

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025216.D
 Acq On : 02 May 2023 12:37
 Operator : CG/JU
 Sample : 02419-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW920

Quant Time: May 03 02:28:43 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)

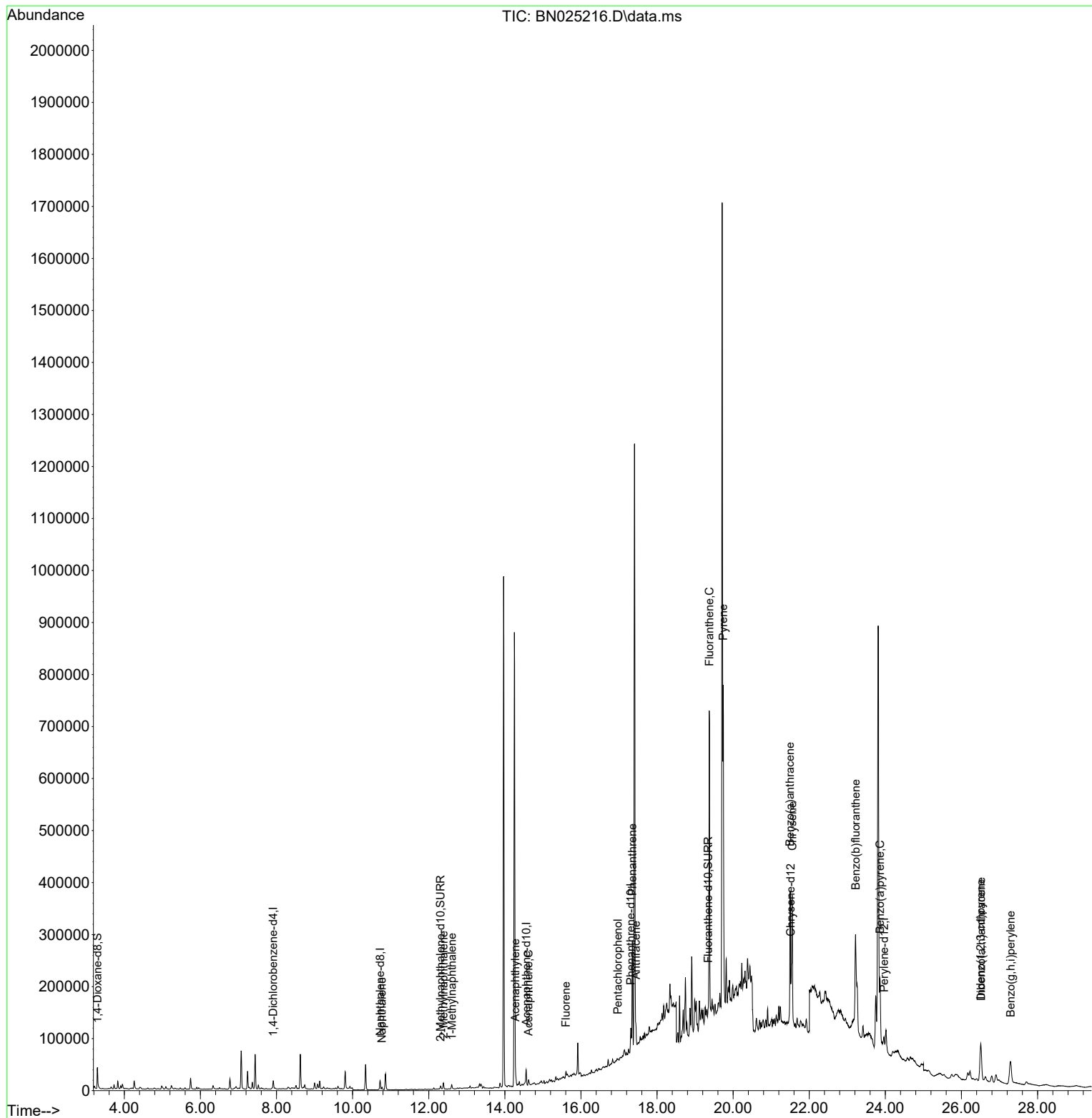
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	6786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	22915	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32492	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	25344	0.400	ng/ul	# 0.01
23) Perylene-d12	23.963	264	24897	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23907	3.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	8035	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	20275	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7458	0.127	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	8524	0.237	ng/ul	97
8) 1-Methylnaphthalene	12.607	142	5662	0.148	ng/ul	97
10) Acenaphthylene	14.278	152	23560	0.364	ng/ul#	75
11) Acenaphthene	14.621	153	4920	0.090	ng/ul#	86
12) Fluorene	15.606	166	7521	0.123	ng/ul#	43
14) Pentachlorophenol	16.971	266	366	0.057	ng/ul#	33
15) Phenanthrene	17.351	178	225182	2.455	ng/ul#	89
16) Anthracene	17.444	178	56829	0.757	ng/ul#	51
19) Fluoranthene	19.372	202	494470	5.395	ng/ul#	96
20) Pyrene	19.739	202	501513	5.326	ng/ul	95
21) Benzo(a)anthracene	21.496	228	208682	2.732	ng/ul#	81
22) Chrysene	21.552	228	280111	3.362	ng/ul#	84
24) Benzo(b)fluoranthene	23.218	252	390676	3.868	ng/ul#	41
26) Benzo(a)pyrene	23.858	252	172713	2.067	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.507	276	125303	1.301	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.513	278	30784	0.409	ng/ul#	26
29) Benzo(g,h,i)perylene	27.291	276	108025	1.319	ng/ul#	90

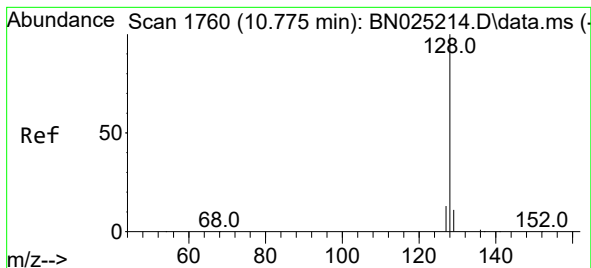
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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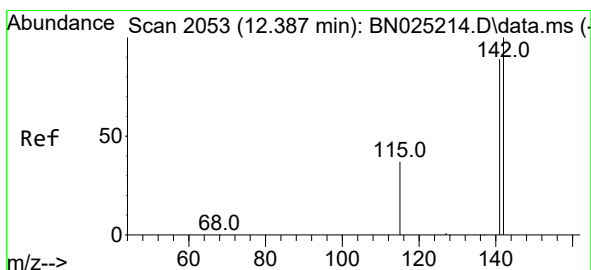
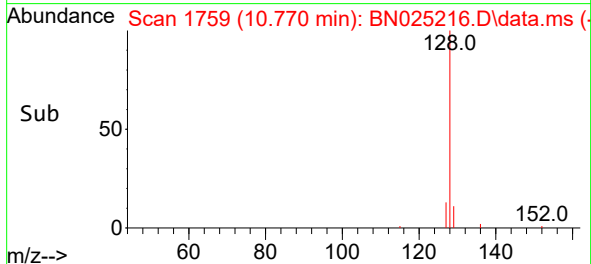
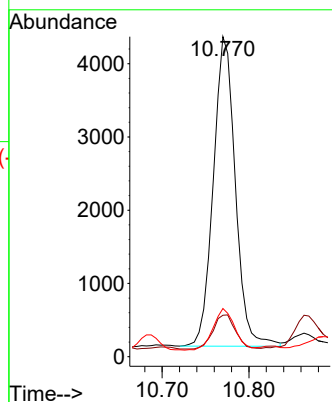
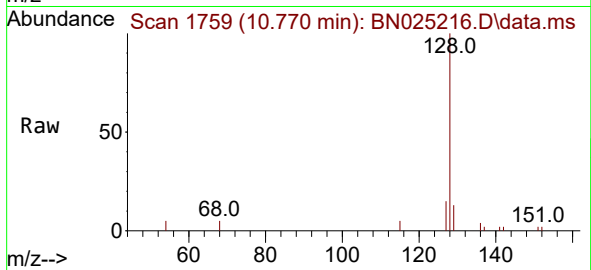




#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

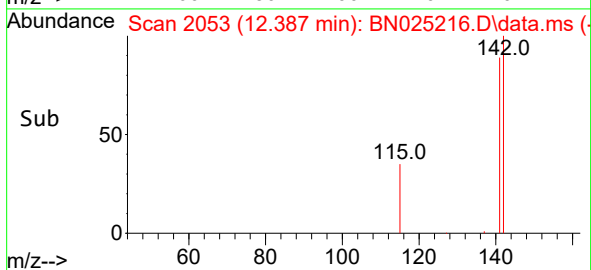
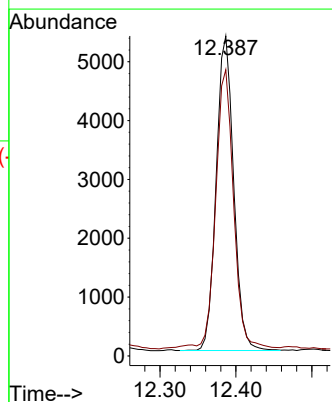
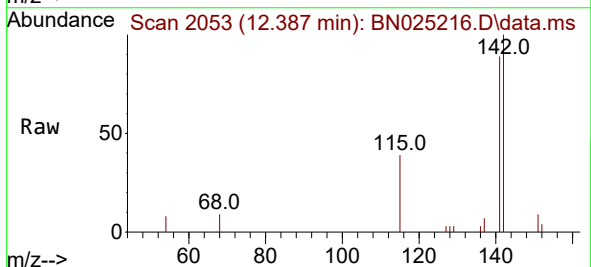
Instrument :
BNA_N
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EW920

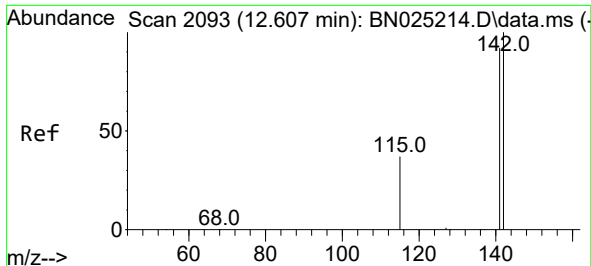
Tgt Ion:128 Resp: 7458
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Tgt Ion:142 Resp: 8524
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.0

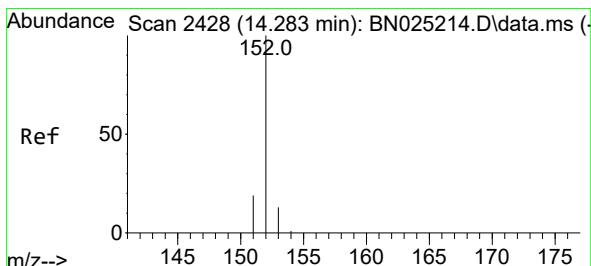
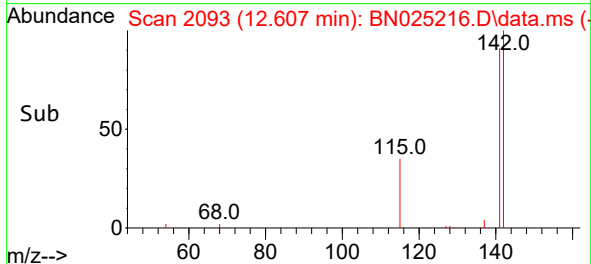
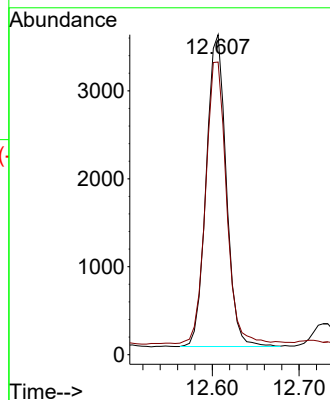
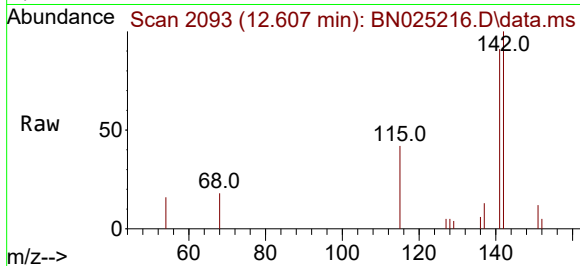




#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

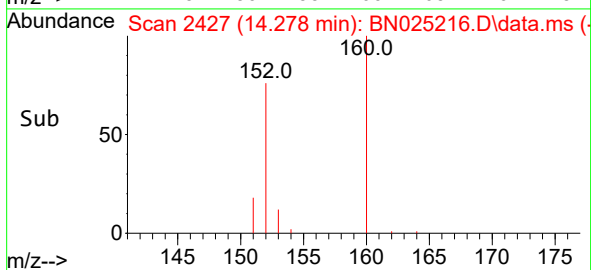
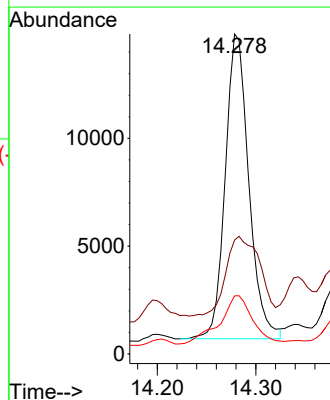
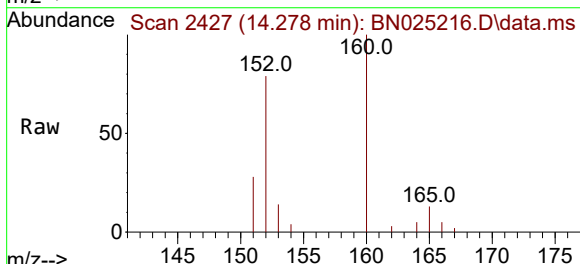
Instrument :
BNA_N
ClientSampleId :
EW920

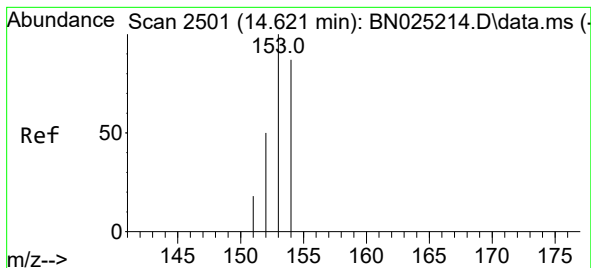
Tgt Ion:142 Resp: 5662
Ion Ratio Lower Upper
142 100
141 95.4 73.8 110.6



#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Tgt Ion:152 Resp: 23560
Ion Ratio Lower Upper
152 100
151 35.6 16.0 24.0#
153 18.1 10.8 16.2#





#11

Acenaphthene

Concen: 0.090 ng/ul

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

Instrument :

BNA_N

ClientSampleId :

EW920

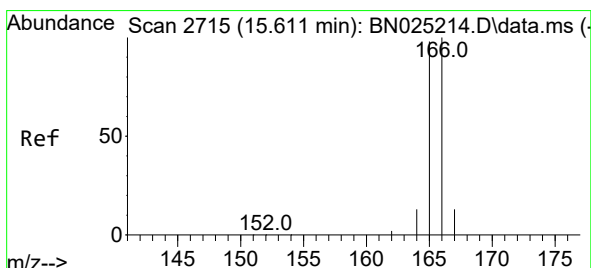
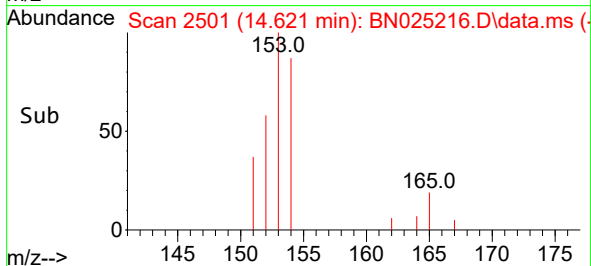
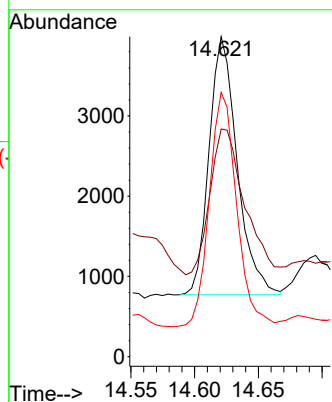
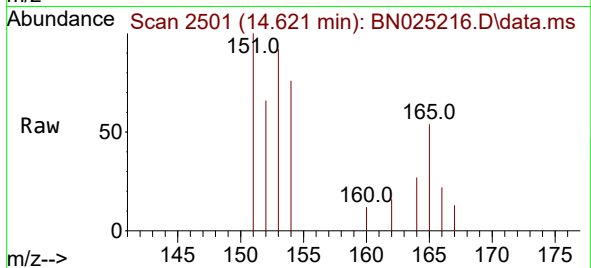
Tgt Ion:153 Resp: 4920

Ion Ratio Lower Upper

153 100

152 71.2 40.2 60.4#

154 82.6 69.4 104.2



#12

Fluorene

Concen: 0.123 ng/ul

RT: 15.606 min Scan# 2714

Delta R.T. -0.005 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

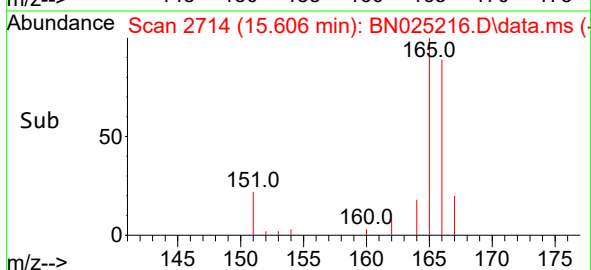
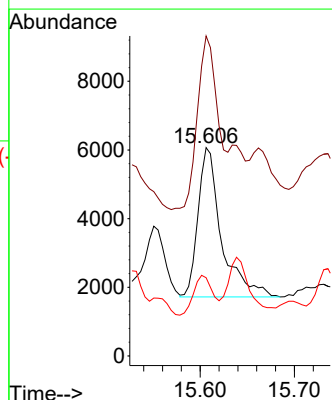
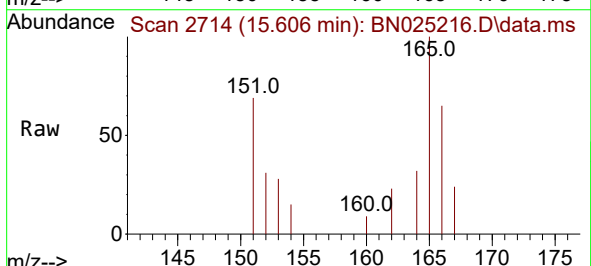
Tgt Ion:166 Resp: 7521

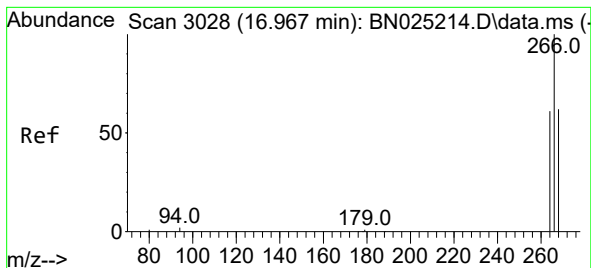
Ion Ratio Lower Upper

166 100

165 153.6 78.1 117.1#

167 37.5 11.0 16.6#





#14

Pentachlorophenol

Concen: 0.057 ng/ul

RT: 16.971 min Scan# 3028

Delta R.T. 0.004 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

Instrument :

BNA_N

ClientSampleId :

EW920

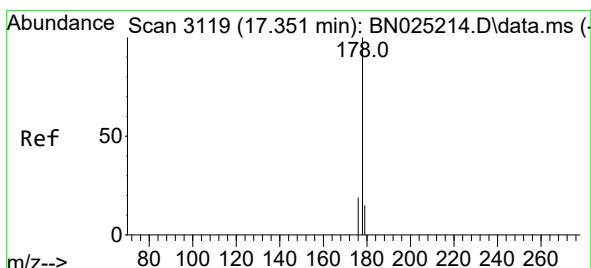
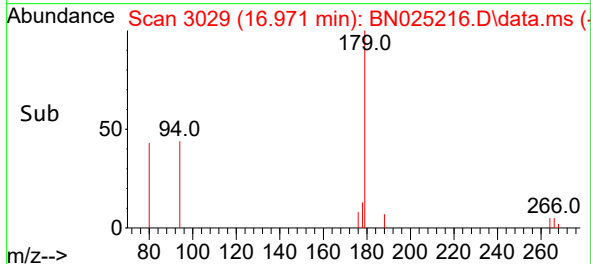
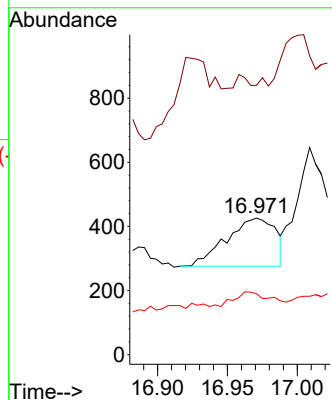
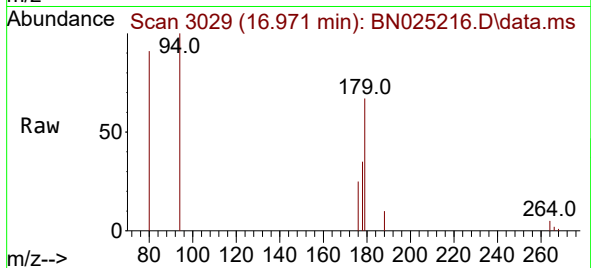
Tgt Ion:266 Resp: 366

Ion Ratio Lower Upper

266 100

264 0.0 49.6 74.4#

268 21.6 51.3 76.9#



#15

Phenanthrene

Concen: 2.455 ng/ul

RT: 17.351 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

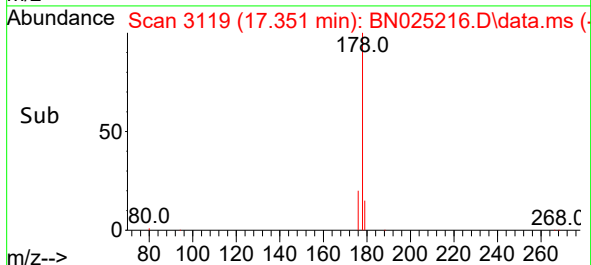
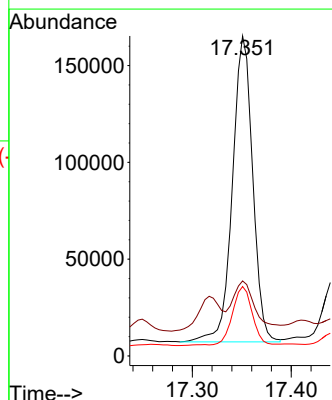
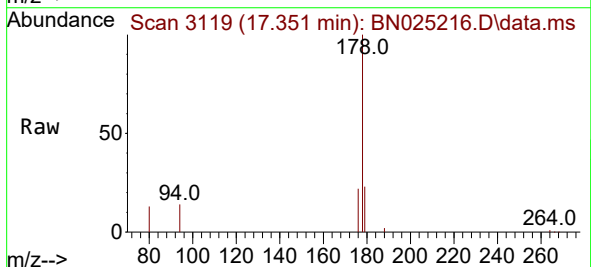
Tgt Ion:178 Resp: 225182

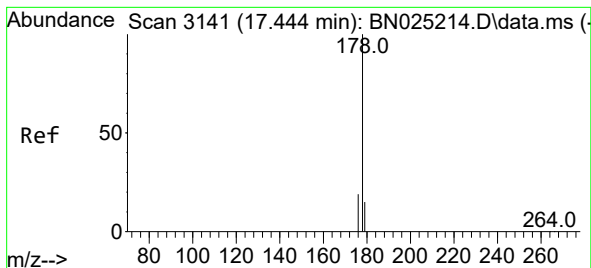
Ion Ratio Lower Upper

178 100

179 23.5 12.5 18.7#

176 21.7 15.6 23.4





#16

Anthracene

Concen: 0.757 ng/ul

RT: 17.444 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BN025216.D

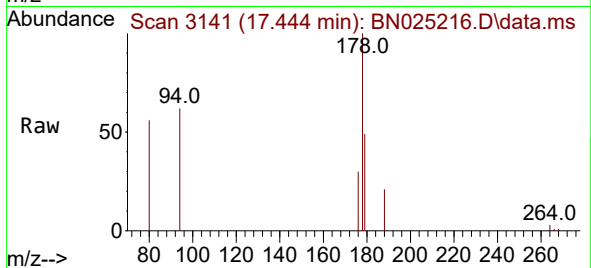
Acq: 02 May 2023 12:37

Instrument :

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EW920



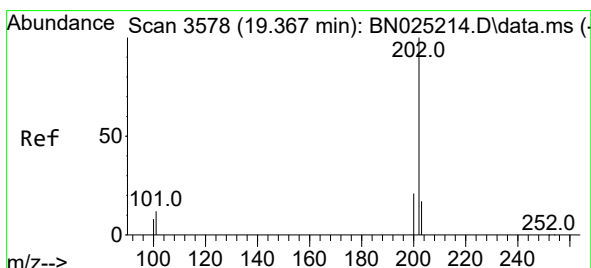
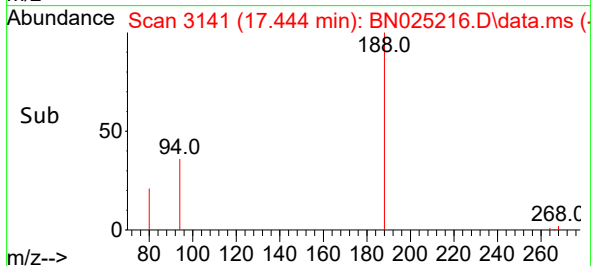
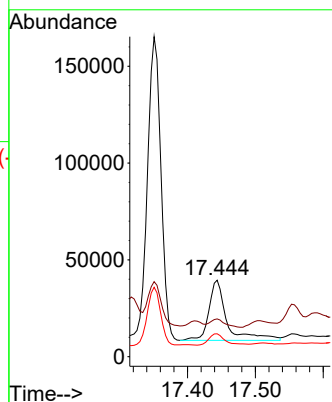
Tgt Ion:178 Resp: 56829

Ion Ratio Lower Upper

178 100

179 49.4 12.7 19.1#

176 30.0 15.3 22.9#



#19

Fluoranthene

Concen: 5.395 ng/ul

RT: 19.372 min Scan# 3579

Delta R.T. 0.005 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

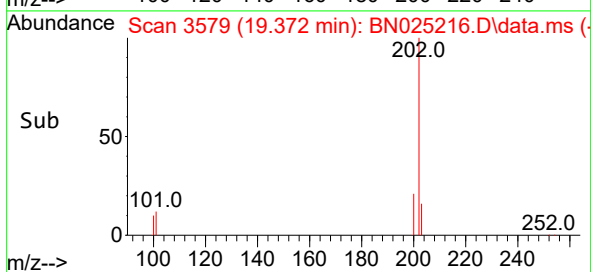
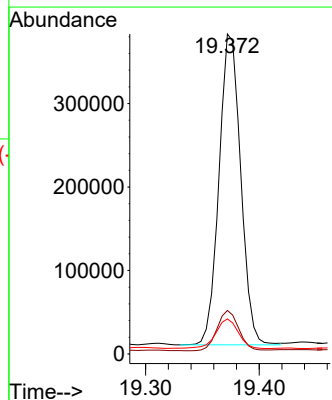
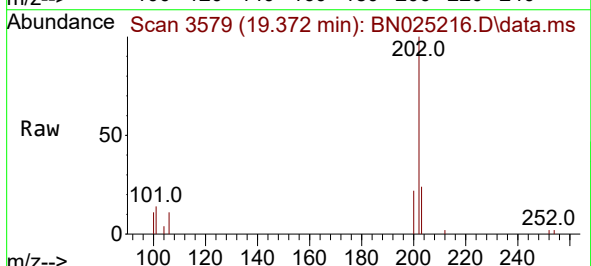
Tgt Ion:202 Resp: 494470

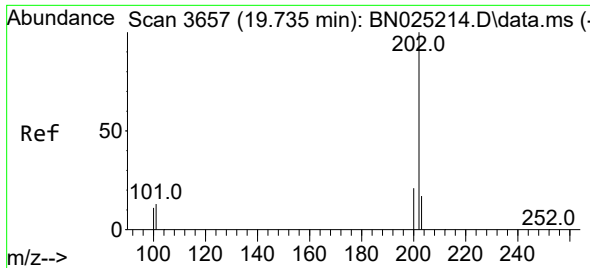
Ion Ratio Lower Upper

202 100

101 13.6 9.7 14.5

100 11.0 7.3 10.9#

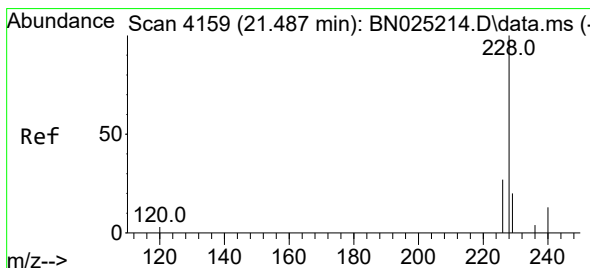
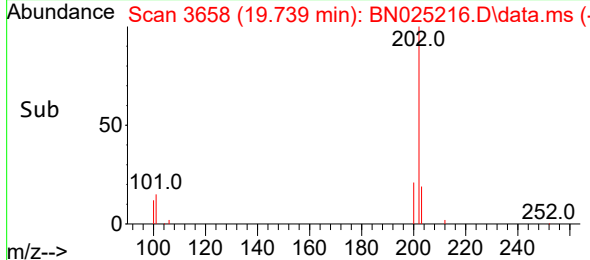
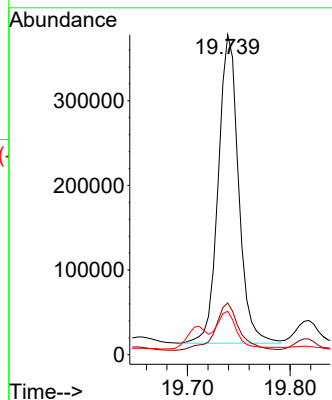
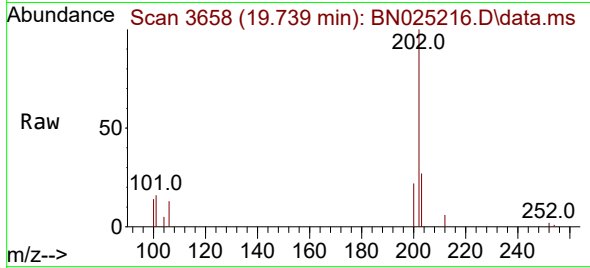




#20
Pyrene
Concen: 5.326 ng/ul
RT: 19.739 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

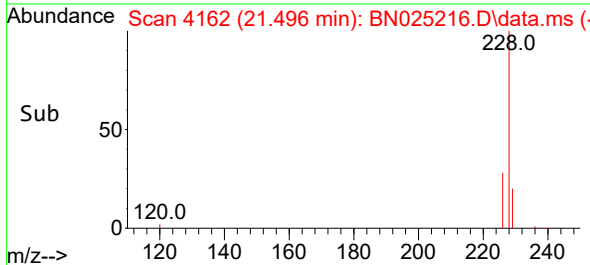
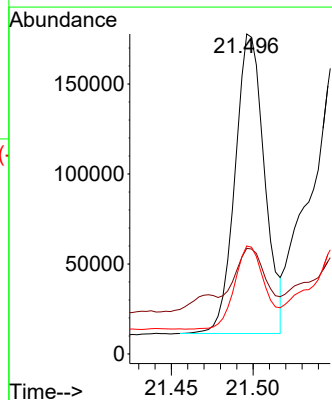
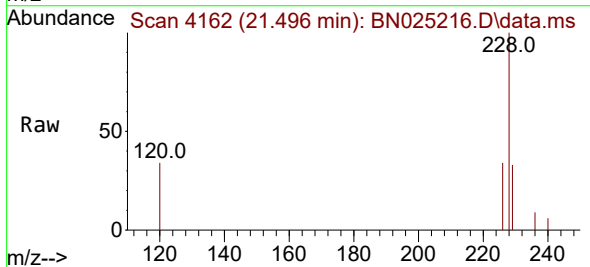
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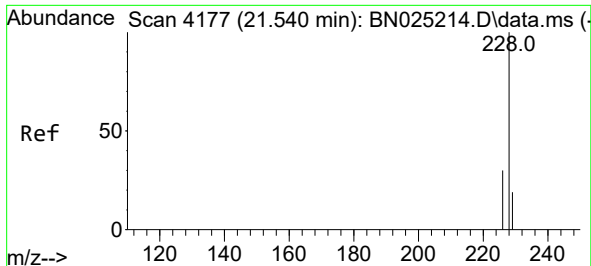
Tgt Ion:202 Resp: 501513
Ion Ratio Lower Upper
202 100
101 16.1 11.3 16.9
100 13.6 9.2 13.8



#21
Benzo(a)anthracene
Concen: 2.732 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. 0.009 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Tgt Ion:228 Resp: 208682
Ion Ratio Lower Upper
228 100
229 33.0 15.6 23.4#
226 33.8 22.1 33.1#





#22

Chrysene

Concen: 3.362 ng/ul

RT: 21.552 min Scan# 41

Delta R.T. 0.012 min

Lab File: BN025216.D

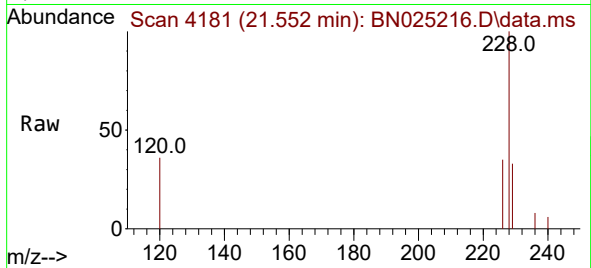
Acq: 02 May 2023 12:37

Instrument :

BNA_N

ClientSampleId :

EW920



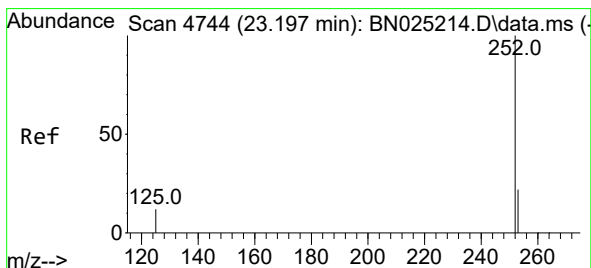
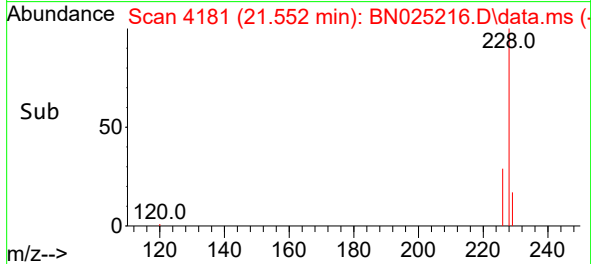
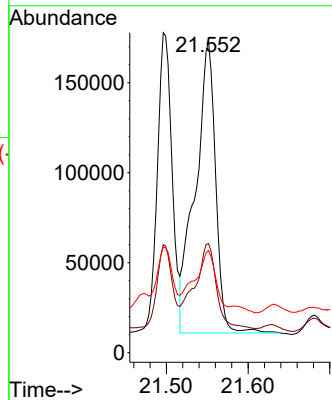
Tgt Ion:228 Resp: 280111

Ion Ratio Lower Upper

228 100

226 35.1 24.5 36.7

229 32.8 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 3.868 ng/ul

RT: 23.218 min Scan# 4751

Delta R.T. 0.020 min

Lab File: BN025216.D

Acq: 02 May 2023 12:37

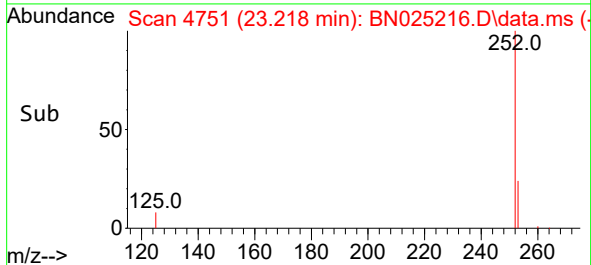
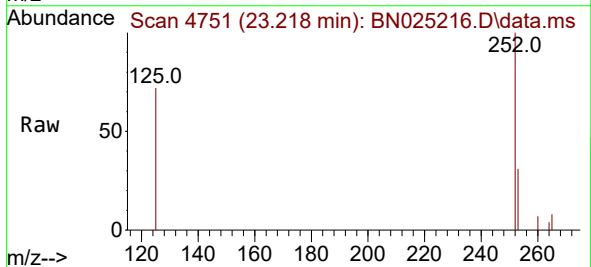
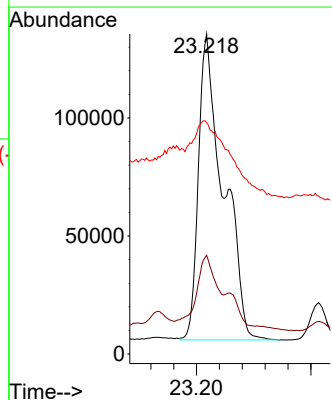
Tgt Ion:252 Resp: 390676

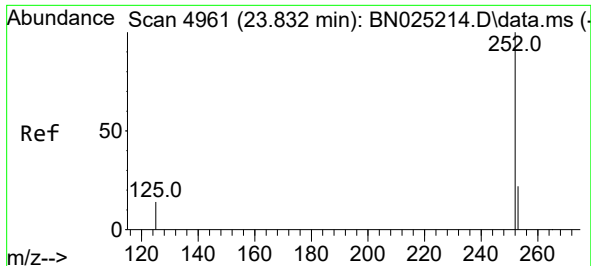
Ion Ratio Lower Upper

252 100

253 30.9 0.0 50.2

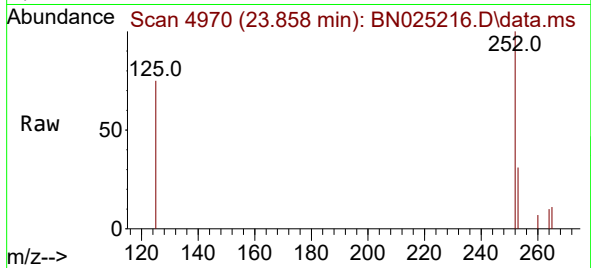
125 72.3 0.0 30.4#



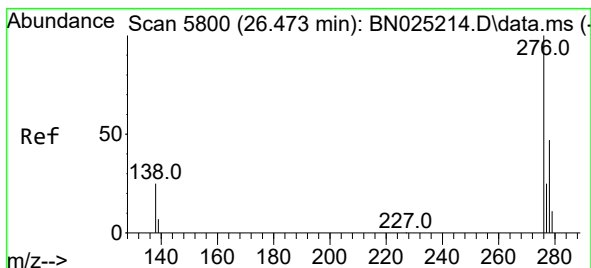
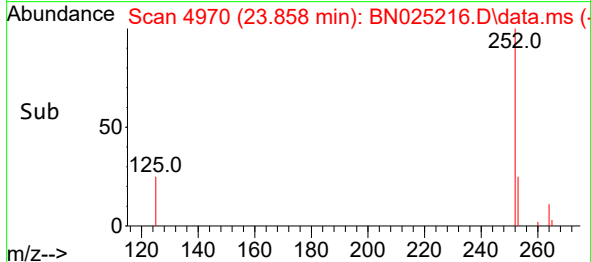
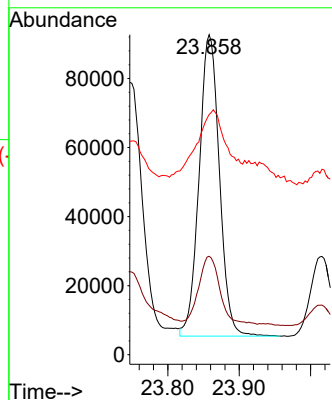


#26
Benzo(a)pyrene
Concen: 2.067 ng/ul
RT: 23.858 min Scan# 4961
Delta R.T. 0.026 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Instrument :
BNA_N
ClientSampleId :
EW920

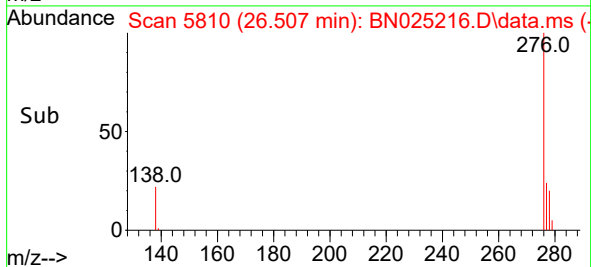
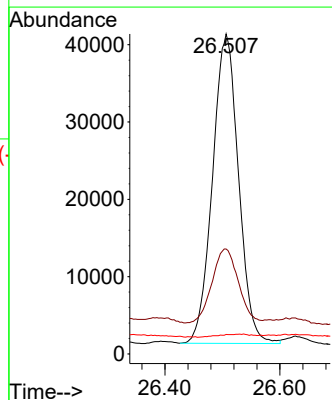
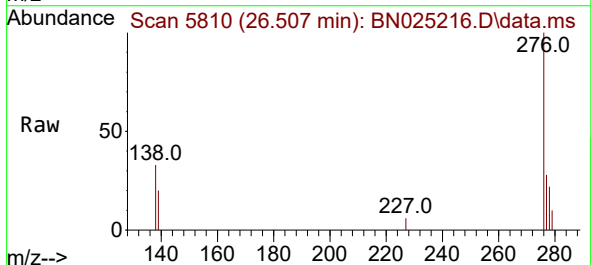


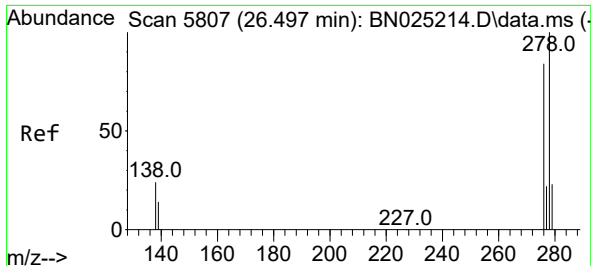
Tgt Ion:252 Resp: 172713
Ion Ratio Lower Upper
252 100
253 30.8 21.4 32.2
125 75.1 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.301 ng/ul
RT: 26.507 min Scan# 5810
Delta R.T. 0.034 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Tgt Ion:276 Resp: 125303
Ion Ratio Lower Upper
276 100
138 25.4 21.9 32.9
227 0.0 0.1 0.1#

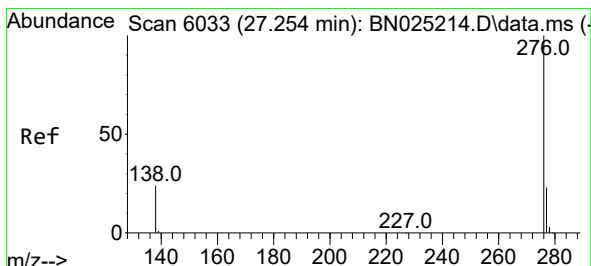
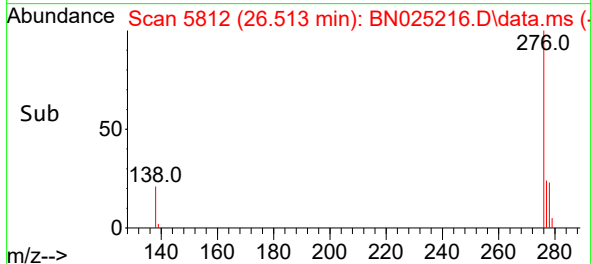
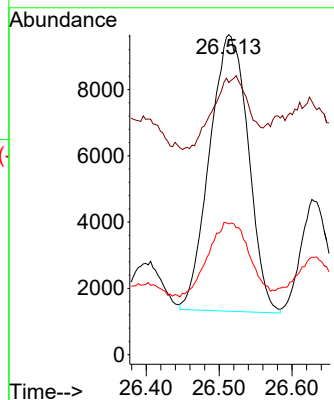
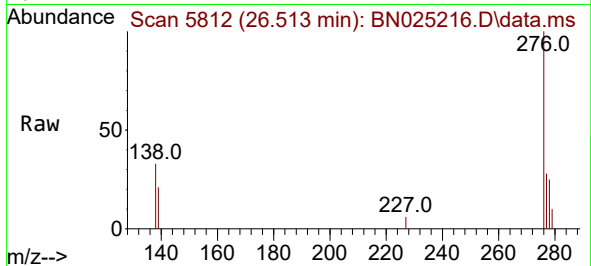




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.513 min Scan# 5812
Delta R.T. 0.017 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Instrument :
BNA_N
ClientSampleId :
EW920

Tgt Ion:278 Resp: 30784
Ion Ratio Lower Upper
278 100
139 85.1 17.0 25.6#
279 40.8 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 1.319 ng/ul
RT: 27.291 min Scan# 6044
Delta R.T. 0.037 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

Tgt Ion:276 Resp: 108025
Ion Ratio Lower Upper
276 100
138 33.1 20.3 30.5#
277 27.2 19.8 29.6

