

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025010.D
 Acq On : 19 Apr 2023 19:51
 Operator : CG/JU
 Sample : PB152206BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS206

Quant Time: Apr 20 04:22:17 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 : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

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

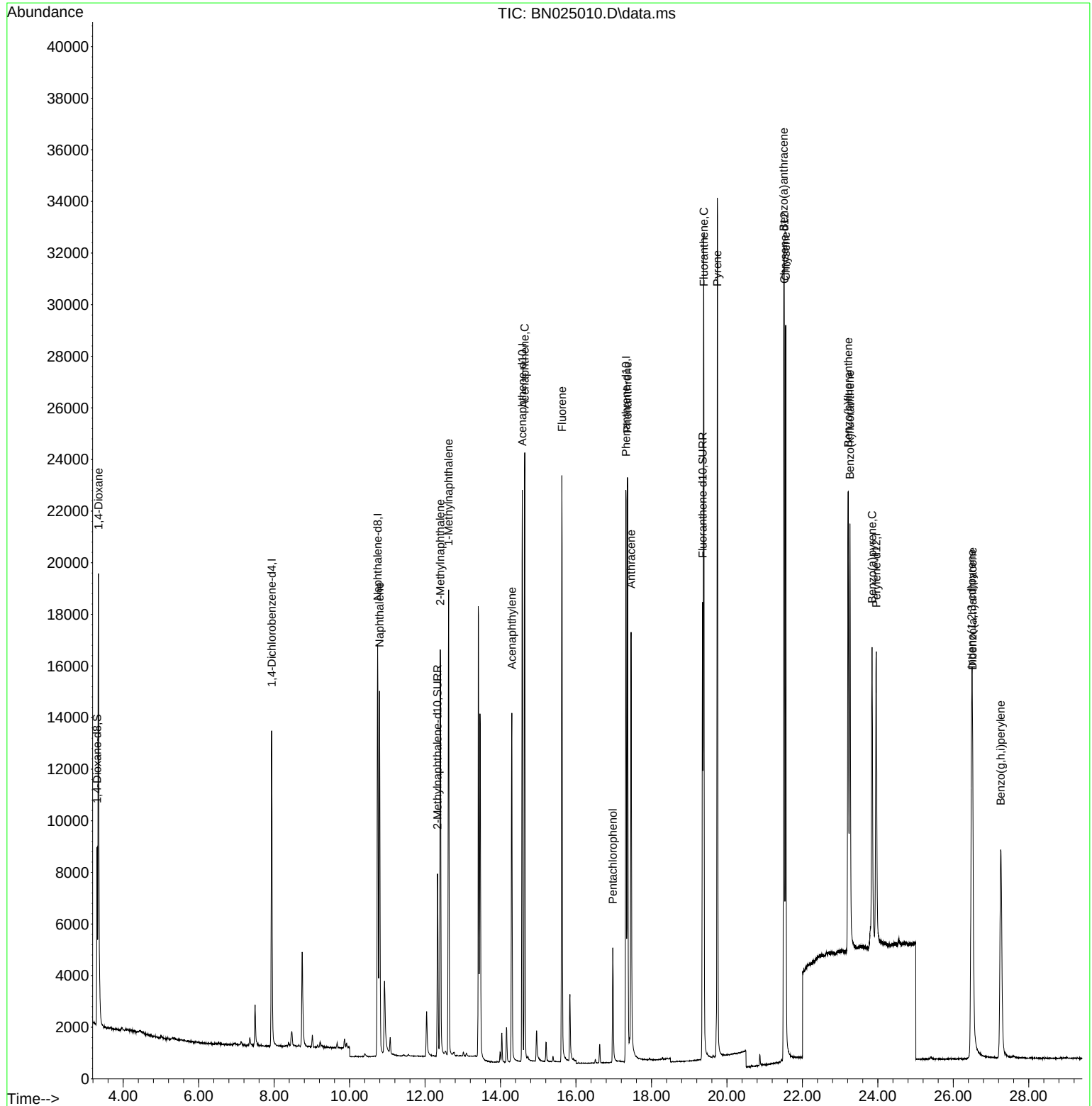
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6774	0.400	ng/u1	0.00
4) Naphthalene-d8	10.743	136	21213	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.576	164	12129	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.327	188	26220	0.400	ng/u1	0.00
17) Chrysene-d12	21.521	240	20888	0.400	ng/u1	0.00
23) Perylene-d12	23.956	264	17230	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4442	0.600	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.332	152	9222	0.339	ng/u1	0.00
18) Fluoranthene-d10	19.355	212	20104	0.388	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	11917	1.462	ng/u1	95
5) Naphthalene	10.792	128	20112	0.372	ng/u1	99
7) 2-Methylnaphthalene	12.404	142	11588	0.345	ng/u1	99
8) 1-Methylnaphthalene	12.623	142	12361	0.347	ng/u1	100
10) Acenaphthylene	14.298	152	15985	0.351	ng/u1	99
11) Acenaphthene	14.640	153	13506	0.346	ng/u1	98
12) Fluorene	15.626	166	14785	0.339	ng/u1	98
14) Pentachlorophenol	16.976	266	3194	0.571	ng/u1	99
15) Phenanthrene	17.365	178	25214	0.341	ng/u1	99
16) Anthracene	17.462	178	20621	0.336	ng/u1	99
19) Fluoranthene	19.383	202	27859	0.387	ng/u1	99
20) Pyrene	19.745	202	28613	0.388	ng/u1	99
21) Benzo(a)anthracene	21.506	228	23665	0.359	ng/u1	100
22) Chrysene	21.559	228	25793	0.361	ng/u1	100
24) Benzo(b)fluoranthene	23.213	252	23809	0.344	ng/u1	97
25) Benzo(k)fluoranthene	23.260	252	23191	0.344	ng/u1	98
26) Benzo(a)pyrene	23.845	252	19186	0.335	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	26.485	276	22911	0.339	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.508	278	18199	0.343	ng/u1	99
29) Benzo(g,h,i)perylene	27.256	276	19711	0.345	ng/u1	100

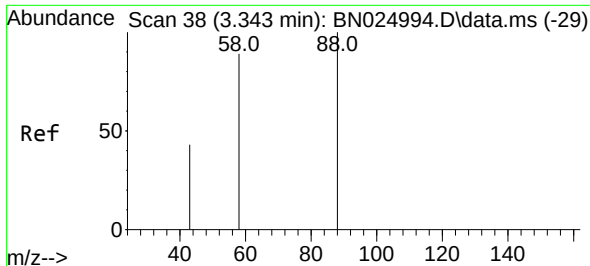
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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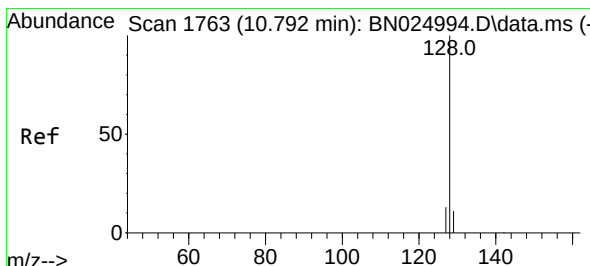
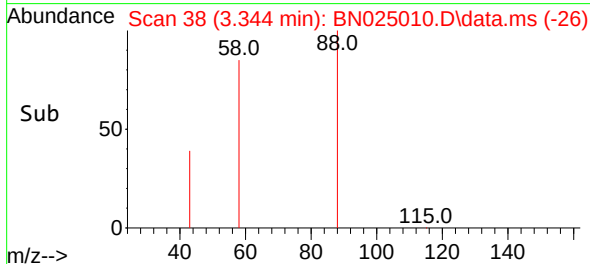
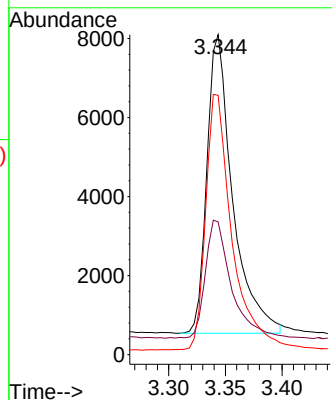
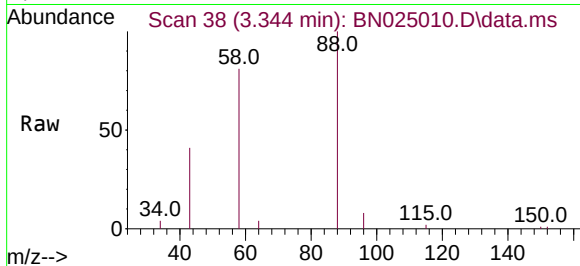


#2
 1,4-Dioxane
 Concen: 1.462 ng/ul
 RT: 3.344 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025010.D
 Acq: 19 Apr 2023 19:51

Instrument :
 BNA_N
 ClientSampleId :
 SLCS206

Tgt Ion: 88 Resp: 11917

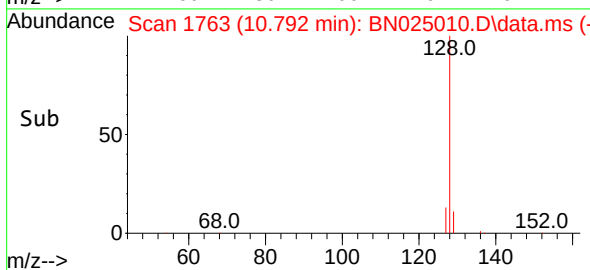
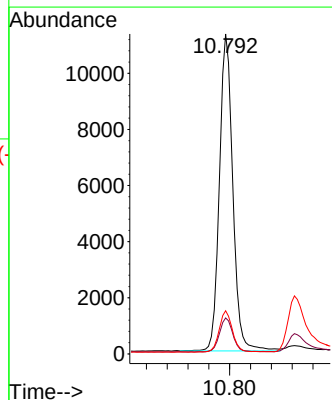
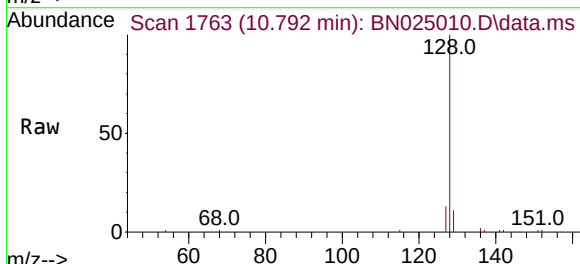
Ion	Ratio	Lower	Upper
88	100		
43	41.5	39.1	58.7
58	81.0	65.7	98.5

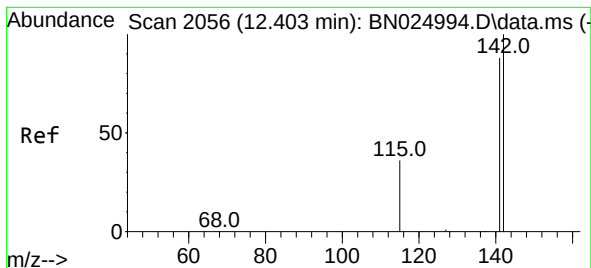


#5
 Naphthalene
 Concen: 0.372 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025010.D
 Acq: 19 Apr 2023 19:51

Tgt Ion: 128 Resp: 20112

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.5	10.5	15.7

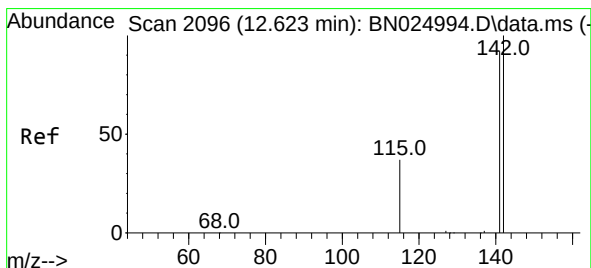
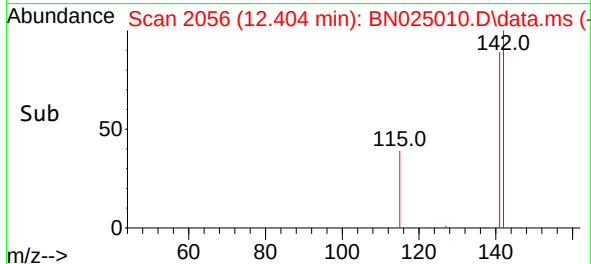
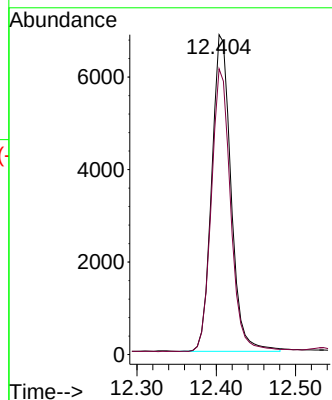
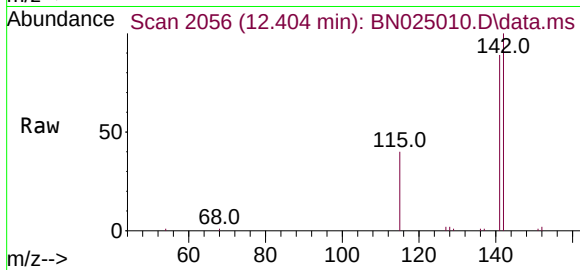




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.404 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

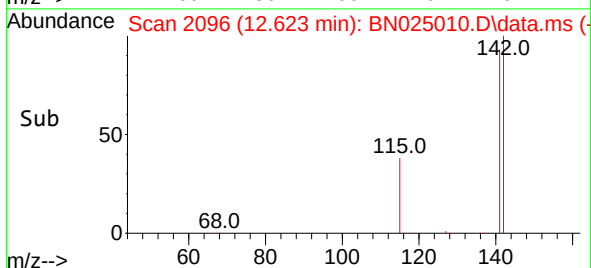
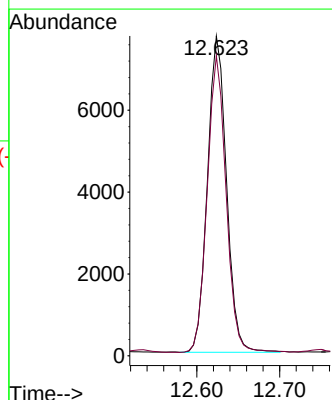
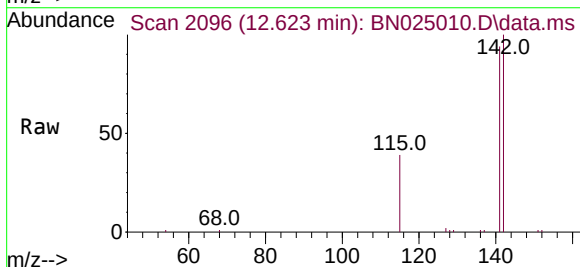
Instrument :
BNA_N
ClientSampleId :
SLCS206

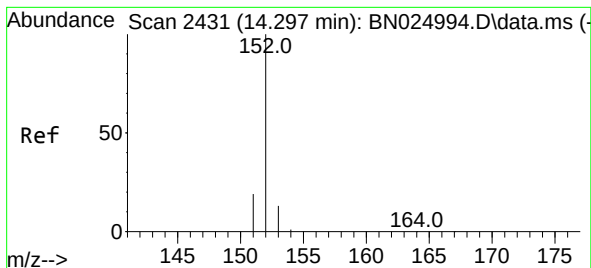
Tgt Ion:142 Resp: 11588
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Tgt Ion:142 Resp: 12361
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0





#10

Acenaphthylene

Concen: 0.351 ng/ul

RT: 14.298 min Scan# 2431

Delta R.T. 0.001 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

Instrument :

BNA_N

ClientSampleId :

SLCS206

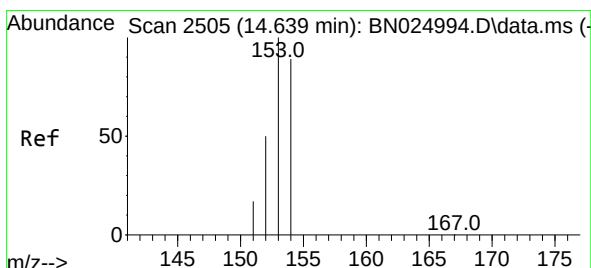
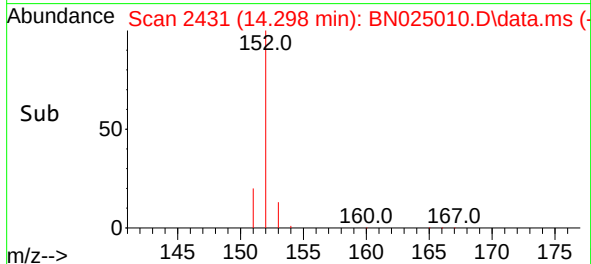
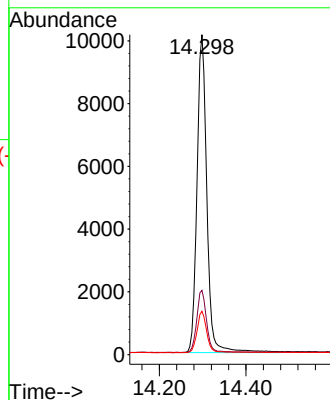
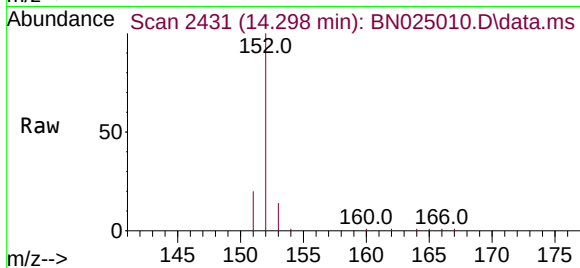
Tgt Ion:152 Resp: 15985

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.5 10.6 16.0



#11

Acenaphthene

Concen: 0.346 ng/ul

RT: 14.640 min Scan# 2505

Delta R.T. 0.001 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

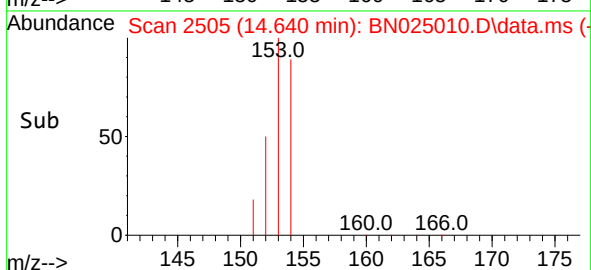
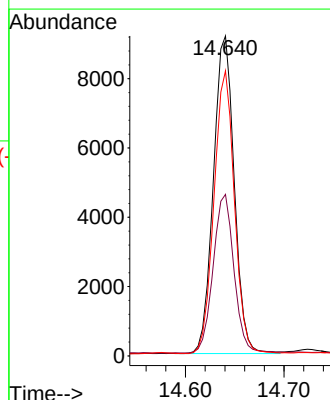
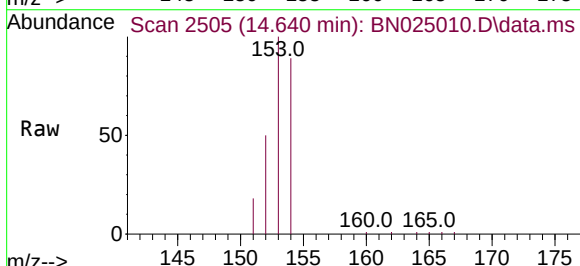
Tgt Ion:153 Resp: 13506

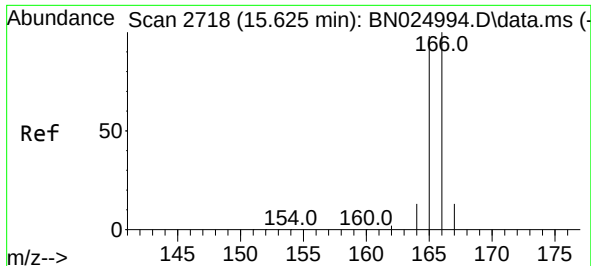
Ion Ratio Lower Upper

153 100

152 50.5 40.7 61.1

154 89.1 69.4 104.2

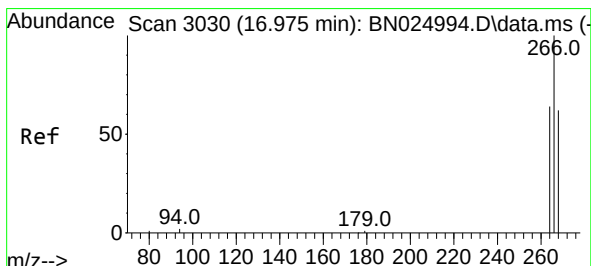
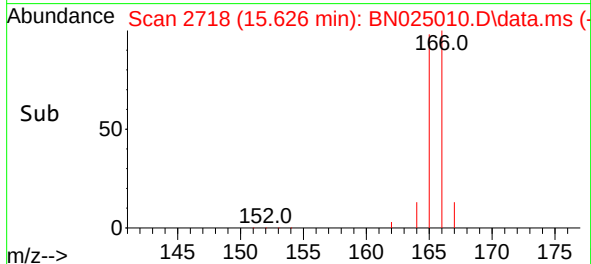
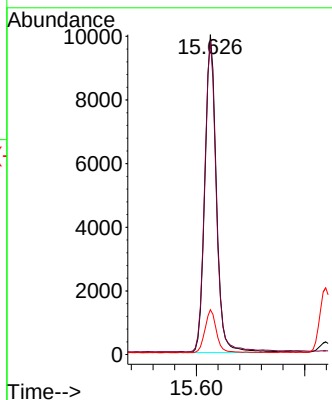
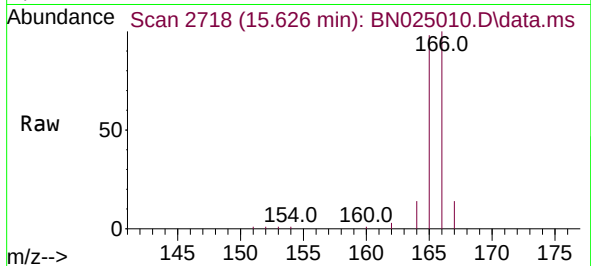




#12
 Fluorene
 Concen: 0.339 ng/ul
 RT: 15.626 min Scan# 2718
 Delta R.T. 0.001 min
 Lab File: BN025010.D
 Acq: 19 Apr 2023 19:51

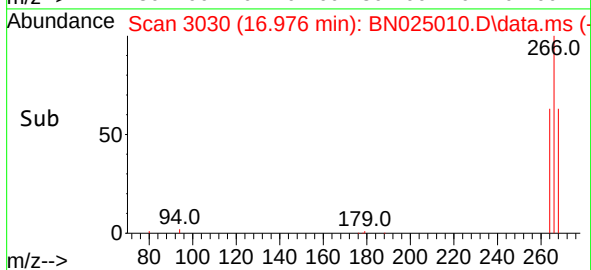
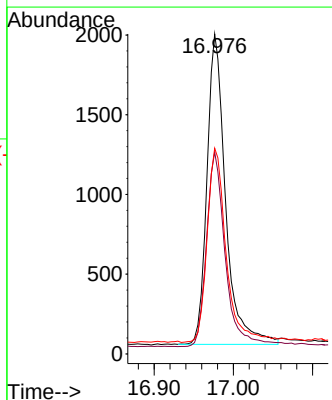
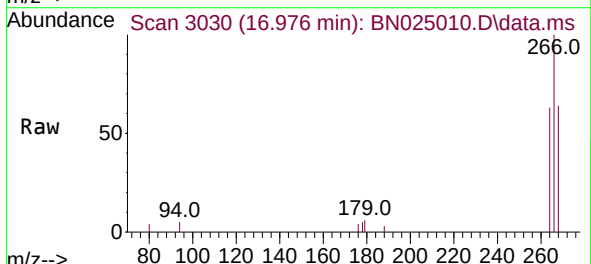
Instrument :
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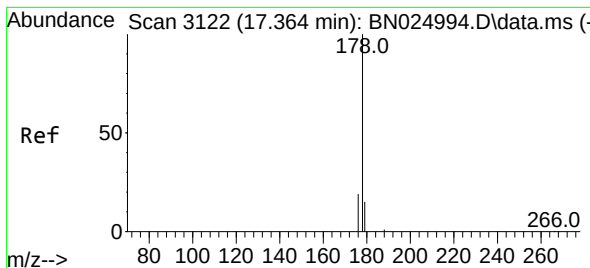
Tgt Ion:166 Resp: 14785
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.1 120.1
 167 14.0 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.571 ng/ul
 RT: 16.976 min Scan# 3030
 Delta R.T. 0.001 min
 Lab File: BN025010.D
 Acq: 19 Apr 2023 19:51

Tgt Ion:266 Resp: 3194
 Ion Ratio Lower Upper
 266 100
 264 63.2 51.2 76.8
 268 64.1 51.4 77.2





#15

Phenanthrene

Concen: 0.341 ng/ul

RT: 17.365 min Scan# 3122

Delta R.T. 0.001 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

Instrument :

BNA_N

ClientSampleId :

SLCS206

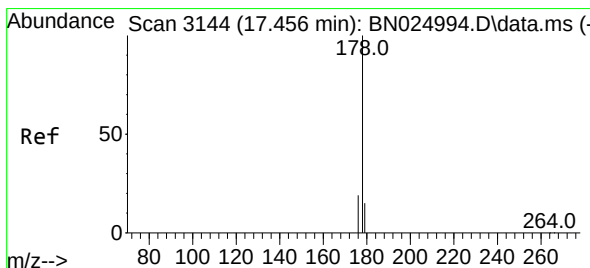
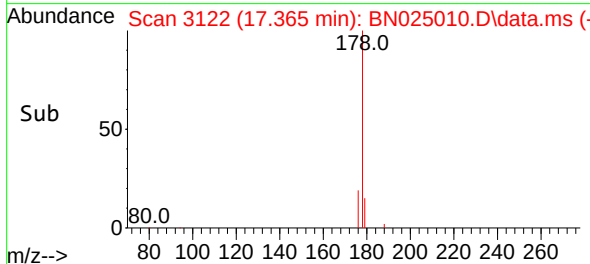
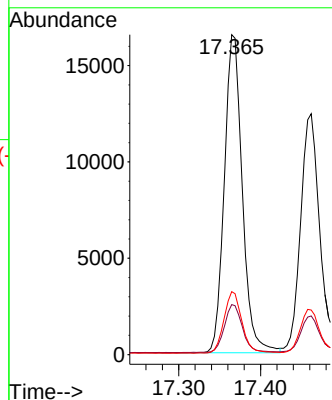
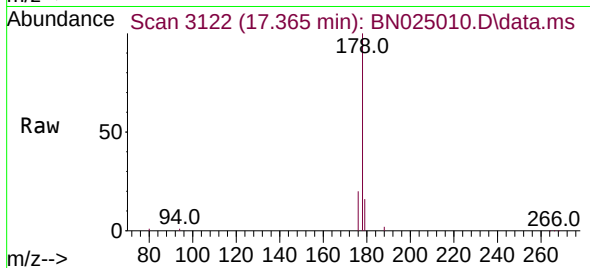
Tgt Ion:178 Resp: 25214

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.7 15.4 23.0



#16

Anthracene

Concen: 0.336 ng/ul

RT: 17.462 min Scan# 3145

Delta R.T. 0.005 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

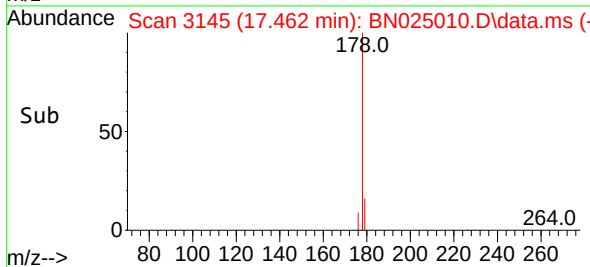
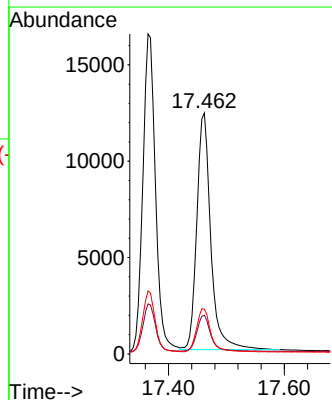
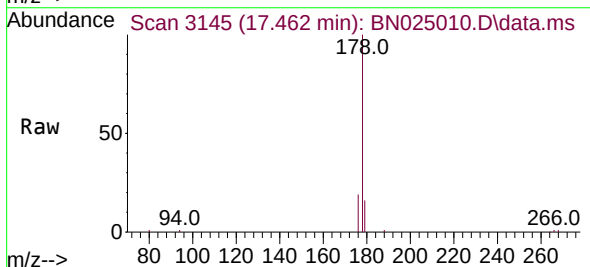
Tgt Ion:178 Resp: 20621

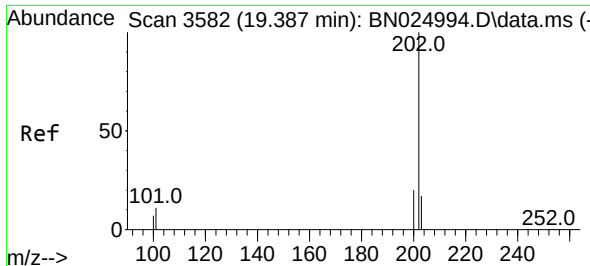
Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 18.5 14.7 22.1

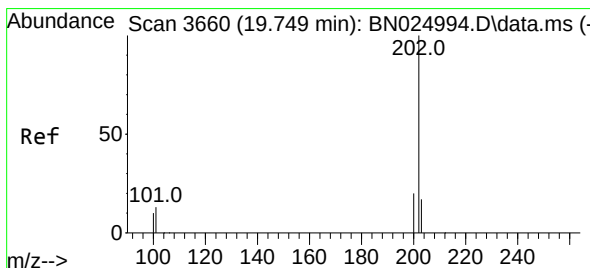
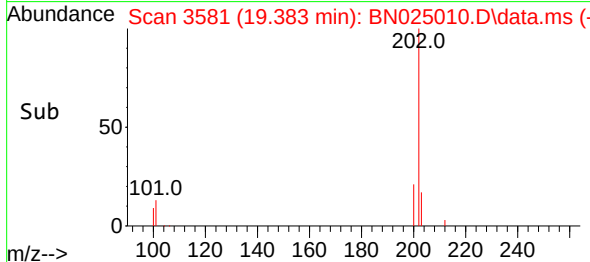
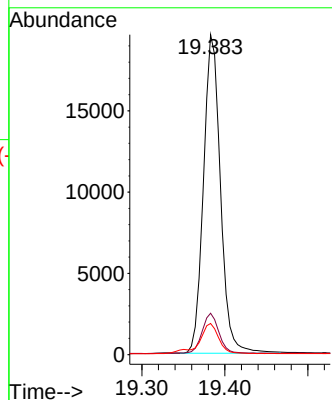
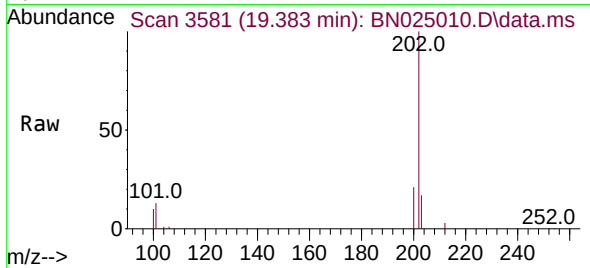




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

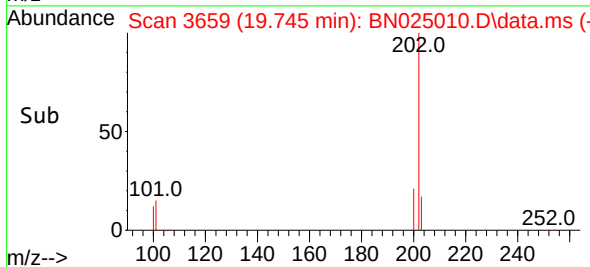
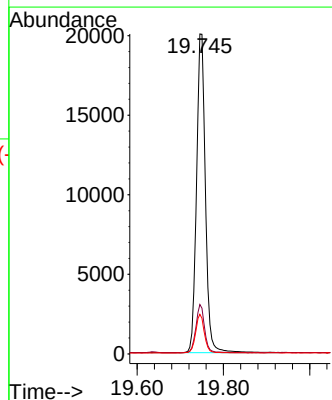
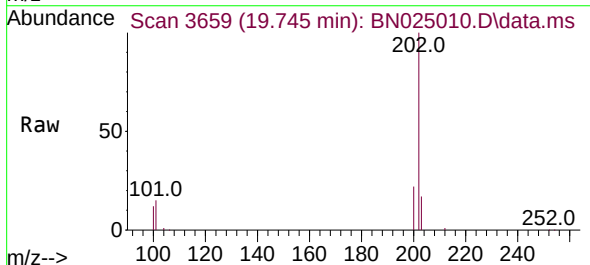
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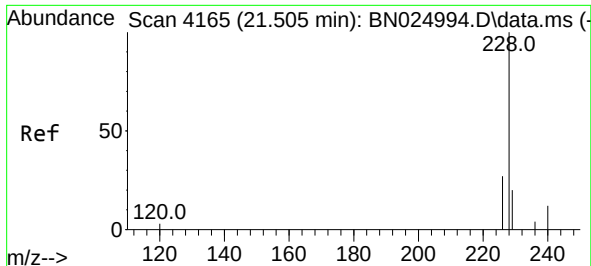
Tgt Ion:202 Resp: 27859
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Tgt Ion:202 Resp: 28613
Ion Ratio Lower Upper
202 100
101 15.4 11.8 17.8
100 12.4 9.5 14.3

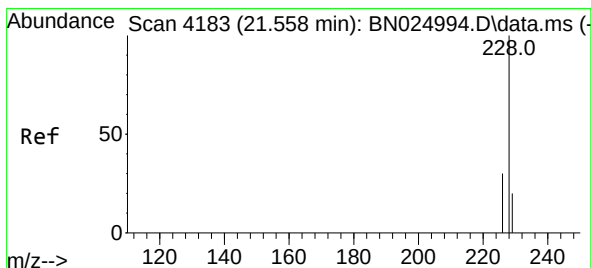
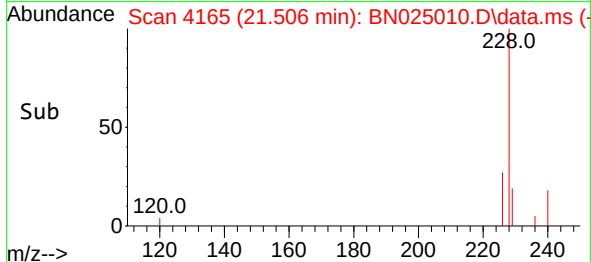
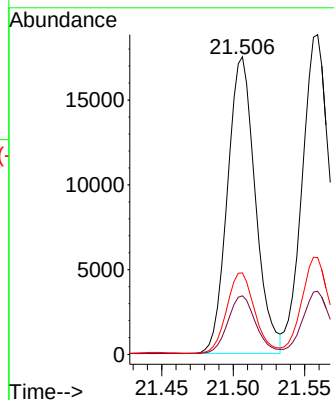
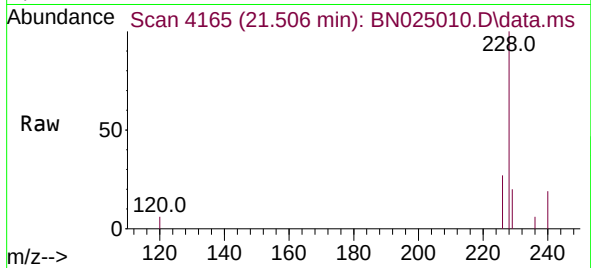




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. 0.001 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

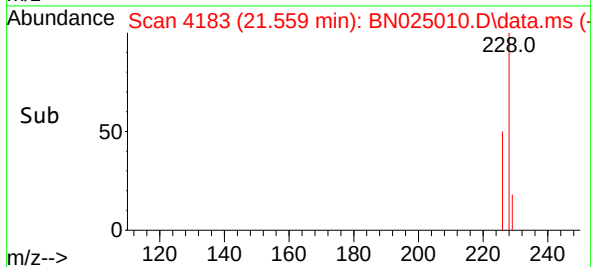
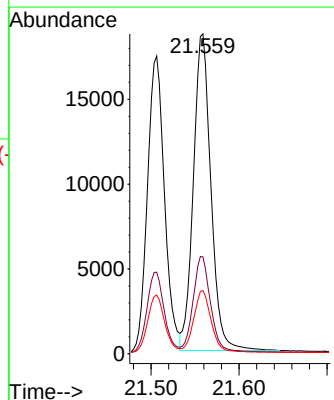
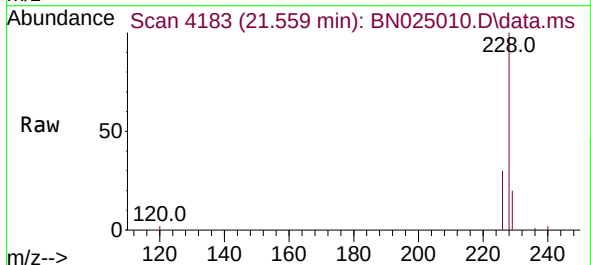
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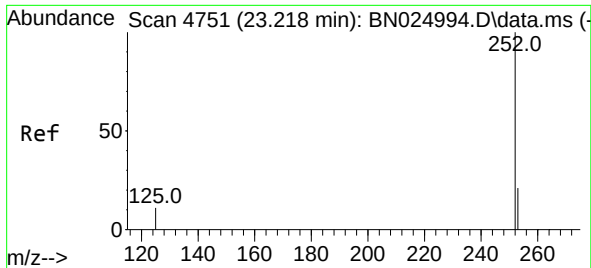
Tgt Ion:228 Resp: 23665
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.361 ng/ul
RT: 21.559 min Scan# 4183
Delta R.T. 0.001 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Tgt Ion:228 Resp: 25793
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.8 15.7 23.5

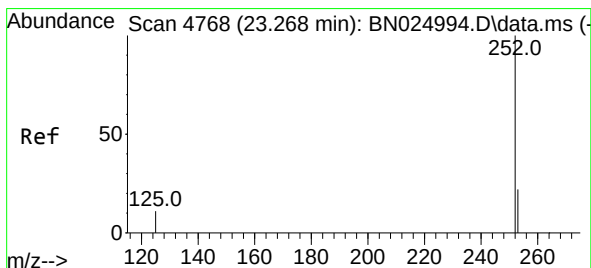
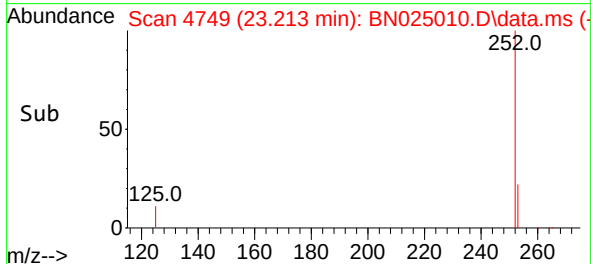
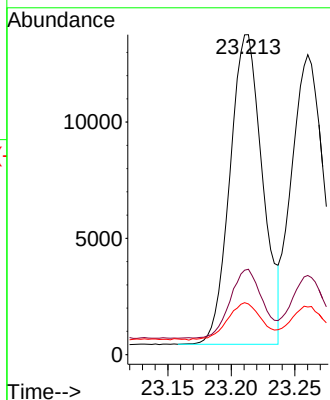
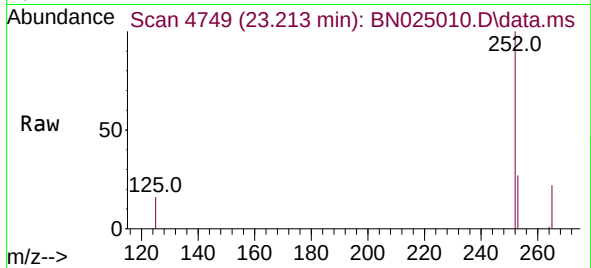




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.213 min Scan# 4751
Delta R.T. -0.005 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

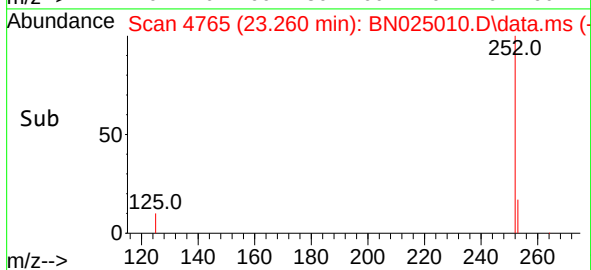
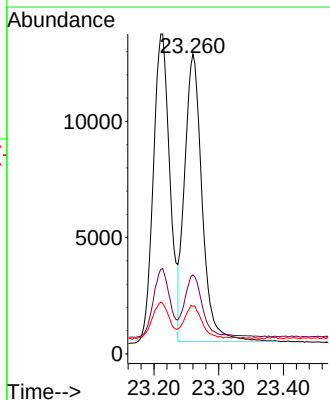
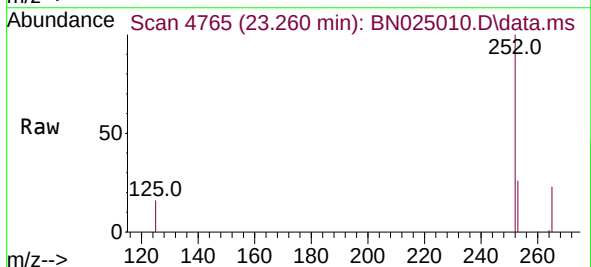
Instrument :
BNA_N
ClientSampleId :
SLCS206

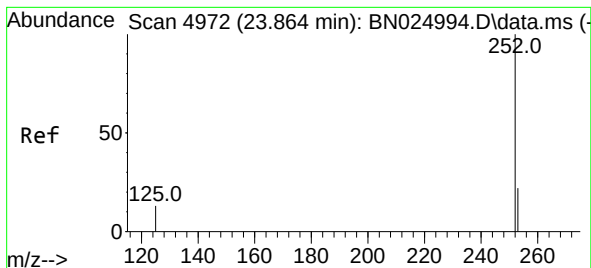
Tgt Ion:252 Resp: 23809
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.4
125 15.8 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.260 min Scan# 4765
Delta R.T. -0.008 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Tgt Ion:252 Resp: 23191
Ion Ratio Lower Upper
252 100
253 26.4 20.1 30.1
125 15.9 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.335 ng/ul

RT: 23.845 min Scan# 49

Delta R.T. -0.019 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

Instrument :

BNA_N

ClientSampleId :

SLCS206

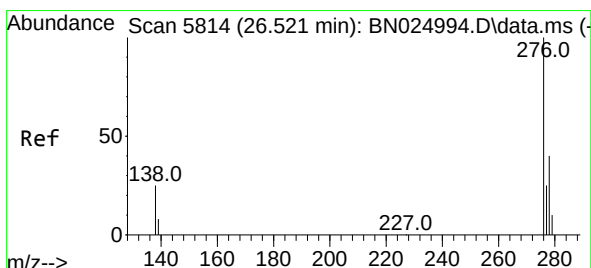
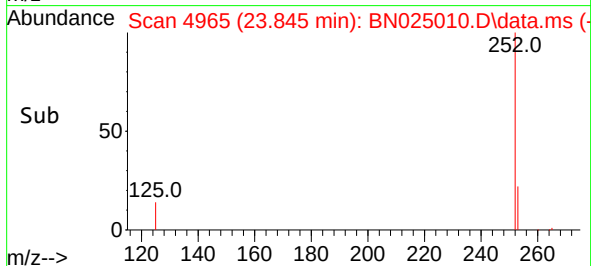
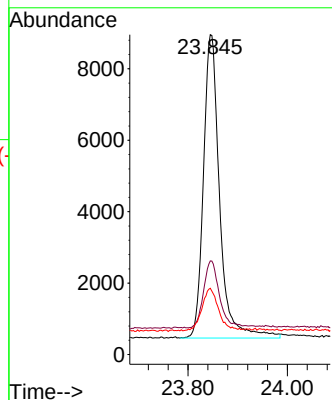
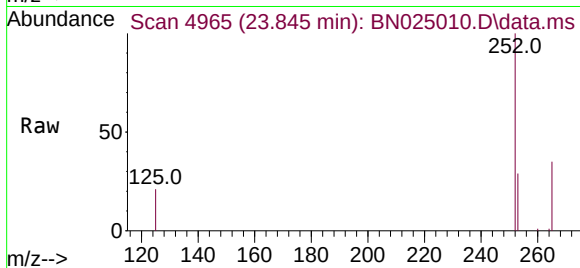
Tgt Ion:252 Resp: 19186

Ion Ratio Lower Upper

252 100

253 29.3 20.7 31.1

125 20.7 15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul

RT: 26.485 min Scan# 5803

Delta R.T. -0.036 min

Lab File: BN025010.D

Acq: 19 Apr 2023 19:51

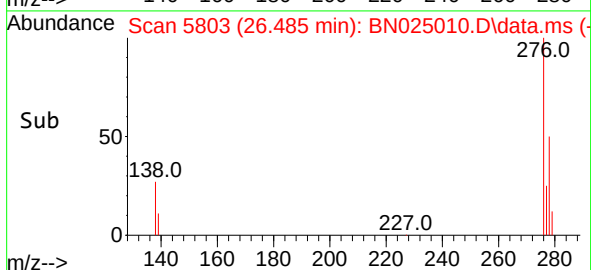
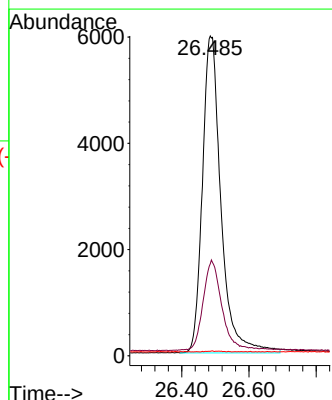
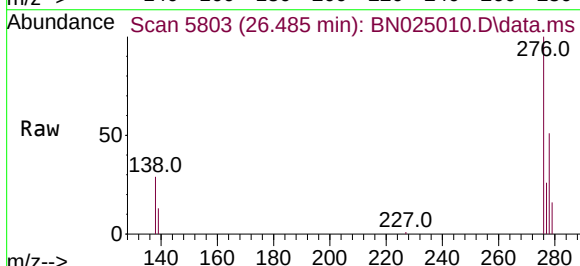
Tgt Ion:276 Resp: 22911

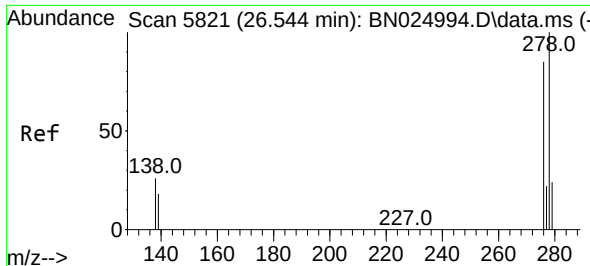
Ion Ratio Lower Upper

276 100

138 29.4 24.2 36.2

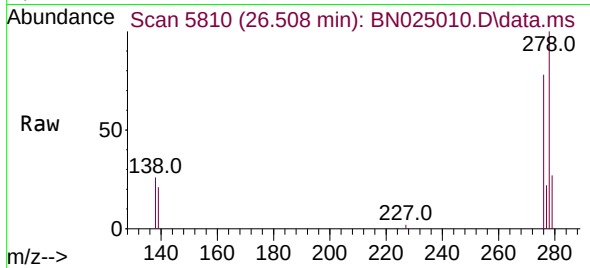
227 0.1 0.0 0.0#



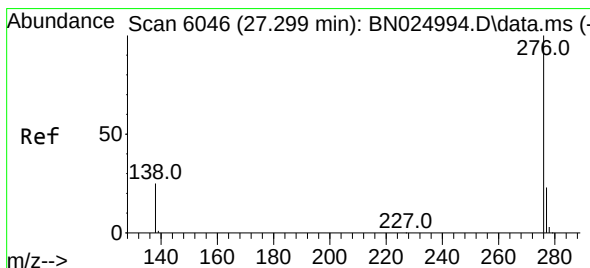
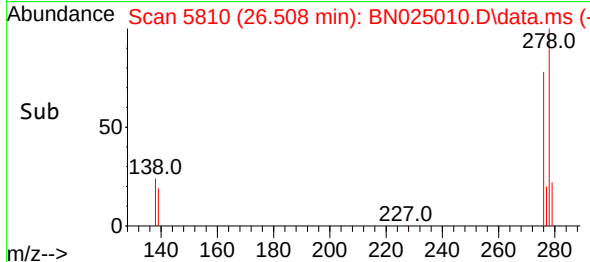
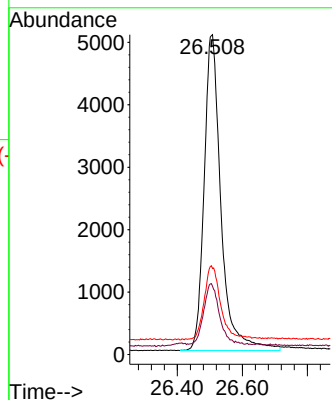


#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.508 min Scan# 5810
Delta R.T. -0.036 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Instrument :
BNA_N
ClientSampleId :
SLCS206



Tgt Ion: 278 Resp: 18199
Ion Ratio Lower Upper
278 100
139 21.4 16.4 24.6
279 26.9 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 27.256 min Scan# 6033
Delta R.T. -0.043 min
Lab File: BN025010.D
Acq: 19 Apr 2023 19:51

Tgt Ion: 276 Resp: 19711
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 24.3 19.7 29.5

