

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025259.D
 Acq On : 04 May 2023 02:52
 Operator : CG/JU
 Sample : 02447-15DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW935DL

Quant Time: May 04 04:33:04 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)

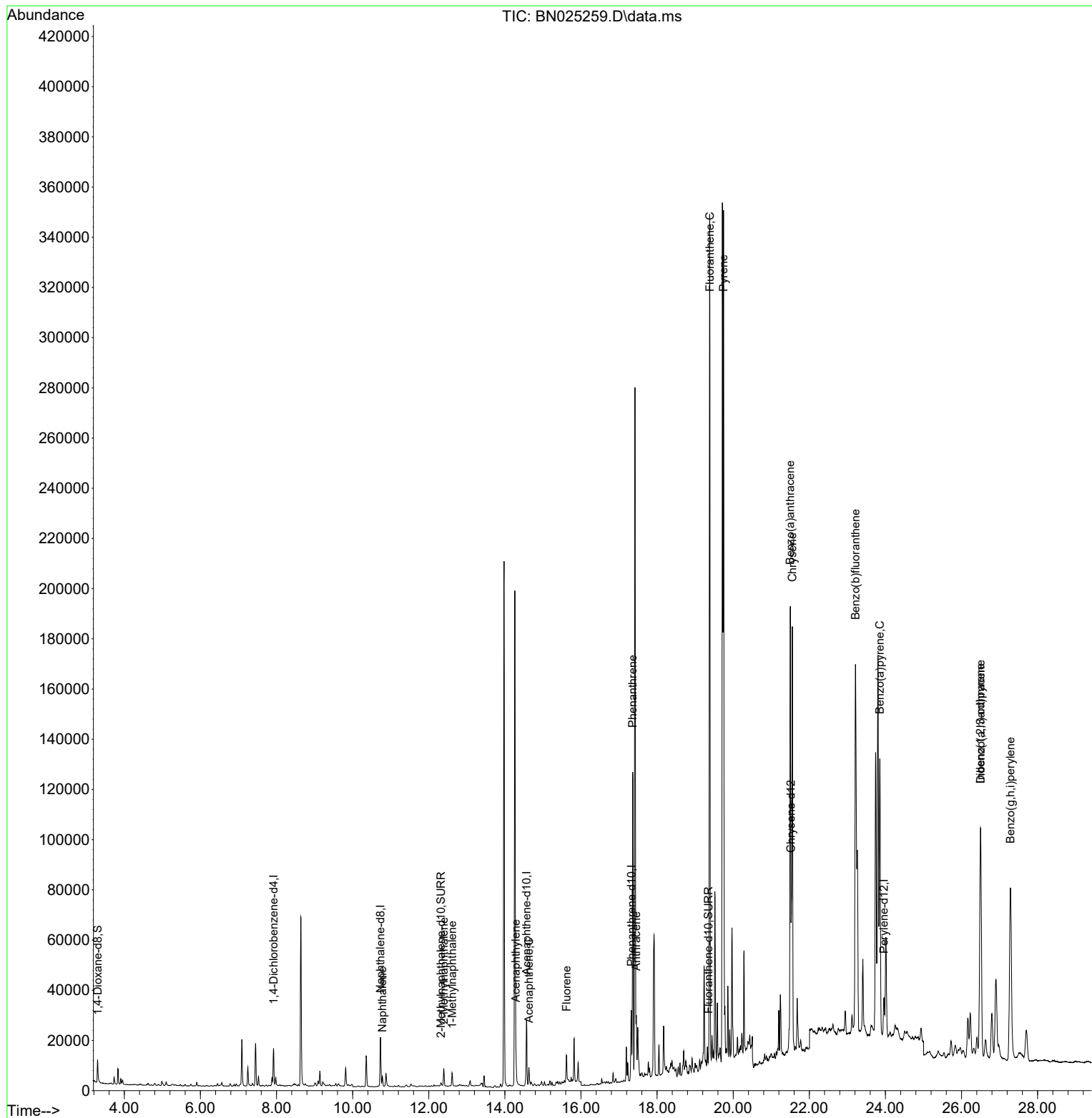
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	7711	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25092	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.571	164	14457	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.322	188	34573	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.515	240	19543	0.400	ng/ul	# 0.01
23) Perylene-d12	23.959	264	19291	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5491	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1823	0.057	ng/ul	0.01
18) Fluoranthene-d10	19.350	212	3783	0.073	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	5331	0.083	ng/ul#	93
7) 2-Methylnaphthalene	12.398	142	5124	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.612	142	3688	0.088	ng/ul	99
10) Acenaphthylene	14.289	152	18215	0.338	ng/ul#	95
11) Acenaphthene	14.631	153	4609	0.102	ng/ul	96
12) Fluorene	15.621	166	7621	0.150	ng/ul#	94
15) Phenanthrene	17.360	178	129990	1.332	ng/ul	100
16) Anthracene	17.453	178	25066	0.314	ng/ul	95
19) Fluoranthene	19.383	202	284402	4.024	ng/ul	99
20) Pyrene	19.745	202	270750	3.729	ng/ul	97
21) Benzo(a)anthracene	21.497	228	159722	2.712	ng/ul	94
22) Chrysene	21.553	228	176618	2.749	ng/ul	95
24) Benzo(b)fluoranthene	23.213	252	355066	4.537	ng/ul	95
26) Benzo(a)pyrene	23.853	252	162257	2.506	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.498	276	154936	2.077	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.501	278	39673	0.681	ng/ul#	69
29) Benzo(g,h,i)perylene	27.286	276	161518	2.546	ng/ul	96

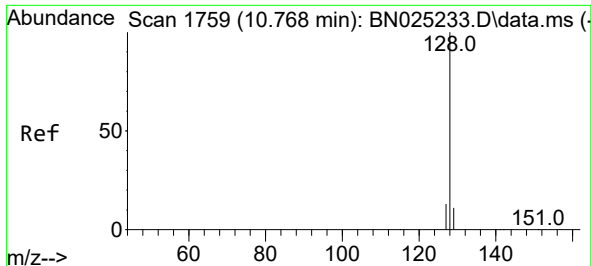
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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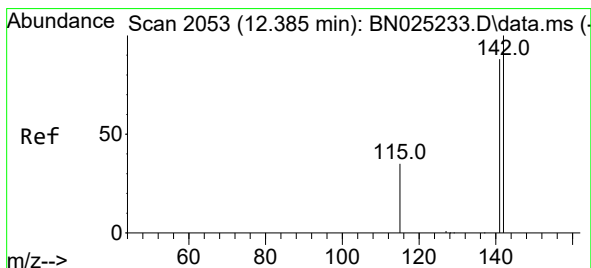
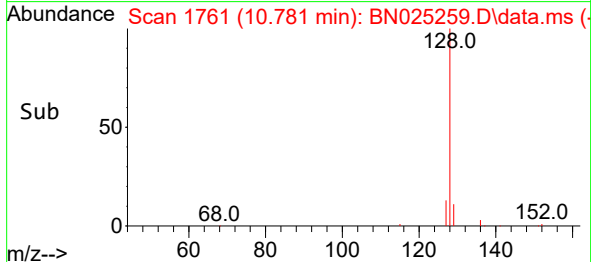
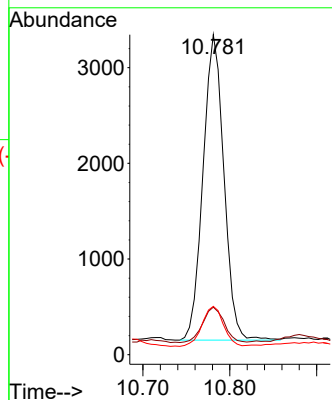
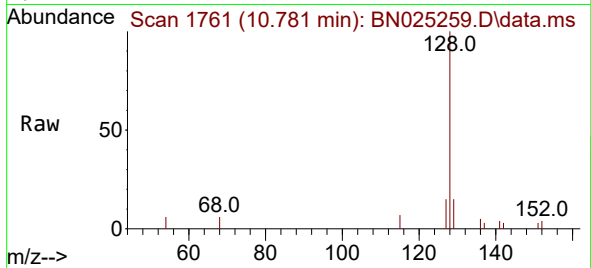




#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

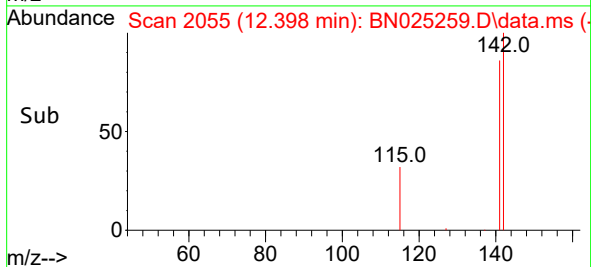
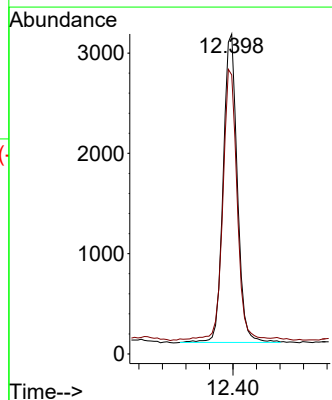
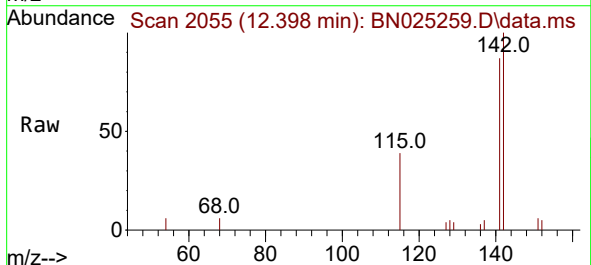
Instrument :
BNA_N
ClientSampleId :
EW935DL

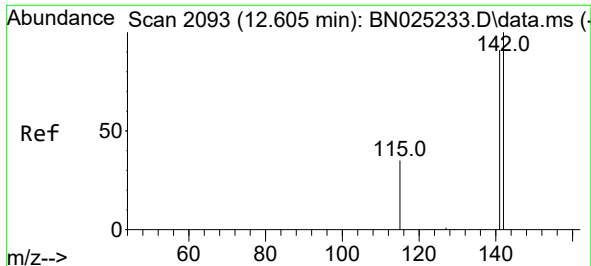
Tgt Ion:128 Resp: 5331
Ion Ratio Lower Upper
128 100
129 14.9 9.0 13.6#
127 15.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. 0.013 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

Tgt Ion:142 Resp: 5124
Ion Ratio Lower Upper
142 100
141 87.2 71.4 107.0

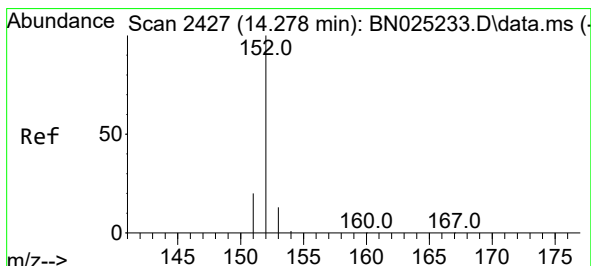
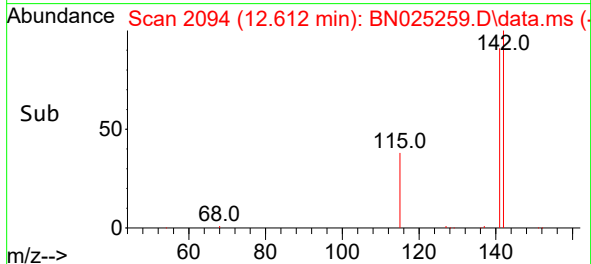
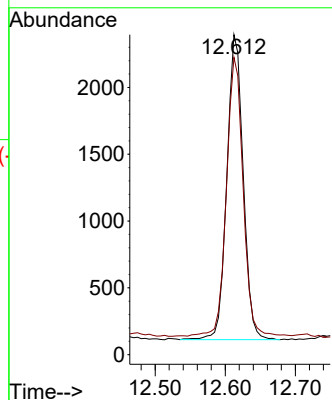
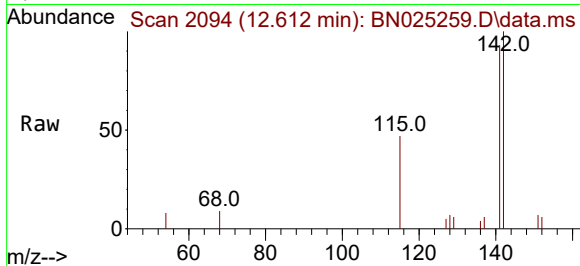




#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

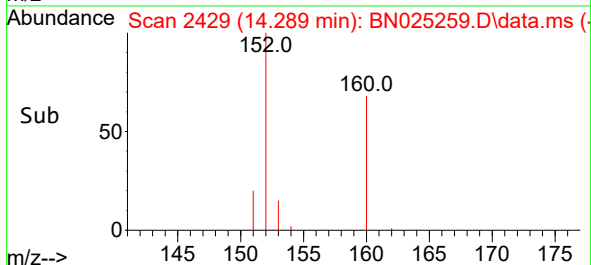
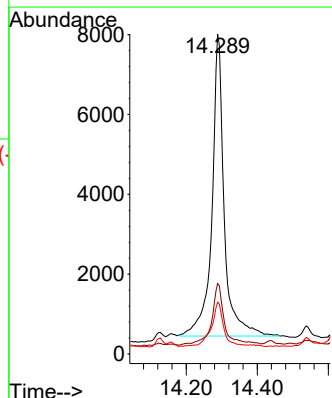
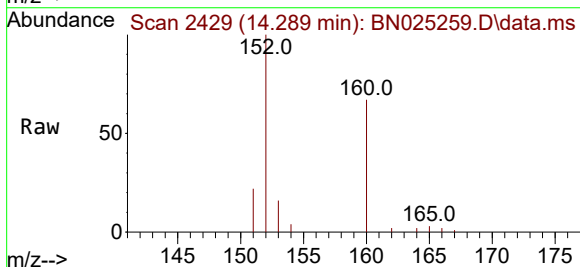
Instrument :
BNA_N
ClientSampleId :
EW935DL

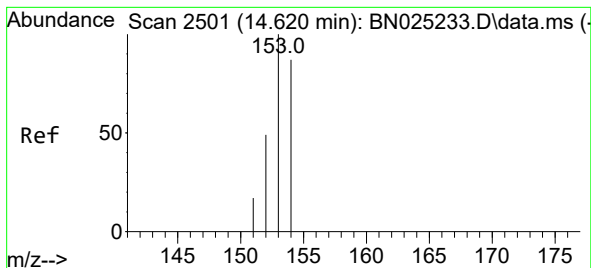
Tgt Ion:142 Resp: 3688
Ion Ratio Lower Upper
142 100
141 92.8 73.8 110.6



#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.289 min Scan# 2429
Delta R.T. 0.011 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

Tgt Ion:152 Resp: 18215
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 16.2 10.8 16.2#





#11

Acenaphthene

Concen: 0.102 ng/ul

RT: 14.631 min Scan# 2503

Delta R.T. 0.011 min

Lab File: BN025259.D

Acq: 04 May 2023 02:52

Instrument :

BNA_N

ClientSampleId :

EW935DL

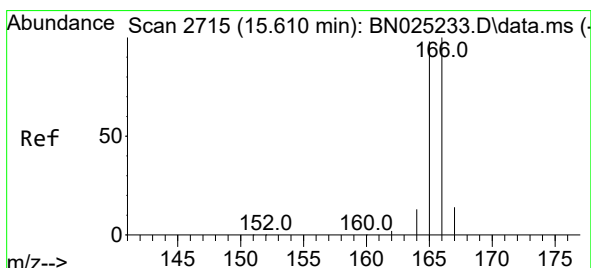
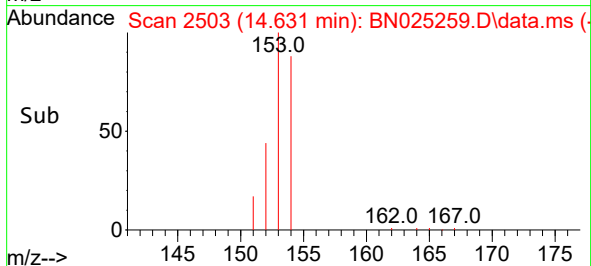
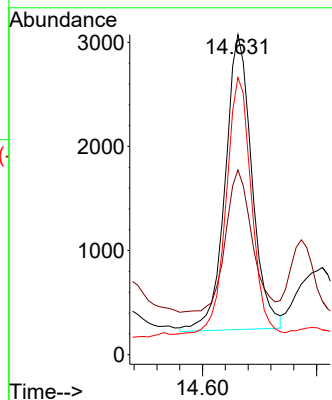
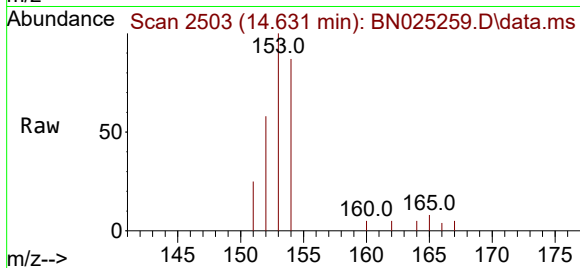
Tgt Ion:153 Resp: 4609

Ion Ratio Lower Upper

153 100

152 57.7 40.2 60.4

154 86.6 69.4 104.2



#12

Fluorene

Concen: 0.150 ng/ul

RT: 15.621 min Scan# 2717

Delta R.T. 0.011 min

Lab File: BN025259.D

Acq: 04 May 2023 02:52

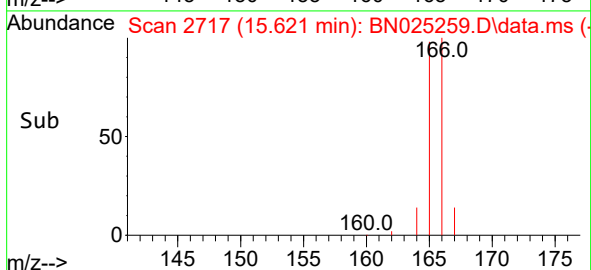
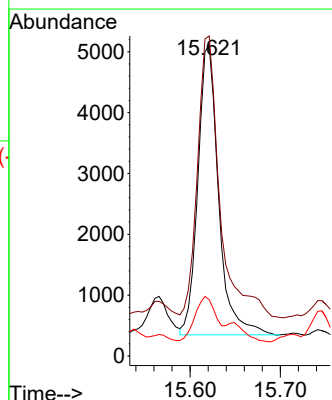
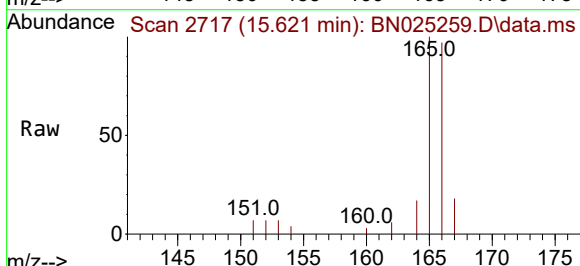
Tgt Ion:166 Resp: 7621

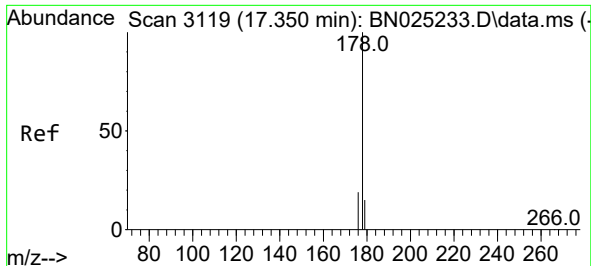
Ion Ratio Lower Upper

166 100

165 102.8 78.1 117.1

167 18.1 11.0 16.6#

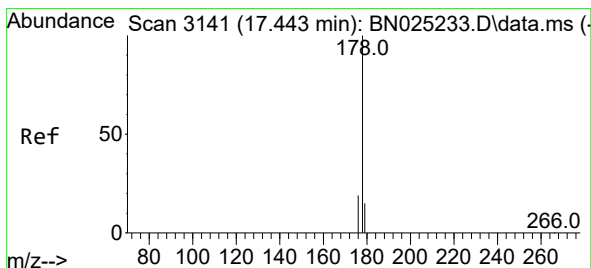
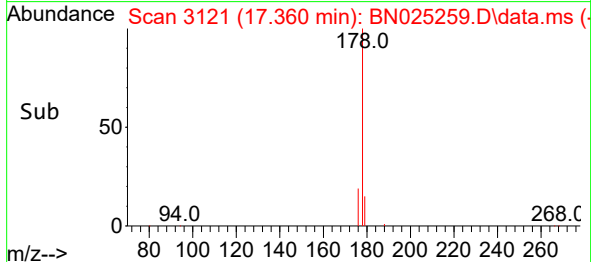
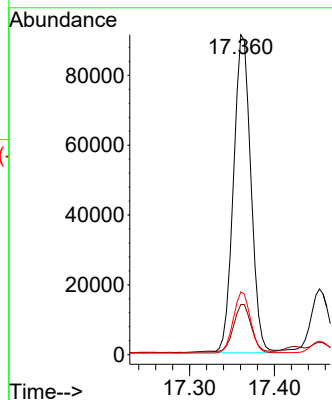
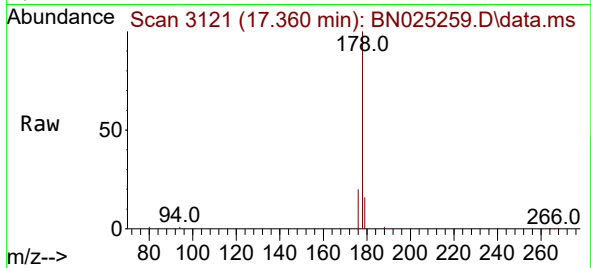




#15
Phenanthrene
Concen: 1.332 ng/ul
RT: 17.360 min Scan# 3119
Delta R.T. 0.010 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

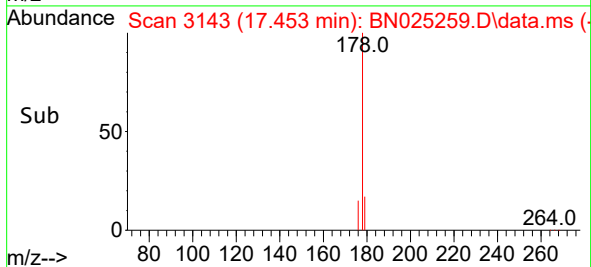
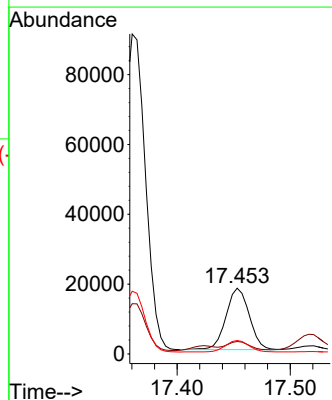
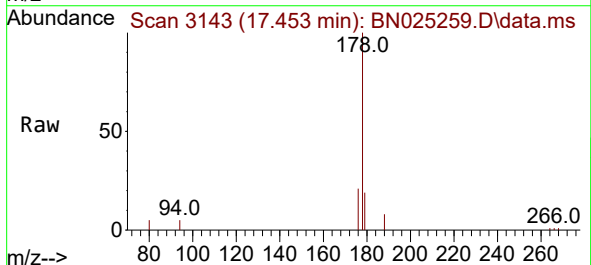
Instrument :
BNA_N
ClientSampleId :
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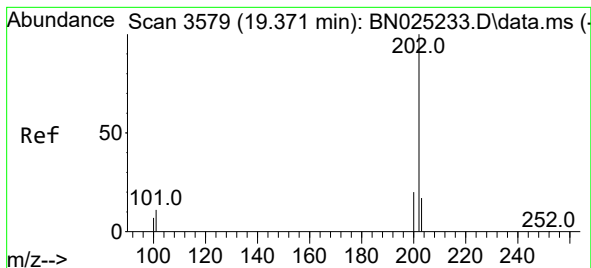
Tgt Ion:178 Resp: 129990
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.453 min Scan# 3143
Delta R.T. 0.010 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

Tgt Ion:178 Resp: 25066
Ion Ratio Lower Upper
178 100
179 19.1 12.7 19.1
176 20.6 15.3 22.9





#19

Fluoranthene

Concen: 4.024 ng/ul

RT: 19.383 min Scan# 3581

Delta R.T. 0.011 min

Lab File: BN025259.D

Acq: 04 May 2023 02:52

Instrument :

BNA_N

ClientSampleId :

EW935DL

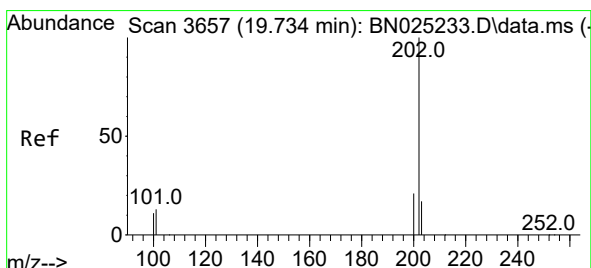
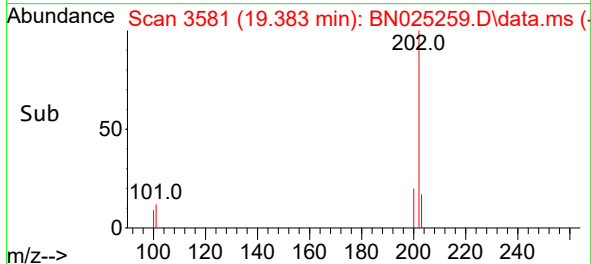
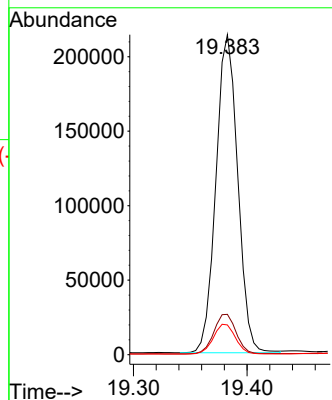
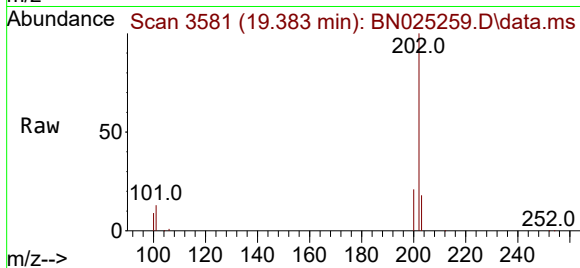
Tgt Ion:202 Resp: 284402

Ion Ratio Lower Upper

202 100

101 12.6 9.7 14.5

100 9.3 7.3 10.9



#20

Pyrene

Concen: 3.729 ng/ul

RT: 19.745 min Scan# 3659

Delta R.T. 0.011 min

Lab File: BN025259.D

Acq: 04 May 2023 02:52

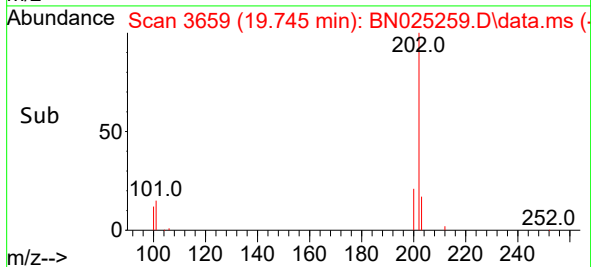
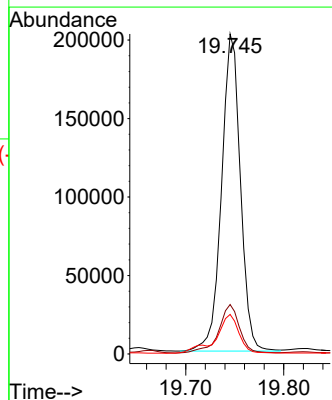
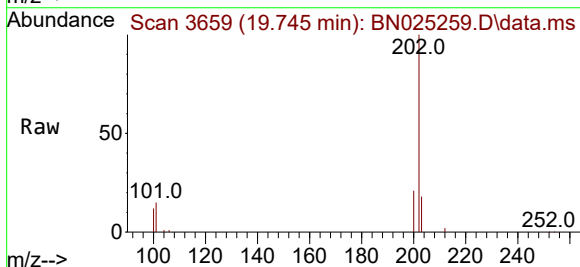
Tgt Ion:202 Resp: 270750

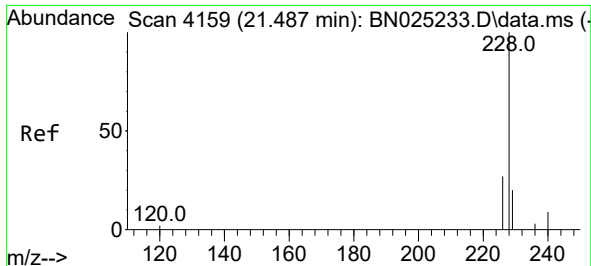
Ion Ratio Lower Upper

202 100

101 15.5 11.3 16.9

100 12.3 9.2 13.8

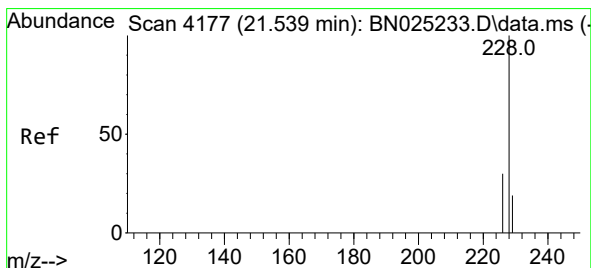
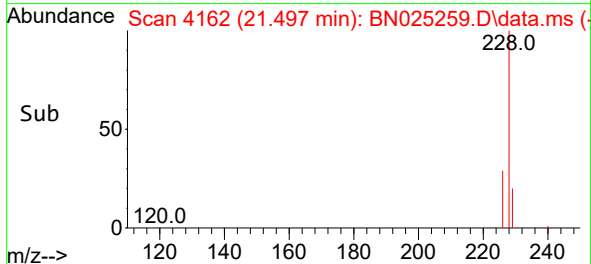
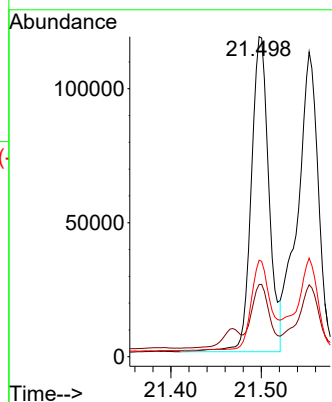
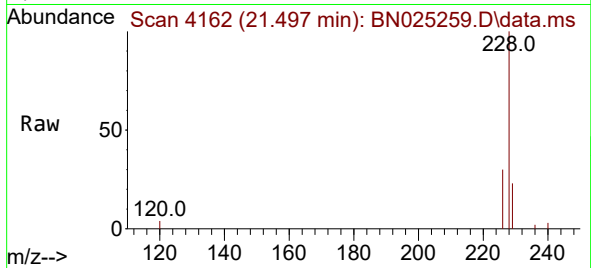




#21
Benzo(a)anthracene
Concen: 2.712 ng/ul
RT: 21.497 min Scan# 411
Delta R.T. 0.011 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

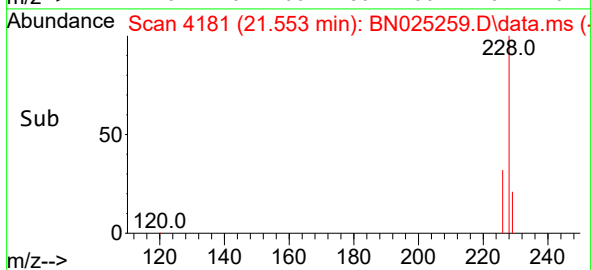
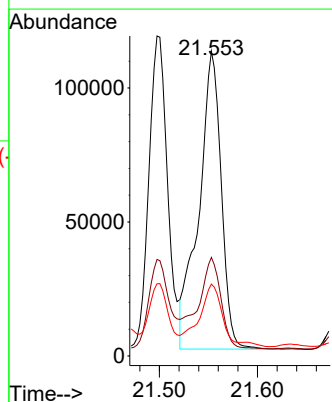
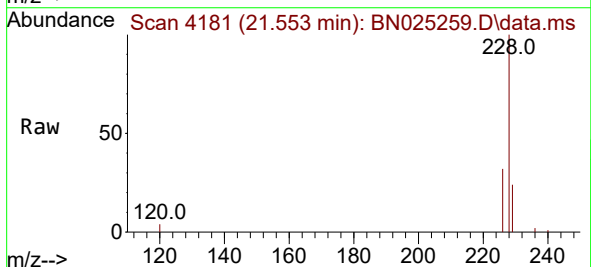
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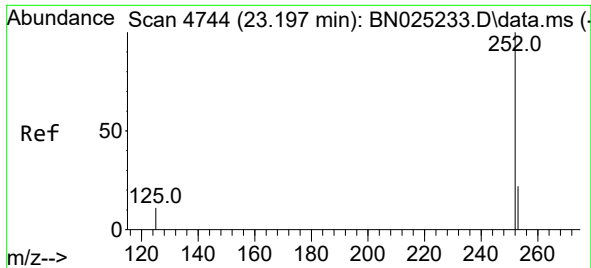
Tgt Ion:228 Resp: 159722
Ion Ratio Lower Upper
228 100
229 22.5 15.6 23.4
226 30.2 22.1 33.1



#22
Chrysene
Concen: 2.749 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. 0.014 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

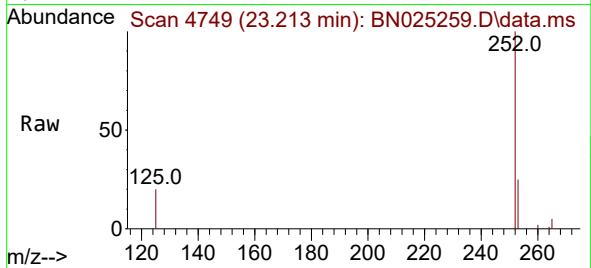
Tgt Ion:228 Resp: 176618
Ion Ratio Lower Upper
228 100
226 32.4 24.5 36.7
229 23.5 15.8 23.6



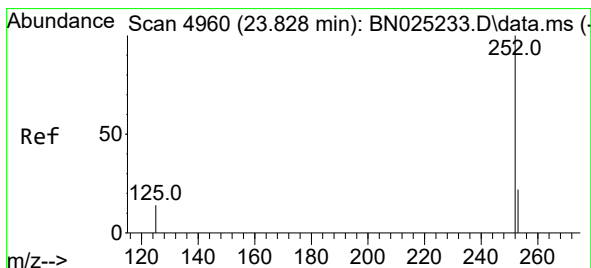
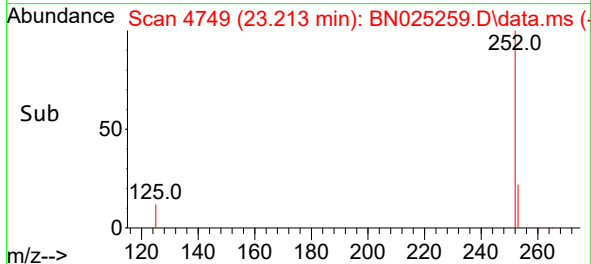
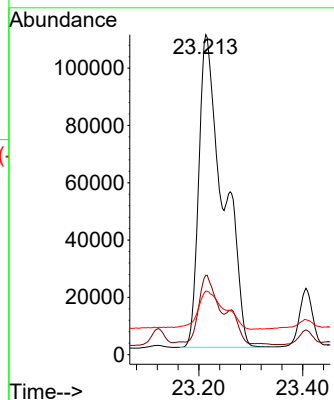


#24
Benzo(b)fluoranthene
Concen: 4.537 ng/ul
RT: 23.213 min Scan# 4749
Delta R.T. 0.017 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

Instrument :
BNA_N
ClientSampleId :
EW935DL

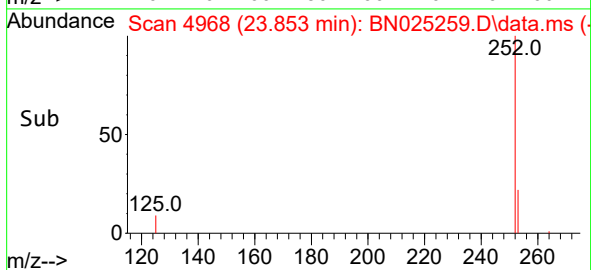
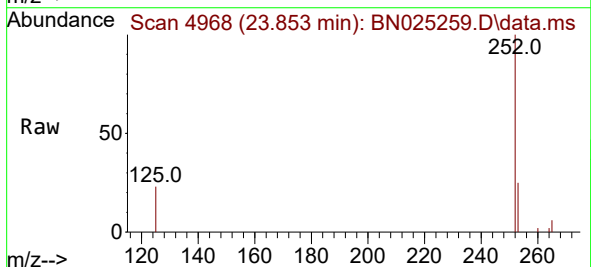
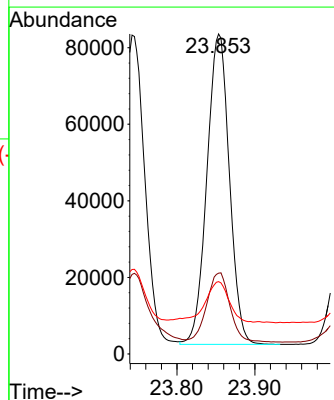


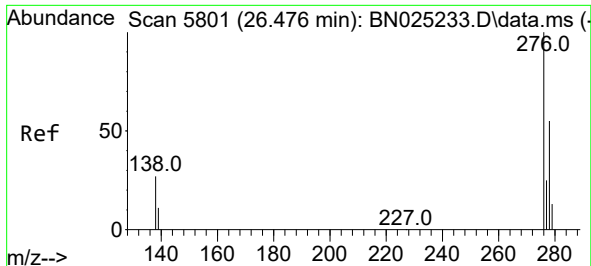
Tgt Ion:252 Resp: 355066
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 19.9 0.0 30.4



#26
Benzo(a)pyrene
Concen: 2.506 ng/ul
RT: 23.853 min Scan# 4968
Delta R.T. 0.025 min
Lab File: BN025259.D
Acq: 04 May 2023 02:52

Tgt Ion:252 Resp: 162257
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.2
125 22.6 14.6 22.0#

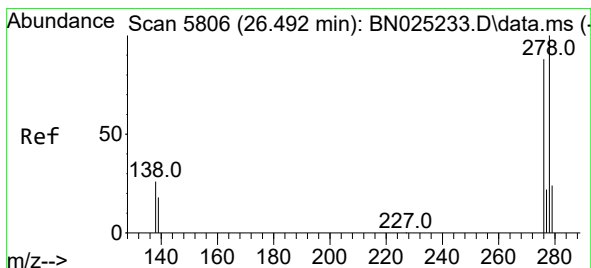
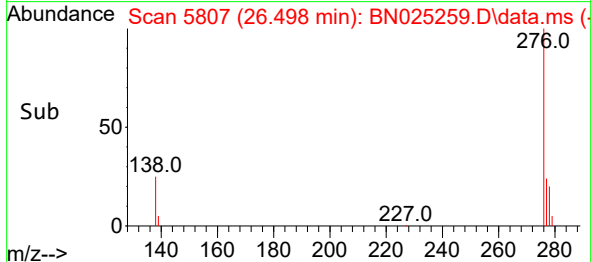
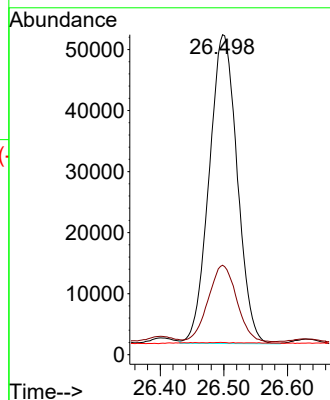
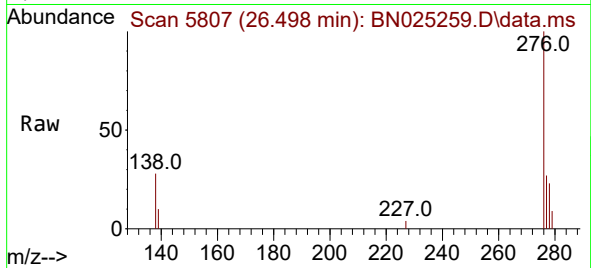




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.077 ng/ul
 RT: 26.498 min Scan# 5807
 Delta R.T. 0.022 min
 Lab File: BN025259.D
 Acq: 04 May 2023 02:52

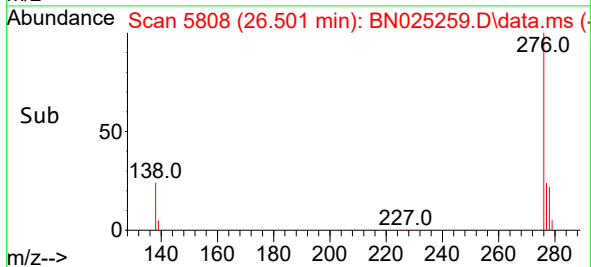
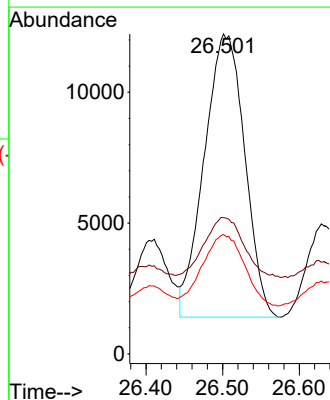
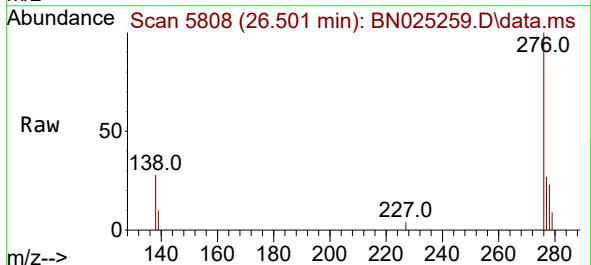
Instrument :
 BNA_N
 ClientSampleId :
 EW935DL

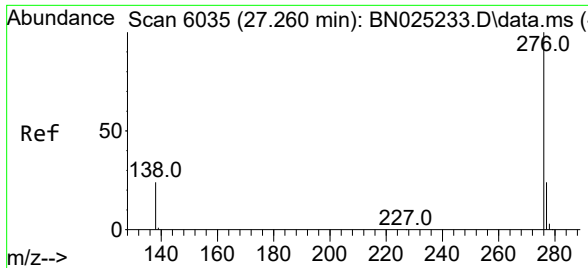
Tgt Ion:276 Resp: 154936
 Ion Ratio Lower Upper
 276 100
 138 25.1 21.9 32.9
 227 0.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.681 ng/ul
 RT: 26.501 min Scan# 5808
 Delta R.T. 0.009 min
 Lab File: BN025259.D
 Acq: 04 May 2023 02:52

Tgt Ion:278 Resp: 39673
 Ion Ratio Lower Upper
 278 100
 139 42.6 17.0 25.6#
 279 37.3 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 2.546 ng/ul
 RT: 27.286 min Scan# 6042
 Delta R.T. 0.026 min
 Lab File: BN025259.D
 Acq: 04 May 2023 02:52

Instrument :
 BNA_N
 ClientSampleId :
 EW935DL

Tgt Ion:	276	Resp:	161518
Ion Ratio	Lower	Upper	
276	100		
138	27.9	20.3	30.5
277	26.0	19.8	29.6

