

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025220.D
 Acq On : 02 May 2023 15:00
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW929

Quant Time: May 03 02:29:27 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

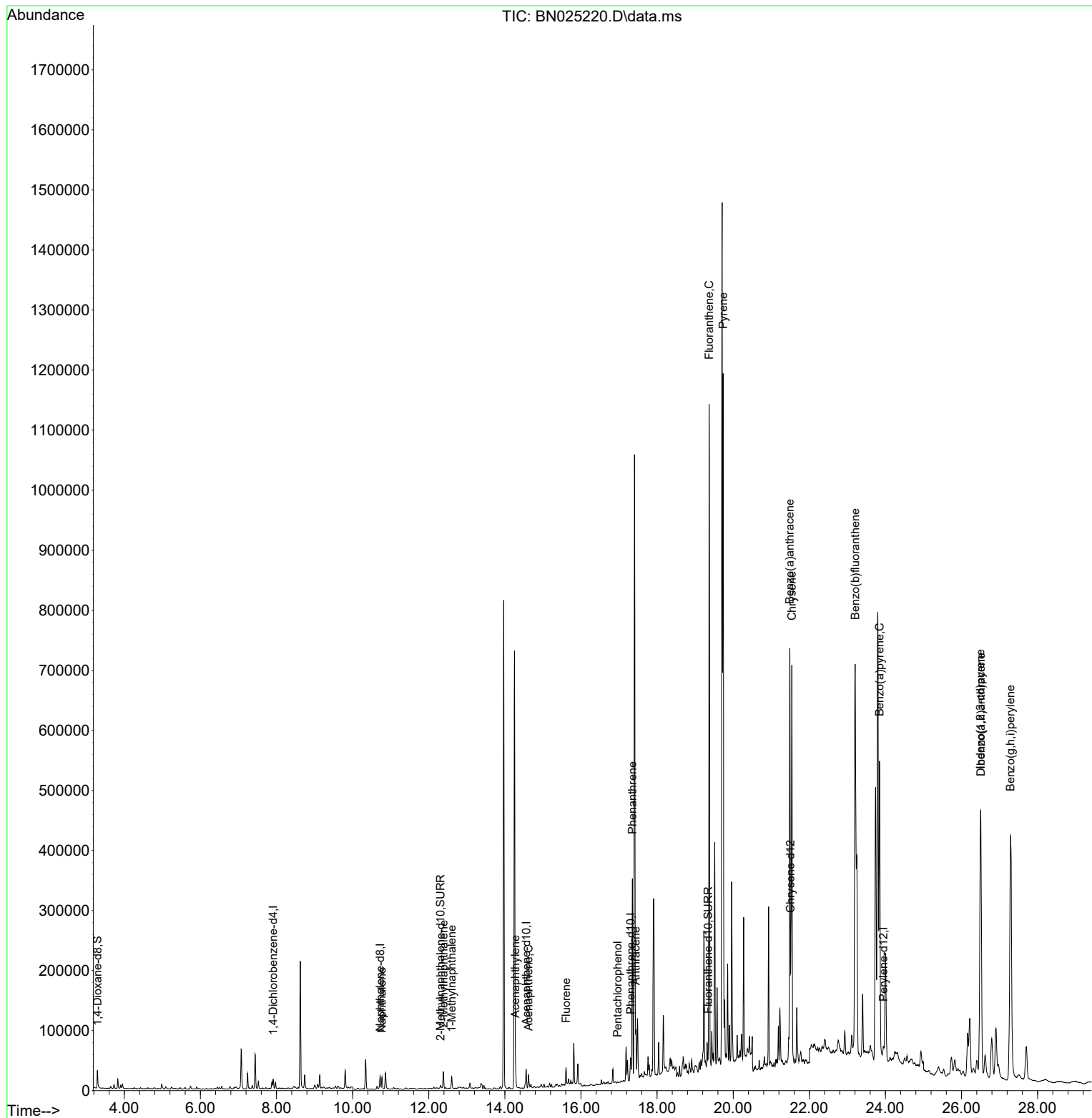
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	7759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	27722	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.562	164	17806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	57477	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	31516	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	26266	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17699	2.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6829	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	16414	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	23865	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	19397	0.446	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	13094	0.282	ng/ul	98
10) Acenaphthylene	14.279	152	38049	0.574	ng/ul	94
11) Acenaphthene	14.622	153	13014	0.233	ng/ul	99
12) Fluorene	15.607	166	18155	0.290	ng/ul#	90
14) Pentachlorophenol	16.963	266	416	0.037	ng/ul	89
15) Phenanthrene	17.352	178	349636	2.155	ng/ul	99
16) Anthracene	17.440	178	83071	0.626	ng/ul#	94
19) Fluoranthene	19.369	202	902981	7.923	ng/ul	99
20) Pyrene	19.736	202	909315	7.766	ng/ul	100
21) Benzo(a)anthracene	21.486	228	583838	6.148	ng/ul	96
22) Chrysene	21.541	228	687230	6.634	ng/ul	97
24) Benzo(b)fluoranthene	23.204	252	1532353	14.380	ng/ul	95
26) Benzo(a)pyrene	23.845	252	697910	7.916	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.498	276	733386	7.219	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.508	278	173231	2.183	ng/ul#	89
29) Benzo(g,h,i)perylene	27.289	276	892636	10.334	ng/ul	99

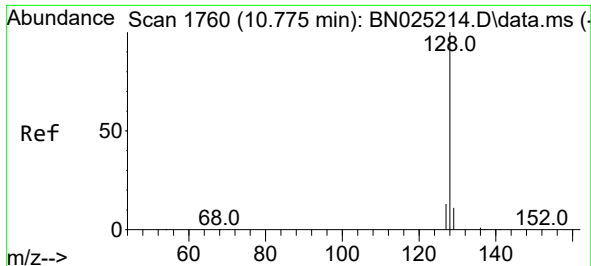
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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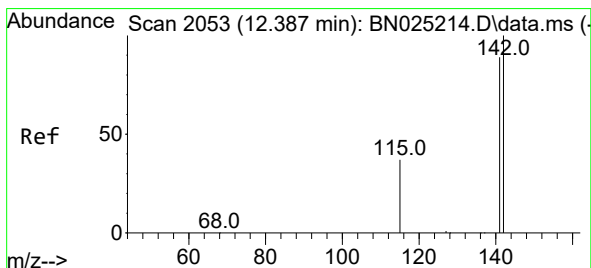
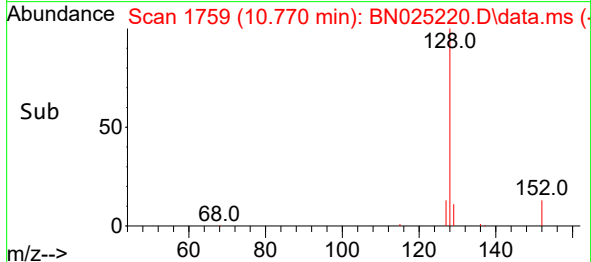
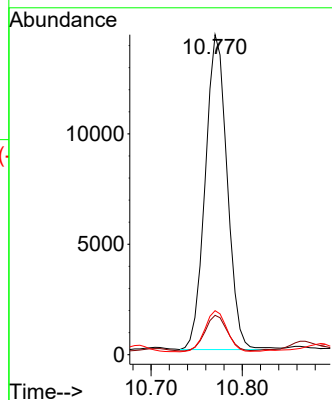
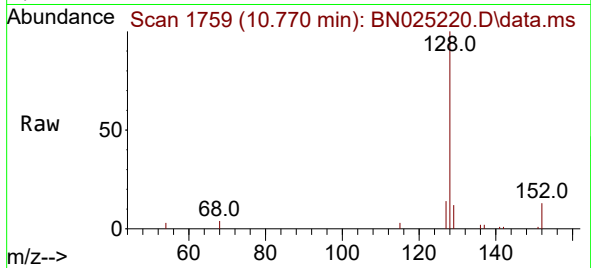




#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

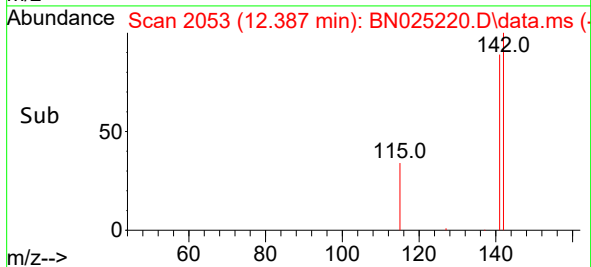
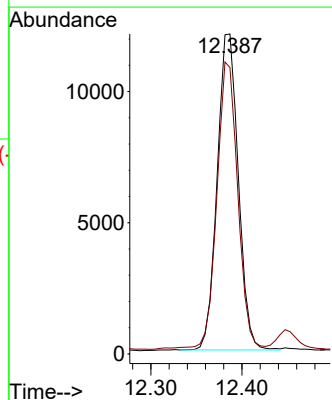
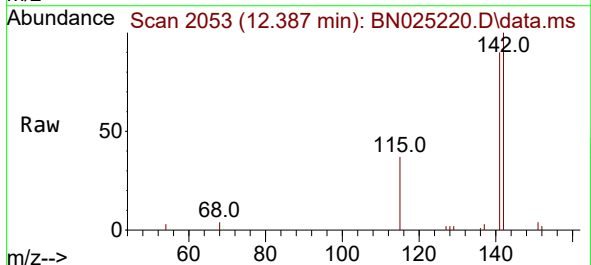
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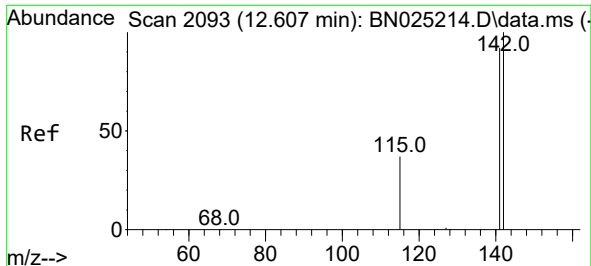
Tgt Ion:128 Resp: 23865
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 13.7 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

Tgt Ion:142 Resp: 19397
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.0

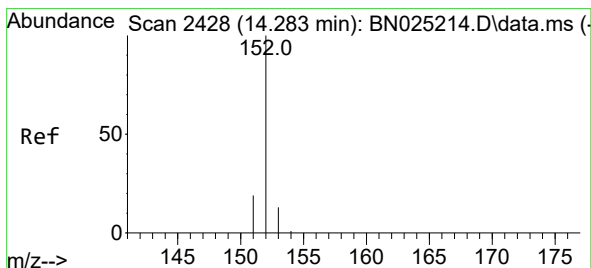
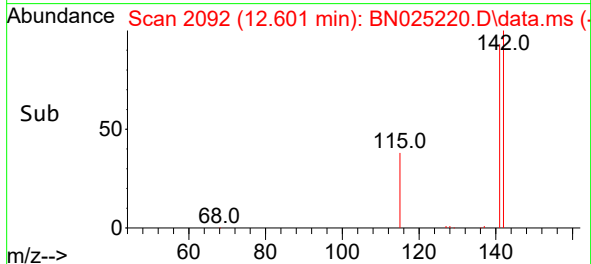
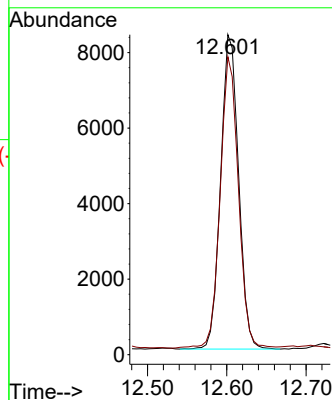
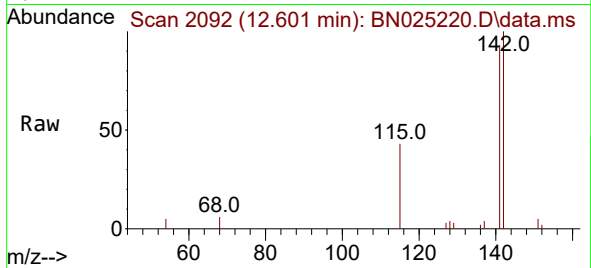




#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

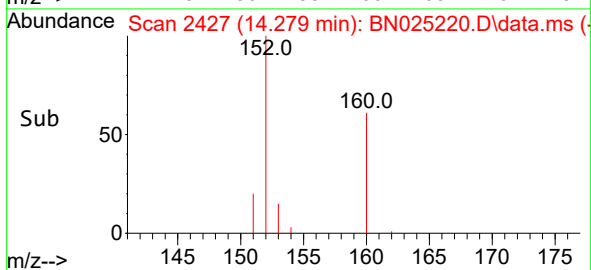
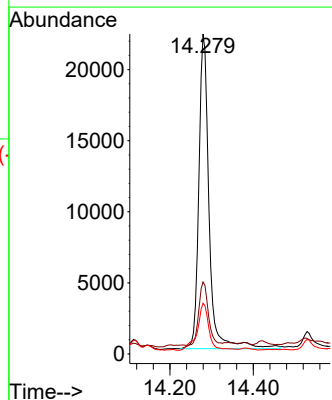
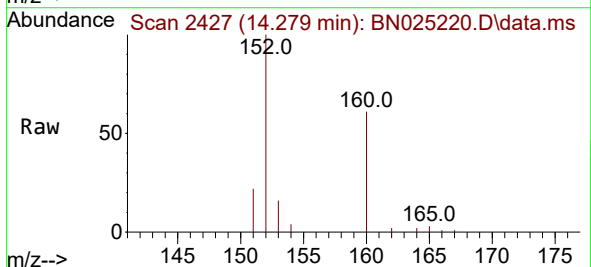
Instrument :
BNA_N
ClientSampleId :
EW929

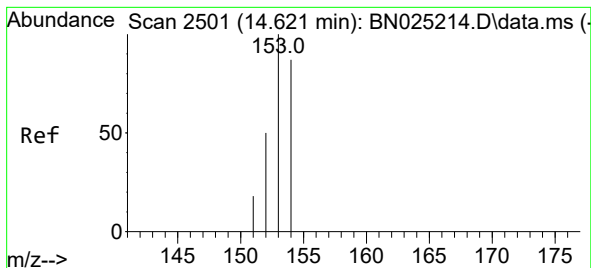
Tgt Ion:142 Resp: 13094
Ion Ratio Lower Upper
142 100
141 93.7 73.8 110.6



#10
Acenaphthylene
Concen: 0.574 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

Tgt Ion:152 Resp: 38049
Ion Ratio Lower Upper
152 100
151 22.5 16.0 24.0
153 15.8 10.8 16.2





#11

Acenaphthene

Concen: 0.233 ng/ul

RT: 14.622 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

Instrument :

BNA_N

ClientSampleId :

EW929

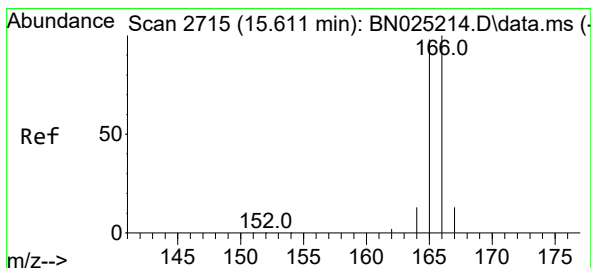
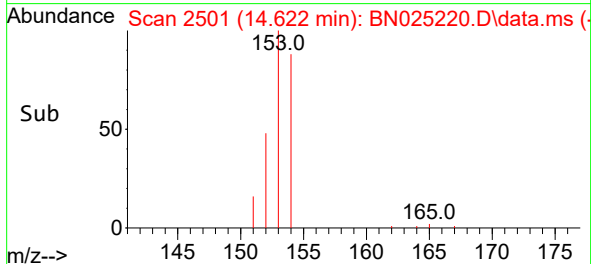
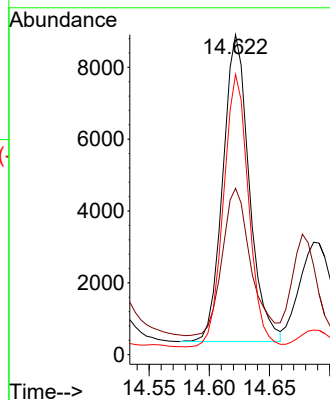
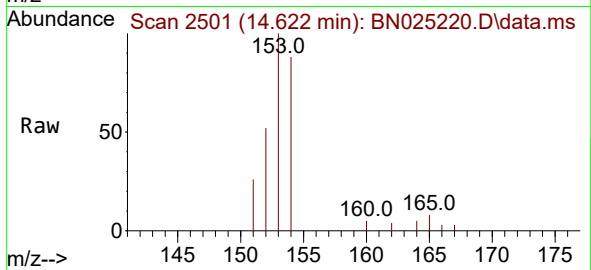
Tgt Ion:153 Resp: 13014

Ion Ratio Lower Upper

153 100

152 52.0 40.2 60.4

154 87.6 69.4 104.2



#12

Fluorene

Concen: 0.290 ng/ul

RT: 15.607 min Scan# 2714

Delta R.T. -0.004 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

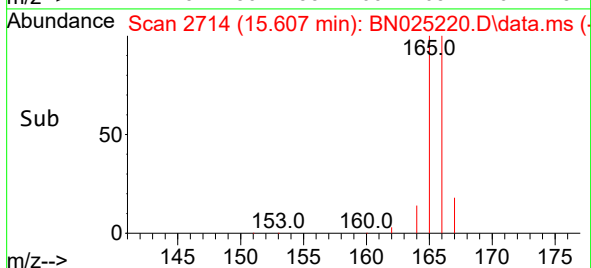
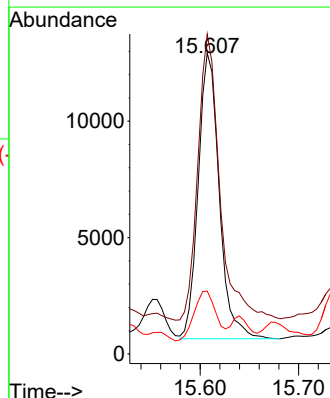
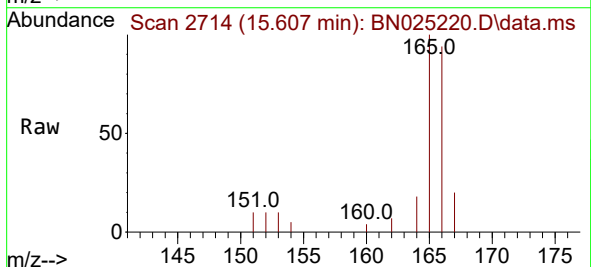
Tgt Ion:166 Resp: 18155

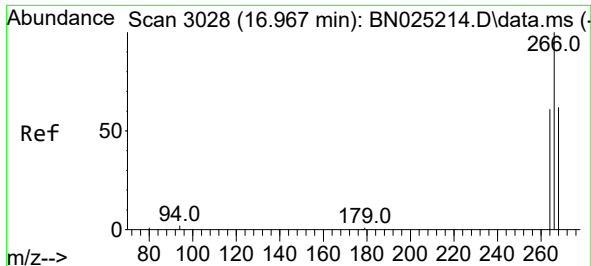
Ion Ratio Lower Upper

166 100

165 106.3 78.1 117.1

167 20.9 11.0 16.6#

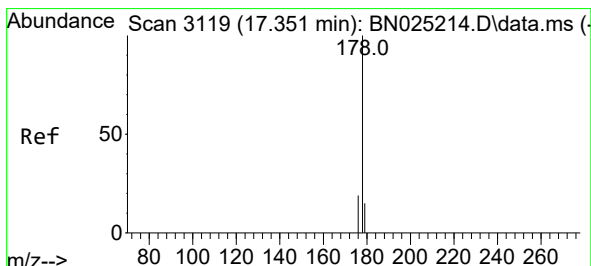
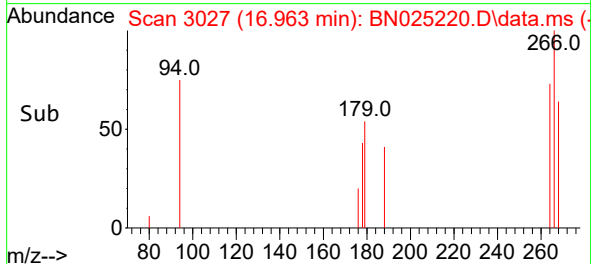
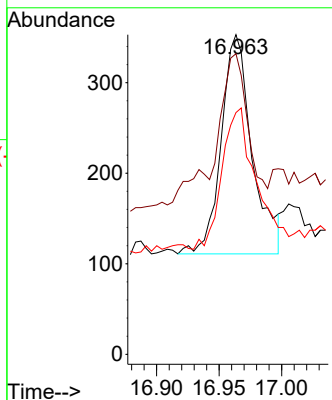
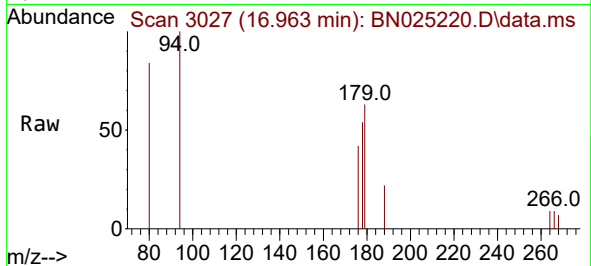




#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 16.963 min Scan# 3028
 Delta R.T. -0.003 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

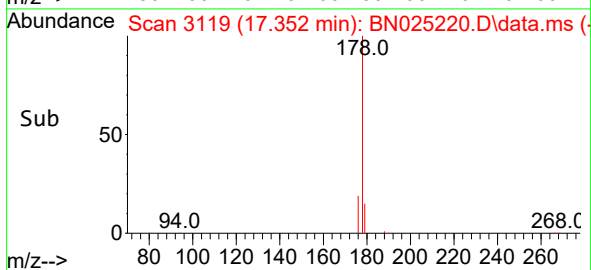
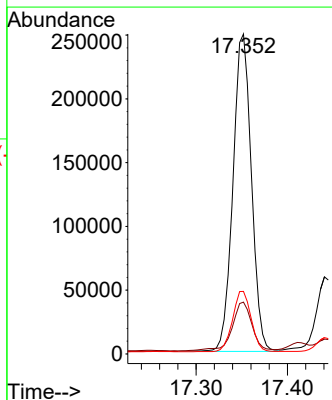
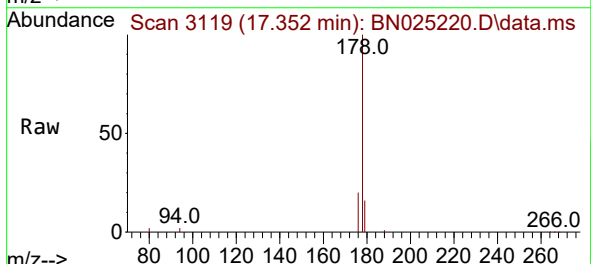
Instrument :
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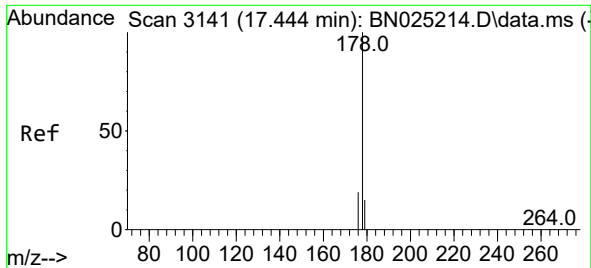
Tgt Ion:266 Resp: 416
 Ion Ratio Lower Upper
 266 100
 264 55.5 49.6 74.4
 268 74.3 51.3 76.9



#15
 Phenanthrene
 Concen: 2.155 ng/ul
 RT: 17.352 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

Tgt Ion:178 Resp: 349636
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 19.6 15.6 23.4

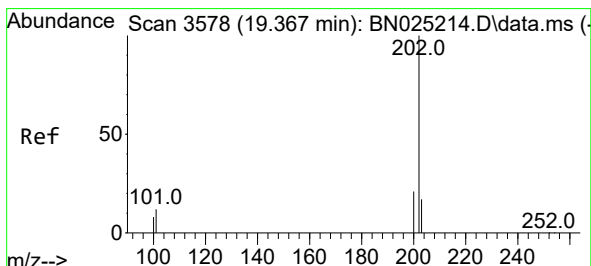
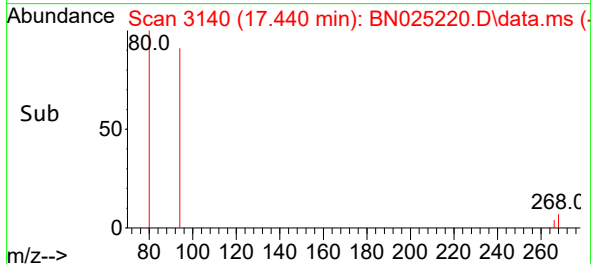
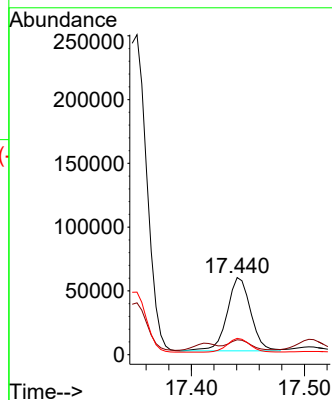
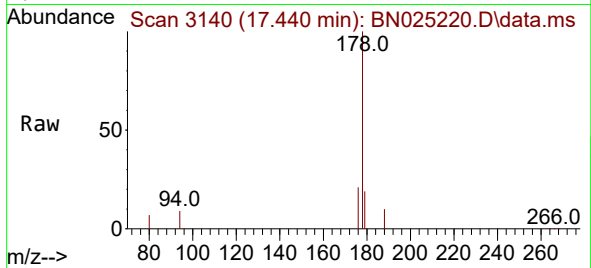




#16
 Anthracene
 Concen: 0.626 ng/ul
 RT: 17.440 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

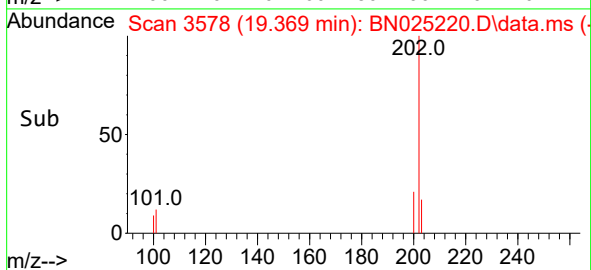
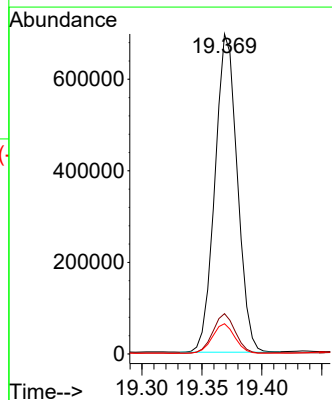
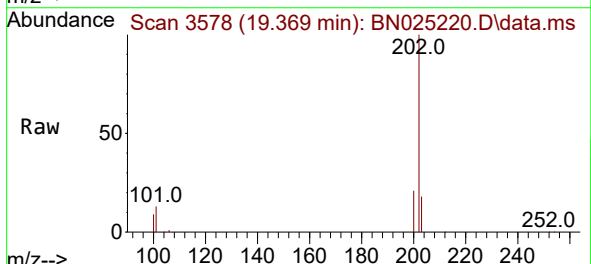
Instrument :
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 EW929

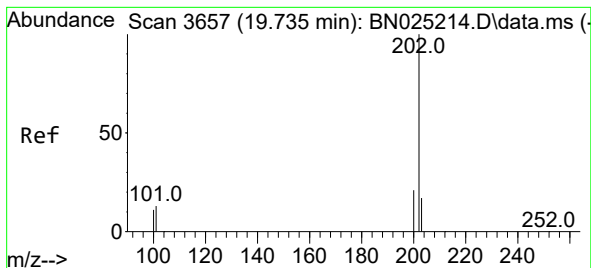
Tgt Ion:178 Resp: 83071
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.7 19.1#
 176 21.1 15.3 22.9



#19
 Fluoranthene
 Concen: 7.923 ng/ul
 RT: 19.369 min Scan# 3578
 Delta R.T. 0.001 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

Tgt Ion:202 Resp: 902981
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.7 14.5
 100 9.5 7.3 10.9





#20

Pyrene

Concen: 7.766 ng/ul

RT: 19.736 min Scan# 3657

Delta R.T. 0.001 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

Instrument :

BNA_N

ClientSampleId :

EW929

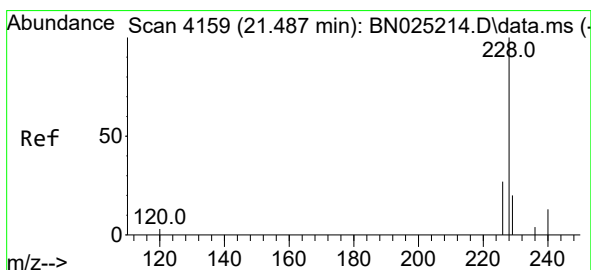
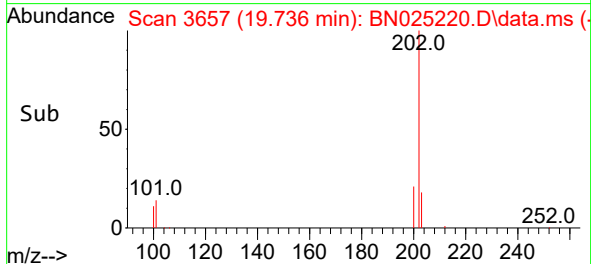
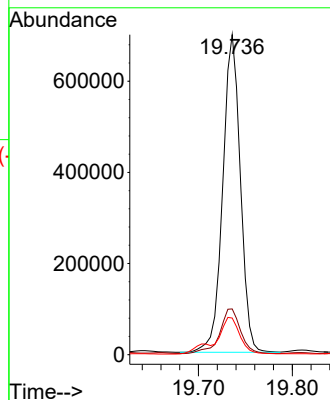
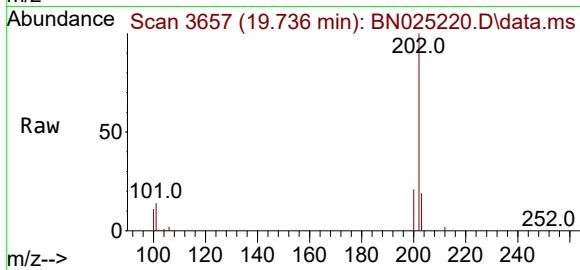
Tgt Ion:202 Resp: 909315

Ion Ratio Lower Upper

202 100

101 14.3 11.3 16.9

100 11.5 9.2 13.8



#21

Benzo(a)anthracene

Concen: 6.148 ng/ul

RT: 21.486 min Scan# 4158

Delta R.T. -0.002 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

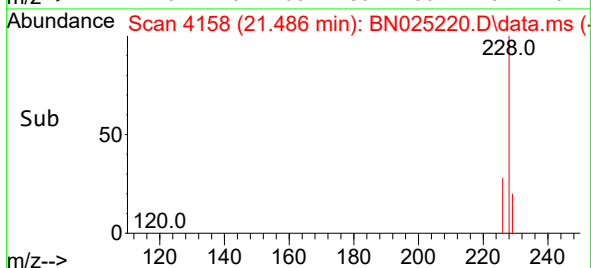
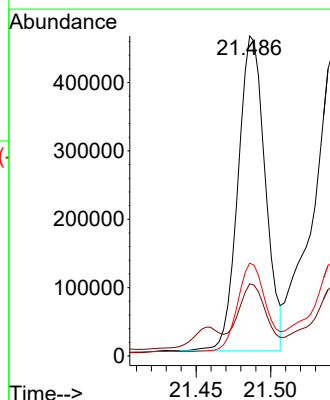
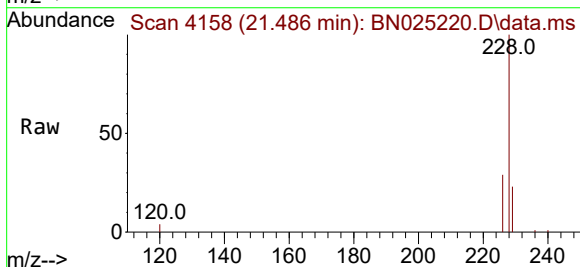
Tgt Ion:228 Resp: 583838

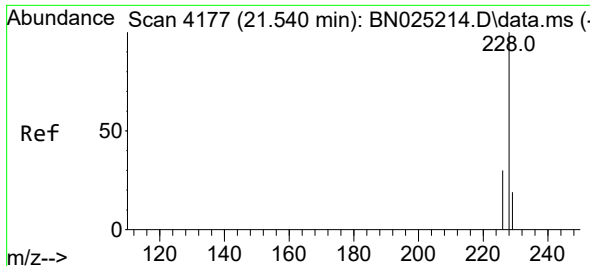
Ion Ratio Lower Upper

228 100

229 22.5 15.6 23.4

226 29.0 22.1 33.1





#22

Chrysene

Concen: 6.634 ng/ul

RT: 21.541 min Scan# 4177

Delta R.T. 0.001 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

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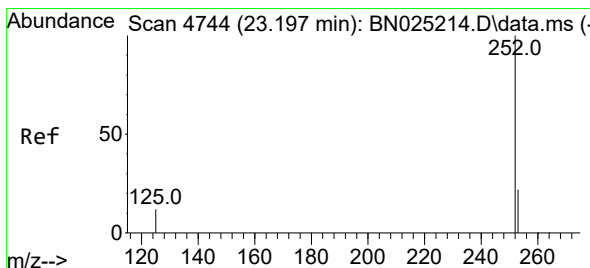
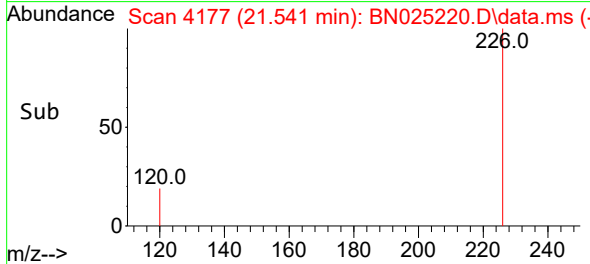
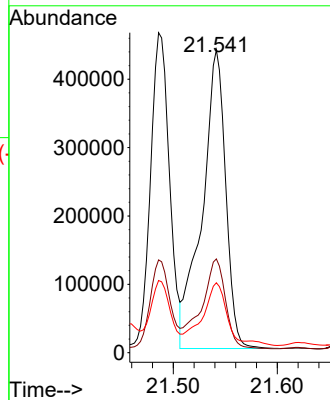
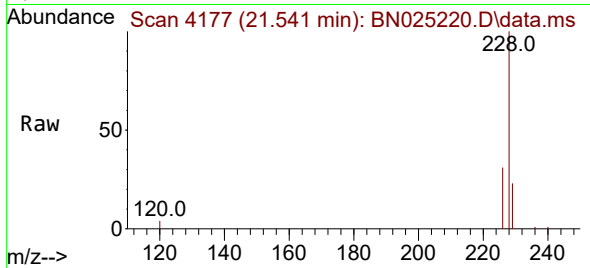
Tgt Ion:228 Resp: 687230

Ion Ratio Lower Upper

228 100

226 31.0 24.5 36.7

229 23.1 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 14.380 ng/ul

RT: 23.204 min Scan# 4746

Delta R.T. 0.007 min

Lab File: BN025220.D

Acq: 02 May 2023 15:00

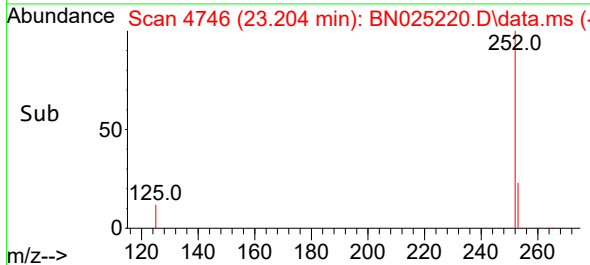
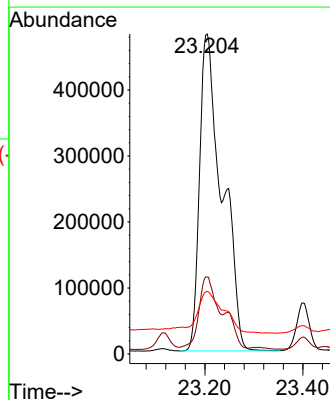
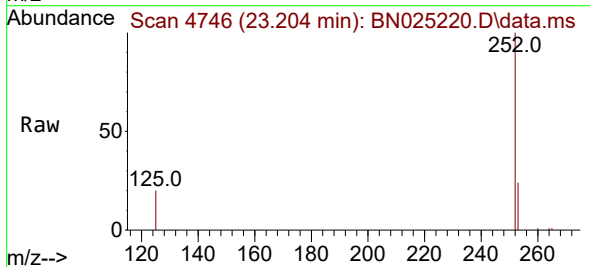
Tgt Ion:252 Resp: 1532353

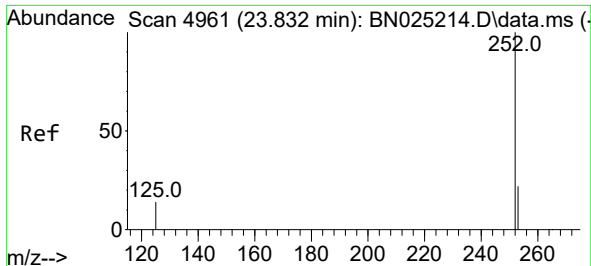
Ion Ratio Lower Upper

252 100

253 24.1 0.0 50.2

125 19.6 0.0 30.4

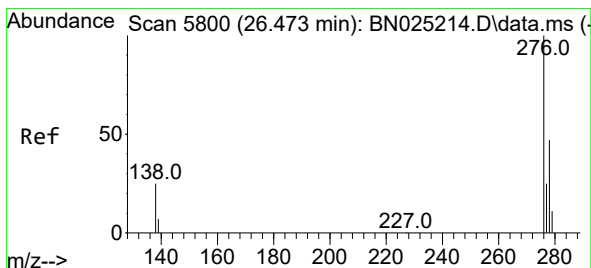
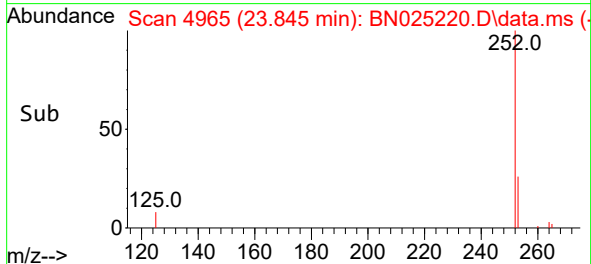
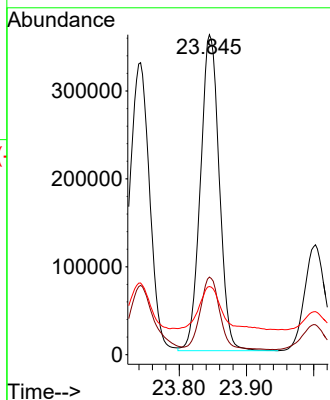
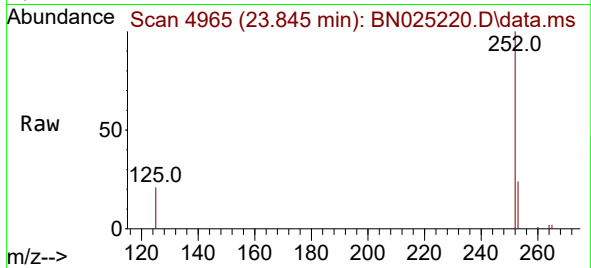




#26
Benzo(a)pyrene
Concen: 7.916 ng/ul
RT: 23.845 min Scan# 4961
Delta R.T. 0.013 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

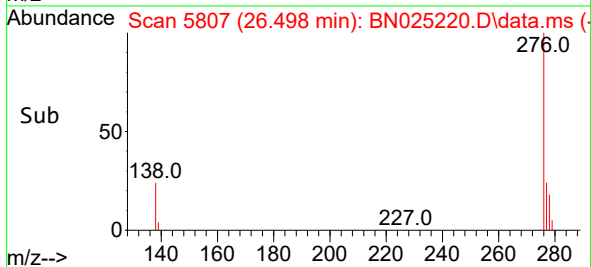
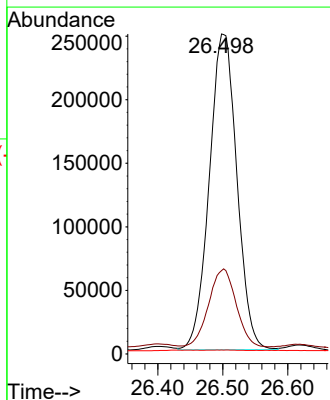
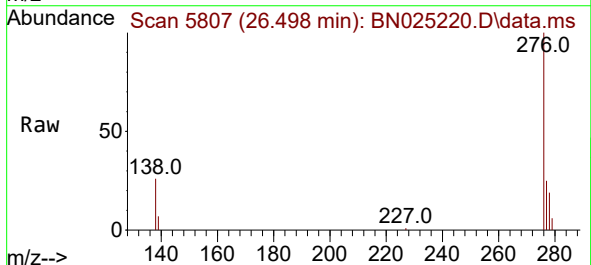
Instrument :
BNA_N
ClientSampleId :
EW929

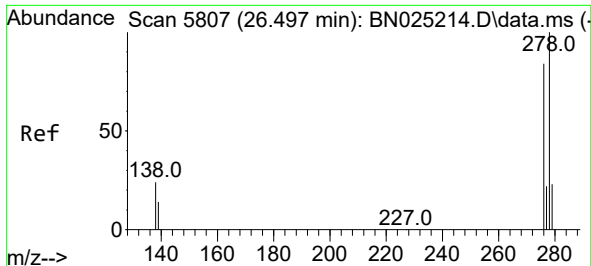
Tgt Ion:252 Resp: 697910
Ion Ratio Lower Upper
252 100
253 24.3 21.4 32.2
125 21.3 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.219 ng/ul
RT: 26.498 min Scan# 5807
Delta R.T. 0.025 min
Lab File: BN025220.D
Acq: 02 May 2023 15:00

Tgt Ion:276 Resp: 733386
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.0 0.1 0.1#

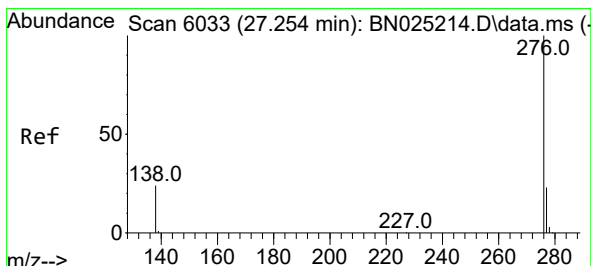
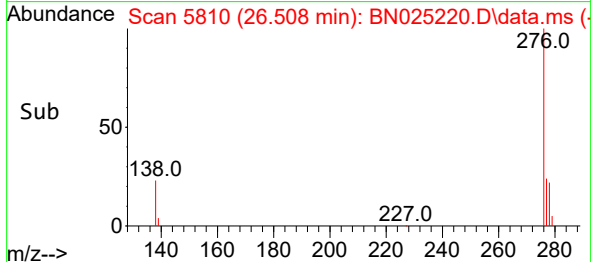
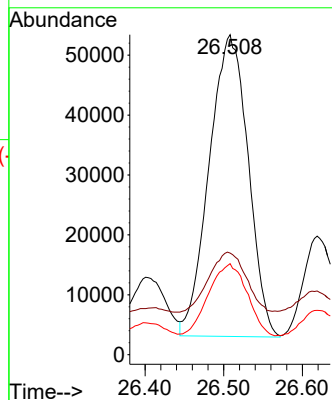
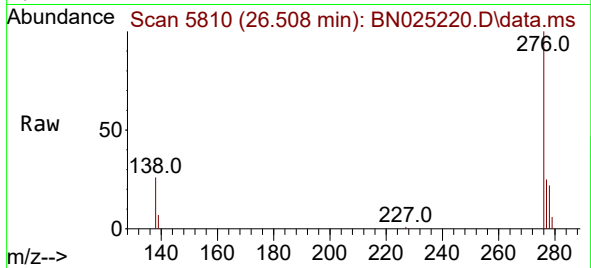




#28
 Dibenzo(a,h)anthracene
 Concen: 2.183 ng/ul
 RT: 26.508 min Scan# 5810
 Delta R.T. 0.011 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

Instrument :
 BNA_N
 ClientSampleId :
 EW929

Tgt Ion:278 Resp: 173231
 Ion Ratio Lower Upper
 278 100
 139 31.8 17.0 25.6#
 279 28.4 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 10.334 ng/ul
 RT: 27.289 min Scan# 6043
 Delta R.T. 0.035 min
 Lab File: BN025220.D
 Acq: 02 May 2023 15:00

Tgt Ion:276 Resp: 892636
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.3 30.5
 277 24.3 19.8 29.6

