

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025253.D
 Acq On : 03 May 2023 23:18
 Operator : CG/JU
 Sample : 02447-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW905

Quant Time: May 04 04:31:57 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)

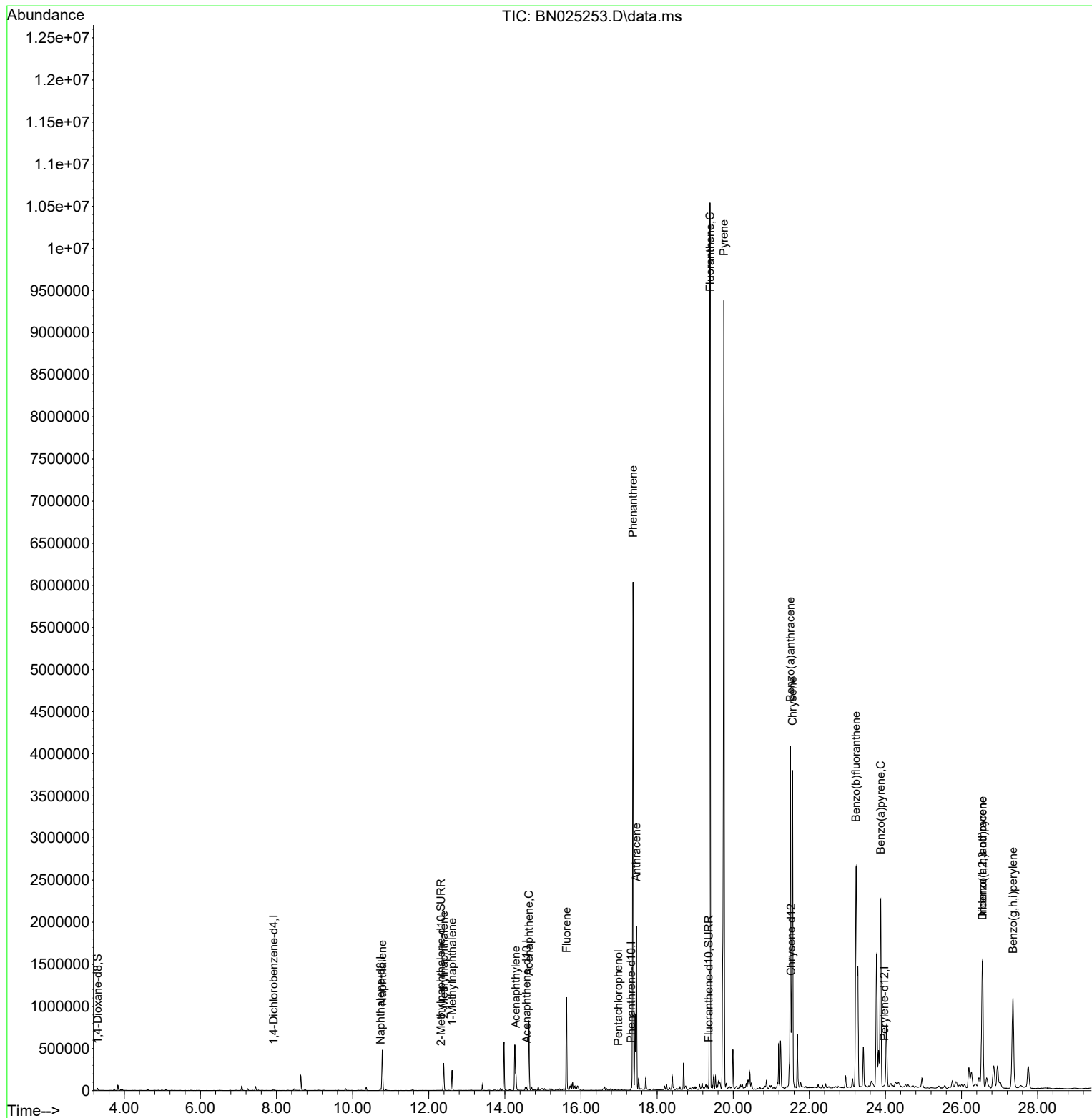
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	8571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	27390	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	17556	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.321	188	34247	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.520	240	20130	0.400	ng/ul	# 0.02
23) Perylene-d12	23.972	264	25332	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	14339	1.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	4797	0.136	ng/ul	0.01
18) Fluoranthene-d10	19.354	212	10109	0.190	ng/ul	0.01
Target Compounds						Qvalue
5) Naphthalene	10.781	128	641684	9.143	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	217638	5.063	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	160936	3.512	ng/ul	99
10) Acenaphthylene	14.288	152	254808	3.896	ng/ul	99
11) Acenaphthene	14.630	153	462578	8.391	ng/ul	98
12) Fluorene	15.620	166	693579	11.254	ng/ul	99
14) Pentachlorophenol	16.979	266	198	0.029	ng/ul#	80
15) Phenanthrene	17.368	178	6706454	69.377	ng/ul	99
16) Anthracene	17.457	178	1978119	25.014	ng/ul	99
19) Fluoranthene	19.391	202	9556553	131.282	ng/ul#	93
20) Pyrene	19.753	202	8404920	112.378	ng/ul#	92
21) Benzo(a)anthracene	21.502	228	3740369	61.662	ng/ul	97
22) Chrysene	21.558	228	3886368	58.732	ng/ul	97
24) Benzo(b)fluoranthene	23.230	252	6453364	62.791	ng/ul	96
26) Benzo(a)pyrene	23.876	252	3192254	37.541	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.550	276	2329776	23.779	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.554	278	596432	7.793	ng/ul	98
29) Benzo(g,h,i)perylene	27.352	276	2150786	25.817	ng/ul	100

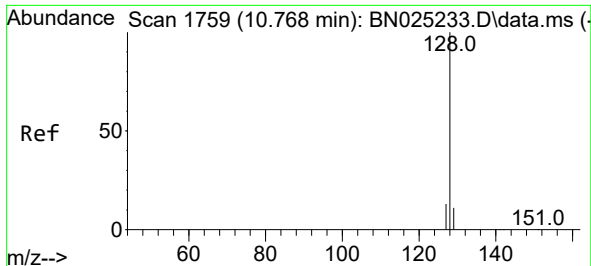
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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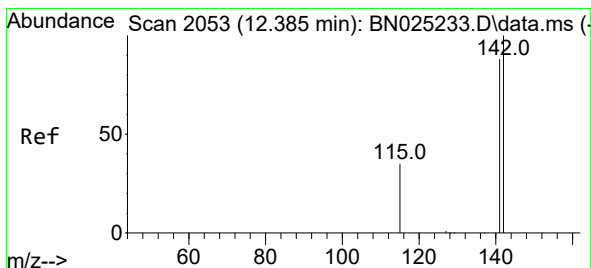
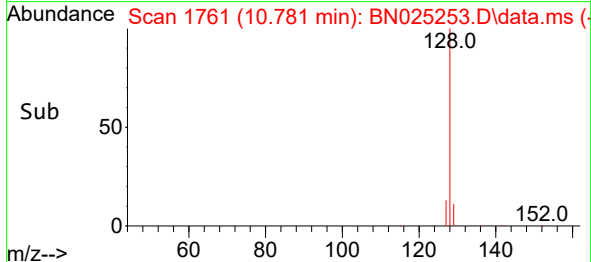
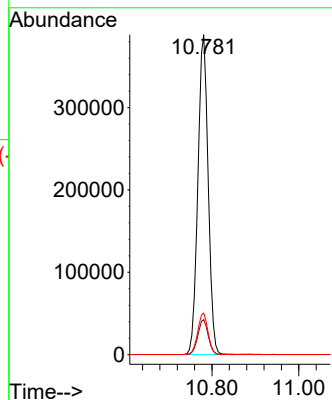
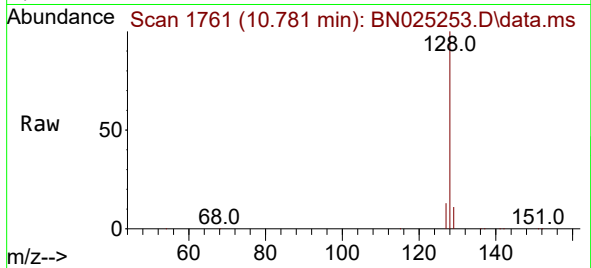




#5
Naphthalene
Concen: 9.143 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

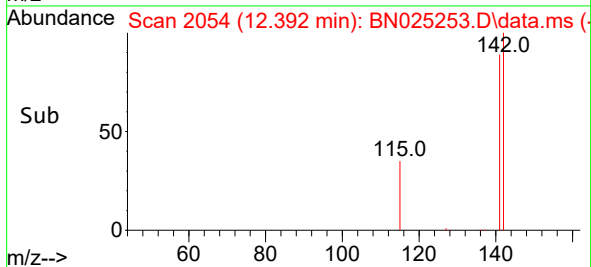
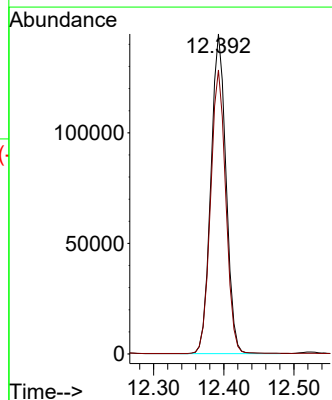
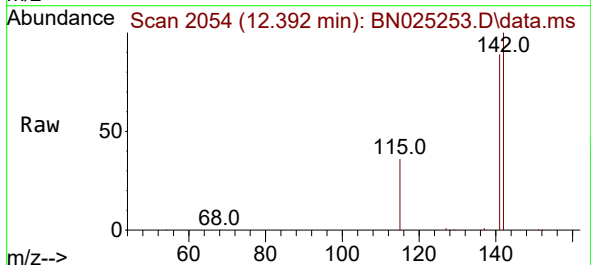
Instrument :
BNA_N
ClientSampleId :
EW905

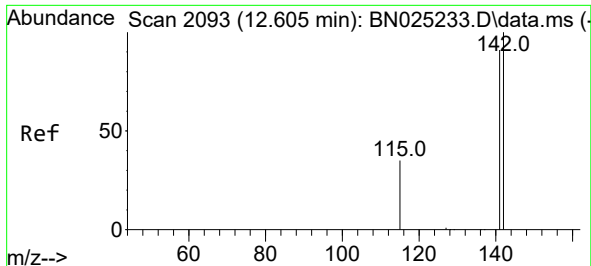
Tgt Ion:128 Resp: 641684
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 5.063 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

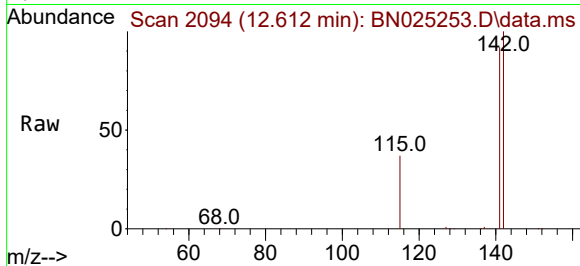
Tgt Ion:142 Resp: 217638
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



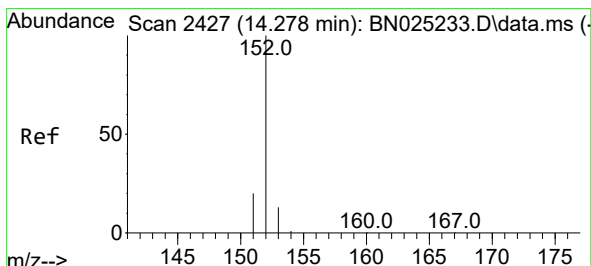
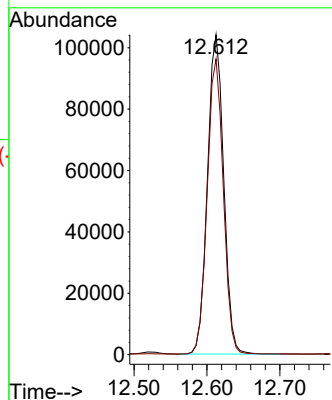
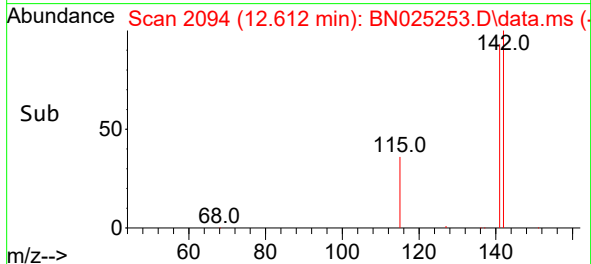


#8
1-Methylnaphthalene
Concen: 3.512 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Instrument :
BNA_N
ClientSampleId :
EW905

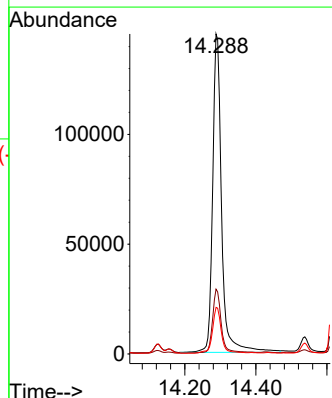
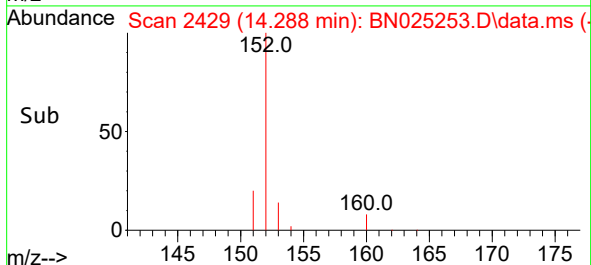
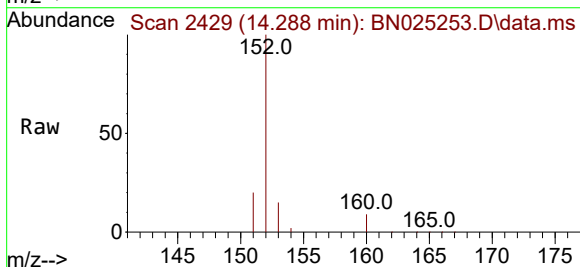


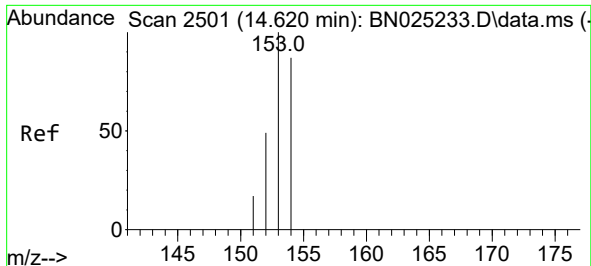
Tgt Ion:142 Resp: 160936
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6



#10
Acenaphthylene
Concen: 3.896 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Tgt Ion:152 Resp: 254808
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.6 10.8 16.2

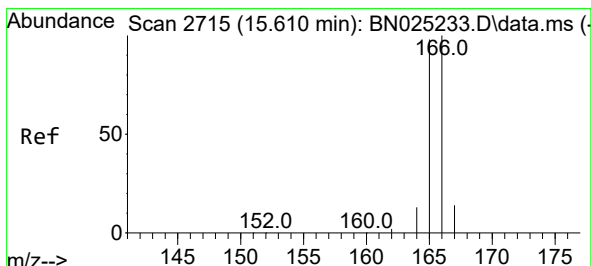
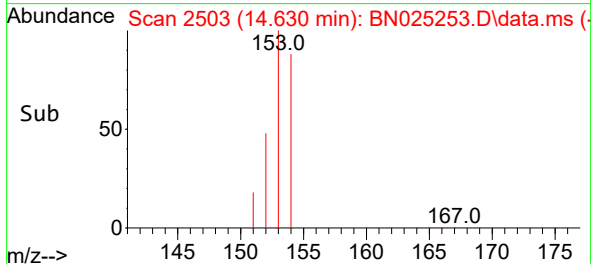
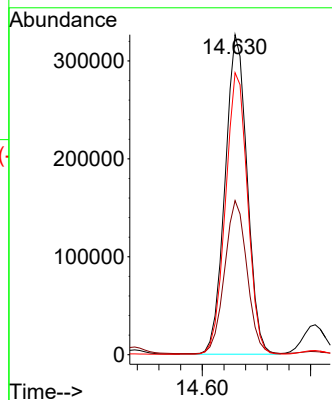
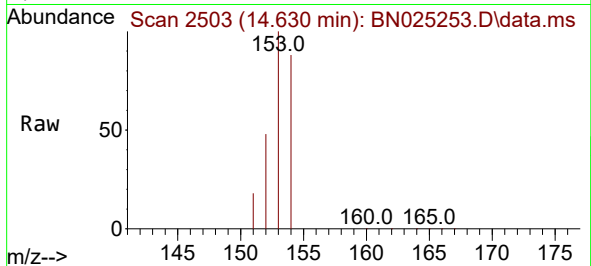




#11
Acenaphthene
Concen: 8.391 ng/ul
RT: 14.630 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

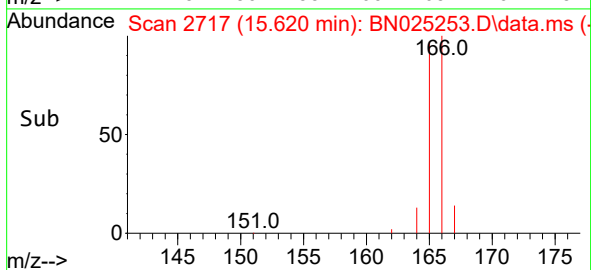
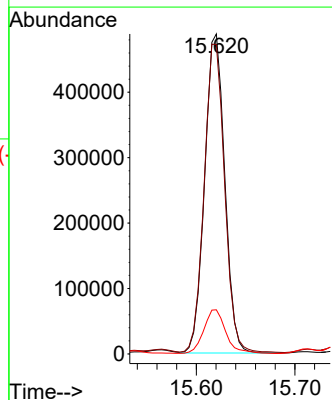
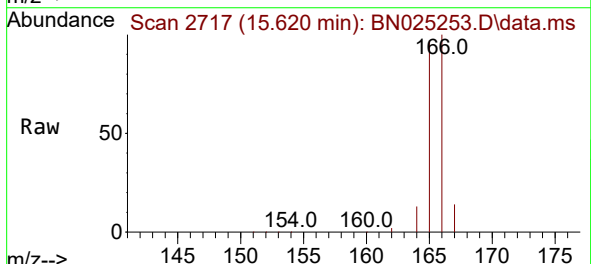
Instrument :
BNA_N
ClientSampleId :
EW905

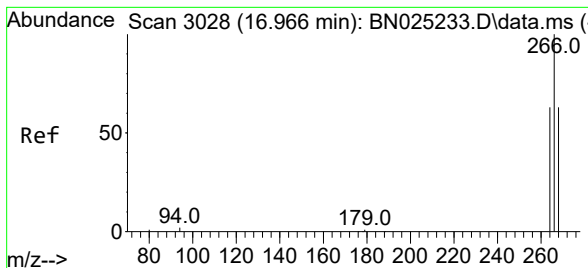
Tgt Ion:153 Resp: 462578
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.1 69.4 104.2



#12
Fluorene
Concen: 11.254 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Tgt Ion:166 Resp: 693579
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.8 11.0 16.6





#14

Pentachlorophenol

Concen: 0.029 ng/ul

RT: 16.979 min Scan# 3028

Delta R.T. 0.014 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

Instrument :

BNA_N

ClientSampleId :

EW905

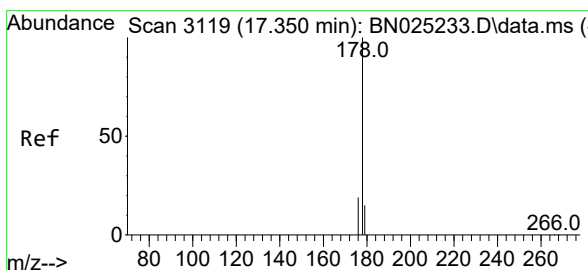
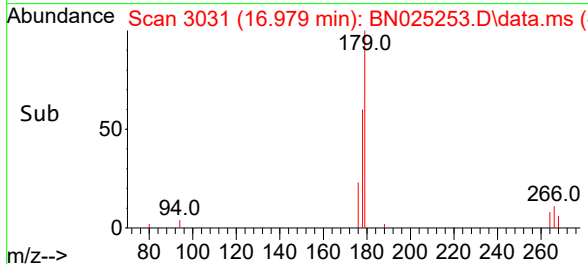
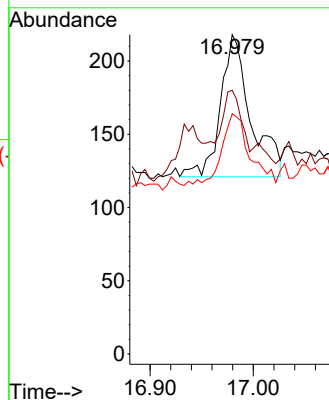
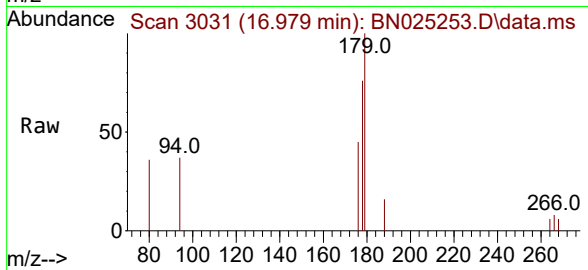
Tgt Ion:266 Resp: 198

Ion Ratio Lower Upper

266 100

264 48.0 49.6 74.4#

268 46.5 51.3 76.9#



#15

Phenanthrene

Concen: 69.377 ng/ul

RT: 17.368 min Scan# 3123

Delta R.T. 0.018 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

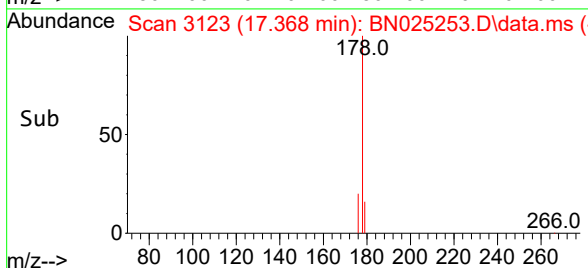
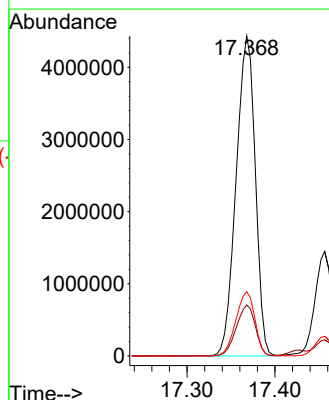
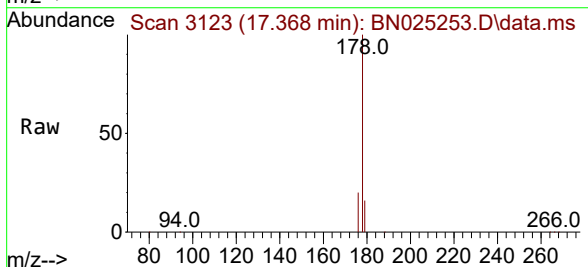
Tgt Ion:178 Resp: 6706454

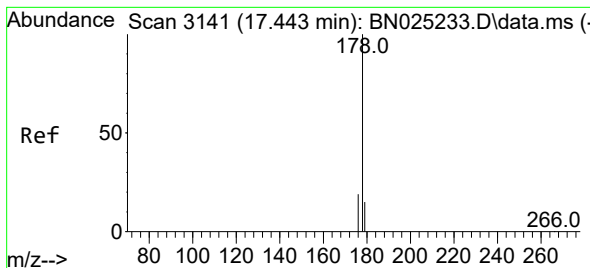
Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

176 20.1 15.6 23.4





#16

Anthracene

Concen: 25.014 ng/ul

RT: 17.457 min Scan# 3141

Delta R.T. 0.014 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

Instrument :

BNA_N

ClientSampleId :

EW905

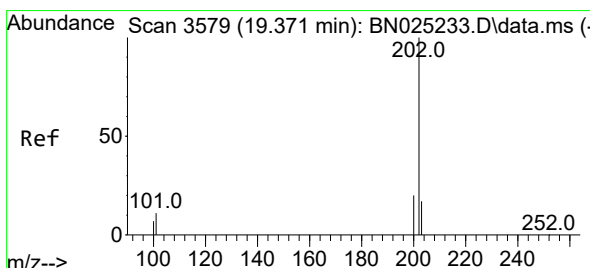
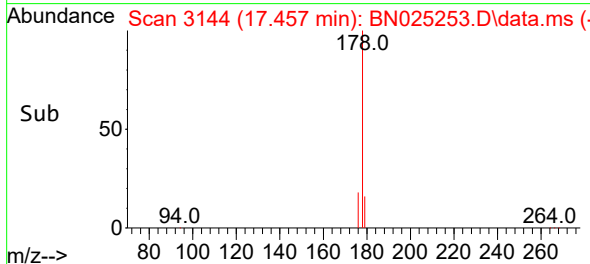
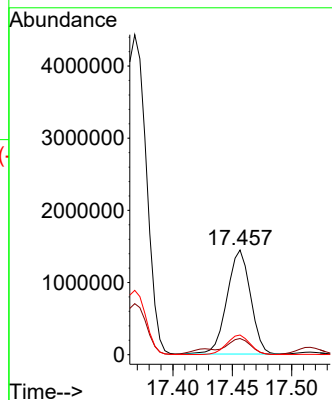
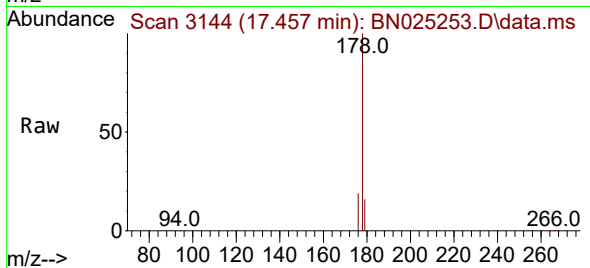
Tgt Ion:178 Resp: 1978119

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 18.7 15.3 22.9



#19

Fluoranthene

Concen: 131.282 ng/ul

RT: 19.391 min Scan# 3583

Delta R.T. 0.019 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

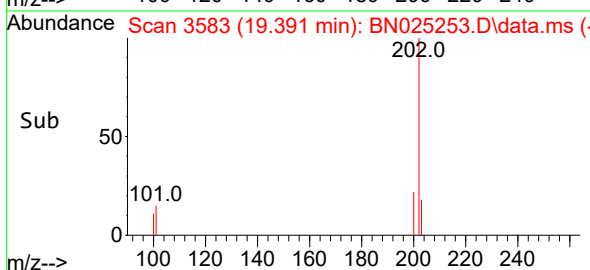
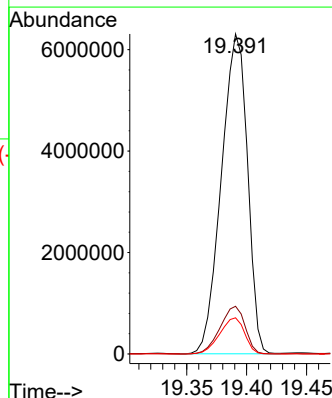
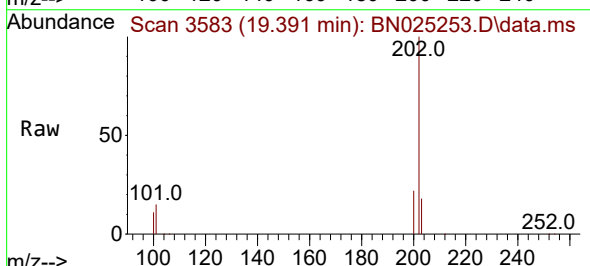
Tgt Ion:202 Resp: 9556553

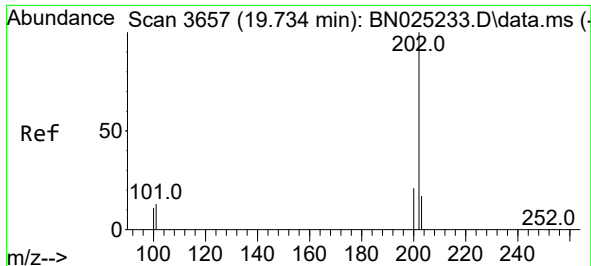
Ion Ratio Lower Upper

202 100

101 14.9 9.7 14.5#

100 11.3 7.3 10.9#

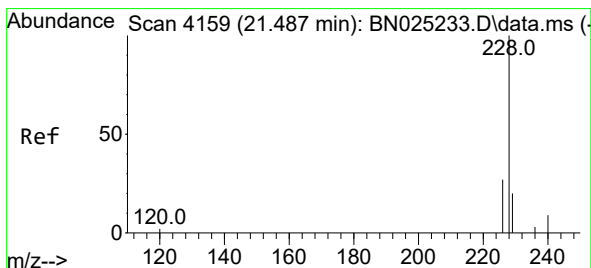
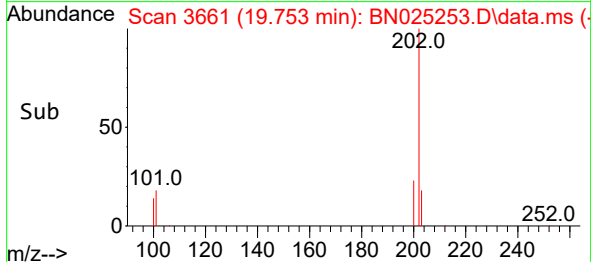
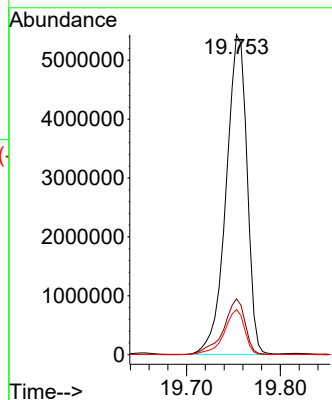
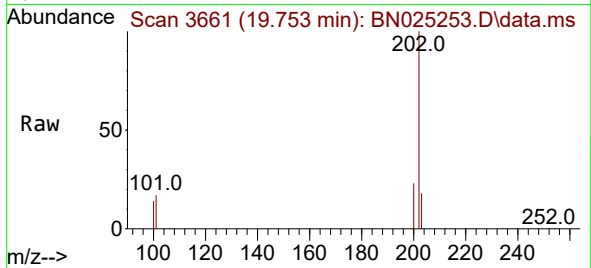




#20
Pyrene
Concen: 112.378 ng/ul
RT: 19.753 min Scan# 30
Delta R.T. 0.019 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

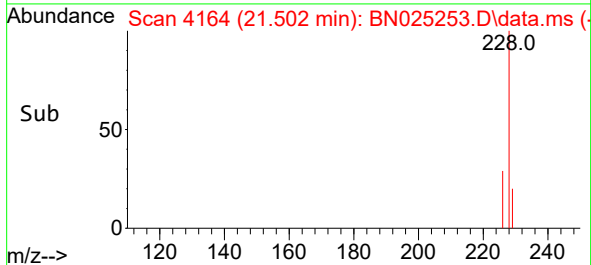
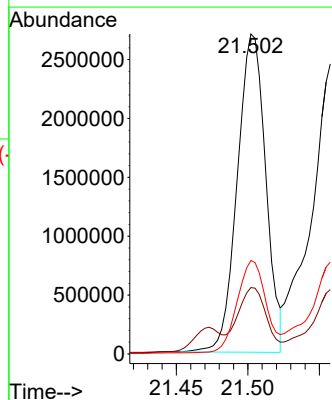
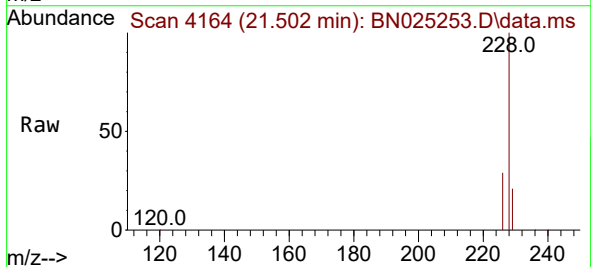
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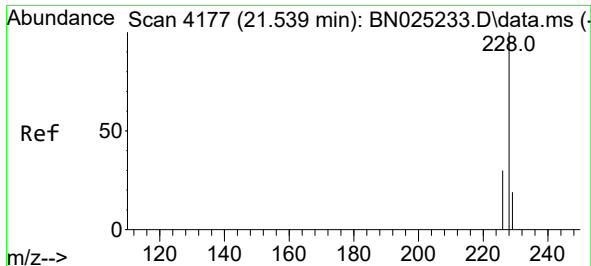
Tgt Ion:202 Resp: 8404920
Ion Ratio Lower Upper
202 100
101 17.5 11.3 16.9#
100 14.1 9.2 13.8#



#21
Benzo(a)anthracene
Concen: 61.662 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. 0.015 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Tgt Ion:228 Resp: 3740369
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 29.2 22.1 33.1





#22

Chrysene

Concen: 58.732 ng/ul

RT: 21.558 min Scan# 41

Delta R.T. 0.018 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

Instrument :

BNA_N

ClientSampleId :

EW905

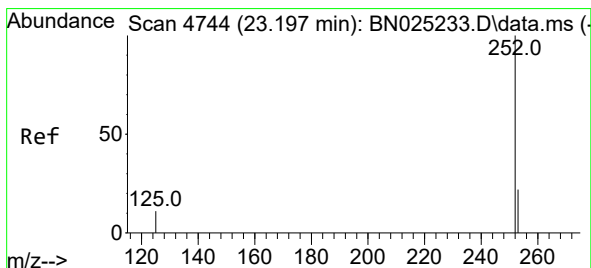
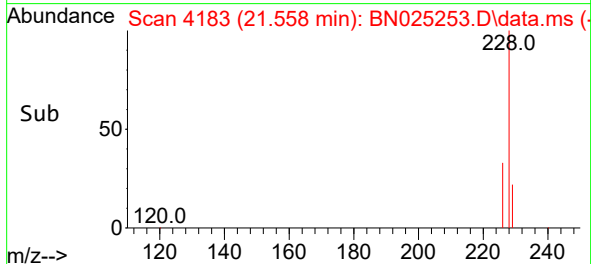
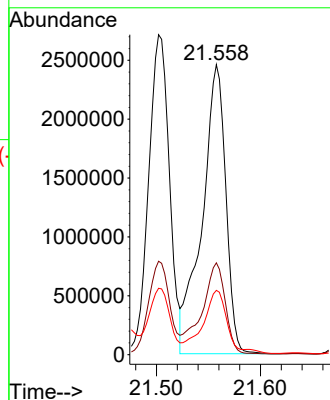
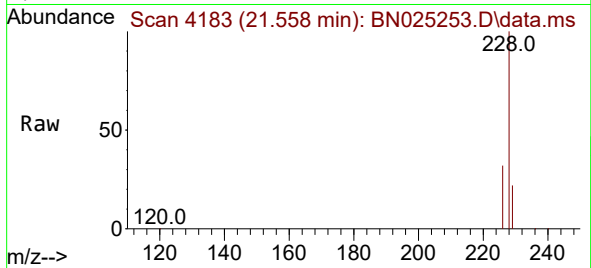
Tgt Ion:228 Resp: 3886368

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

229 22.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 62.791 ng/ul

RT: 23.230 min Scan# 4755

Delta R.T. 0.033 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

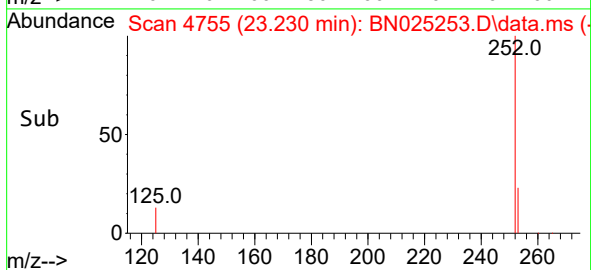
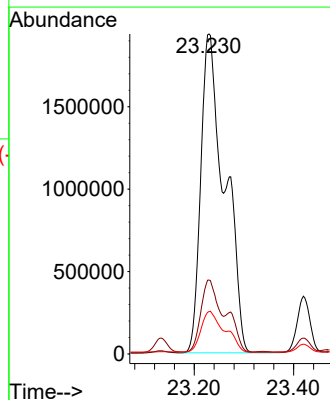
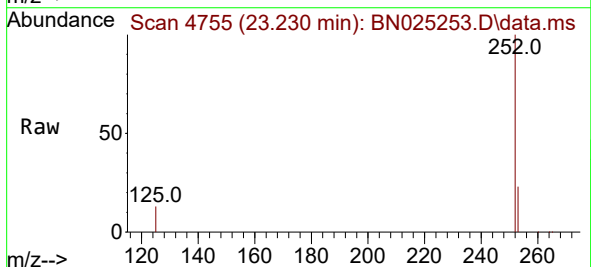
Tgt Ion:252 Resp: 6453364

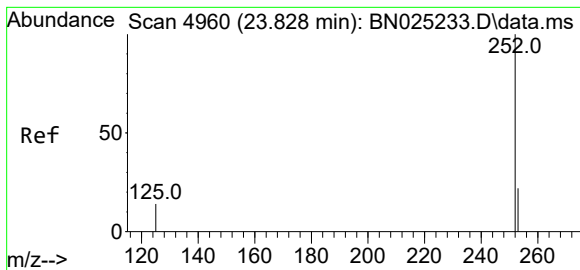
Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.2

125 13.2 0.0 30.4





#26

Benzo(a)pyrene

Concen: 37.541 ng/ul

RT: 23.876 min Scan# 4960

Delta R.T. 0.048 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

Instrument :

BNA_N

ClientSampleId :

EW905

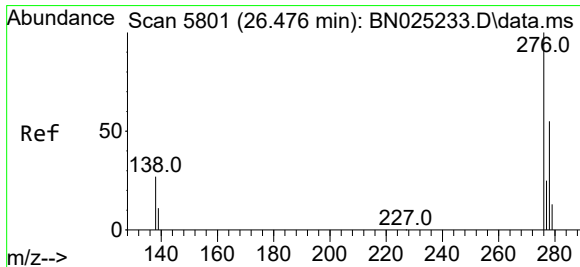
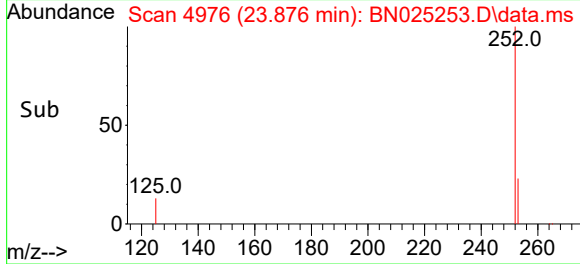
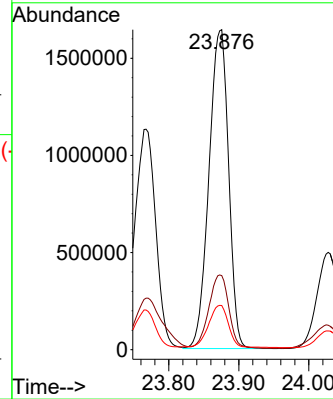
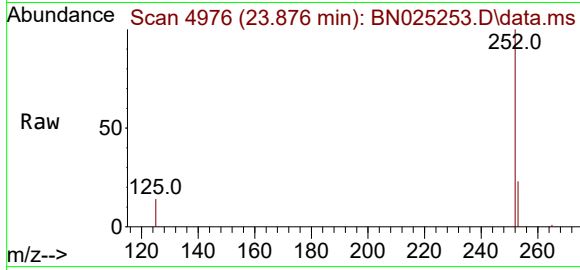
Tgt Ion:252 Resp: 3192254

Ion Ratio Lower Upper

252 100

253 23.2 21.4 32.2

125 13.8 14.6 22.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 23.779 ng/ul

RT: 26.550 min Scan# 5823

Delta R.T. 0.075 min

Lab File: BN025253.D

Acq: 03 May 2023 23:18

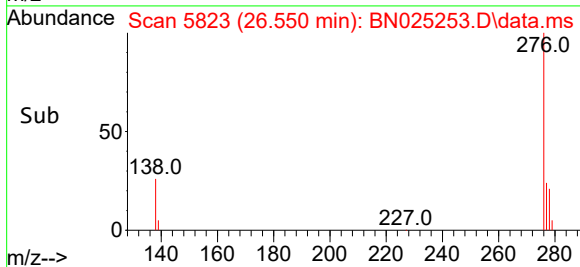
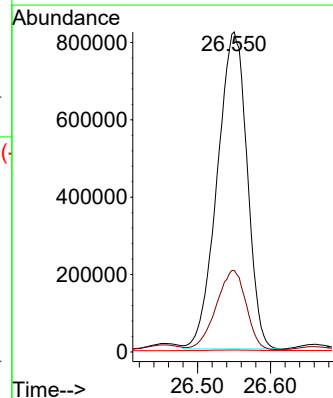
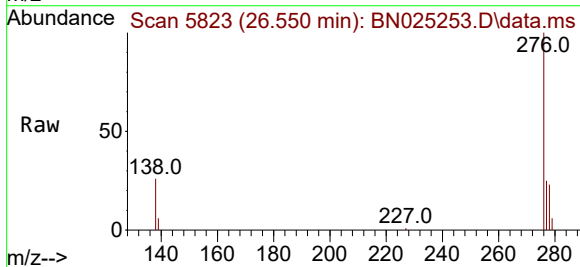
Tgt Ion:276 Resp: 2329776

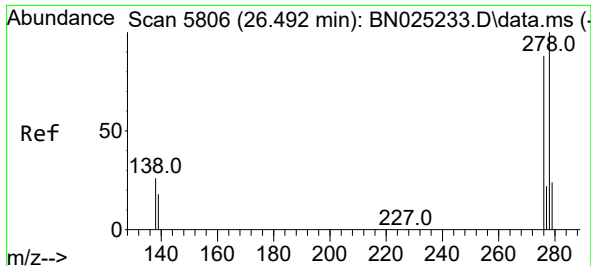
Ion Ratio Lower Upper

276 100

138 25.1 21.9 32.9

227 0.4 0.1 0.1#

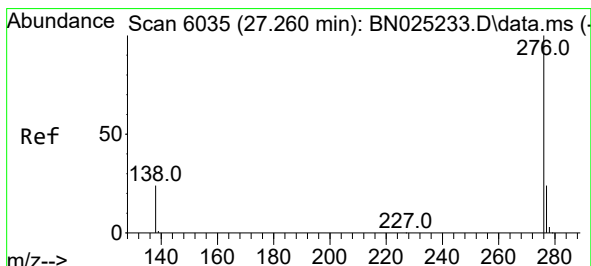
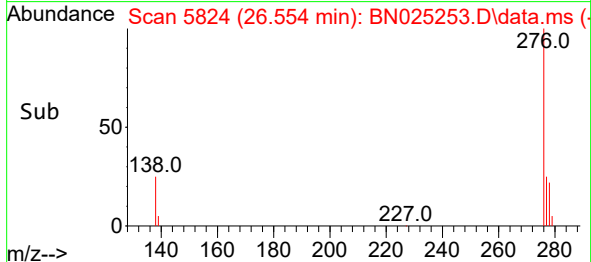
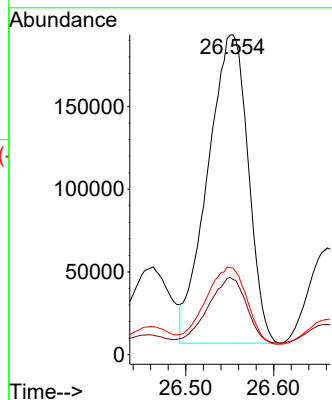
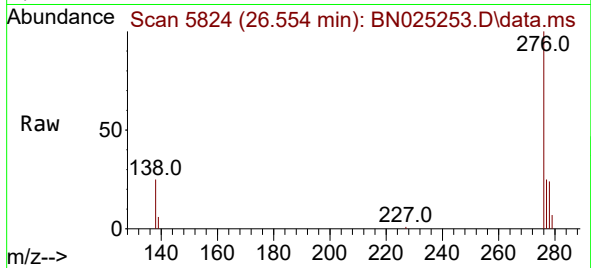




#28
Dibenzo(a,h)anthracene
Concen: 7.793 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. 0.061 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Instrument :
BNA_N
ClientSampleId :
EW905

Tgt Ion:278 Resp: 596432
Ion Ratio Lower Upper
278 100
139 23.5 17.0 25.6
279 27.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 25.817 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. 0.091 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Tgt Ion:276 Resp: 2150786
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 24.7 19.8 29.6

