

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025009.D
 Acq On : 19 Apr 2023 19:15
 Operator : CG/JU
 Sample : PB152182BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS182

Quant Time: Apr 20 04:22:04 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)

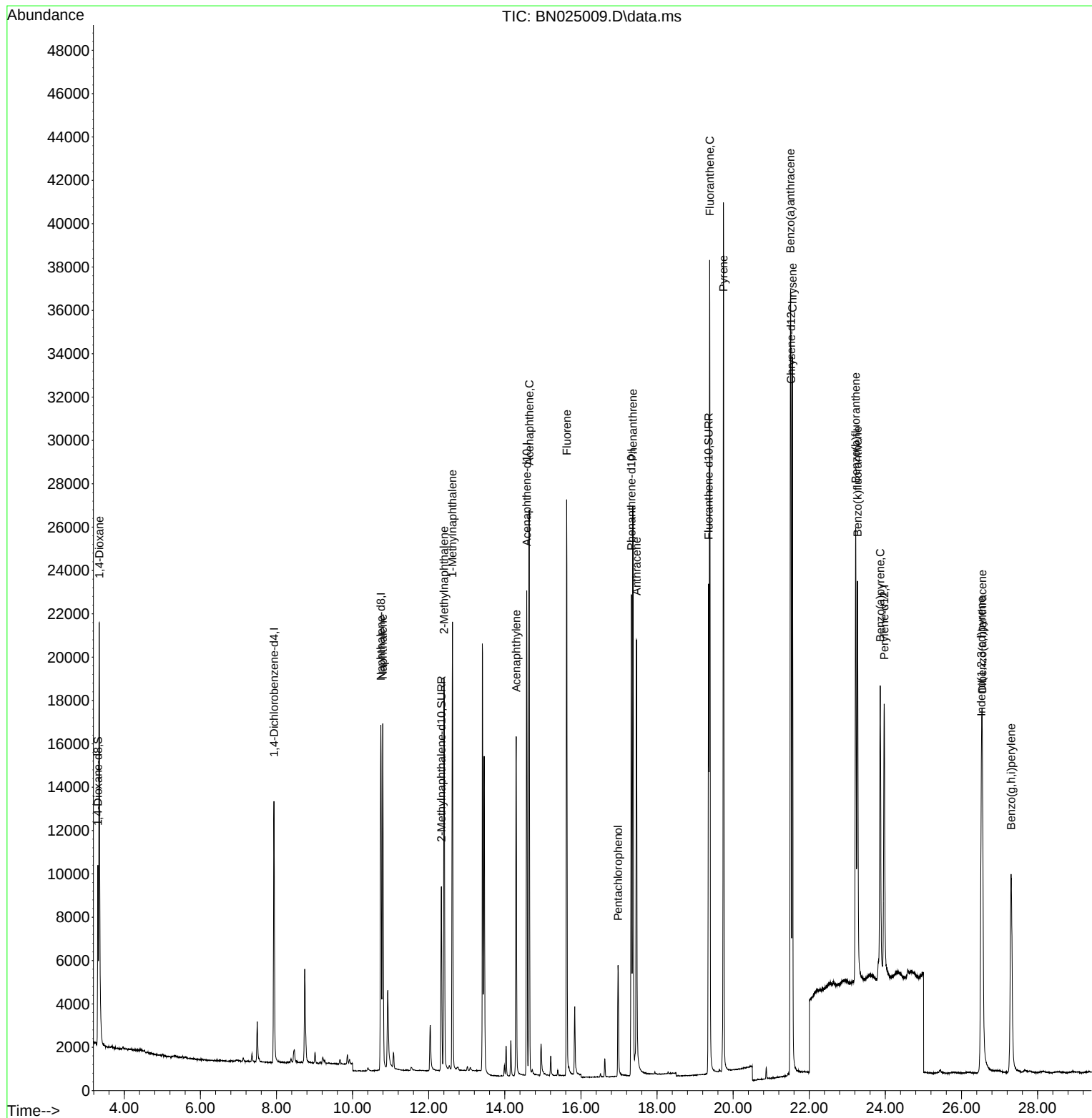
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6633	0.400	ng/u1	0.00
4) Naphthalene-d8	10.743	136	20982	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.576	164	12112	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.327	188	26270	0.400	ng/u1	0.00
17) Chrysene-d12	21.521	240	21137	0.400	ng/u1	0.00
23) Perylene-d12	23.968	264	17373	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	5230	0.722	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11217	0.416	ng/u1	0.00
18) Fluoranthene-d10	19.355	212	24955	0.475	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	13322	1.669	ng/u1	94
5) Naphthalene	10.792	128	23092	0.432	ng/u1	99
7) 2-Methylnaphthalene	12.404	142	13112	0.394	ng/u1	98
8) 1-Methylnaphthalene	12.623	142	14082	0.399	ng/u1	99
10) Acenaphthylene	14.298	152	18444	0.406	ng/u1	99
11) Acenaphthene	14.640	153	15189	0.390	ng/u1	99
12) Fluorene	15.626	166	16868	0.387	ng/u1	98
14) Pentachlorophenol	16.976	266	3695	0.660	ng/u1	98
15) Phenanthrene	17.365	178	28855	0.390	ng/u1	99
16) Anthracene	17.462	178	24159	0.393	ng/u1	99
19) Fluoranthene	19.383	202	32299	0.444	ng/u1	99
20) Pyrene	19.745	202	33390	0.448	ng/u1	99
21) Benzo(a)anthracene	21.506	228	27494	0.412	ng/u1	100
22) Chrysene	21.556	228	29328	0.406	ng/u1	100
24) Benzo(b)fluoranthene	23.219	252	26324	0.378	ng/u1	98
25) Benzo(k)fluoranthene	23.269	252	26331	0.387	ng/u1	97
26) Benzo(a)pyrene	23.865	252	21505	0.372	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.522	276	25503	0.374	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.548	278	20130	0.376	ng/u1	98
29) Benzo(g,h,i)perylene	27.303	276	21643	0.375	ng/u1	99

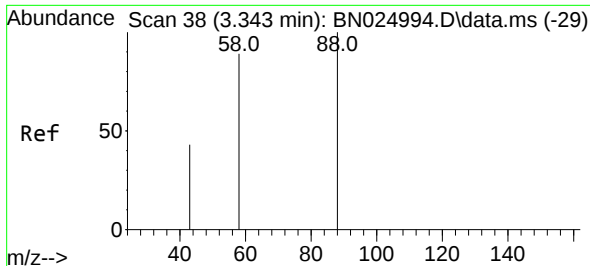
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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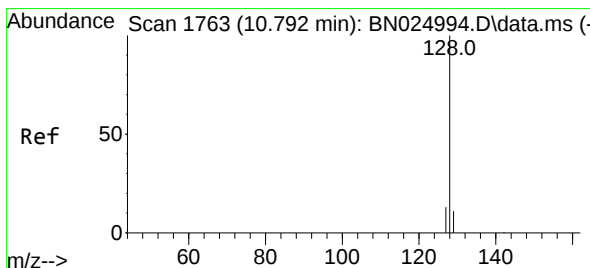
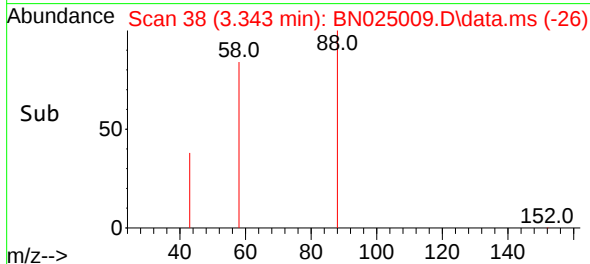
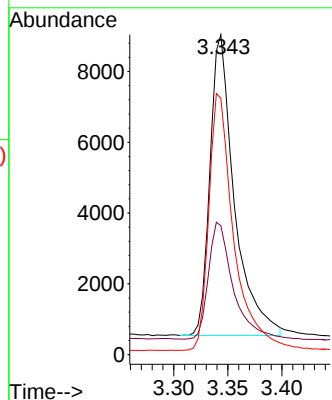
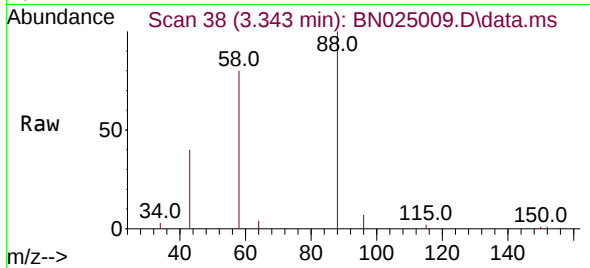




#2
 1,4-Dioxane
 Concen: 1.669 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025009.D
 Acq: 19 Apr 2023 19:15

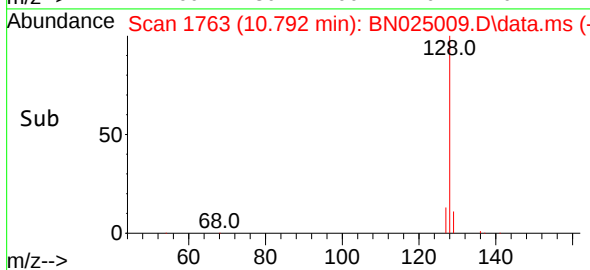
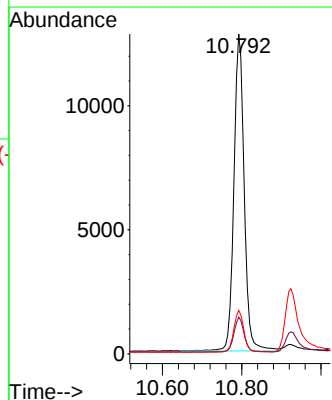
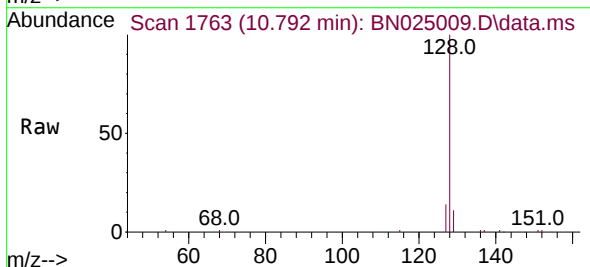
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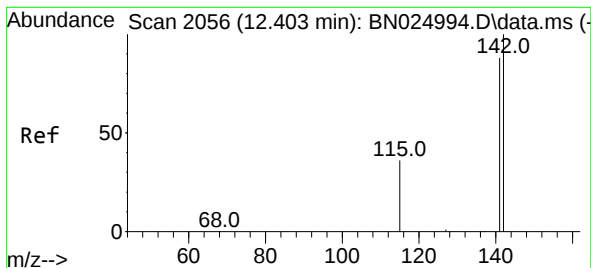
Tgt Ion: 88 Resp: 13322
 Ion Ratio Lower Upper
 88 100
 43 40.3 39.1 58.7
 58 80.1 65.7 98.5



#5
 Naphthalene
 Concen: 0.432 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025009.D
 Acq: 19 Apr 2023 19:15

Tgt Ion: 128 Resp: 23092
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.6 10.5 15.7

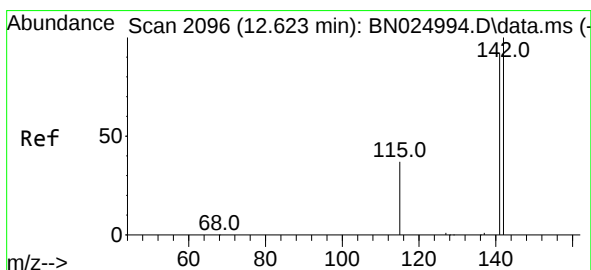
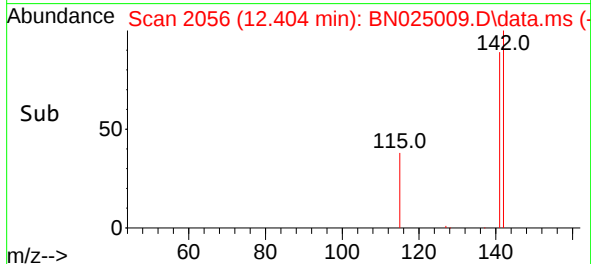
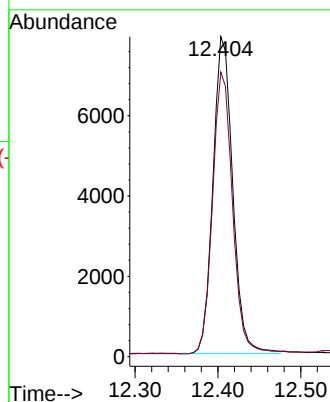
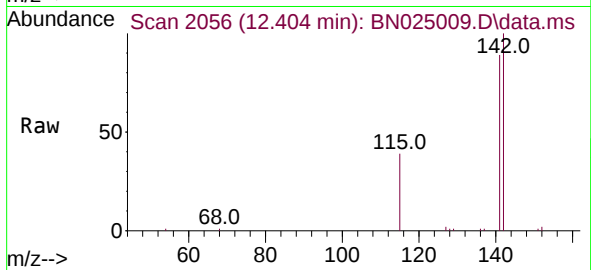




#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.404 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

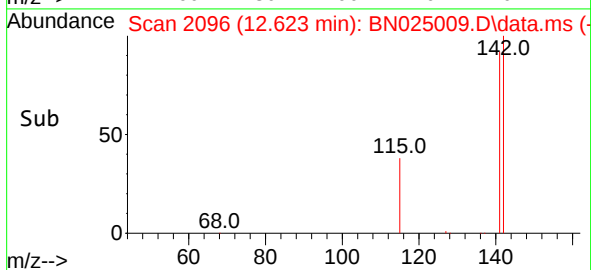
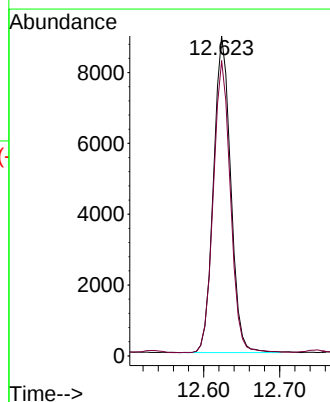
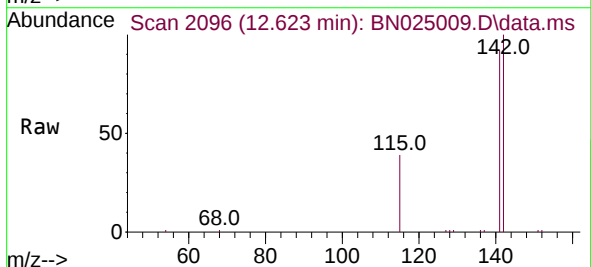
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BNA_N
ClientSampleId :
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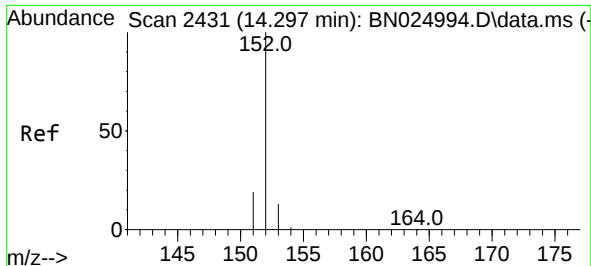
Tgt Ion:142 Resp: 13112
Ion Ratio Lower Upper
142 100
141 90.0 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

Tgt Ion:142 Resp: 14082
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0

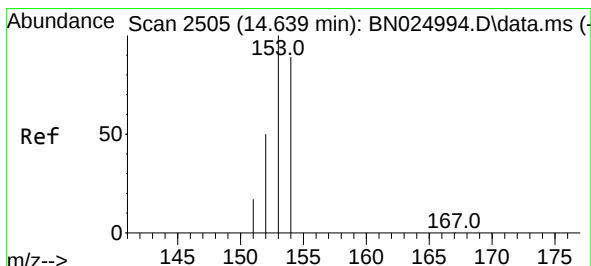
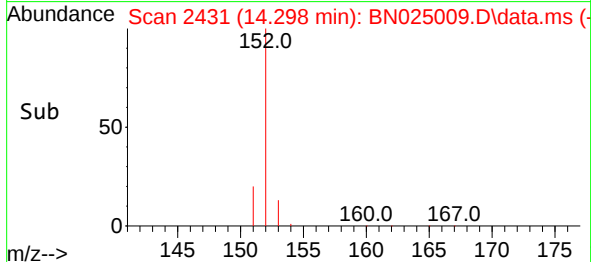
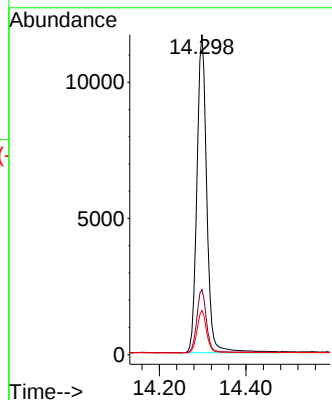
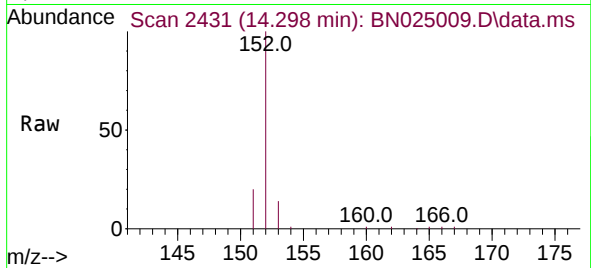




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.298 min Scan# 2431
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

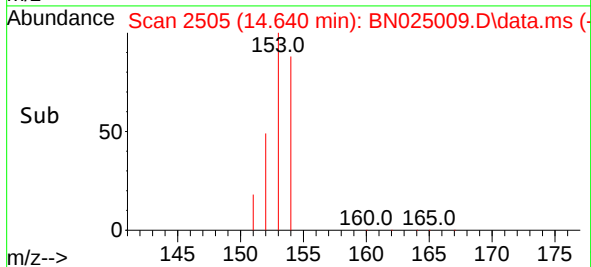
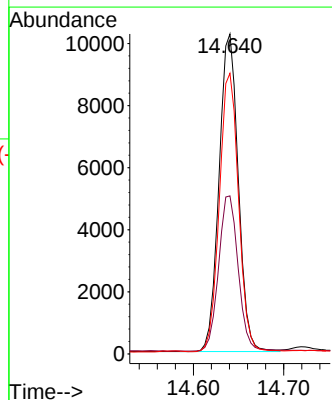
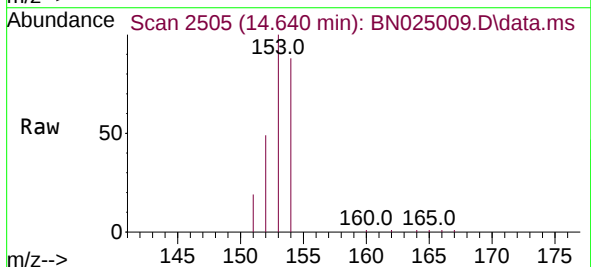
Instrument :
BNA_N
ClientSampleId :
SLCS182

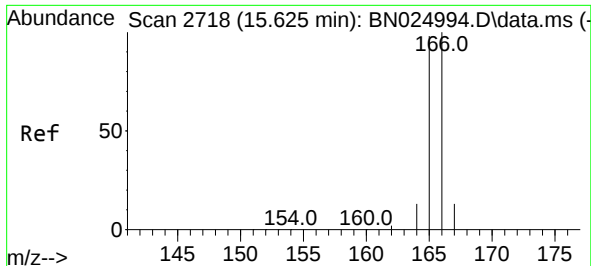
Tgt Ion:152 Resp: 18444
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.8 10.6 16.0



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

Tgt Ion:153 Resp: 15189
Ion Ratio Lower Upper
153 100
152 49.4 40.7 61.1
154 87.7 69.4 104.2

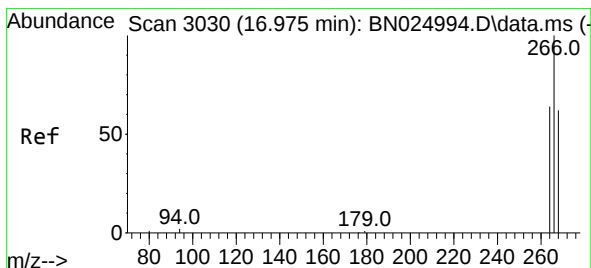
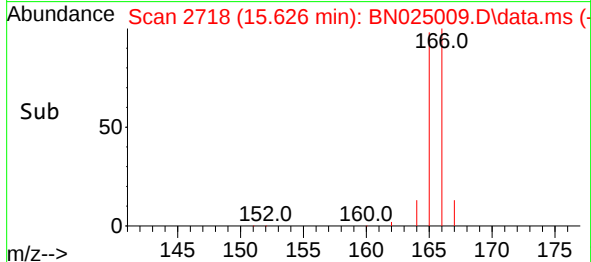
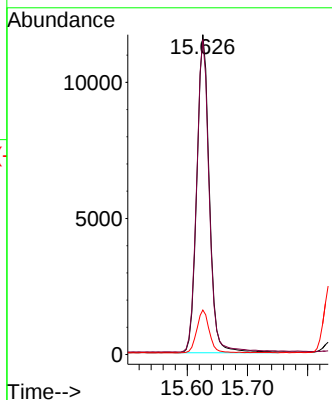
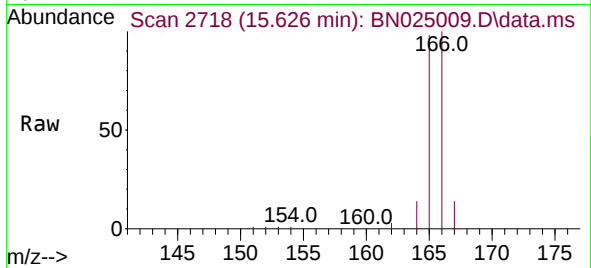




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.626 min Scan# 2718
 Delta R.T. 0.001 min
 Lab File: BN025009.D
 Acq: 19 Apr 2023 19:15

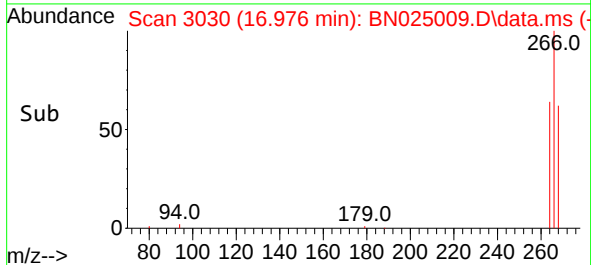
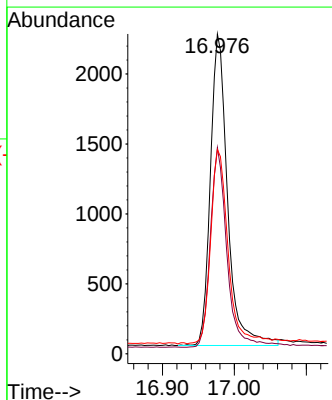
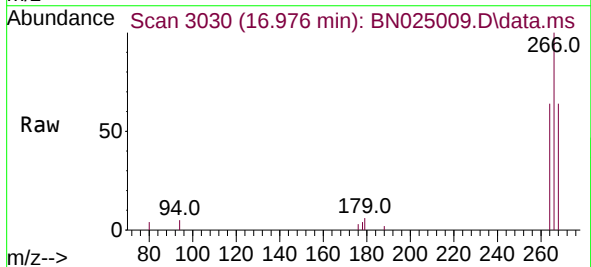
Instrument :
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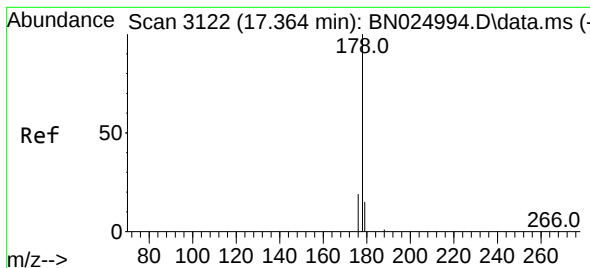
Tgt Ion:166 Resp: 16868
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.1 120.1
 167 13.9 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.660 ng/ul
 RT: 16.976 min Scan# 3030
 Delta R.T. 0.001 min
 Lab File: BN025009.D
 Acq: 19 Apr 2023 19:15

Tgt Ion:266 Resp: 3695
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.2 76.8
 268 63.8 51.4 77.2





#15

Phenanthrene

Concen: 0.390 ng/ul

RT: 17.365 min Scan# 3122

Delta R.T. 0.001 min

Lab File: BN025009.D

Acq: 19 Apr 2023 19:15

Instrument :

BNA_N

ClientSampleId :

SLCS182

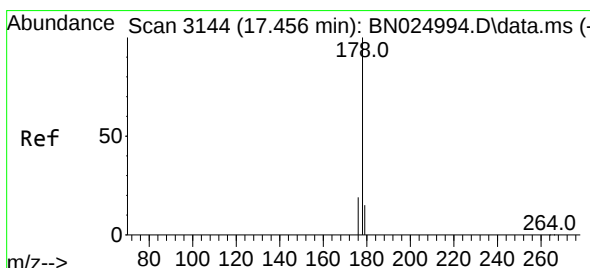
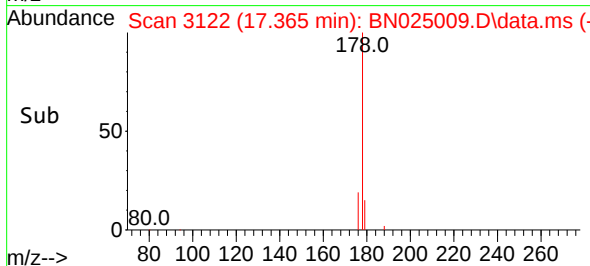
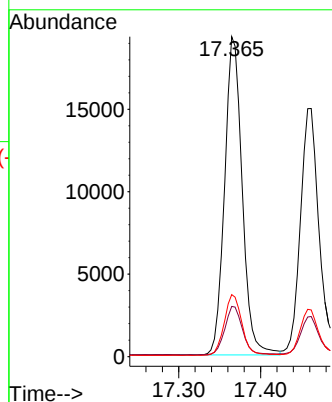
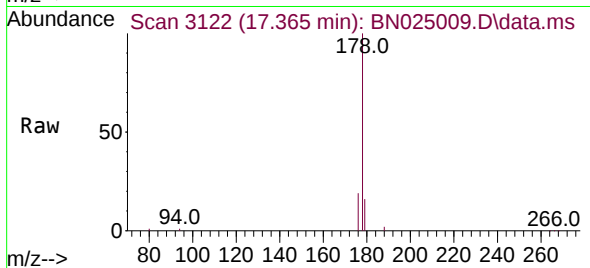
Tgt Ion:178 Resp: 28855

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.4 15.4 23.0



#16

Anthracene

Concen: 0.393 ng/ul

RT: 17.462 min Scan# 3145

Delta R.T. 0.005 min

Lab File: BN025009.D

Acq: 19 Apr 2023 19:15

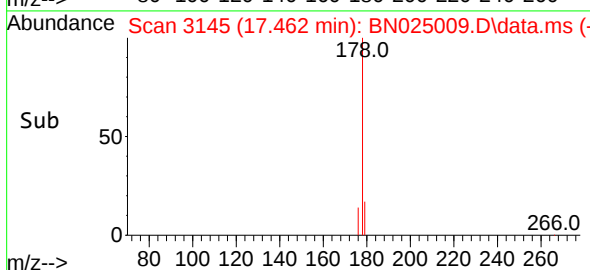
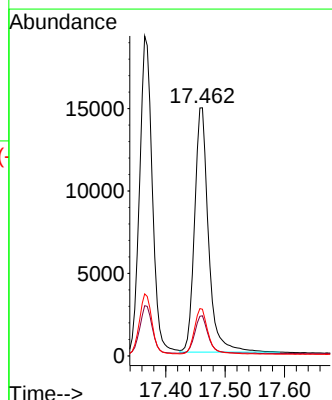
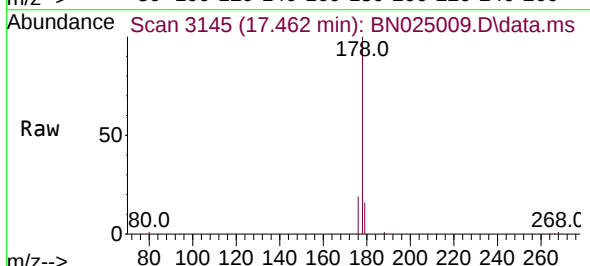
Tgt Ion:178 Resp: 24159

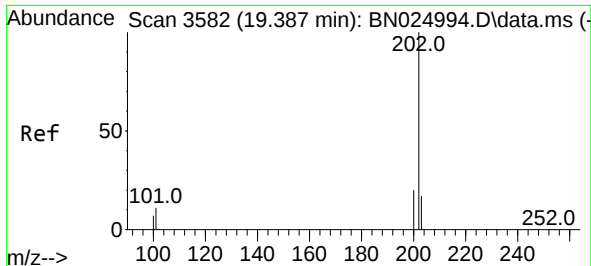
Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

176 18.8 14.7 22.1

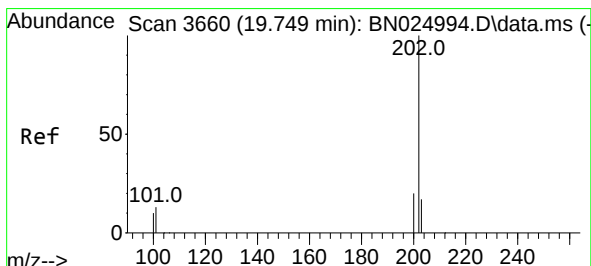
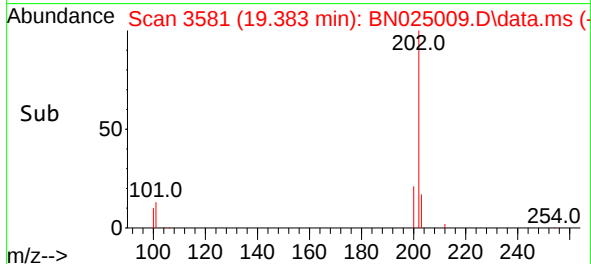
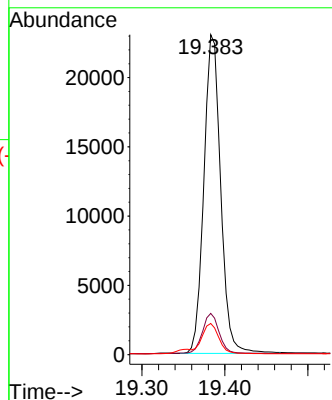
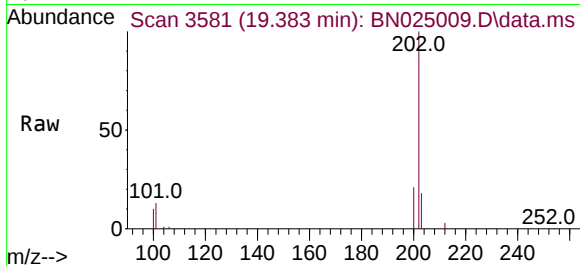




#19
Fluoranthene
Concen: 0.444 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

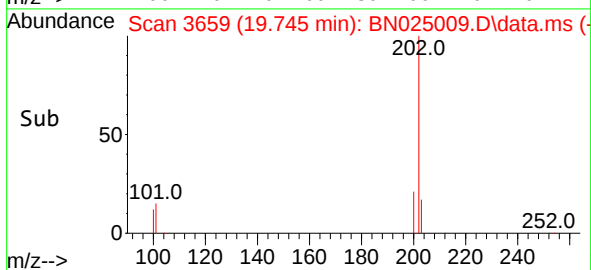
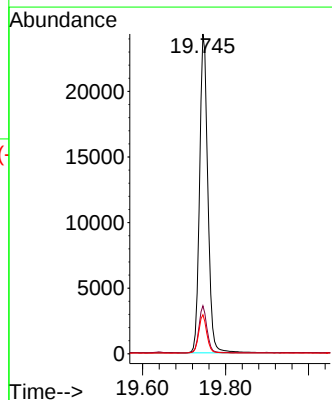
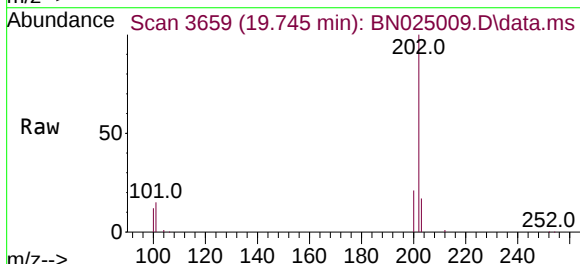
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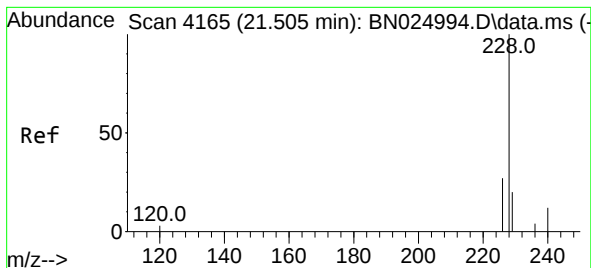
Tgt Ion:202 Resp: 32299
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.7 7.5 11.3



#20
Pyrene
Concen: 0.448 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

Tgt Ion:202 Resp: 33390
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 12.2 9.5 14.3





#21

Benzo(a)anthracene

Concen: 0.412 ng/ul

RT: 21.506 min Scan# 4165

Delta R.T. 0.001 min

Lab File: BN025009.D

Acq: 19 Apr 2023 19:15

Instrument :

BNA_N

ClientSampleId :

SLCS182

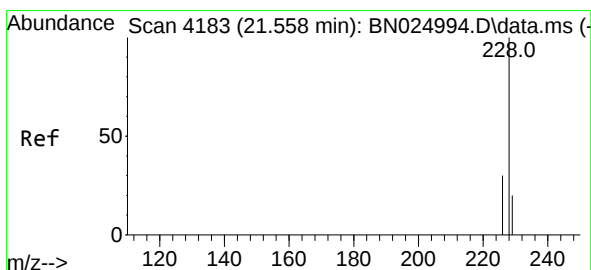
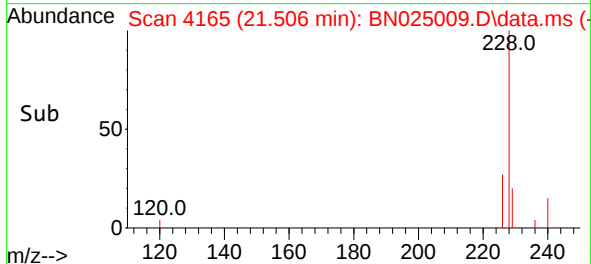
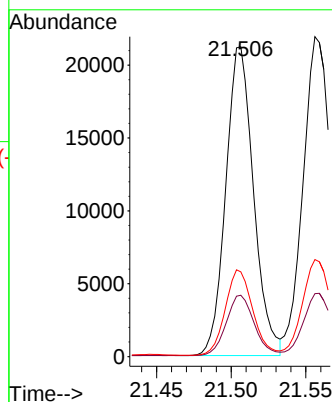
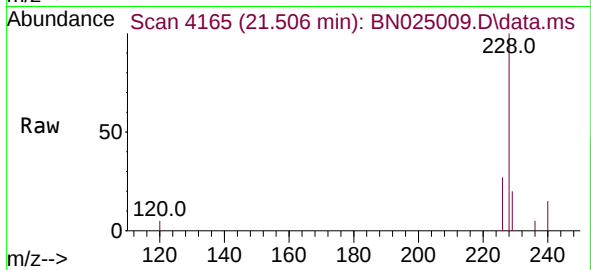
Tgt Ion:228 Resp: 27494

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

226 27.3 22.2 33.2



#22

Chrysene

Concen: 0.406 ng/ul

RT: 21.556 min Scan# 4182

Delta R.T. -0.002 min

Lab File: BN025009.D

Acq: 19 Apr 2023 19:15

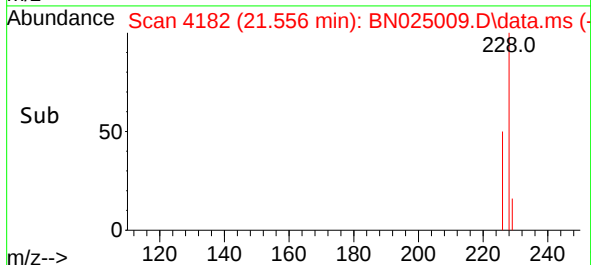
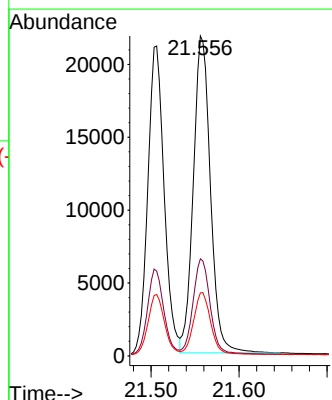
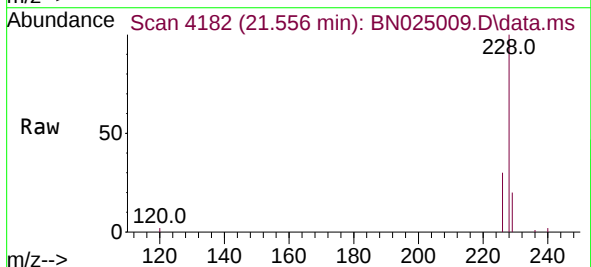
Tgt Ion:228 Resp: 29328

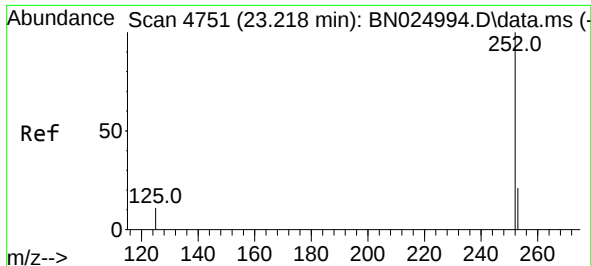
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 19.7 15.7 23.5

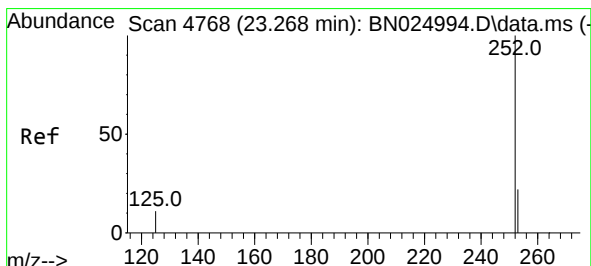
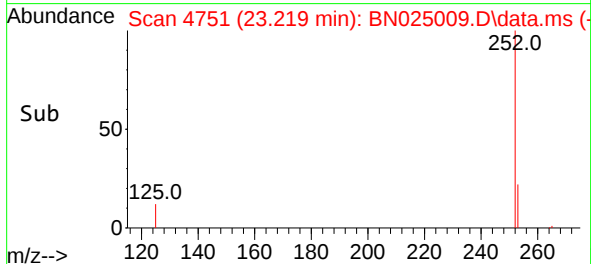
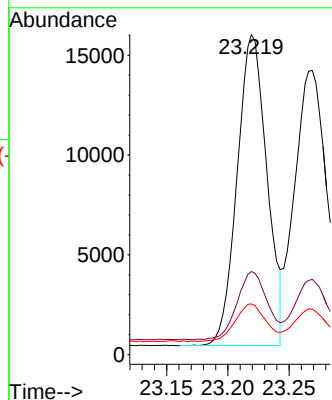
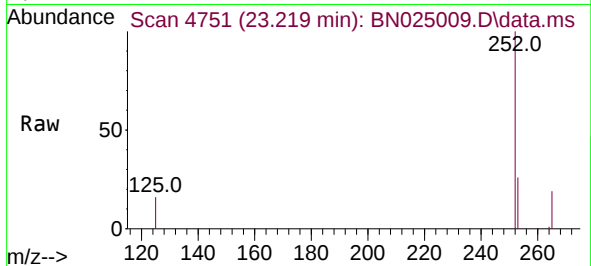




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.219 min Scan# 4751
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

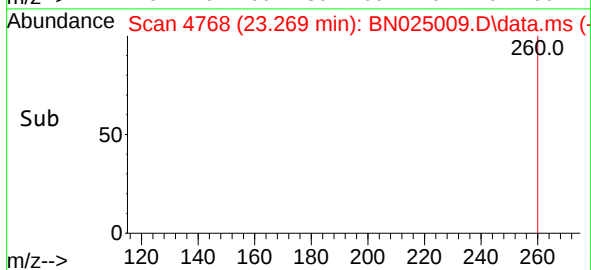
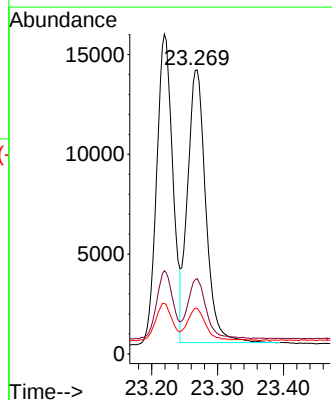
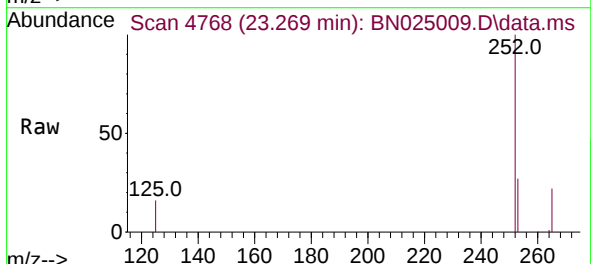
Instrument :
BNA_N
ClientSampleId :
SLCS182

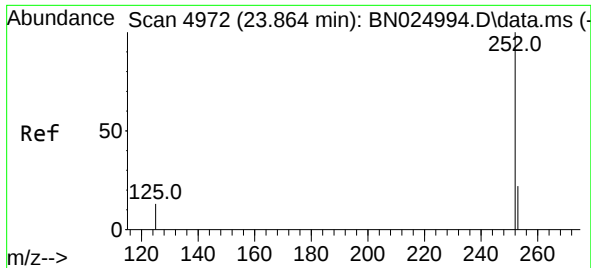
Tgt Ion:252	Resp:	26324
Ion Ratio	Lower	Upper
252	100	
253	26.0	0.0 49.4
125	15.8	0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.269 min Scan# 4768
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

Tgt Ion:252	Resp:	26331
Ion Ratio	Lower	Upper
252	100	
253	26.5	20.1 30.1
125	16.0	12.2 18.2

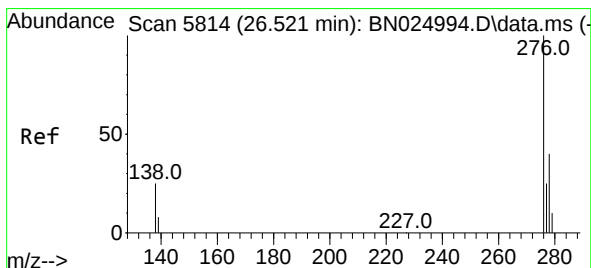
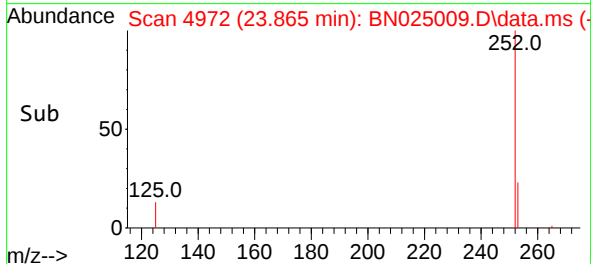
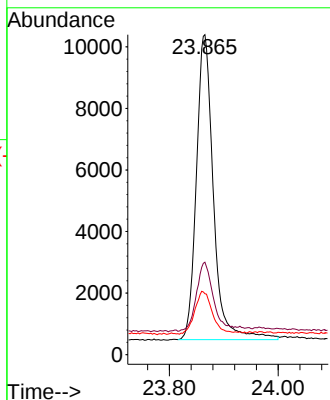
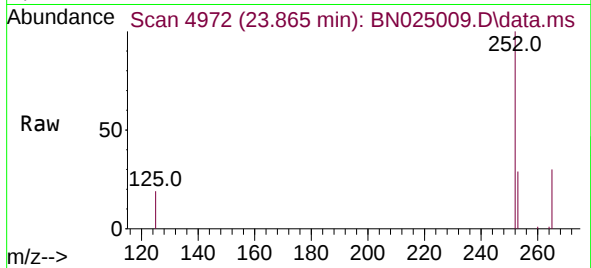




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.865 min Scan# 4972
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

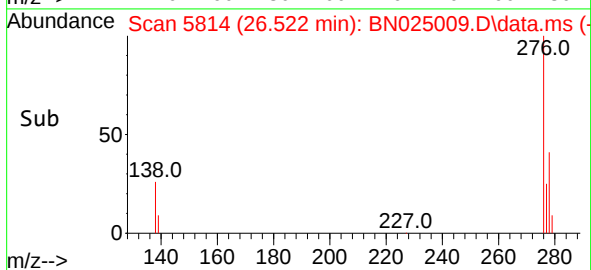
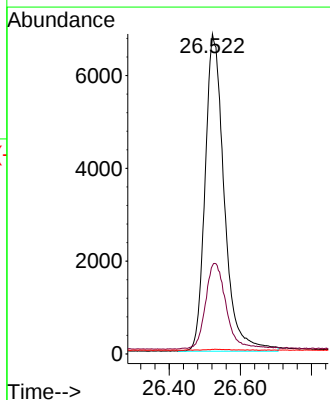
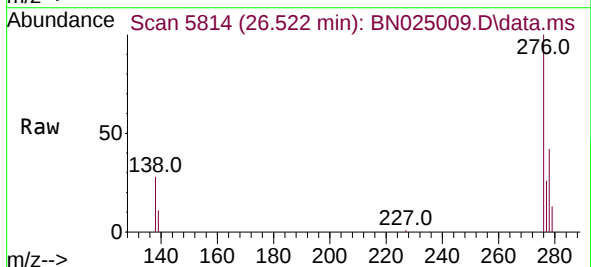
Instrument :
BNA_N
ClientSampleId :
SLCS182

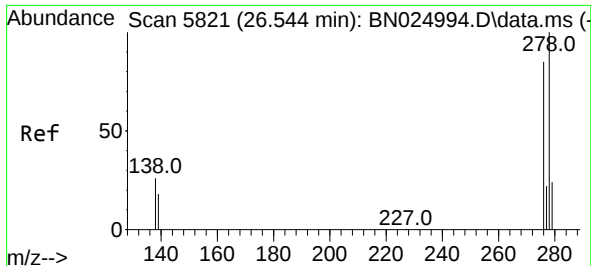
Tgt Ion:	252	Resp:	21505
Ion Ratio	Lower	Upper	
252	100		
253	28.9	20.7	31.1
125	19.0	15.9	23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.522 min Scan# 5814
Delta R.T. 0.001 min
Lab File: BN025009.D
Acq: 19 Apr 2023 19:15

Tgt Ion:	276	Resp:	25503
Ion Ratio	Lower	Upper	
276	100		
138	28.4	24.2	36.2
227	0.3	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.376 ng/ul

RT: 26.548 min Scan# 5821

Delta R.T. 0.004 min

Lab File: BN025009.D

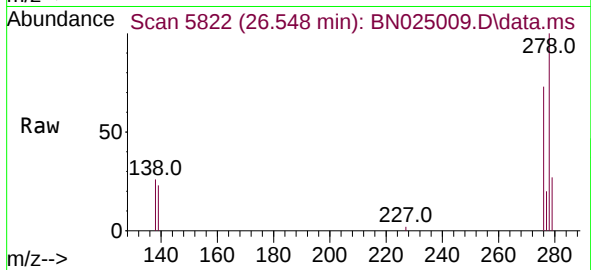
Acq: 19 Apr 2023 19:15

Instrument :

BNA_N

ClientSampleId :

SLCS182



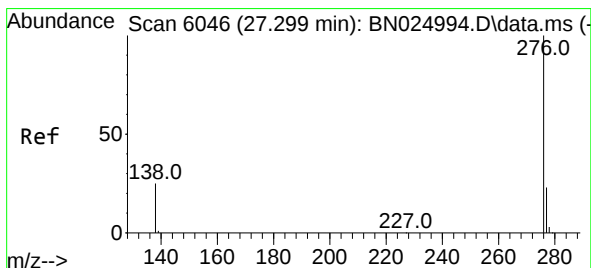
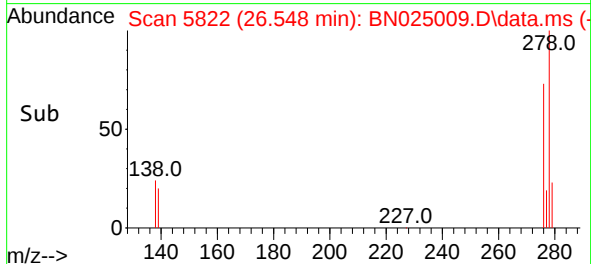
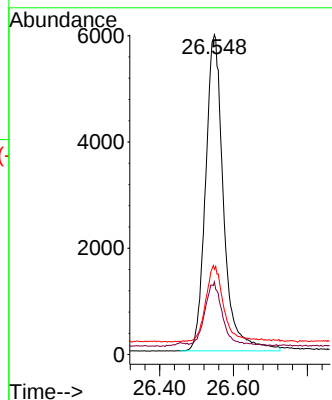
Tgt Ion:278 Resp: 20130

Ion Ratio Lower Upper

278 100

139 22.7 16.4 24.6

279 26.7 21.1 31.7



#29

Benzo(g,h,i)perylene

Concen: 0.375 ng/ul

RT: 27.303 min Scan# 6047

Delta R.T. 0.004 min

Lab File: BN025009.D

Acq: 19 Apr 2023 19:15

Tgt Ion:276 Resp: 21643

Ion Ratio Lower Upper

276 100

138 26.7 21.0 31.4

277 24.4 19.7 29.5

