

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025257.D
 Acq On : 04 May 2023 01:41
 Operator : CG/JU
 Sample : 02447-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW936DL

Quant Time: May 04 04:32:42 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

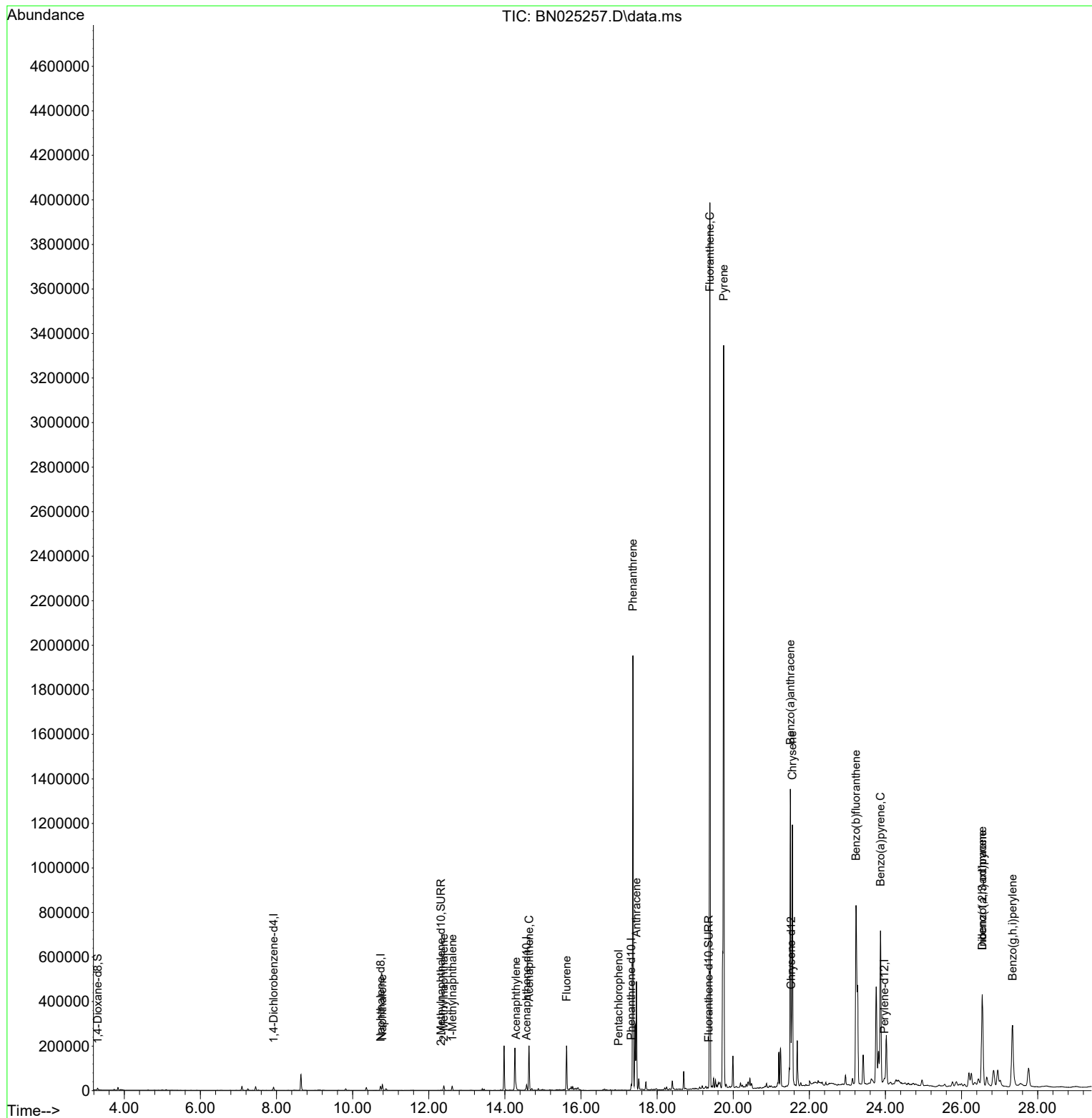
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	7086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23328	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	13434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	28669	0.400	ng/ul	0.01
17) Chrysene-d12	21.520	240	17897	0.400	ng/ul	# 0.02
23) Perylene-d12	23.975	264	23338	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5038	0.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1660	0.055	ng/ul	0.01
18) Fluoranthene-d10	19.353	212	3519	0.075	ng/ul	0.01
Target Compounds						Qvalue
5) Naphthalene	10.781	128	35386	0.592	ng/ul	100
7) 2-Methylnaphthalene	12.398	142	14252	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	13309	0.341	ng/ul	99
10) Acenaphthylene	14.292	152	43932	0.878	ng/ul	98
11) Acenaphthene	14.635	153	114079	2.704	ng/ul	98
12) Fluorene	15.620	166	121573	2.578	ng/ul	99
14) Pentachlorophenol	16.988	266	151	0.027	ng/ul#	77
15) Phenanthrene	17.364	178	2041244	25.225	ng/ul	100
16) Anthracene	17.456	178	494270	7.466	ng/ul	99
19) Fluoranthene	19.386	202	3312684	51.186	ng/ul	97
20) Pyrene	19.749	202	2768376	41.633	ng/ul	97
21) Benzo(a)anthracene	21.502	228	1154822	21.413	ng/ul	98
22) Chrysene	21.555	228	1098694	18.675	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252	1831477	19.343	ng/ul	96
26) Benzo(a)pyrene	23.870	252	968053	12.357	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	664284	7.359	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.544	278	154857	2.196	ng/ul#	91
29) Benzo(g,h,i)perylene	27.338	276	600526	7.824	ng/ul	99

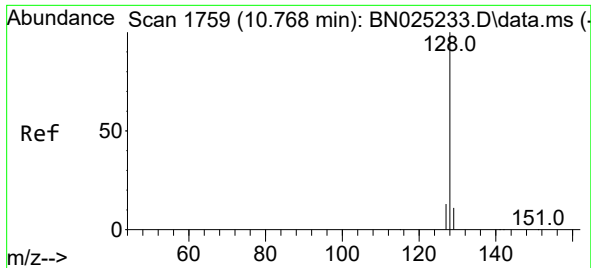
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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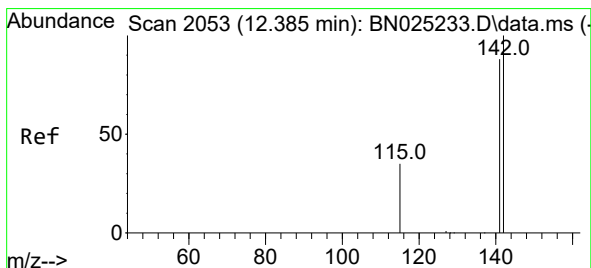
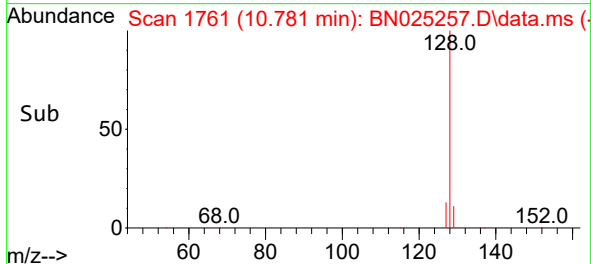
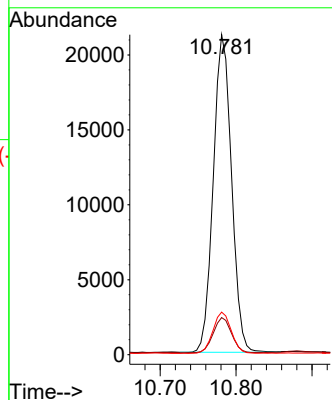
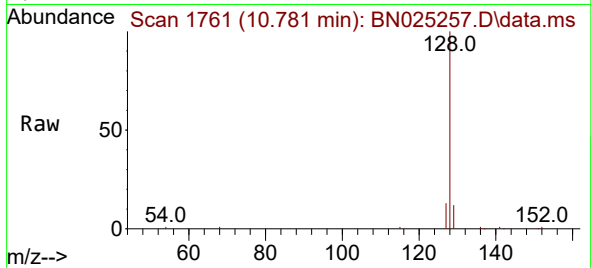




#5
Naphthalene
Concen: 0.592 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

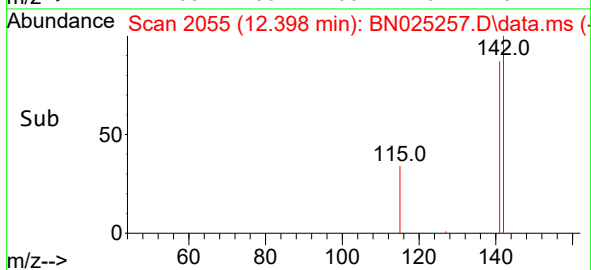
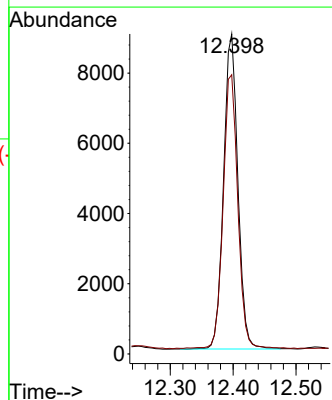
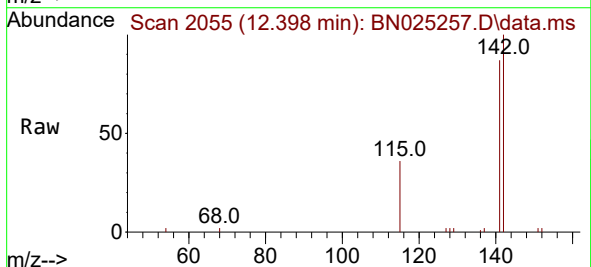
Instrument :
BNA_N
ClientSampleId :
EW936DL

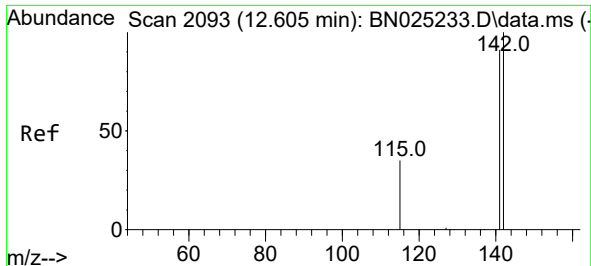
Tgt Ion:128 Resp: 35386
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

Tgt Ion:142 Resp: 14252
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0

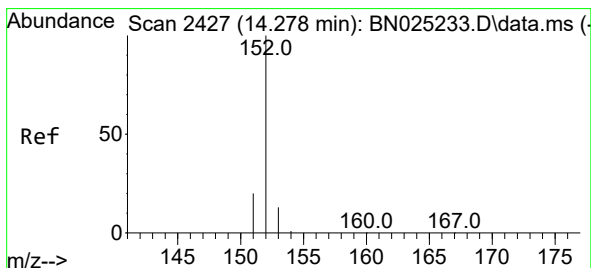
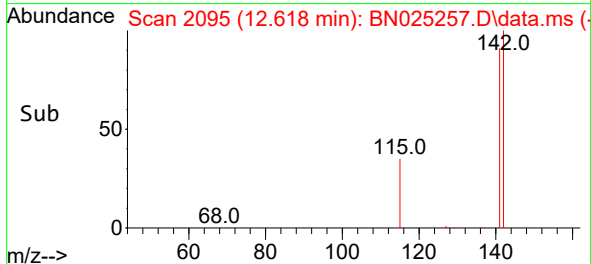
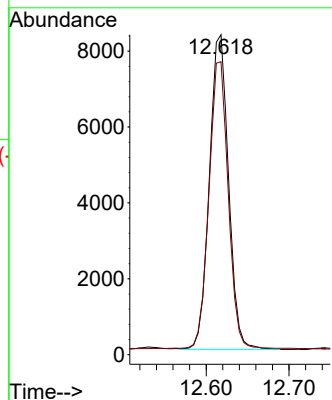
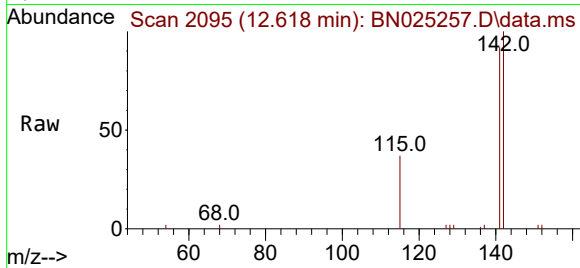




#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. 0.013 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

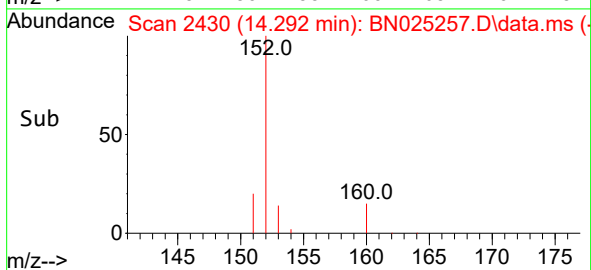
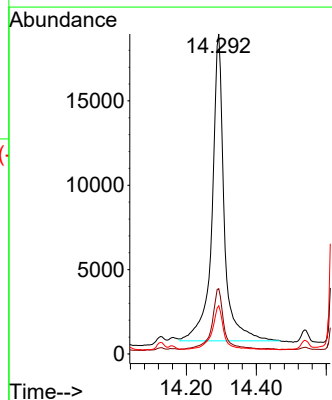
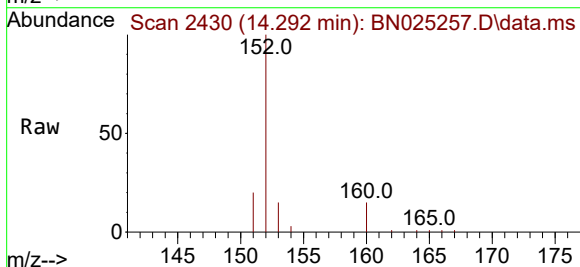
Instrument :
BNA_N
ClientSampleId :
EW936DL

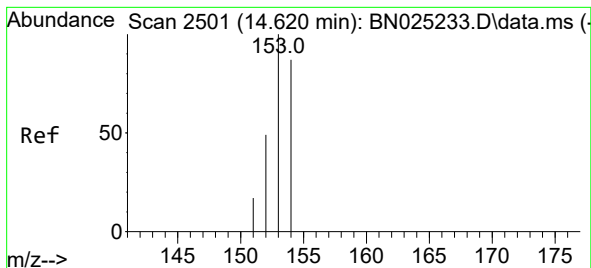
Tgt Ion:142 Resp: 13309
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6



#10
Acenaphthylene
Concen: 0.878 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

Tgt Ion:152 Resp: 43932
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 15.1 10.8 16.2





#11

Acenaphthene

Concen: 2.704 ng/ul

RT: 14.635 min Scan# 2504

Delta R.T. 0.015 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

Instrument :

BNA_N

ClientSampleId :

EW936DL

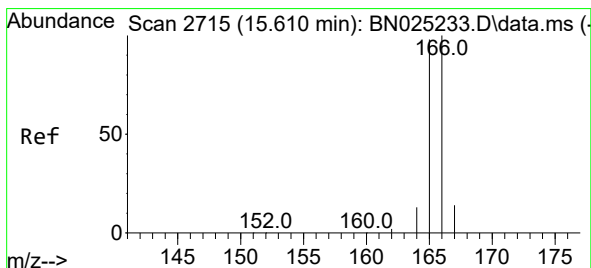
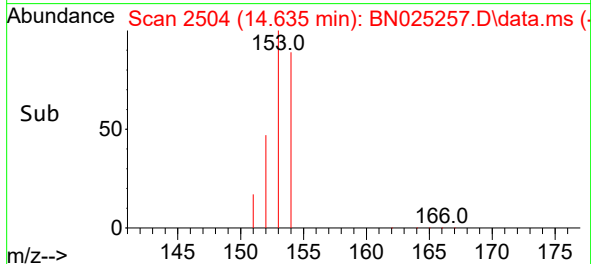
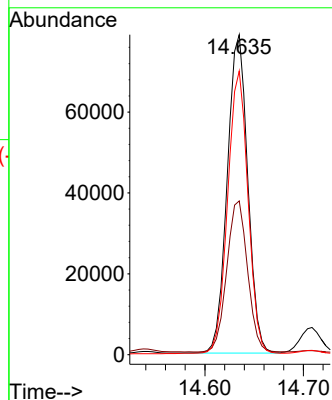
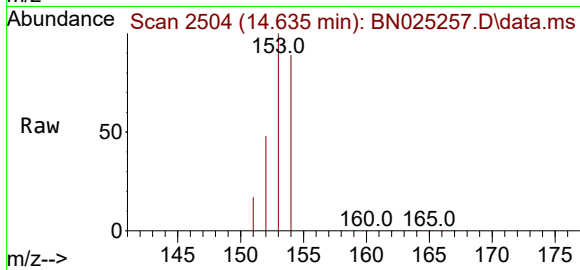
Tgt Ion:153 Resp: 114079

Ion Ratio Lower Upper

153 100

152 48.1 40.2 60.4

154 88.6 69.4 104.2



#12

Fluorene

Concen: 2.578 ng/ul

RT: 15.620 min Scan# 2717

Delta R.T. 0.010 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

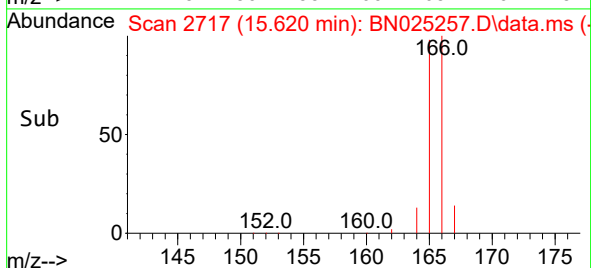
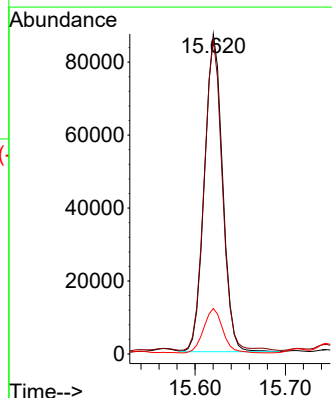
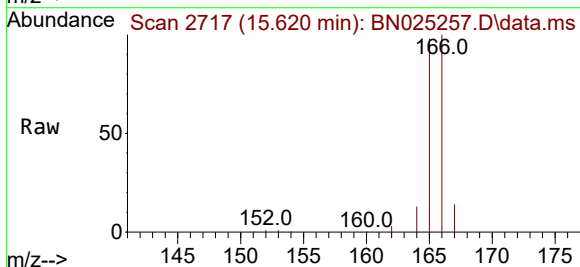
Tgt Ion:166 Resp: 121573

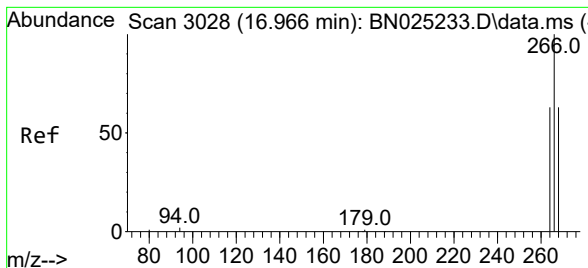
Ion Ratio Lower Upper

166 100

165 98.3 78.1 117.1

167 14.2 11.0 16.6





#14

Pentachlorophenol

Concen: 0.027 ng/ul

RT: 16.988 min Scan# 3028

Delta R.T. 0.022 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

Instrument :

BNA_N

ClientSampleId :

EW936DL

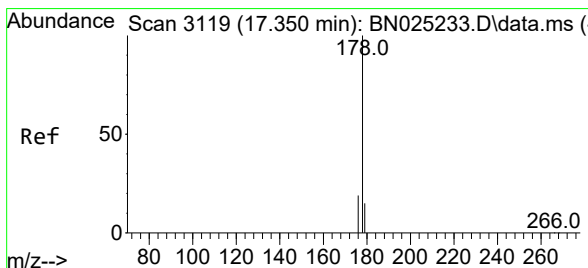
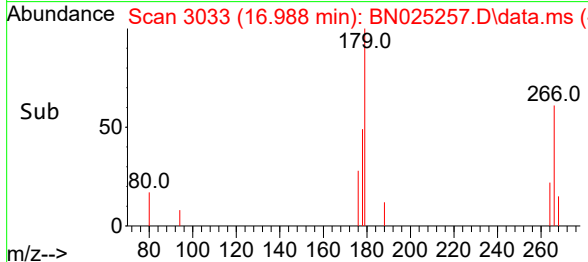
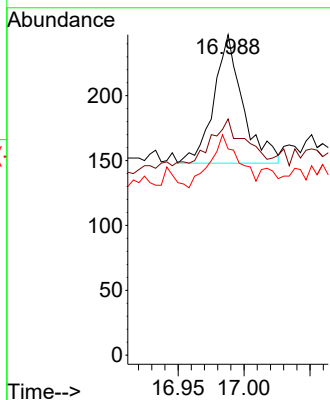
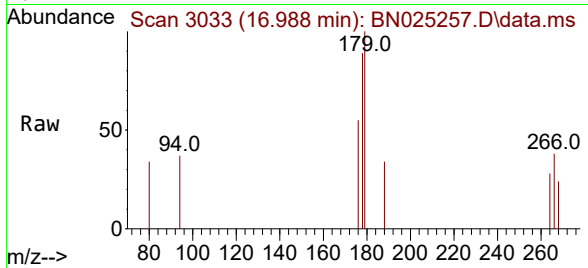
Tgt Ion:266 Resp: 151

Ion Ratio Lower Upper

266 100

264 50.3 49.6 74.4

268 40.4 51.3 76.9#



#15

Phenanthrene

Concen: 25.225 ng/ul

RT: 17.364 min Scan# 3122

Delta R.T. 0.013 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

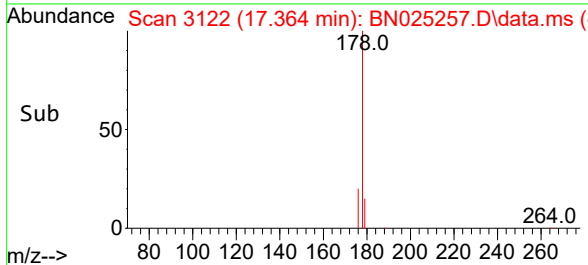
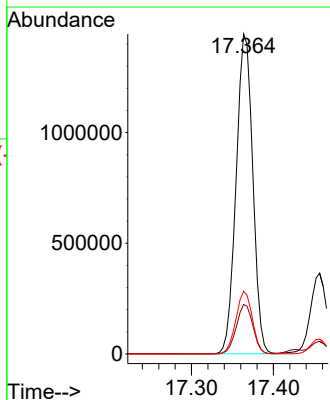
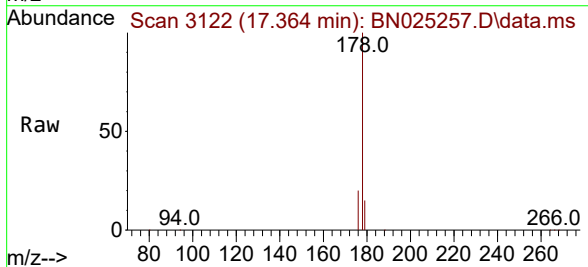
Tgt Ion:178 Resp: 2041244

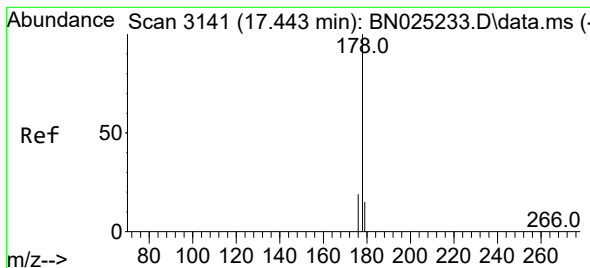
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.6 15.6 23.4





#16

Anthracene

Concen: 7.466 ng/ul

RT: 17.456 min Scan# 3141

Delta R.T. 0.013 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

Instrument :

BNA_N

ClientSampleId :

EW936DL

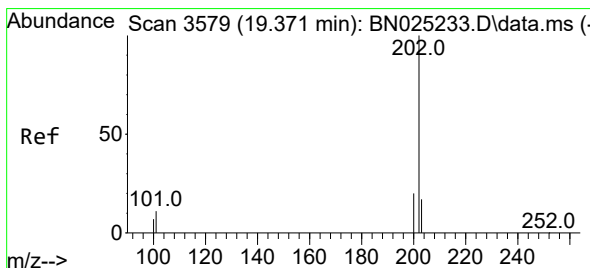
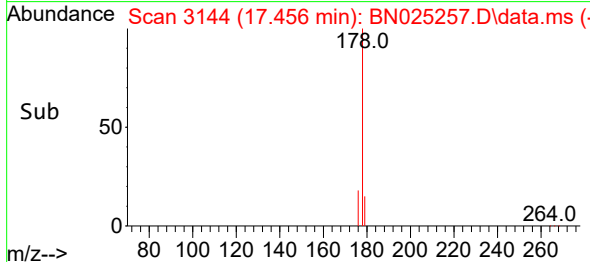
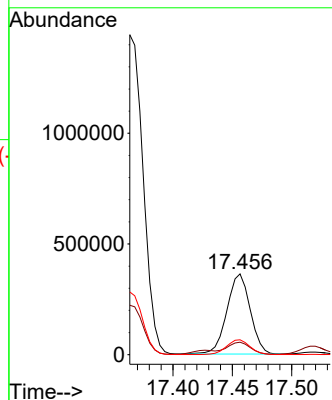
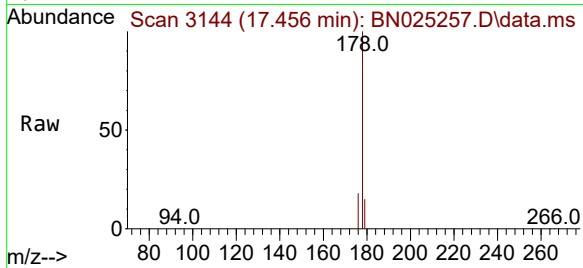
Tgt Ion:178 Resp: 494270

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 18.5 15.3 22.9



#19

Fluoranthene

Concen: 51.186 ng/ul

RT: 19.386 min Scan# 3582

Delta R.T. 0.015 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

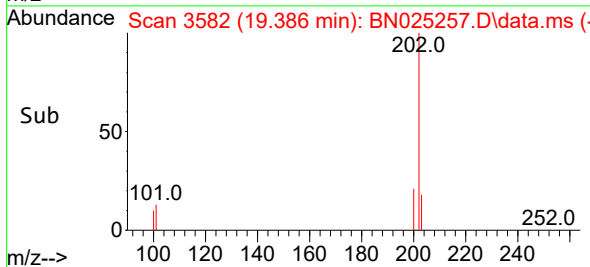
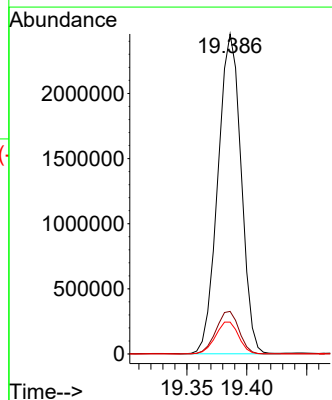
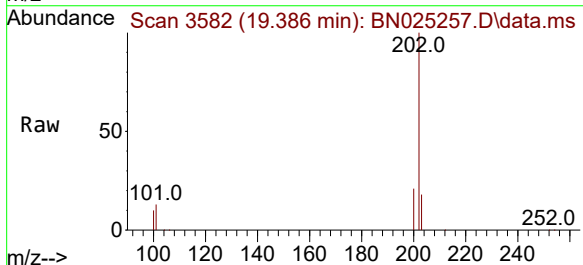
Tgt Ion:202 Resp: 3312684

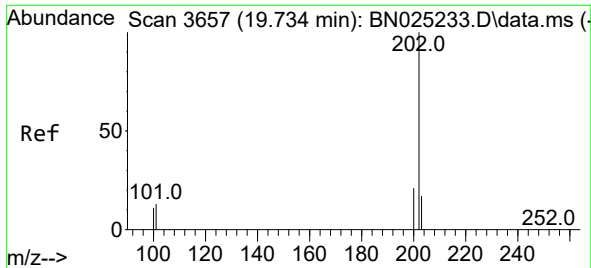
Ion Ratio Lower Upper

202 100

101 13.3 9.7 14.5

100 9.9 7.3 10.9

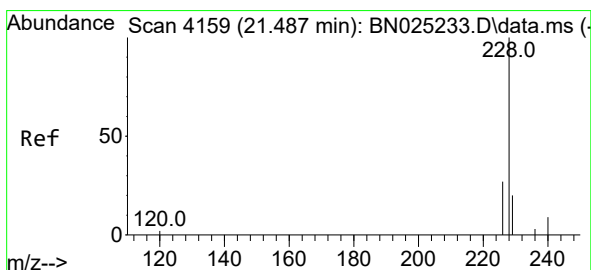
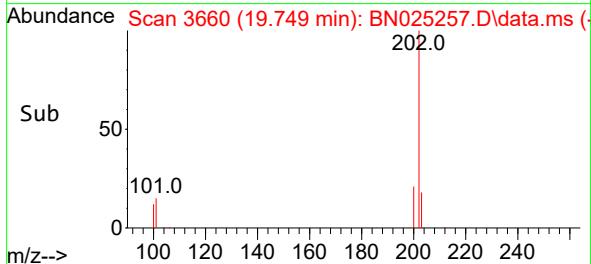
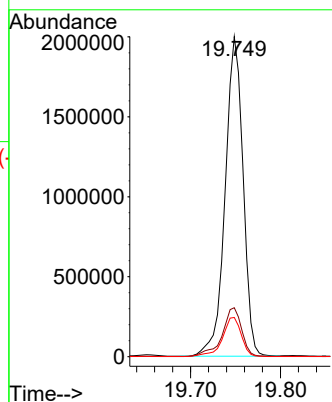
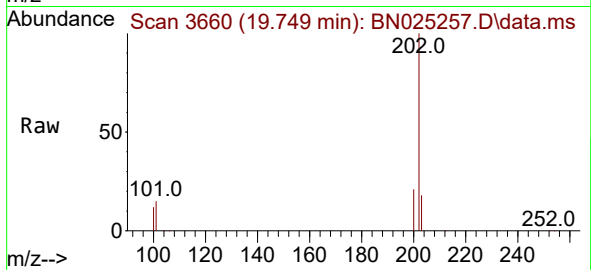




#20
Pyrene
Concen: 41.633 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

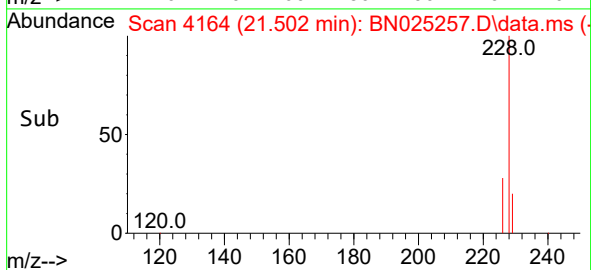
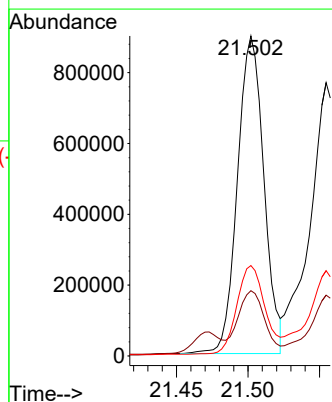
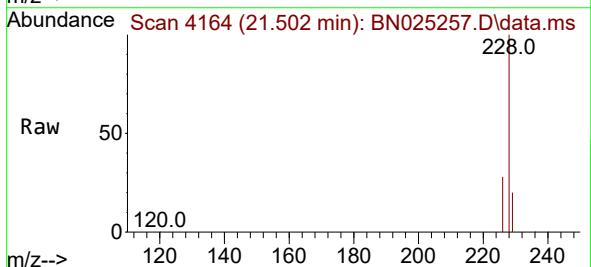
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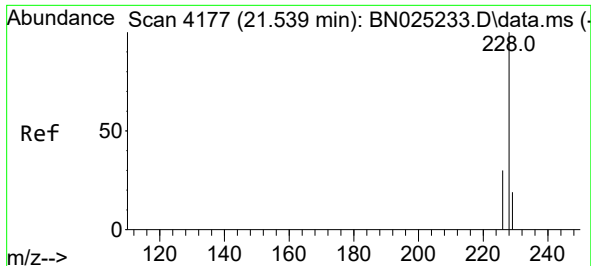
Tgt Ion:202 Resp: 2768376
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.3 9.2 13.8



#21
Benzo(a)anthracene
Concen: 21.413 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. 0.015 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

Tgt Ion:228 Resp: 1154822
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.3 22.1 33.1





#22

Chrysene

Concen: 18.675 ng/ul

RT: 21.555 min Scan# 4182

Delta R.T. 0.015 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

Instrument :

BNA_N

ClientSampleId :

EW936DL

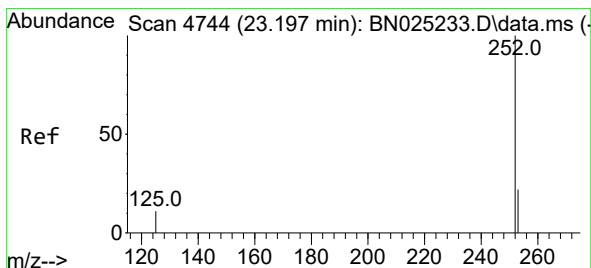
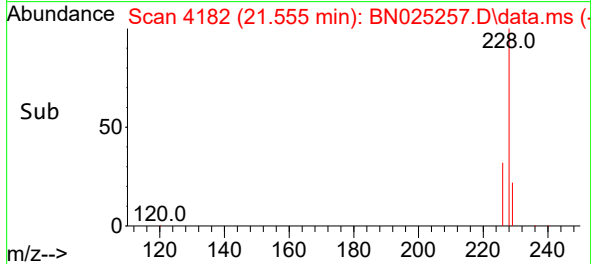
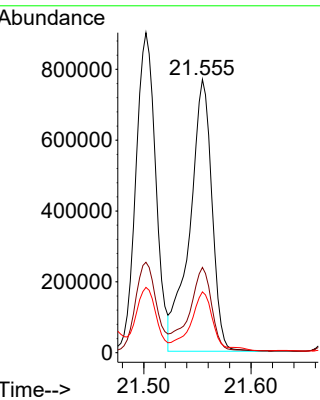
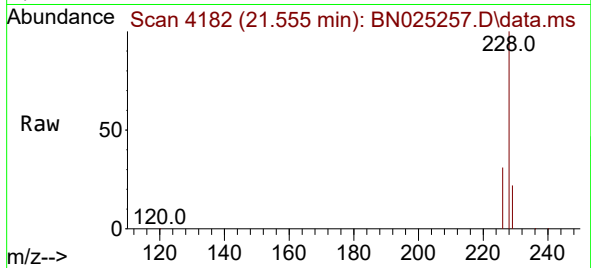
Tgt Ion:228 Resp: 1098694

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 22.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 19.343 ng/ul

RT: 23.226 min Scan# 4754

Delta R.T. 0.030 min

Lab File: BN025257.D

Acq: 04 May 2023 01:41

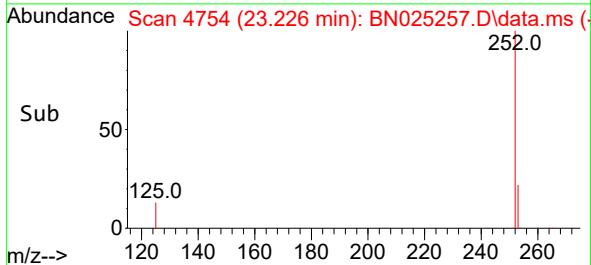
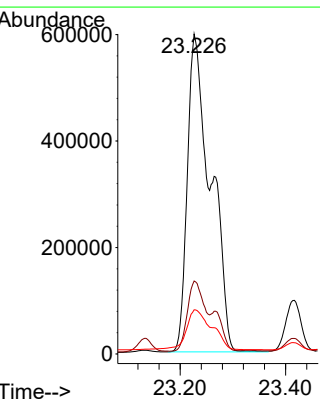
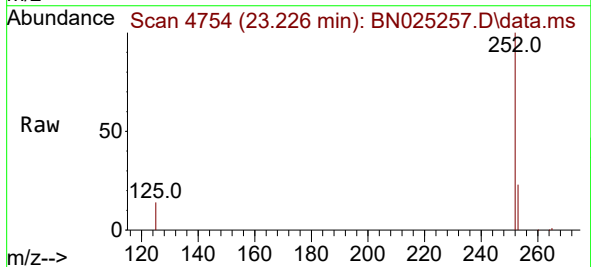
Tgt Ion:252 Resp: 1831477

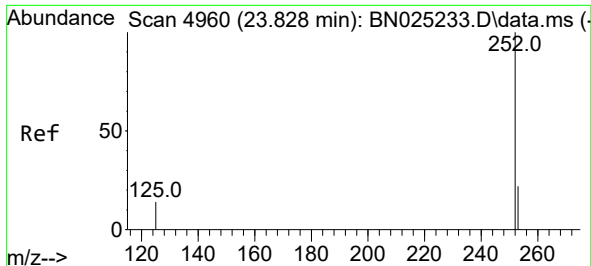
Ion Ratio Lower Upper

252 100

253 22.8 0.0 50.2

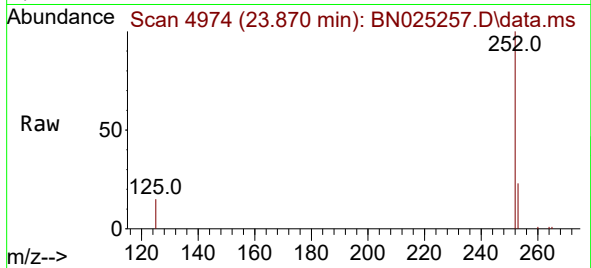
125 13.8 0.0 30.4



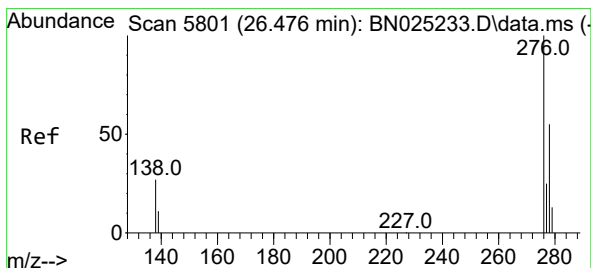
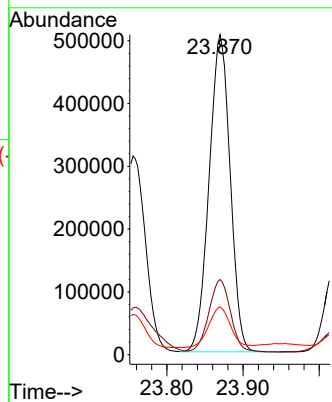
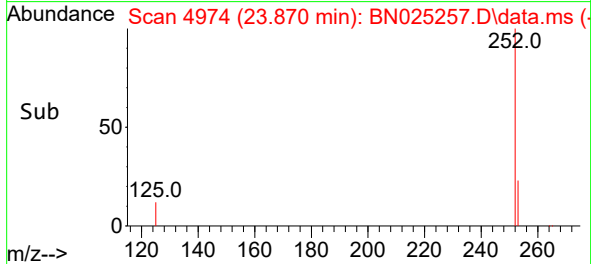


#26
Benzo(a)pyrene
Concen: 12.357 ng/ul
RT: 23.870 min Scan# 4974
Delta R.T. 0.042 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

Instrument :
BNA_N
ClientSampleId :
EW936DL

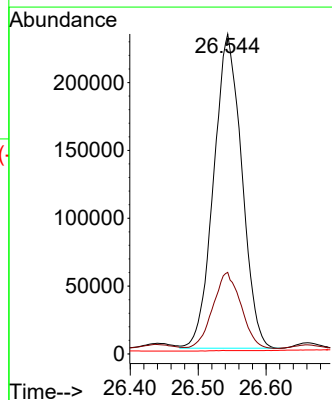
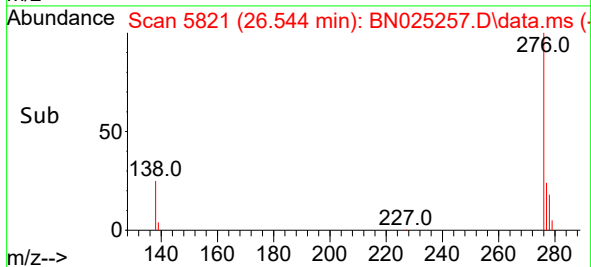
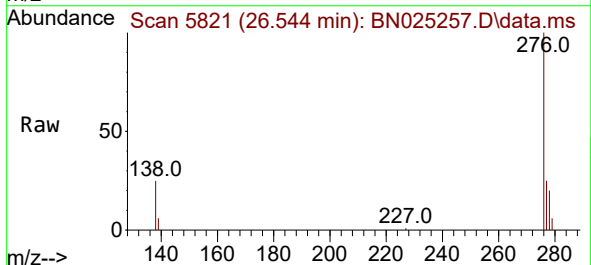


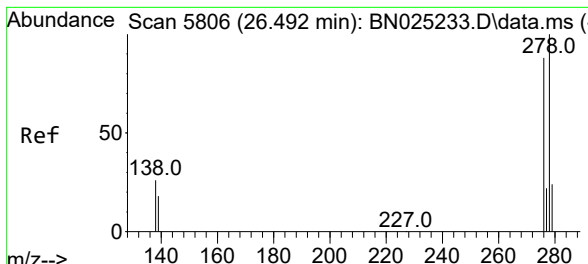
Tgt Ion:252 Resp: 968053
Ion Ratio Lower Upper
252 100
253 23.5 21.4 32.2
125 14.9 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.359 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. 0.068 min
Lab File: BN025257.D
Acq: 04 May 2023 01:41

Tgt Ion:276 Resp: 664284
Ion Ratio Lower Upper
276 100
138 24.1 21.9 32.9
227 0.3 0.1 0.1#



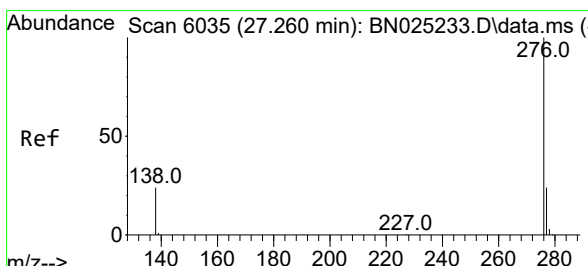
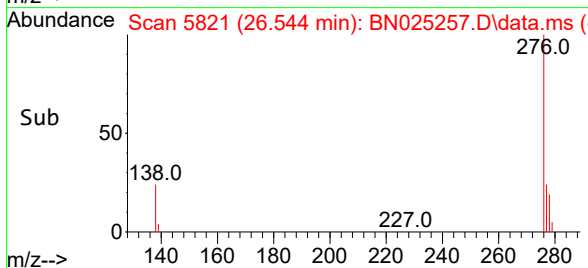
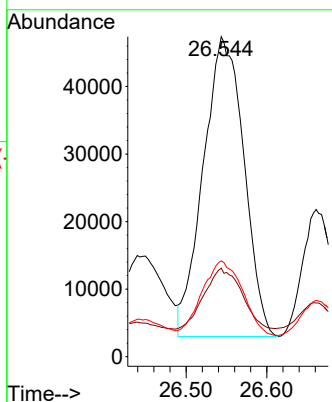
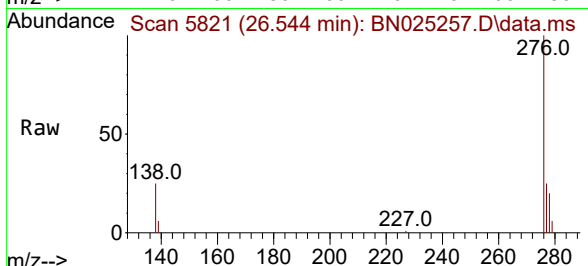


#28
 Dibenzo(a,h)anthracene
 Concen: 2.196 ng/ul
 RT: 26.544 min Scan# 5821
 Delta R.T. 0.051 min
 Lab File: BN025257.D
 Acq: 04 May 2023 01:41

Instrument :
 BNA_N
 ClientSampleId :
 EW936DL

Tgt Ion:278 Resp: 154857

Ion	Ratio	Lower	Upper
278	100		
139	27.6	17.0	25.6#
279	30.0	21.8	32.8



#29
 Benzo(g,h,i)perylene
 Concen: 7.824 ng/ul
 RT: 27.338 min Scan# 6058
 Delta R.T. 0.078 min
 Lab File: BN025257.D
 Acq: 04 May 2023 01:41

Tgt Ion:276 Resp: 600526

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.3	30.5
277	24.6	19.8	29.6

