

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025219.D
 Acq On : 02 May 2023 14:24
 Operator : CG/JU
 Sample : 02419-32
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW927

Quant Time: May 03 02:29:16 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)

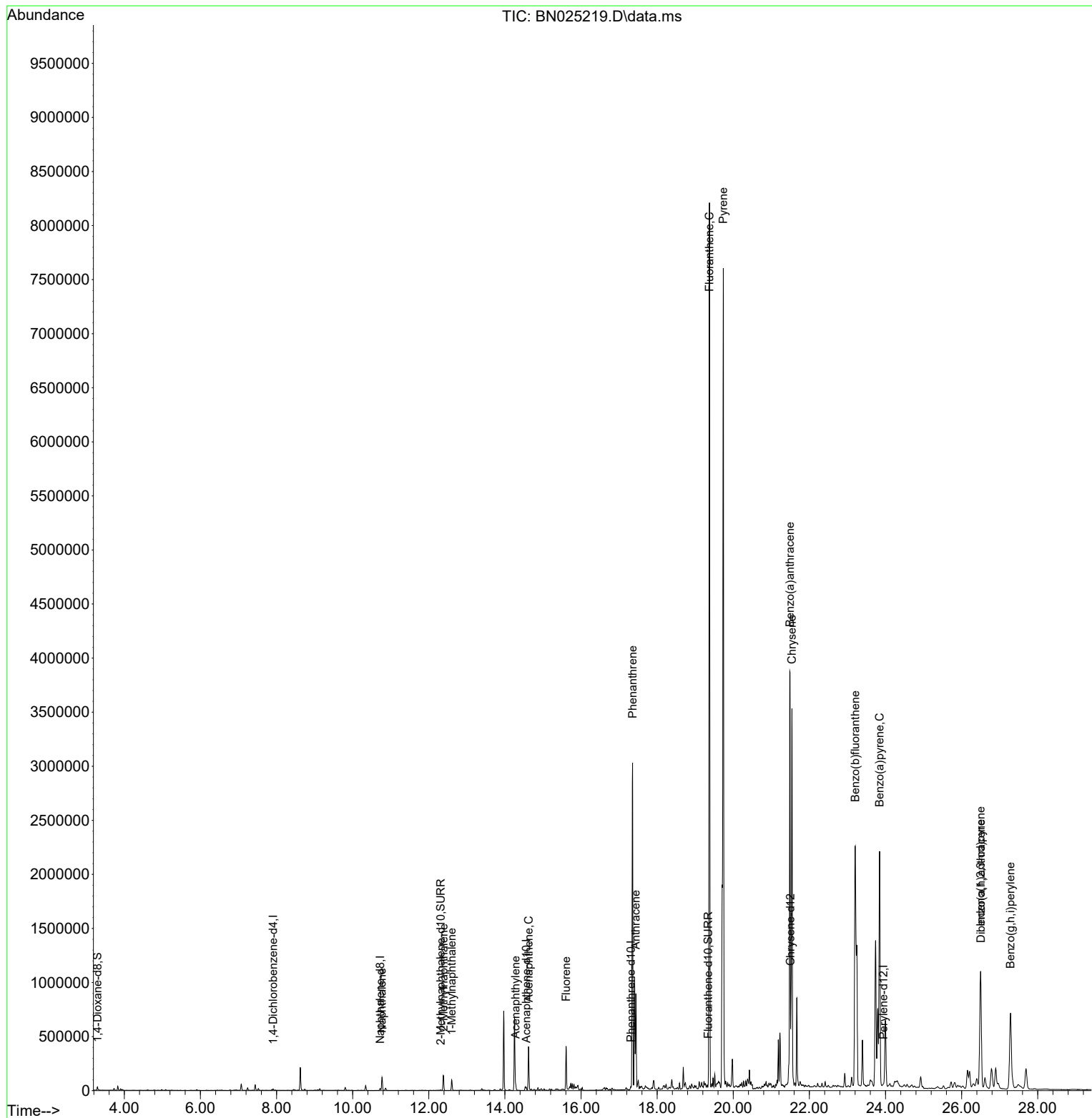
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	23404	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	16093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	38077	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	28023	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	29751	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	18330	2.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	5848	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	16578	0.224	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.770	128	158332	2.640	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	96735	2.634	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	65400	1.670	ng/ul	100
10) Acenaphthylene	14.280	152	70987	1.184	ng/ul#	95
11) Acenaphthene	14.622	153	229500	4.541	ng/ul	98
12) Fluorene	15.607	166	244524	4.328	ng/ul	99
15) Phenanthrene	17.352	178	3217181	29.934	ng/ul	100
16) Anthracene	17.441	178	907137	10.317	ng/ul	99
19) Fluoranthene	19.373	202	6855176	67.648	ng/ul	97
20) Pyrene	19.736	202	6628817	63.667	ng/ul	96
21) Benzo(a)anthracene	21.486	228	3442885	40.771	ng/ul	97
22) Chrysene	21.541	228	3393190	36.836	ng/ul	97
24) Benzo(b)fluoranthene	23.204	252	5538998	45.889	ng/ul	95
26) Benzo(a)pyrene	23.845	252	3060999	30.650	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.498	276	1778509	15.456	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.508	278	404396	4.499	ng/ul	98
29) Benzo(g,h,i)perylene	27.286	276	1520928	15.545	ng/ul	99

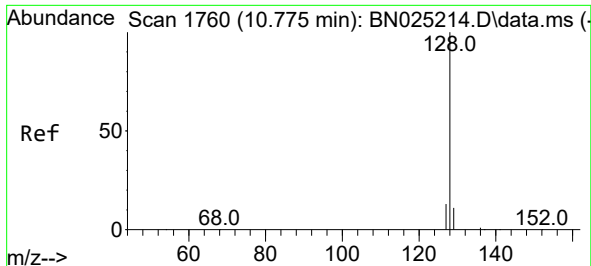
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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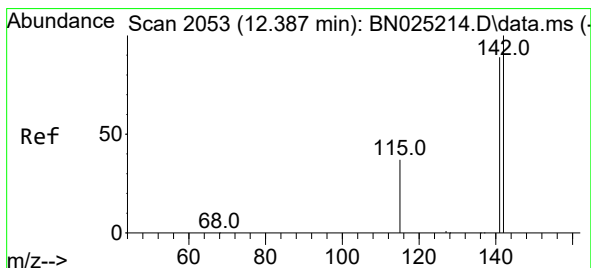
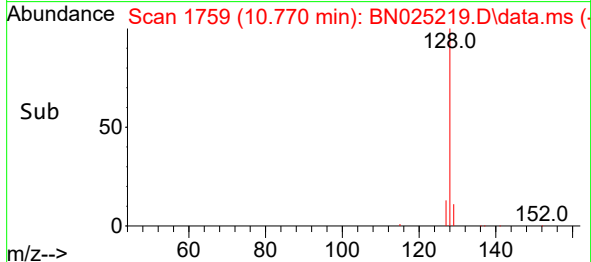
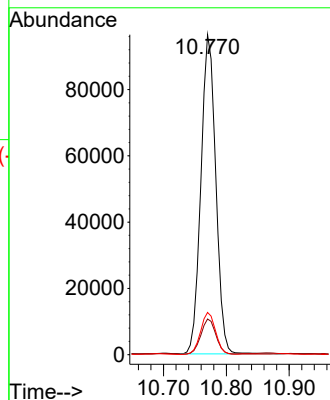
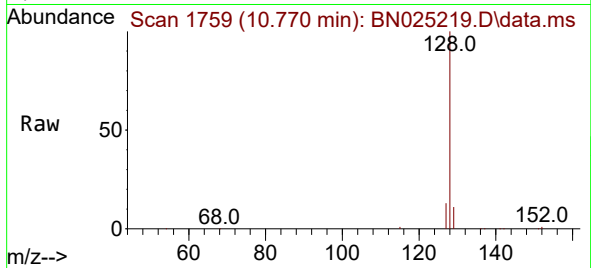




#5
Naphthalene
Concen: 2.640 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

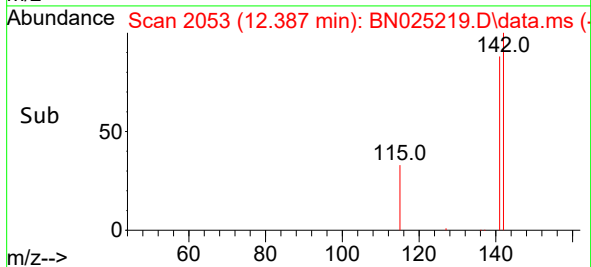
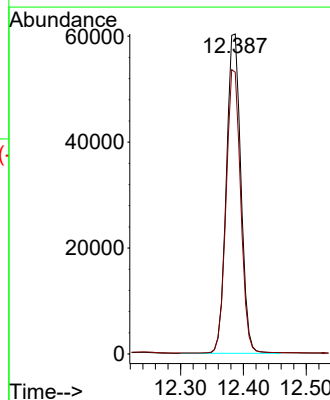
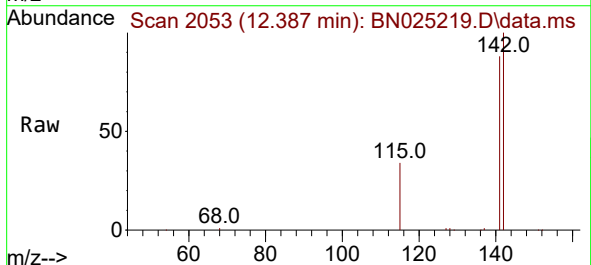
Instrument :
BNA_N
ClientSampleId :
EW927

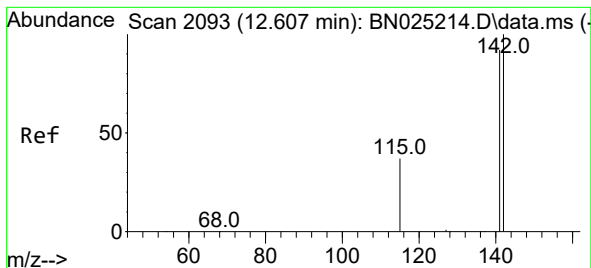
Tgt Ion:128 Resp: 158332
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 2.634 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

Tgt Ion:142 Resp: 96735
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8

1-Methylnaphthalene

Concen: 1.670 ng/ul

RT: 12.601 min Scan# 2092

Delta R.T. -0.005 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

Instrument :

BNA_N

ClientSampleId :

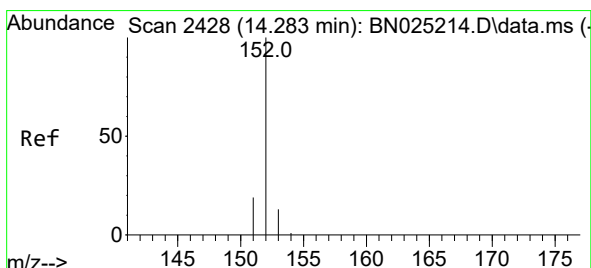
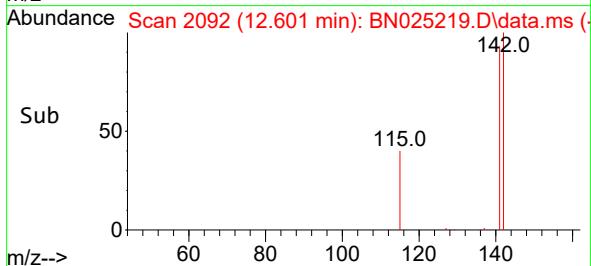
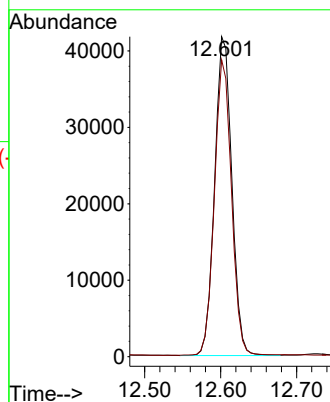
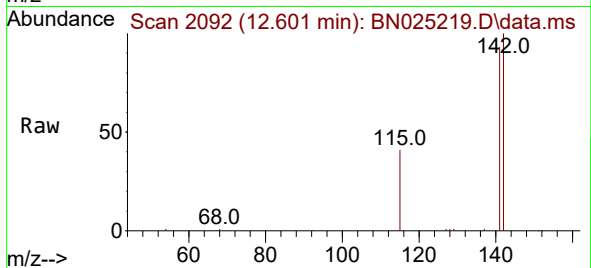
EW927

Tgt Ion:142 Resp: 65400

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6



#10

Acenaphthylene

Concen: 1.184 ng/ul

RT: 14.280 min Scan# 2427

Delta R.T. -0.004 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

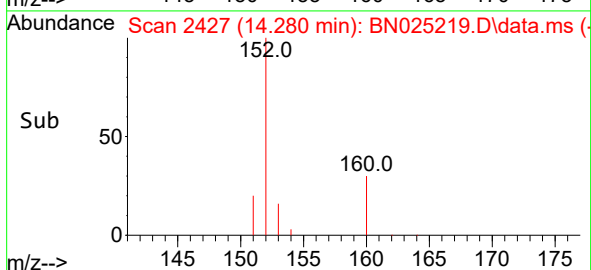
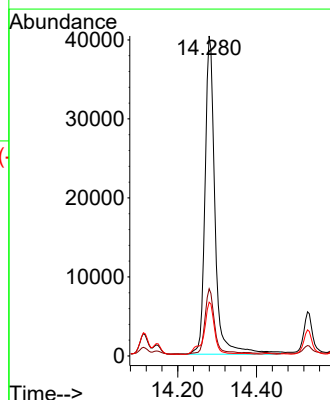
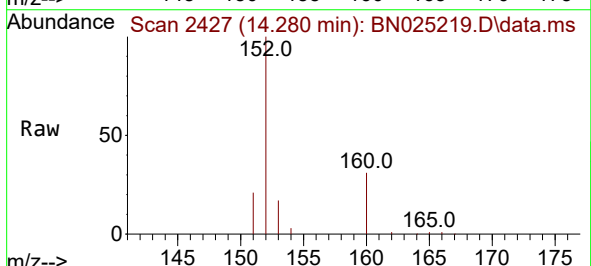
Tgt Ion:152 Resp: 70987

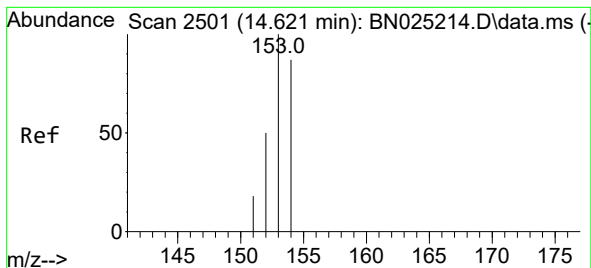
Ion Ratio Lower Upper

152 100

151 21.0 16.0 24.0

153 16.8 10.8 16.2#





#11

Acenaphthene

Concen: 4.541 ng/ul

RT: 14.622 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

Instrument :

BNA_N

ClientSampleId :

EW927

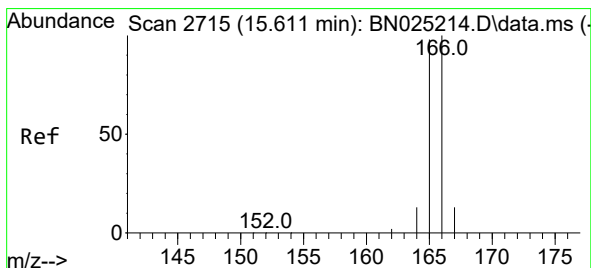
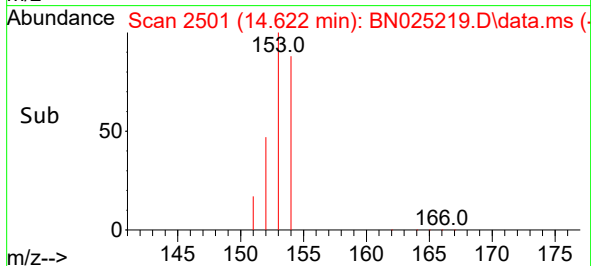
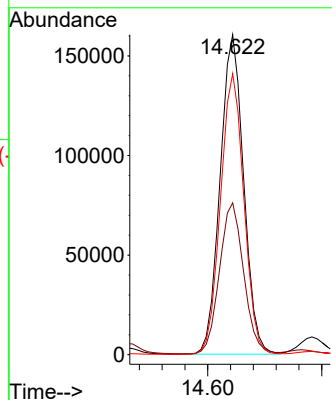
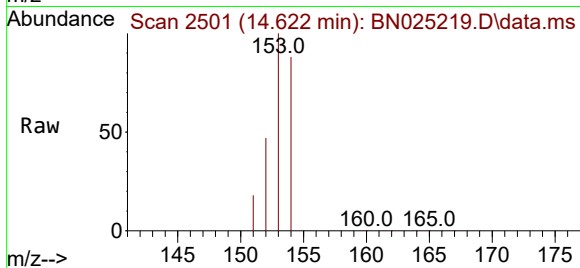
Tgt Ion:153 Resp: 229500

Ion Ratio Lower Upper

153 100

152 47.5 40.2 60.4

154 87.8 69.4 104.2



#12

Fluorene

Concen: 4.328 ng/ul

RT: 15.607 min Scan# 2714

Delta R.T. -0.004 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

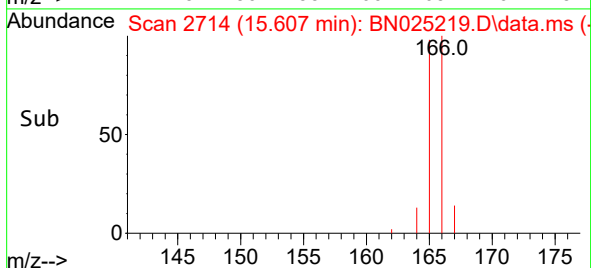
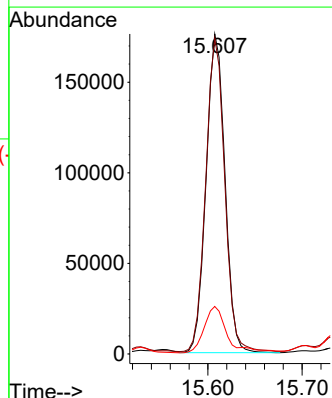
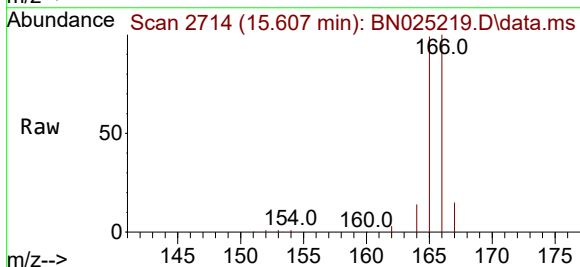
Tgt Ion:166 Resp: 244524

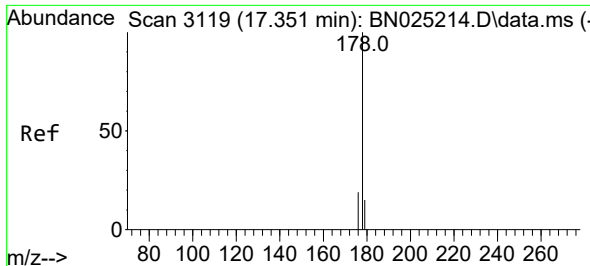
Ion Ratio Lower Upper

166 100

165 98.7 78.1 117.1

167 14.8 11.0 16.6

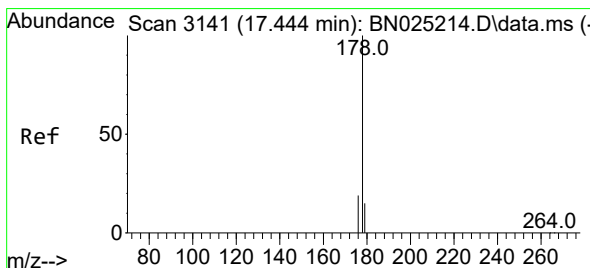
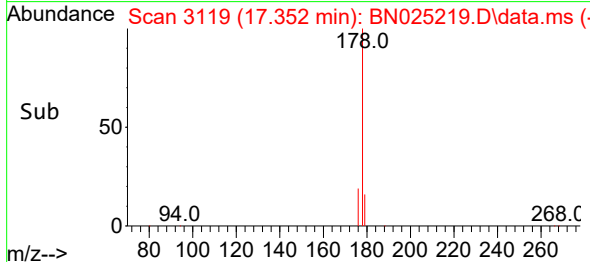
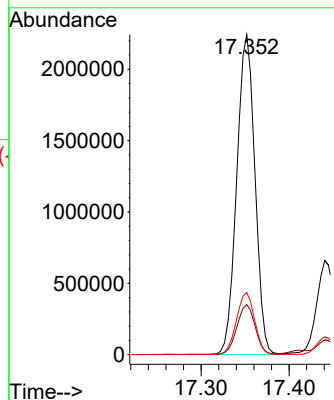
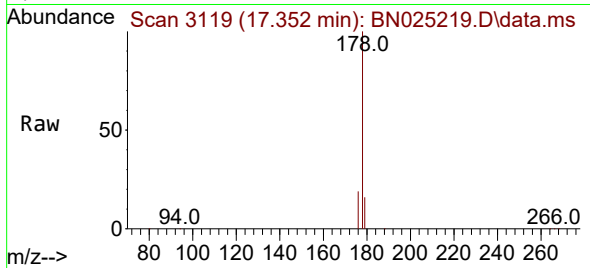




#15
Phenanthrene
Concen: 29.934 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

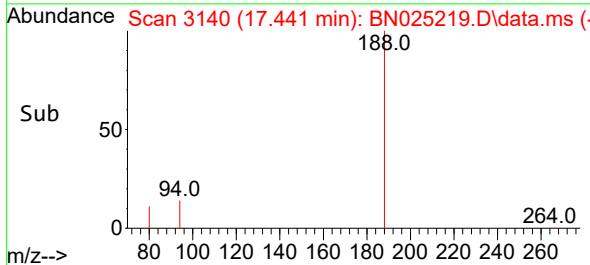
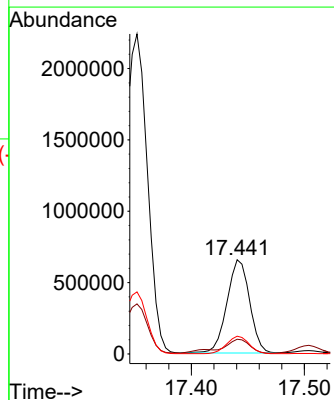
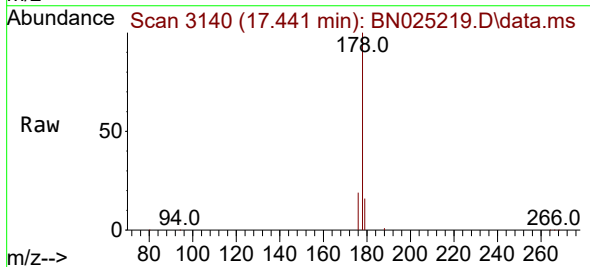
Instrument :
BNA_N
ClientSampleId :
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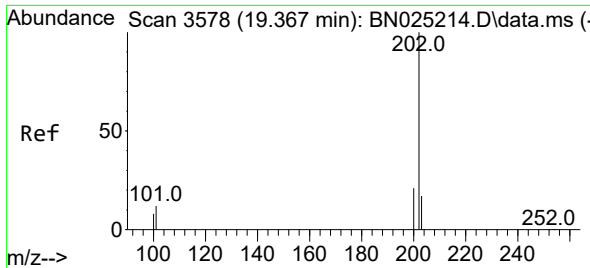
Tgt Ion:178 Resp: 3217181
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.6 23.4



#16
Anthracene
Concen: 10.317 ng/ul
RT: 17.441 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

Tgt Ion:178 Resp: 907137
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.8 15.3 22.9

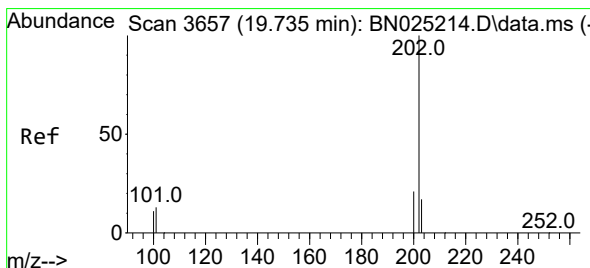
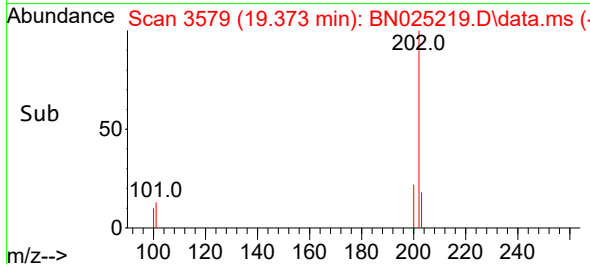
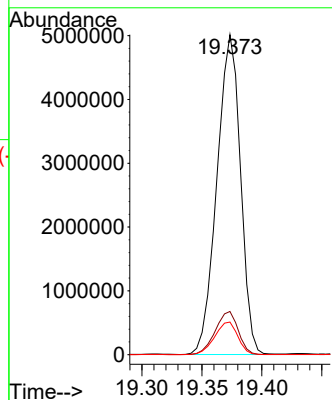
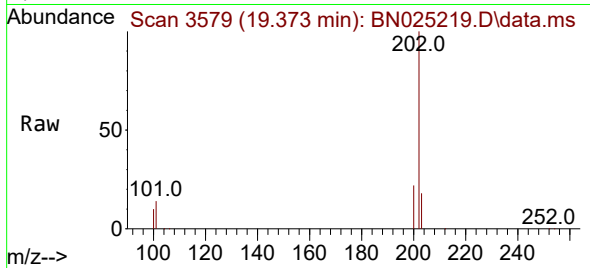




#19
Fluoranthene
Concen: 67.648 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. 0.006 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

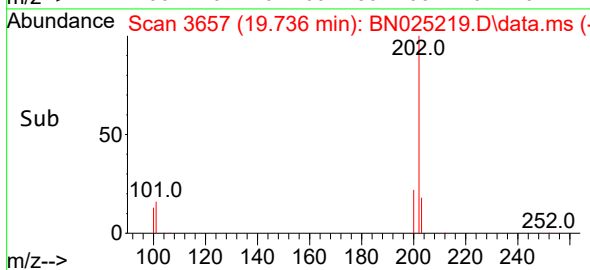
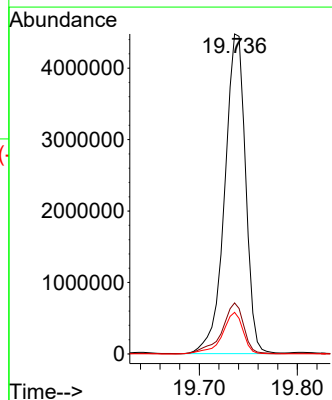
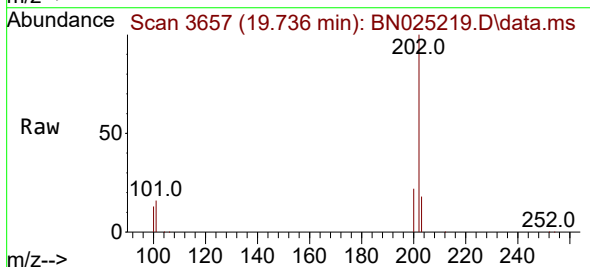
Instrument :
BNA_N
ClientSampleId :
EW927

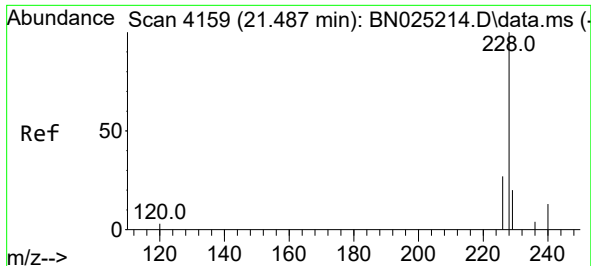
Tgt Ion:202 Resp: 6855176
Ion Ratio Lower Upper
202 100
101 13.5 9.7 14.5
100 10.2 7.3 10.9



#20
Pyrene
Concen: 63.667 ng/ul
RT: 19.736 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

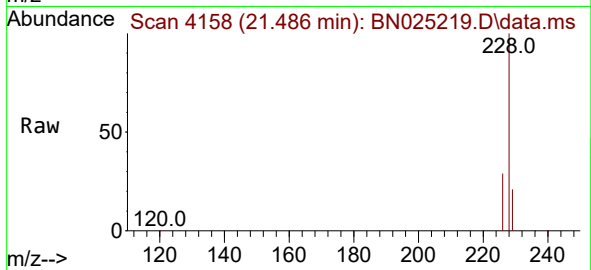
Tgt Ion:202 Resp: 6628817
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 13.0 9.2 13.8



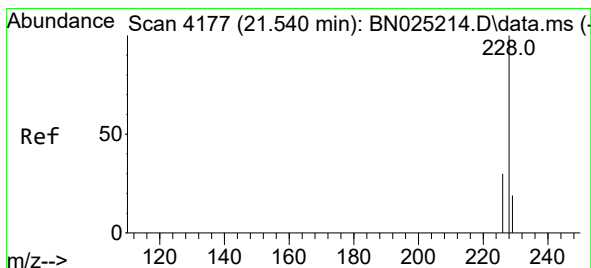
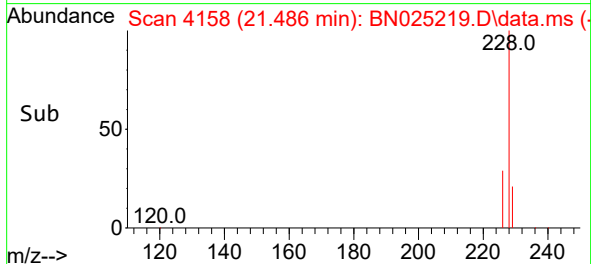
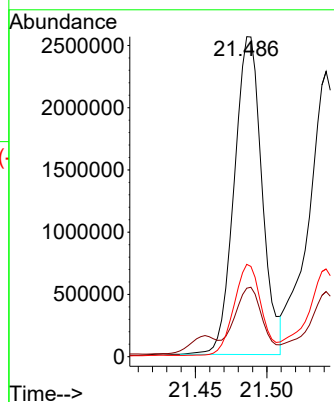


#21
Benzo(a)anthracene
Concen: 40.771 ng/ul
RT: 21.486 min Scan# 4158
Delta R.T. -0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

Instrument :
BNA_N
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EW927

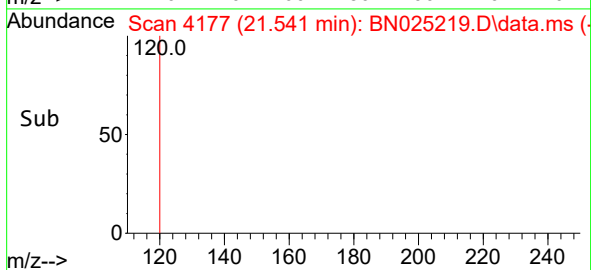
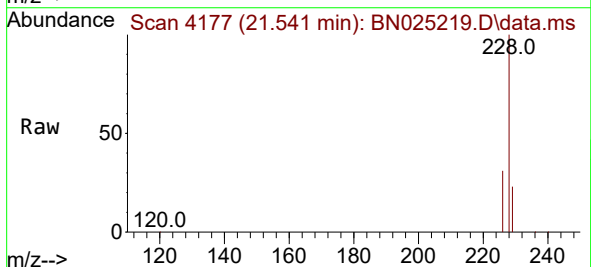
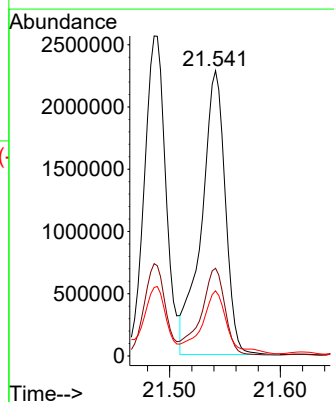


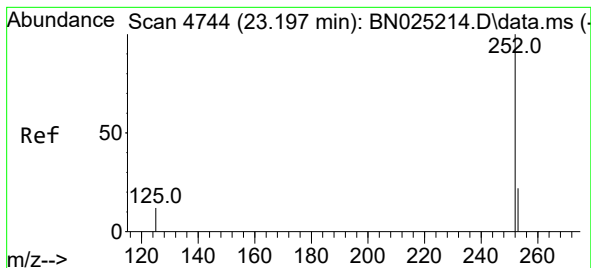
Tgt Ion:228 Resp: 3442885
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.9 22.1 33.1



#22
Chrysene
Concen: 36.836 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

Tgt Ion:228 Resp: 3393190
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.8 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 45.889 ng/ul

RT: 23.204 min Scan# 41

Delta R.T. 0.007 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

Instrument :

BNA_N

ClientSampleId :

EW927

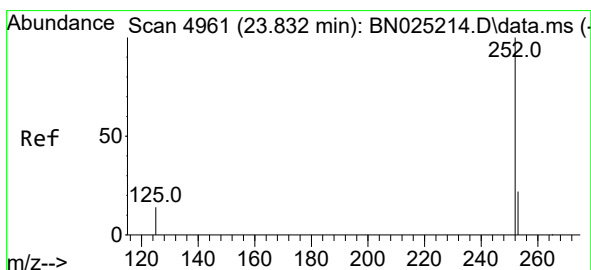
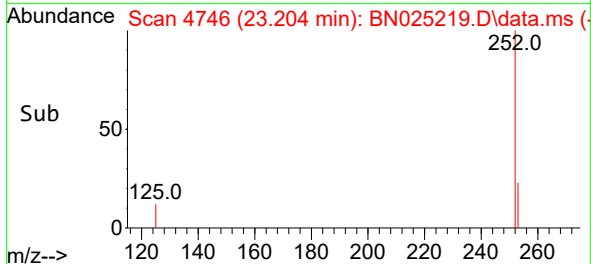
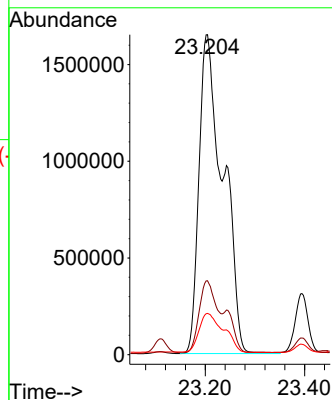
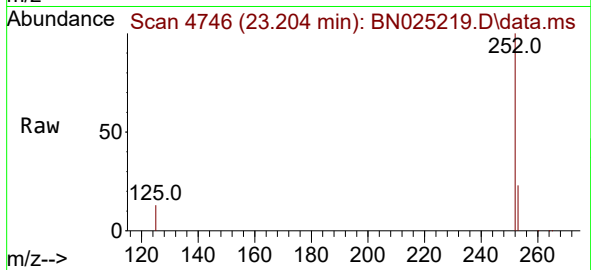
Tgt Ion:252 Resp: 5538998

Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.2

125 12.9 0.0 30.4



#26

Benzo(a)pyrene

Concen: 30.650 ng/ul

RT: 23.845 min Scan# 4965

Delta R.T. 0.013 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

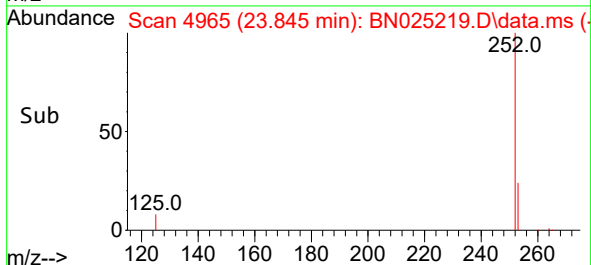
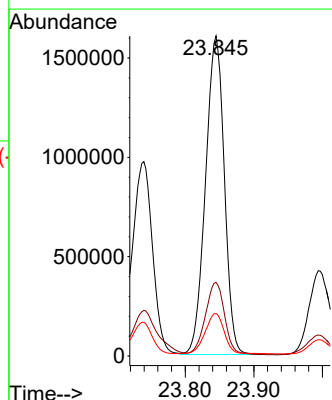
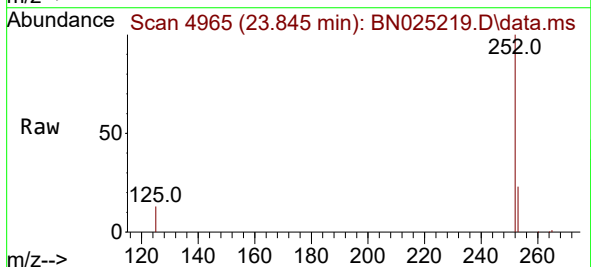
Tgt Ion:252 Resp: 3060999

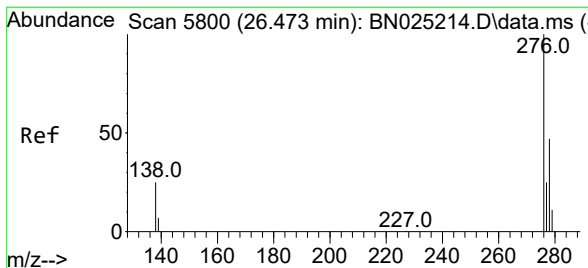
Ion Ratio Lower Upper

252 100

253 23.0 21.4 32.2

125 13.3 14.6 22.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 15.456 ng/ul

RT: 26.498 min Scan# 5807

Delta R.T. 0.025 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

Instrument :

BNA_N

ClientSampleId :

EW927

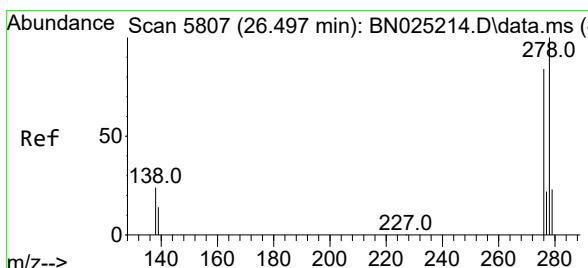
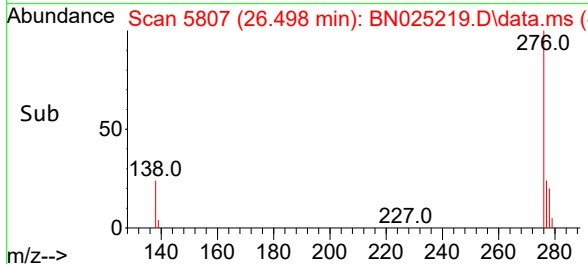
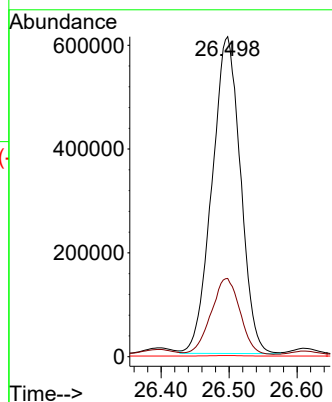
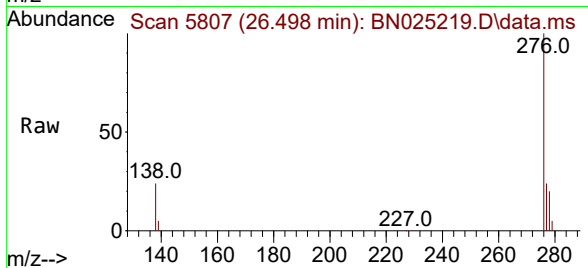
Tgt Ion:276 Resp: 1778509

Ion Ratio Lower Upper

276 100

138 24.1 21.9 32.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 4.499 ng/ul

RT: 26.508 min Scan# 5810

Delta R.T. 0.011 min

Lab File: BN025219.D

Acq: 02 May 2023 14:24

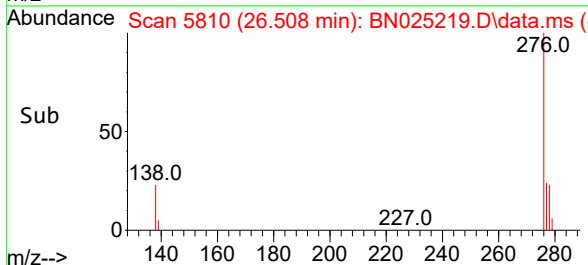
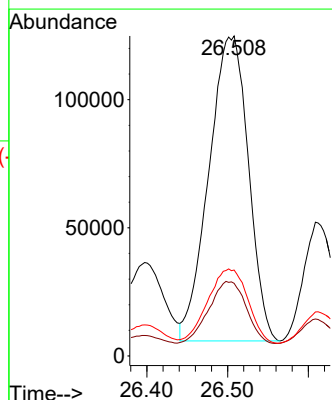
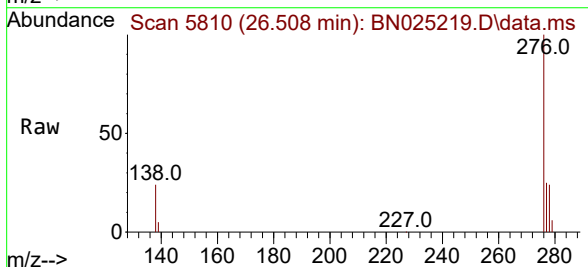
Tgt Ion:278 Resp: 404396

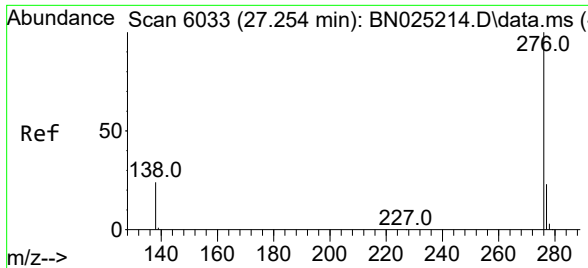
Ion Ratio Lower Upper

278 100

139 22.7 17.0 25.6

279 26.9 21.8 32.8





#29

Benzo(g,h,i)perylene

Concen: 15.545 ng/ul

RT: 27.286 min Scan# 6042

Delta R.T. 0.032 min

Lab File: BN025219.D

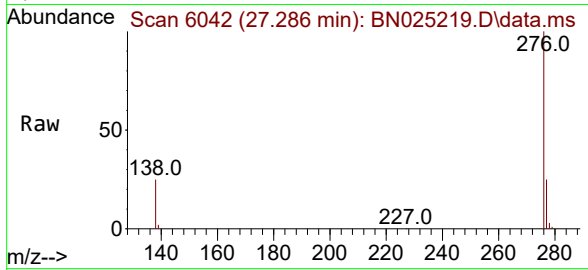
Acq: 02 May 2023 14:24

Instrument :

BNA_N

ClientSampleId :

EW927



Tgt Ion:276 Resp: 1520928

Ion Ratio Lower Upper

276 100

138 25.0 20.3 30.5

277 24.6 19.8 29.6

