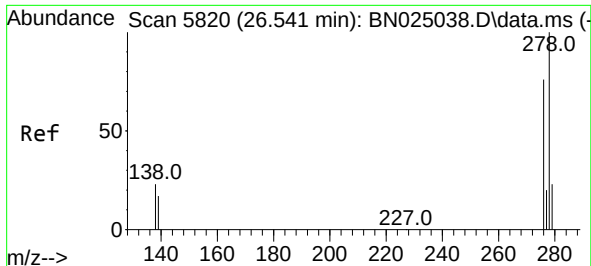
Ion Ratio Lower Upper

276 100

138 27.7 21.9 32.9

227 0.0 0.1 0.1#

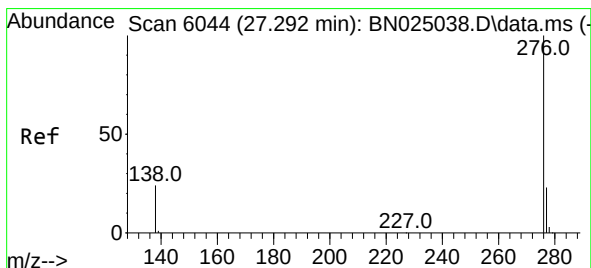
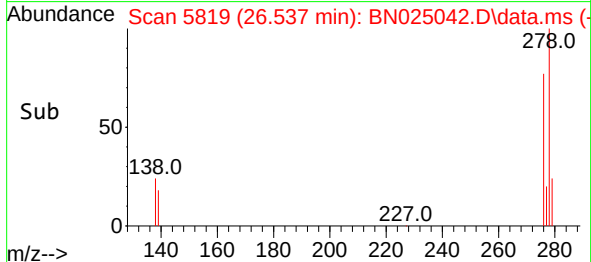
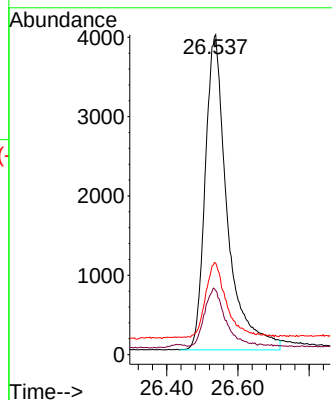
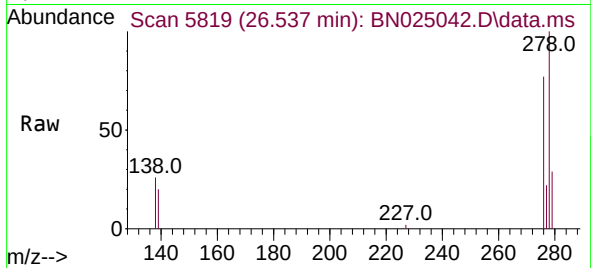




#28
 Dibenzo(a,h)anthracene
 Concen: 0.451 ng/ul
 RT: 26.537 min Scan# 5819
 Delta R.T. -0.000 min
 Lab File: BN025042.D
 Acq: 20 Apr 2023 19:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS204

Tgt Ion: 278 Resp: 17142
 Ion Ratio Lower Upper
 278 100
 139 20.0 17.0 25.6
 279 28.6 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.480 ng/ul
 RT: 27.285 min Scan# 6042
 Delta R.T. -0.007 min
 Lab File: BN025042.D
 Acq: 20 Apr 2023 19:14

Tgt Ion: 276 Resp: 19880
 Ion Ratio Lower Upper
 276 100
 138 26.4 20.3 30.5
 277 24.5 19.8 29.6

