

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
 Data File : BN025267.D
 Acq On : 04 May 2023 16:33
 Operator : CG/JU
 Sample : 02447-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW915

Quant Time: May 05 04:47:11 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)

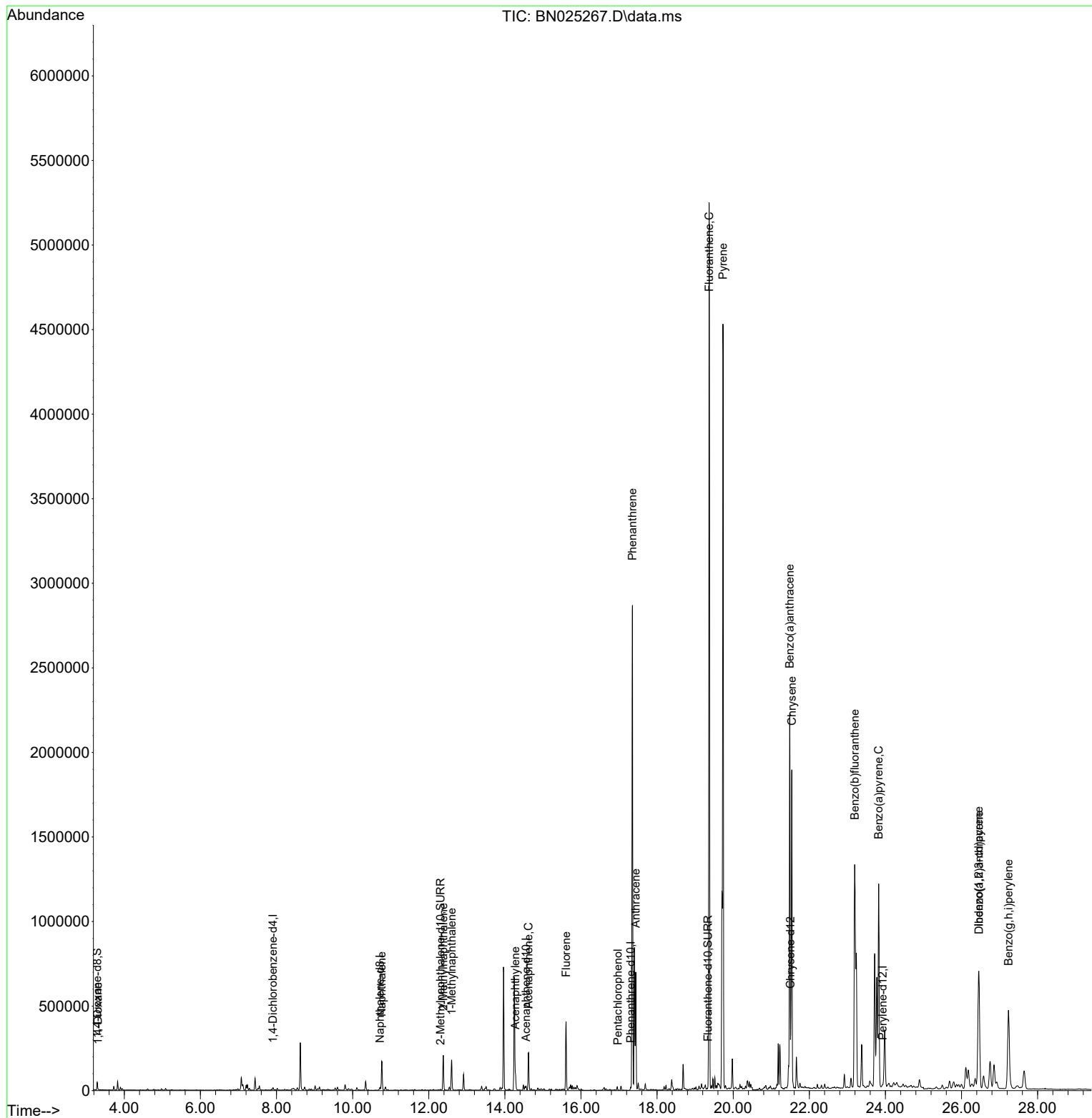
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	7259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	22036	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	13742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	20664	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	16250	0.400	ng/ul	# 0.00
23) Perylene-d12	23.927	264	22162	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	24334	3.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6561	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	10605	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	167	0.021	ng/ul#	1
5) Naphthalene	10.765	128	217076	3.845	ng/ul	100
7) 2-Methylnaphthalene	12.381	142	141034	4.078	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	120128	3.259	ng/ul	100
10) Acenaphthylene	14.279	152	118541	2.316	ng/ul	98
11) Acenaphthene	14.617	153	117725	2.728	ng/ul	99
12) Fluorene	15.607	166	246370	5.107	ng/ul	100
14) Pentachlorophenol	16.968	266	483	0.119	ng/ul	97
15) Phenanthrene	17.352	178	3102379	53.190	ng/ul	100
16) Anthracene	17.440	178	709490	14.869	ng/ul	99
19) Fluoranthene	19.369	202	4467588	76.027	ng/ul	96
20) Pyrene	19.731	202	3653382	60.511	ng/ul	96
21) Benzo(a)anthracene	21.486	228	1954470	39.914	ng/ul	98
22) Chrysene	21.541	228	1866962	34.951	ng/ul	98
24) Benzo(b)fluoranthene	23.193	252	3247818	36.121	ng/ul	95
26) Benzo(a)pyrene	23.824	252	1677619	22.551	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.454	276	1167833	13.625	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.461	278	319899	4.778	ng/ul	99
29) Benzo(g,h,i)perylene	27.232	276	1007637	13.825	ng/ul	99

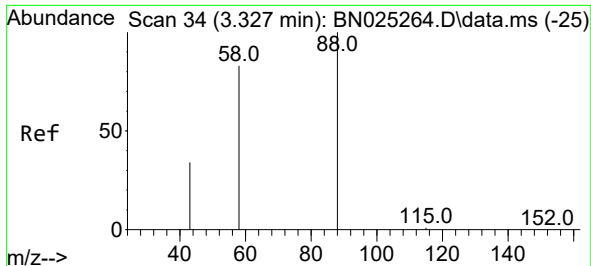
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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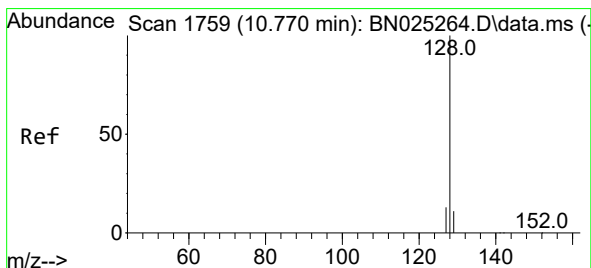
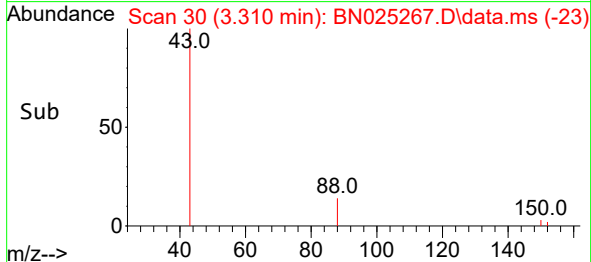
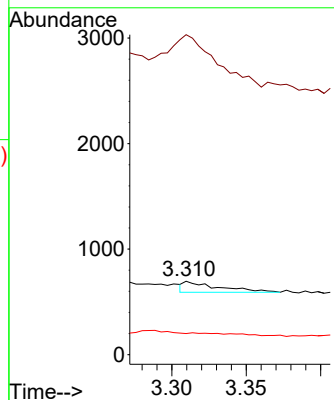
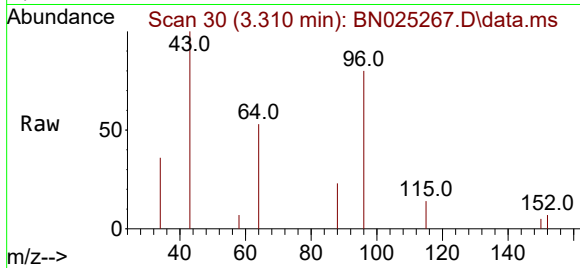




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.021 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

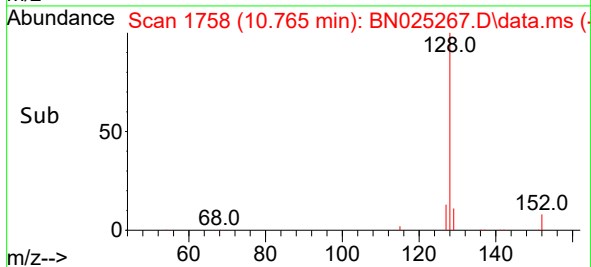
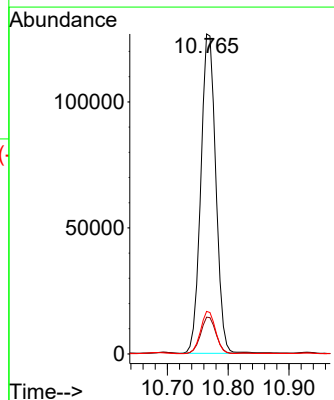
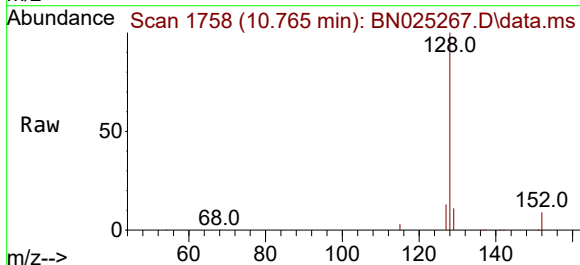
Instrument :
BNA_N
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EW915

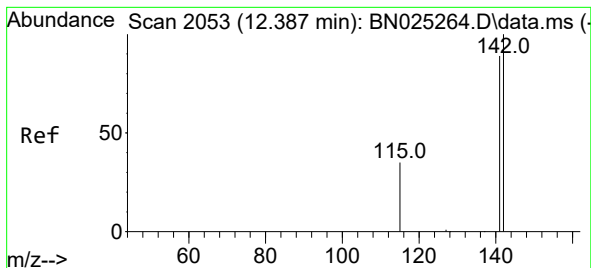
Tgt Ion: 88 Resp: 167
Ion Ratio Lower Upper
88 100
43 435.6 37.0 55.4#
58 28.7 56.9 85.3#



#5
Naphthalene
Concen: 3.845 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:128 Resp: 217076
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.7 16.1

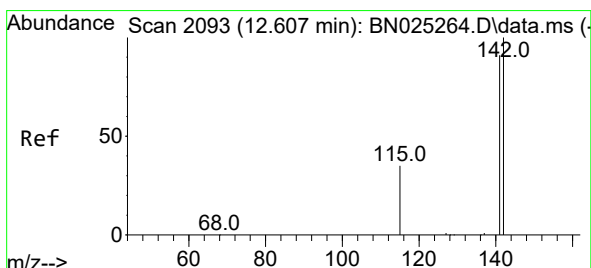
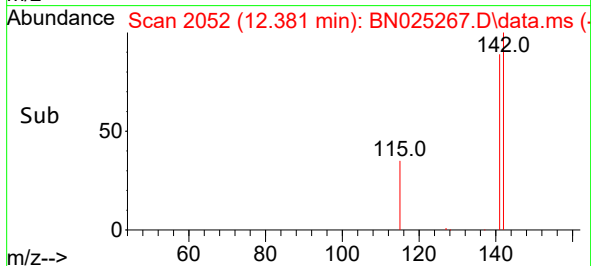
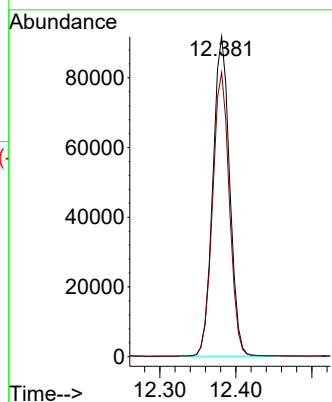
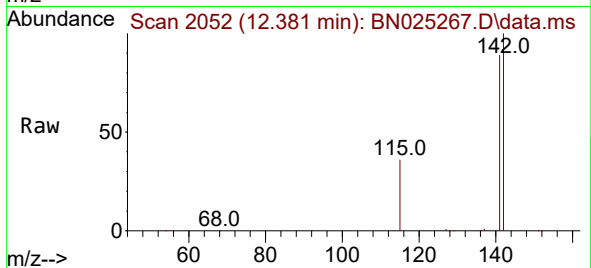




#7
2-Methylnaphthalene
Concen: 4.078 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

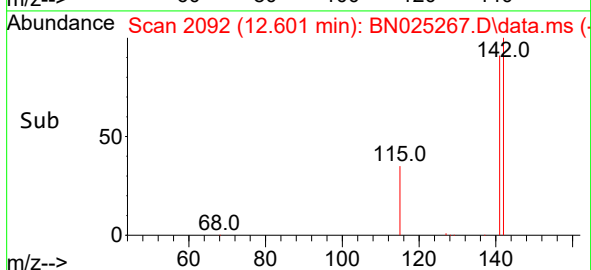
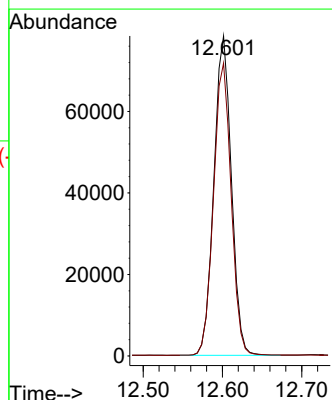
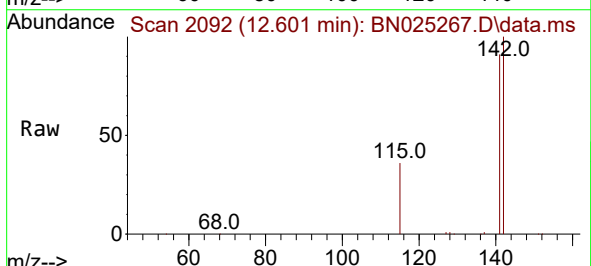
Instrument :
BNA_N
ClientSampleId :
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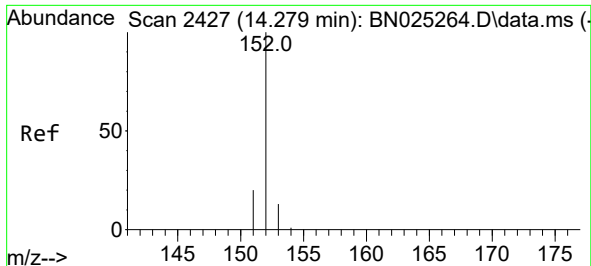
Tgt Ion:142 Resp: 141034
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 3.259 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:142 Resp: 120128
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

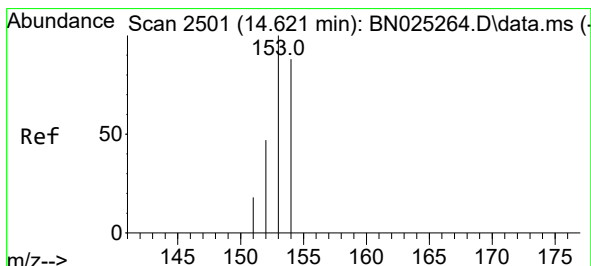
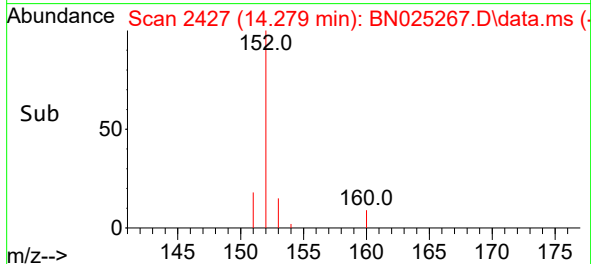
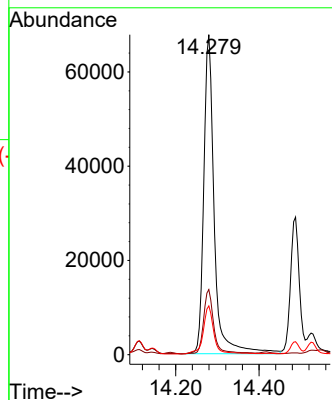
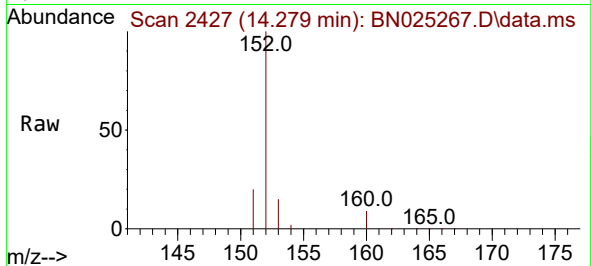




#10
Acenaphthylene
Concen: 2.316 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. 0.002 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

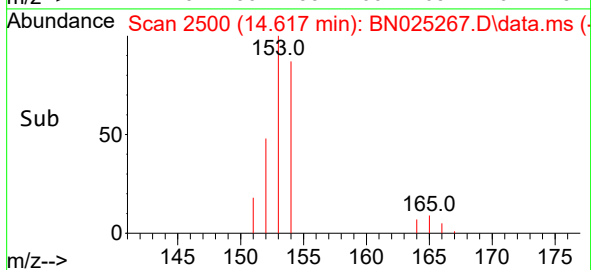
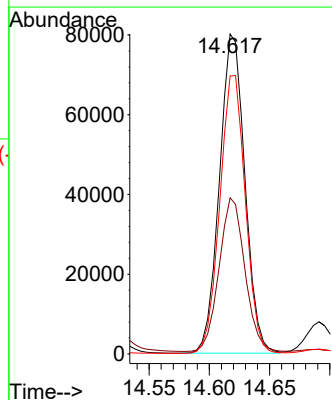
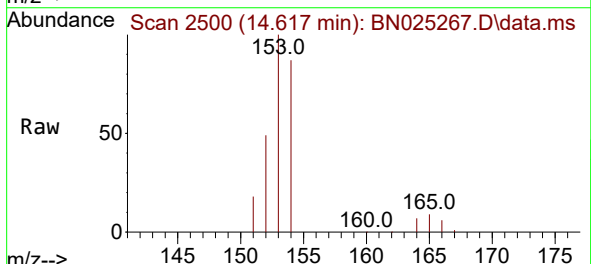
Instrument :
BNA_N
ClientSampleId :
EW915

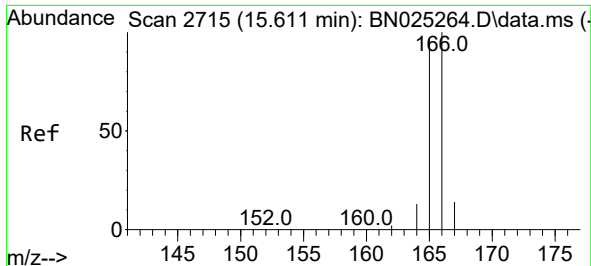
Tgt Ion:152 Resp: 118541
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 15.3 10.8 16.2



#11
Acenaphthene
Concen: 2.728 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. -0.003 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:153 Resp: 117725
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 86.8 69.4 104.2

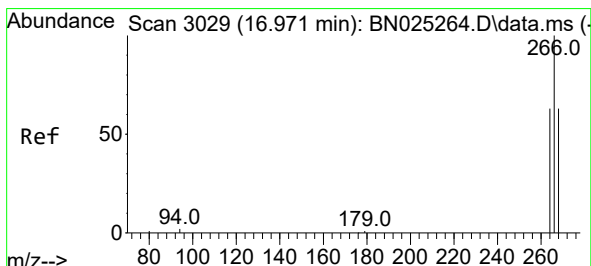
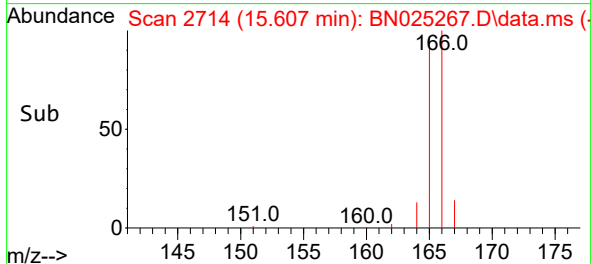
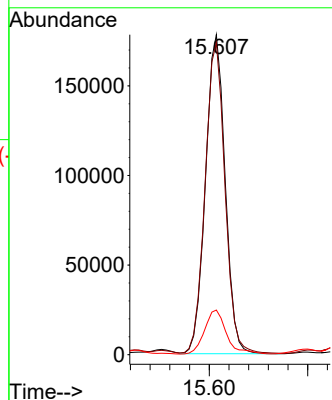
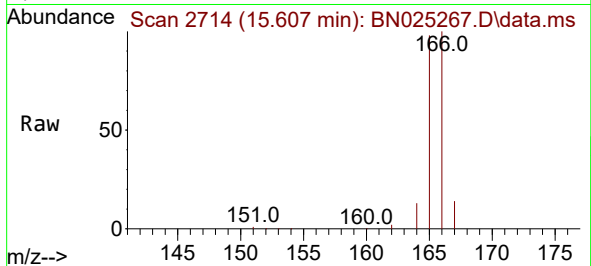




#12
Fluorene
Concen: 5.107 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

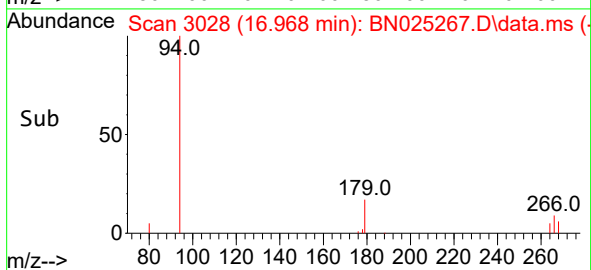
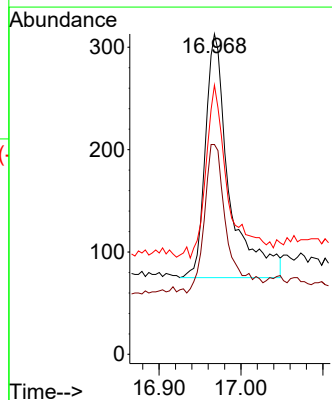
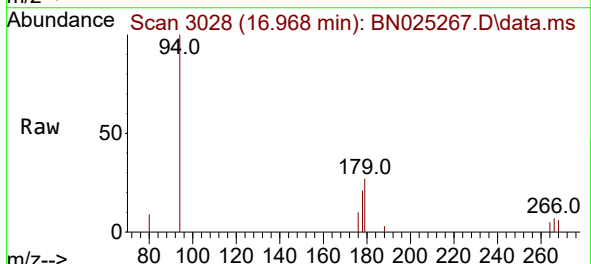
Instrument :
BNA_N
ClientSampleId :
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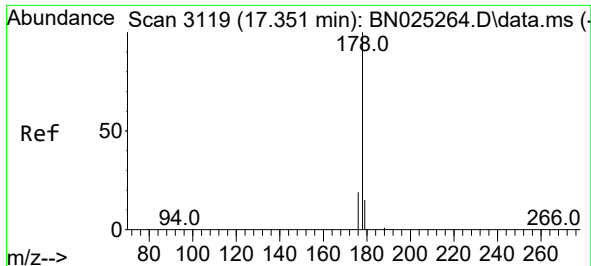
Tgt Ion:166 Resp: 246370
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.119 ng/ul
RT: 16.968 min Scan# 3028
Delta R.T. 0.002 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:266 Resp: 483
Ion Ratio Lower Upper
266 100
264 58.6 49.6 74.4
268 65.8 51.3 76.9

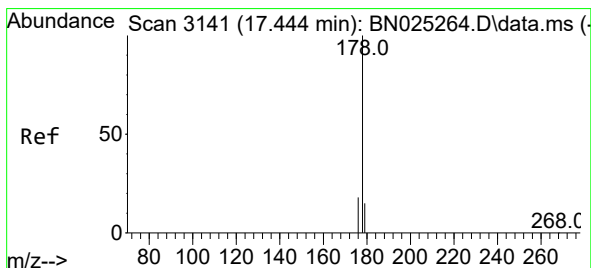
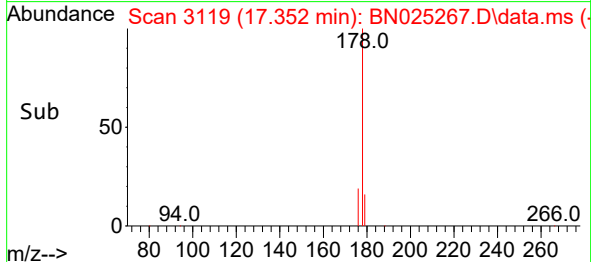
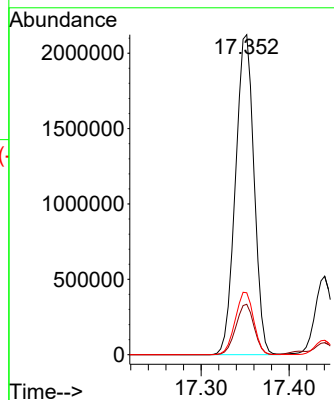
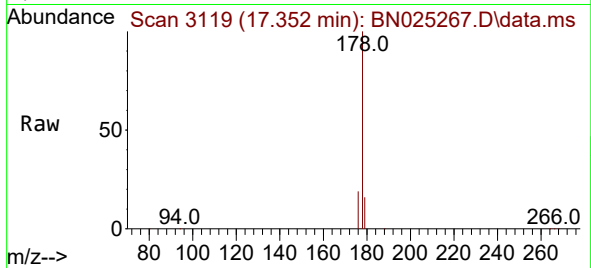




#15
Phenanthrene
Concen: 53.190 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

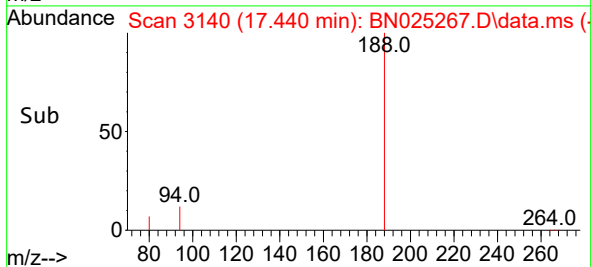
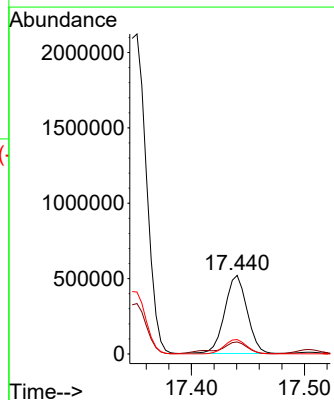
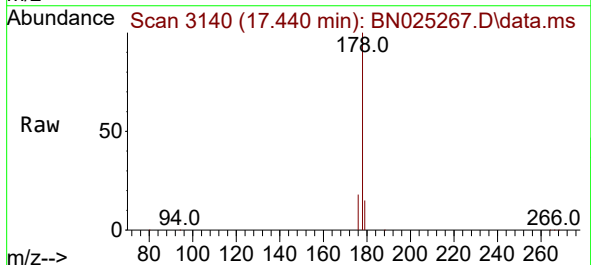
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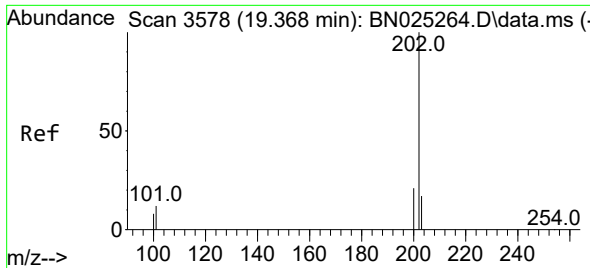
Tgt Ion:178 Resp: 3102379
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.6 23.4



#16
Anthracene
Concen: 14.869 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:178 Resp: 709490
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 18.4 15.3 22.9

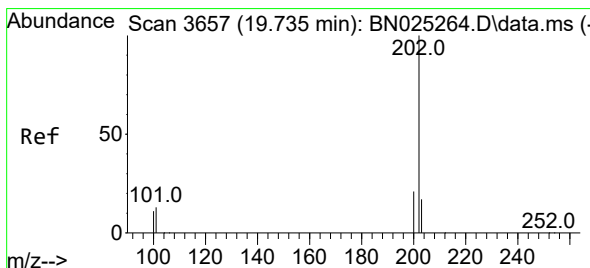
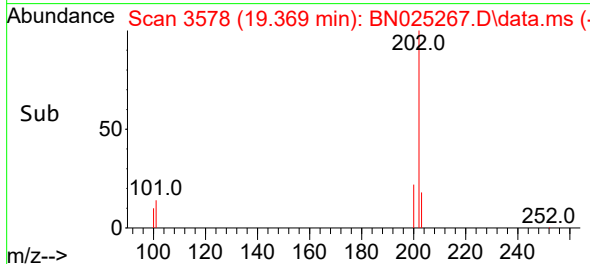
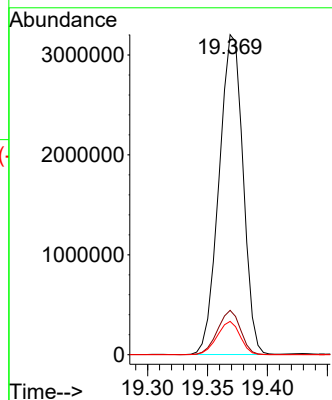
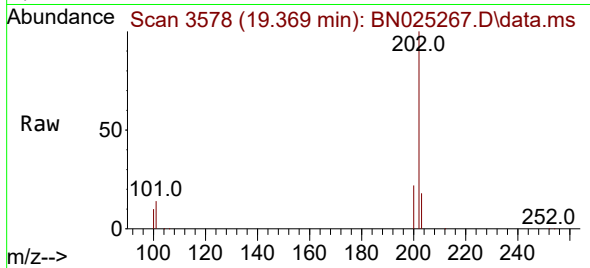




#19
Fluoranthene
Concen: 76.027 ng/ul
RT: 19.369 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

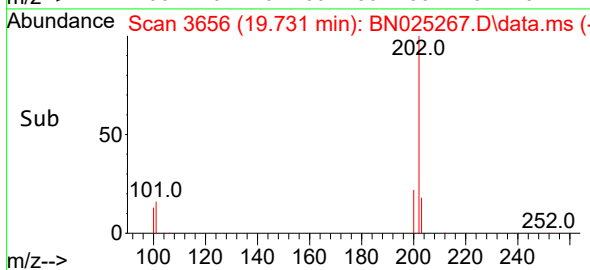
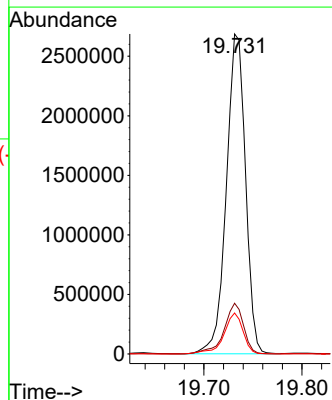
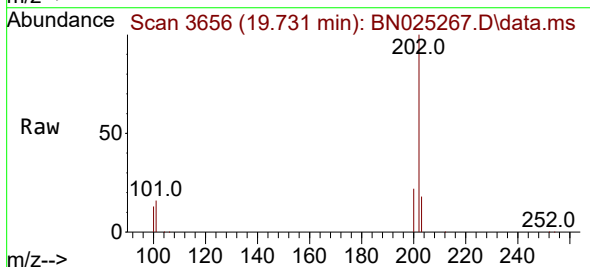
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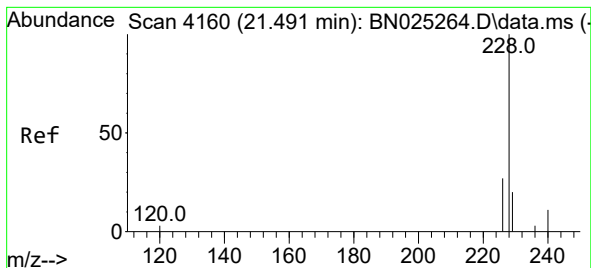
Tgt Ion:202 Resp: 4467588
Ion Ratio Lower Upper
202 100
101 13.8 9.7 14.5
100 10.4 7.3 10.9



#20
Pyrene
Concen: 60.511 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.003 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:202 Resp: 3653382
Ion Ratio Lower Upper
202 100
101 15.8 11.3 16.9
100 12.8 9.2 13.8





#21

Benzo(a)anthracene

Concen: 39.914 ng/ul

RT: 21.486 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN025267.D

Acq: 04 May 2023 16:33

Instrument :

BNA_N

ClientSampleId :

EW915

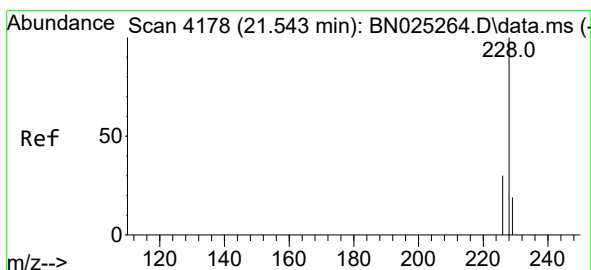
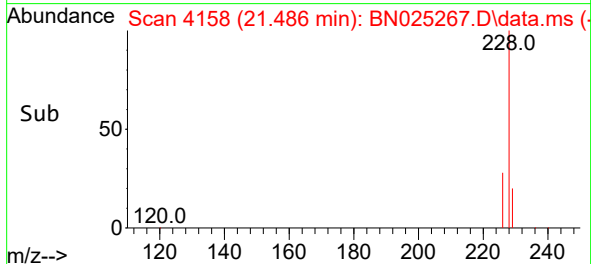
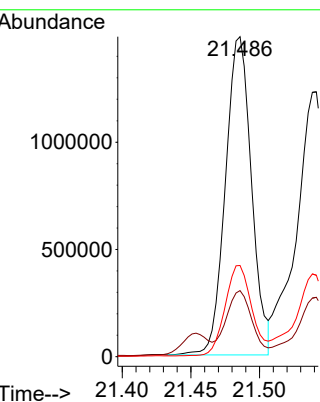
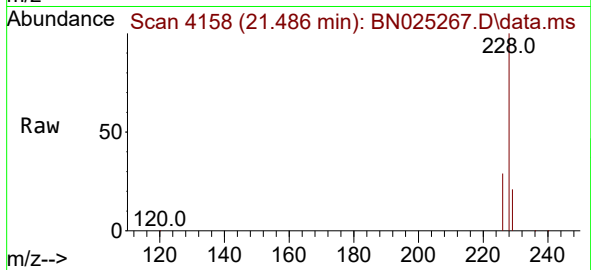
Tgt Ion:228 Resp: 1954470

Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

226 28.5 22.1 33.1



#22

Chrysene

Concen: 34.951 ng/ul

RT: 21.541 min Scan# 4177

Delta R.T. 0.002 min

Lab File: BN025267.D

Acq: 04 May 2023 16:33

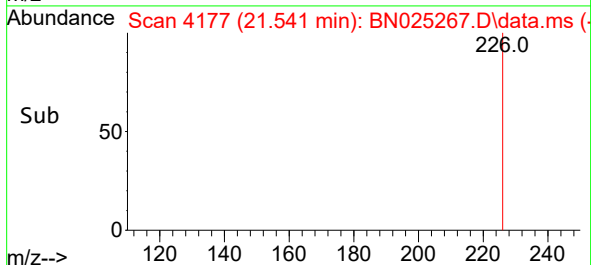
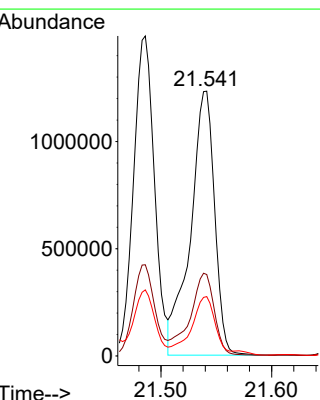
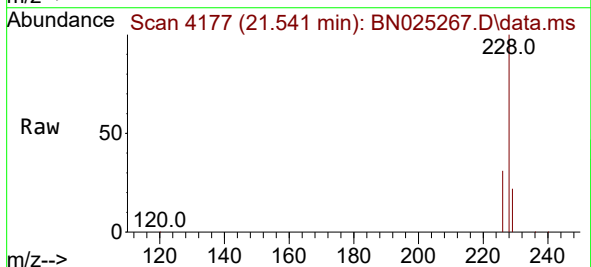
Tgt Ion:228 Resp: 1866962

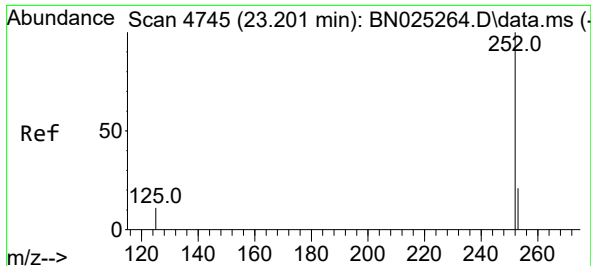
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

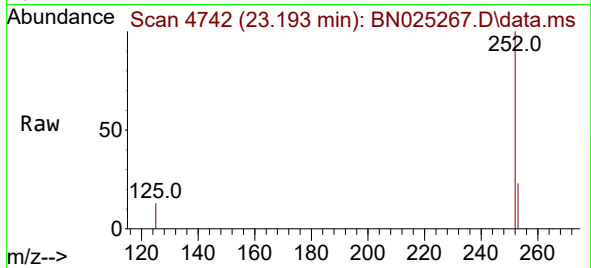
229 22.4 15.8 23.6



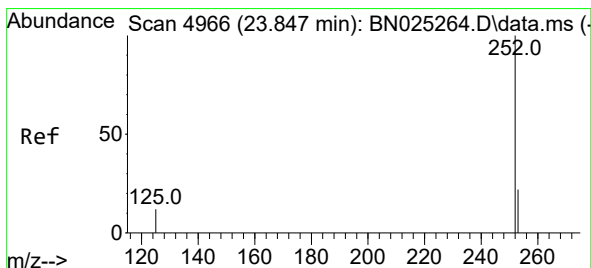
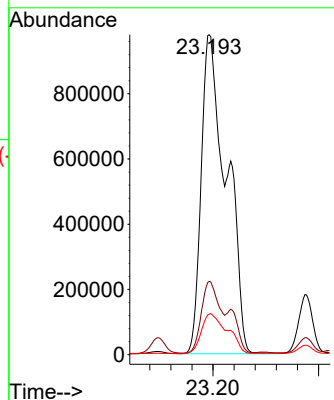


#24
Benzo(b)fluoranthene
Concen: 36.121 ng/ul
RT: 23.193 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Instrument :
BNA_N
ClientSampleId :
EW915

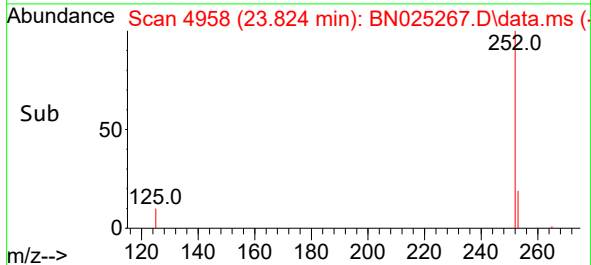
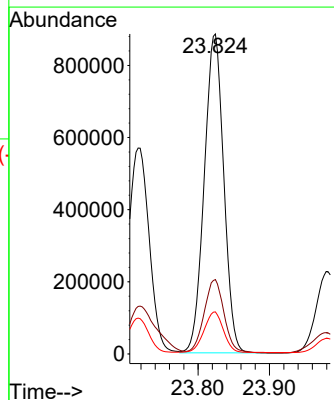
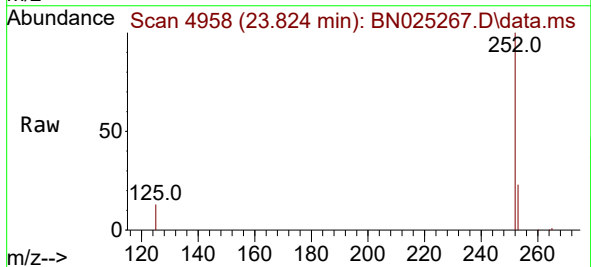


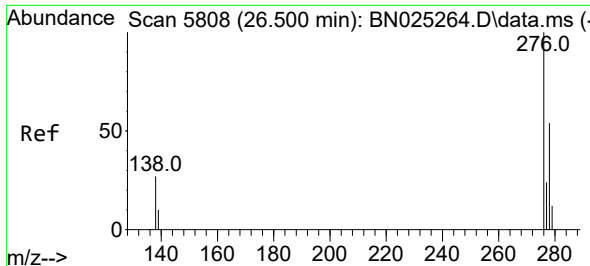
Tgt Ion:252 Resp: 3247818
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 12.7 0.0 30.4



#26
Benzo(a)pyrene
Concen: 22.551 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. -0.004 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

Tgt Ion:252 Resp: 1677619
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 13.2 14.6 22.0#

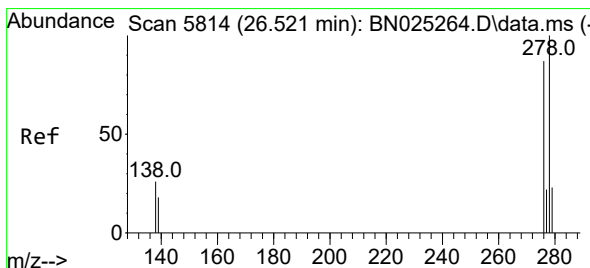
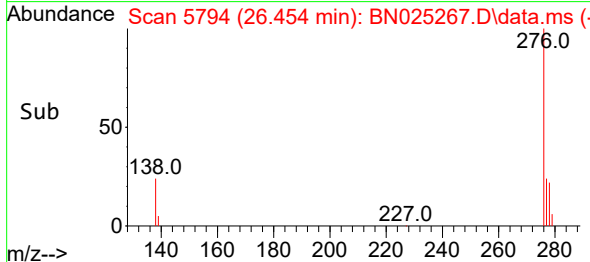
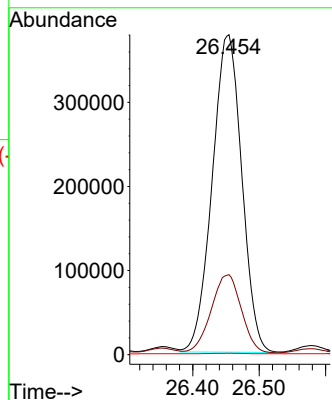
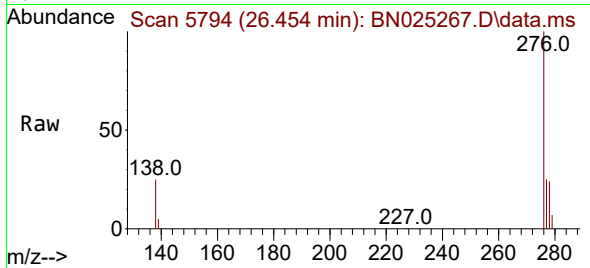




#27
Indeno(1,2,3-cd)pyrene
Concen: 13.625 ng/ul
RT: 26.454 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

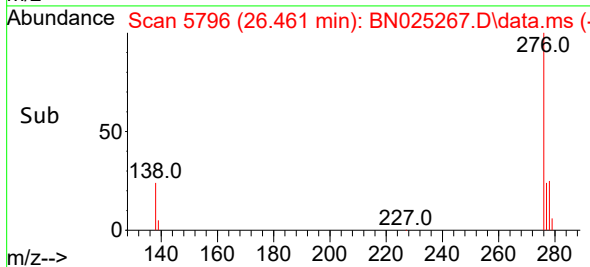
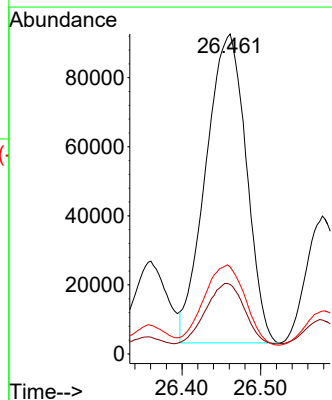
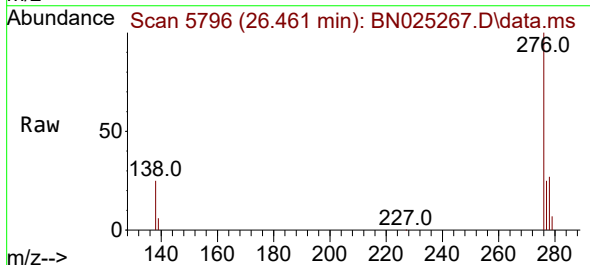
Instrument :
BNA_N
ClientSampleId :
EW915

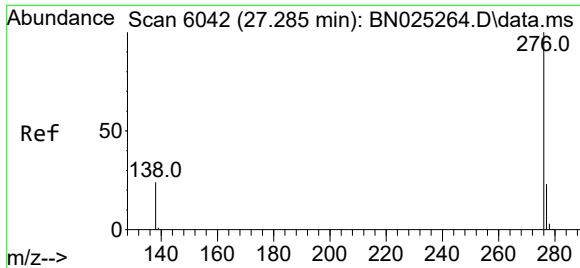
Tgt Ion:276 Resp: 1167833
Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 4.778 ng/ul
RT: 26.461 min Scan# 5796
Delta R.T. -0.031 min
Lab File: BN025267.D
Acq: 04 May 2023 16:33

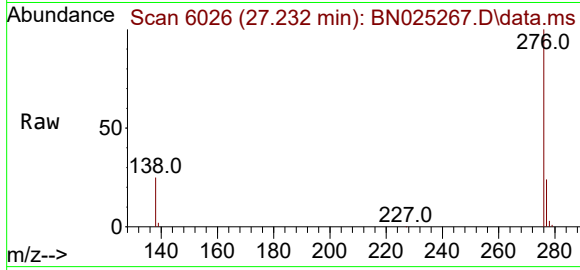
Tgt Ion:278 Resp: 319899
Ion Ratio Lower Upper
278 100
139 21.7 17.0 25.6
279 27.2 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 13.825 ng/ul
 RT: 27.232 min Scan# 60
 Delta R.T. -0.028 min
 Lab File: BN025267.D
 Acq: 04 May 2023 16:33

Instrument :
 BNA_N
 ClientSampleId :
 EW915



Tgt Ion:276 Resp: 1007637
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.3 30.5
 277 23.9 19.8 29.6

