

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025241.D
 Acq On : 03 May 2023 16:07
 Operator : CG/JU
 Sample : 02447-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW935

Quant Time: May 04 04:29:46 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)

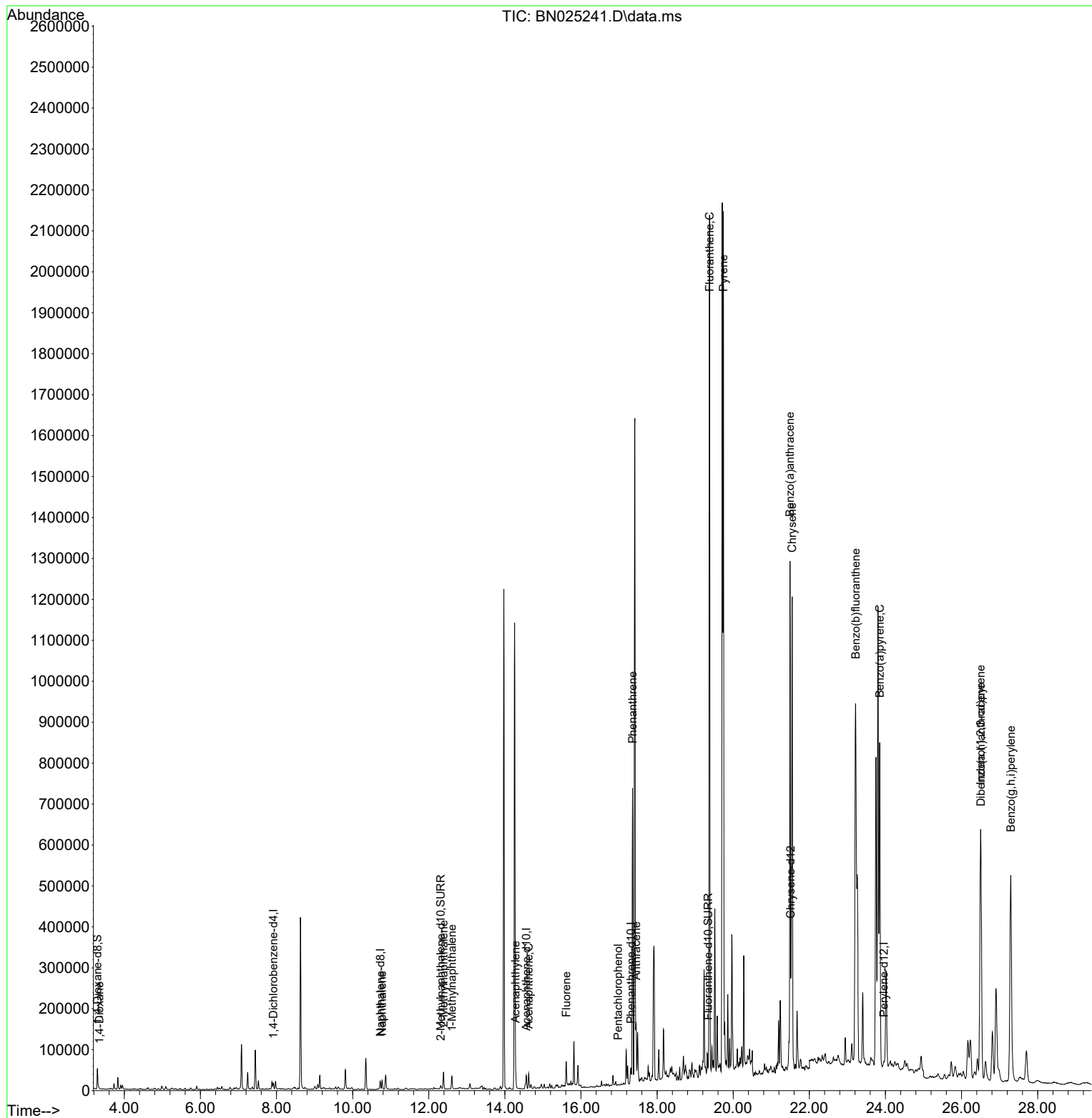
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26503	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	17521	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	62161	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.511	240	28217	0.400	ng/ul	# 0.00
23) Perylene-d12	23.957	264	25331	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	29489	3.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10221	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	25645	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	178	0.020	ng/ul#	1
5) Naphthalene	10.776	128	29995	0.442	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	28570	0.687	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	20909	0.472	ng/ul	99
10) Acenaphthylene	14.283	152	42078	0.645	ng/ul#	93
11) Acenaphthene	14.626	153	22026	0.400	ng/ul	99
12) Fluorene	15.611	166	37748	0.614	ng/ul#	94
14) Pentachlorophenol	16.971	266	600	0.049	ng/ul#	81
15) Phenanthrene	17.355	178	756148	4.310	ng/ul	100
16) Anthracene	17.448	178	142903	0.996	ng/ul	98
19) Fluoranthene	19.377	202	1710642	16.765	ng/ul	99
20) Pyrene	19.739	202	1594560	15.210	ng/ul	98
21) Benzo(a)anthracene	21.493	228	1057907	12.442	ng/ul	97
22) Chrysene	21.549	228	1229406	13.254	ng/ul	97
24) Benzo(b)fluoranthene	23.215	252	2299070	22.371	ng/ul	97
26) Benzo(a)pyrene	23.849	252	1070649	12.591	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.500	276	970895	9.910	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.510	278	252370	3.298	ng/ul#	92
29) Benzo(g,h,i)perylene	27.295	276	997075	11.969	ng/ul	99

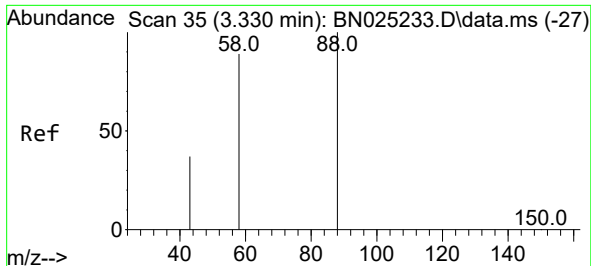
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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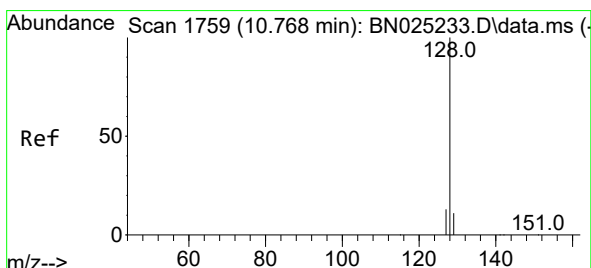
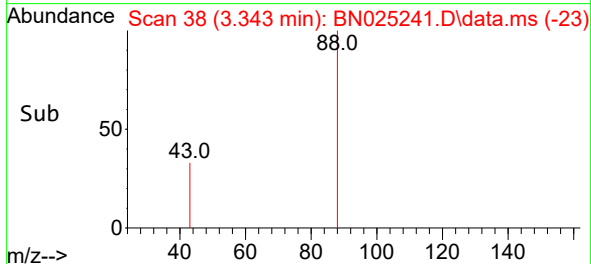
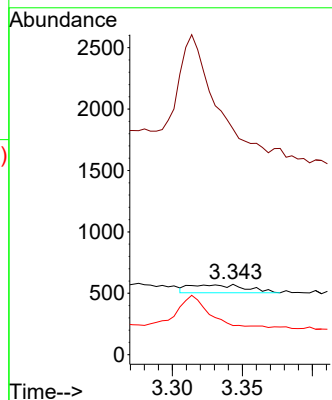
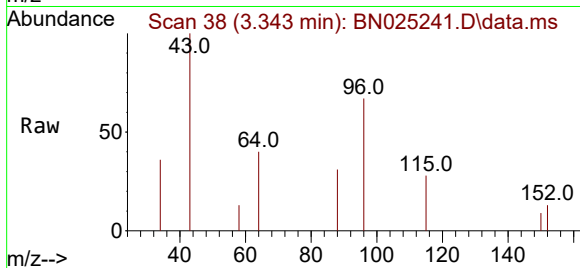




#2
 1,4-Dioxane
 Concen: 0.020 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: BN025241.D
 Acq: 03 May 2023 16:07

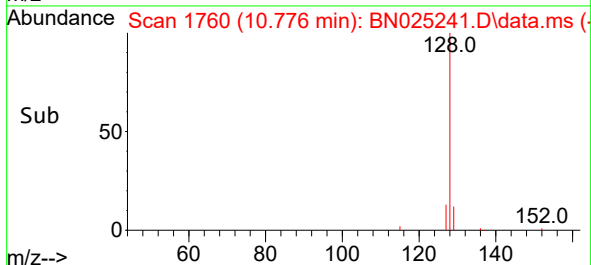
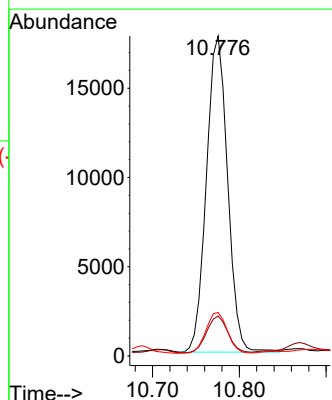
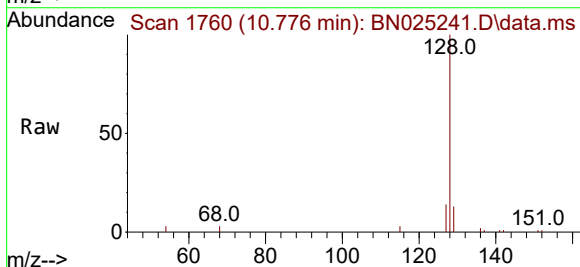
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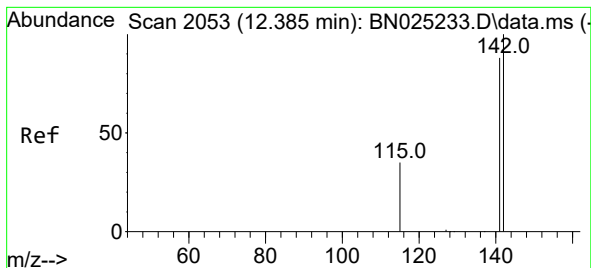
Tgt Ion: 88 Resp: 178
 Ion Ratio Lower Upper
 88 100
 43 320.9 37.0 55.4#
 58 41.4 56.9 85.3#



#5
 Naphthalene
 Concen: 0.442 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.007 min
 Lab File: BN025241.D
 Acq: 03 May 2023 16:07

Tgt Ion: 128 Resp: 29995
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.0 13.6
 127 13.6 10.7 16.1

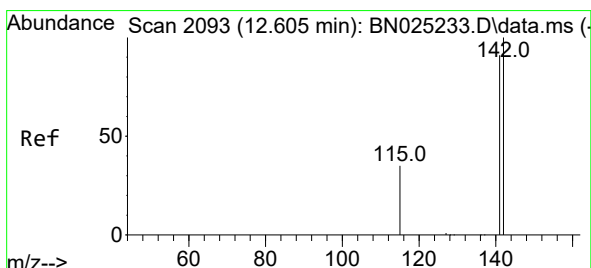
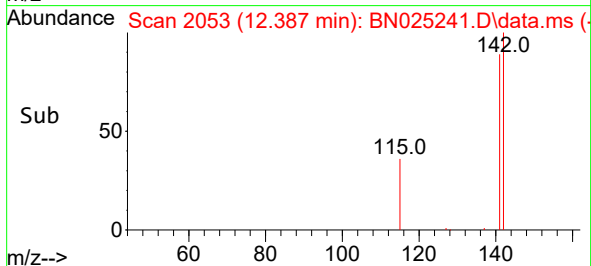
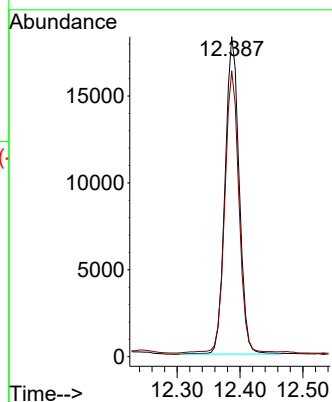
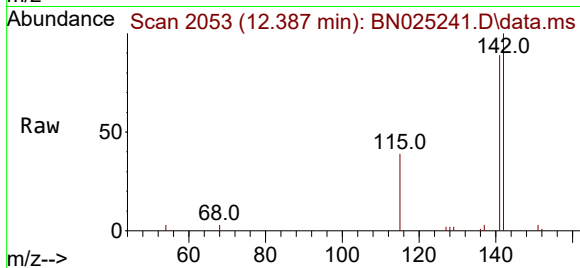




#7
2-Methylnaphthalene
Concen: 0.687 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

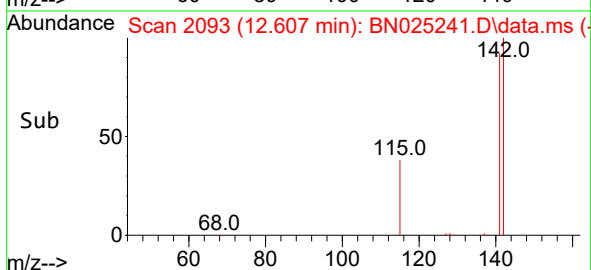
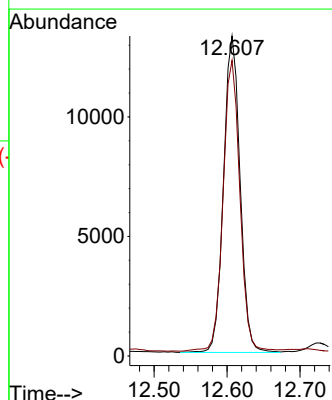
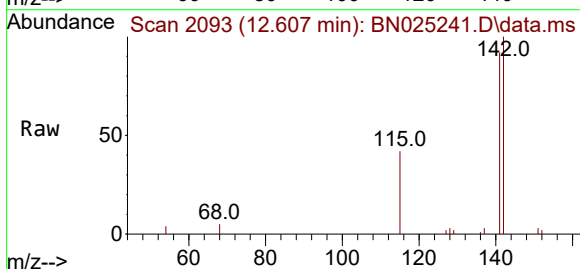
Instrument :
BNA_N
ClientSampleId :
EW935

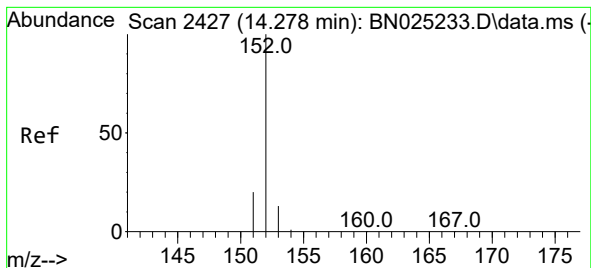
Tgt Ion:142 Resp: 28570
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:142 Resp: 20909
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6





#10

Acenaphthylene

Concen: 0.645 ng/ul

RT: 14.283 min Scan# 2427

Delta R.T. 0.005 min

Lab File: BN025241.D

Acq: 03 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

EW935

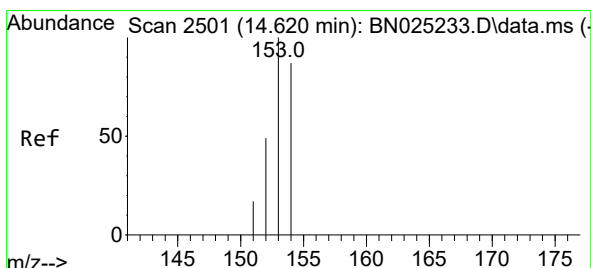
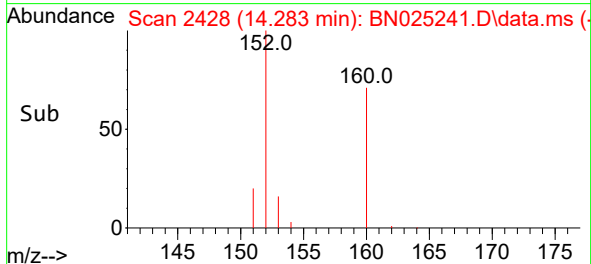
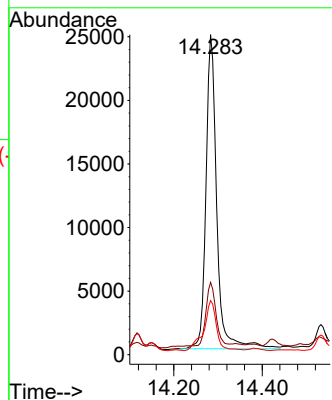
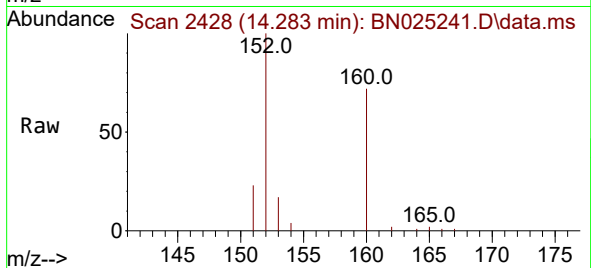
Tgt Ion:152 Resp: 42078

Ion Ratio Lower Upper

152 100

151 22.6 16.0 24.0

153 16.9 10.8 16.2#



#11

Acenaphthene

Concen: 0.400 ng/ul

RT: 14.626 min Scan# 2502

Delta R.T. 0.005 min

Lab File: BN025241.D

Acq: 03 May 2023 16:07

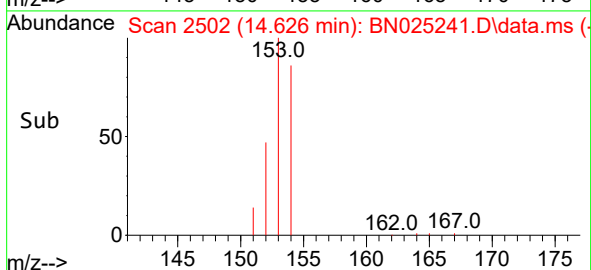
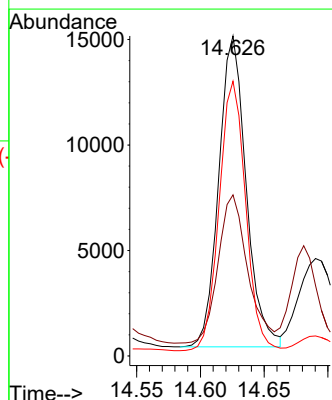
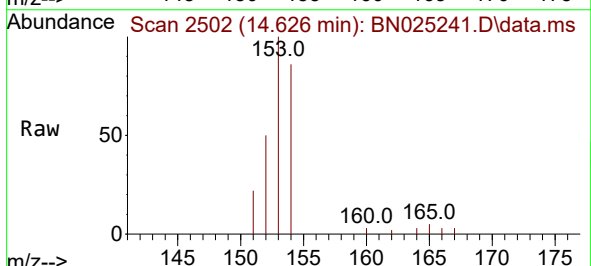
Tgt Ion:153 Resp: 22026

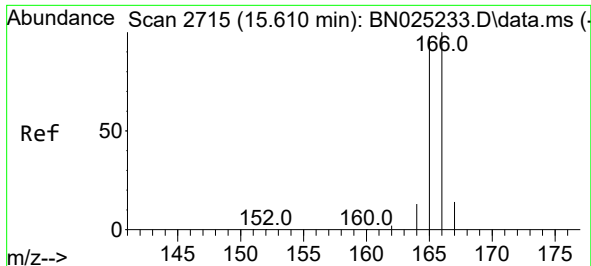
Ion Ratio Lower Upper

153 100

152 50.4 40.2 60.4

154 85.9 69.4 104.2

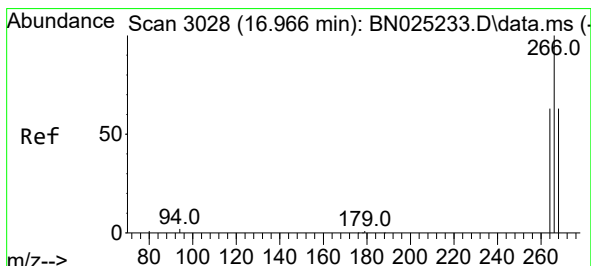
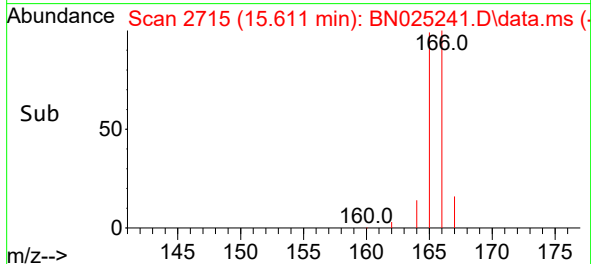
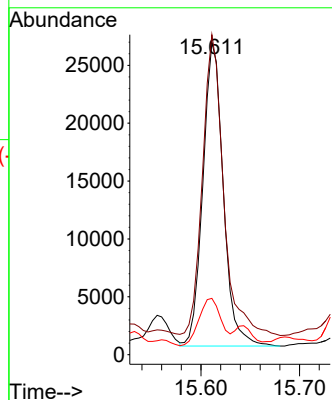
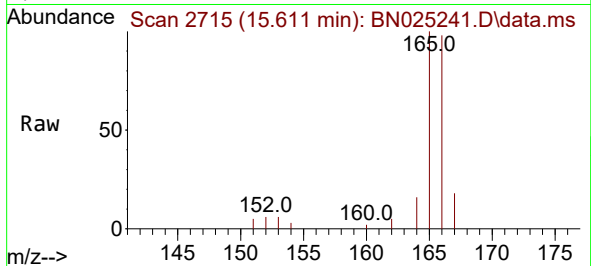




#12
Fluorene
Concen: 0.614 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

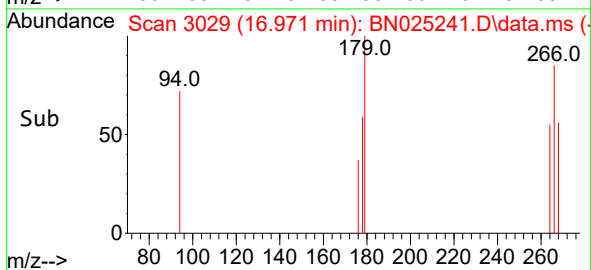
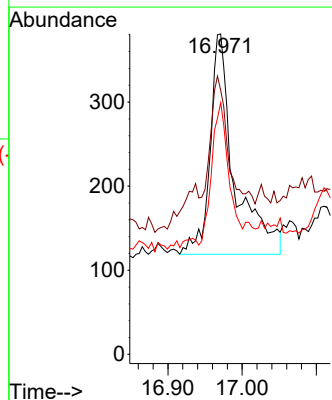
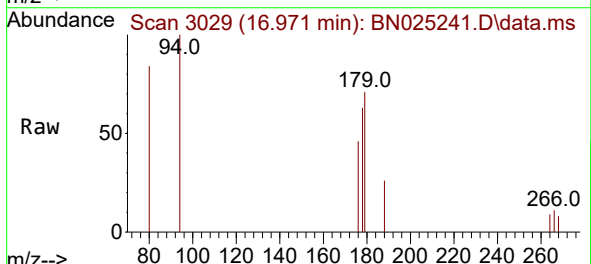
Instrument :
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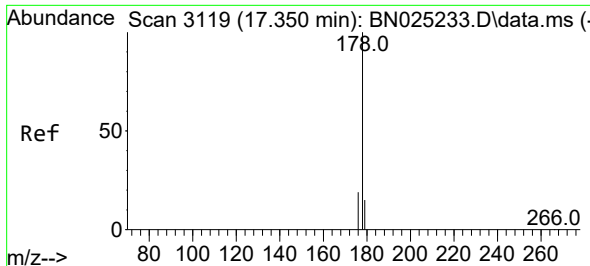
Tgt Ion:166 Resp: 37748
Ion Ratio Lower Upper
166 100
165 102.5 78.1 117.1
167 18.0 11.0 16.6#



#14
Pentachlorophenol
Concen: 0.049 ng/ul
RT: 16.971 min Scan# 3029
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:266 Resp: 600
Ion Ratio Lower Upper
266 100
264 47.2 49.6 74.4#
268 49.8 51.3 76.9#

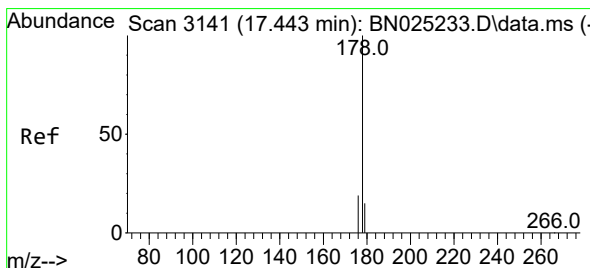
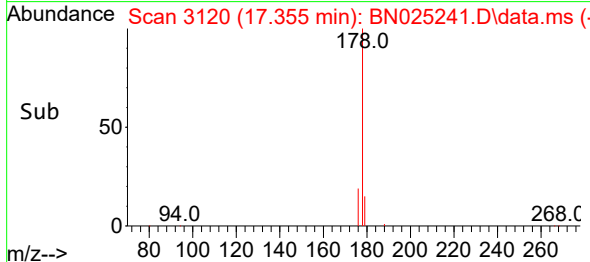
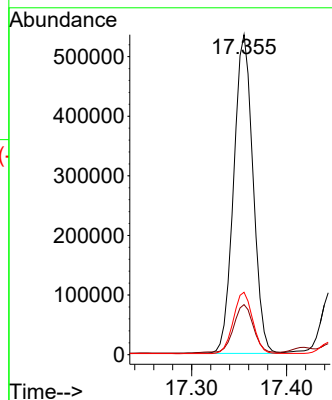
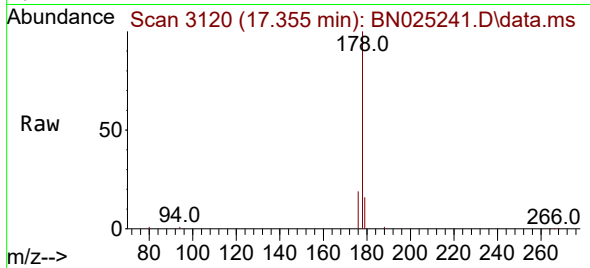




#15
Phenanthrene
Concen: 4.310 ng/ul
RT: 17.355 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

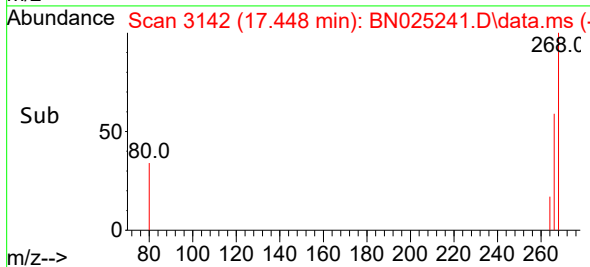
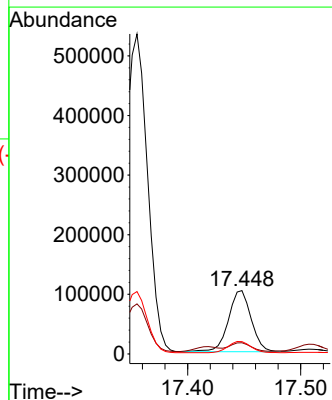
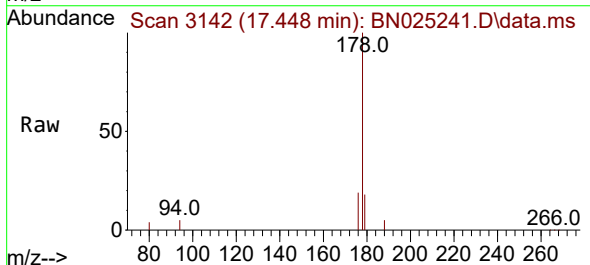
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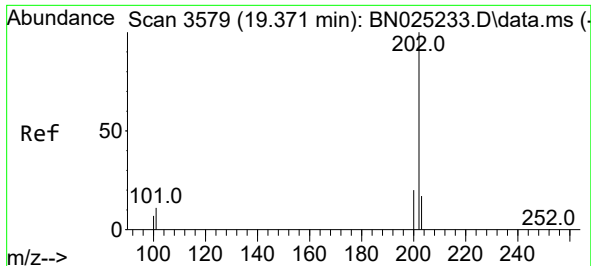
Tgt Ion:178 Resp: 756148
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.996 ng/ul
RT: 17.448 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:178 Resp: 142903
Ion Ratio Lower Upper
178 100
179 17.7 12.7 19.1
176 19.5 15.3 22.9

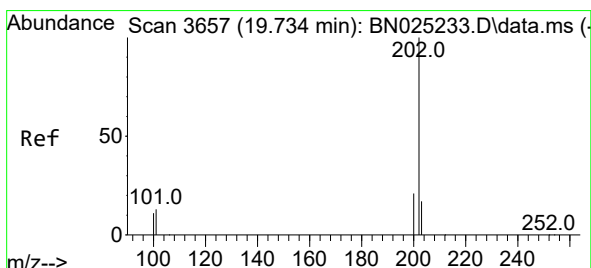
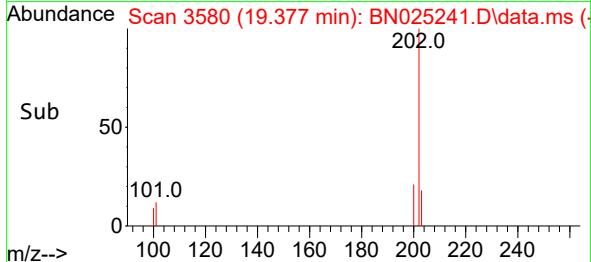
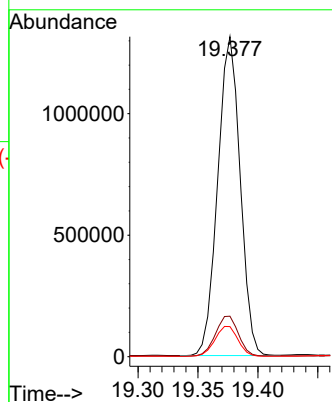
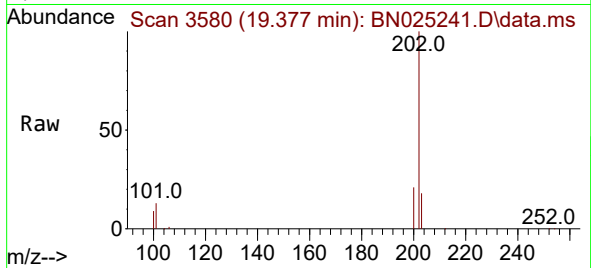




#19
Fluoranthene
Concen: 16.765 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

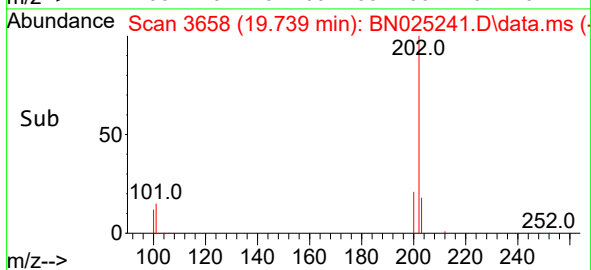
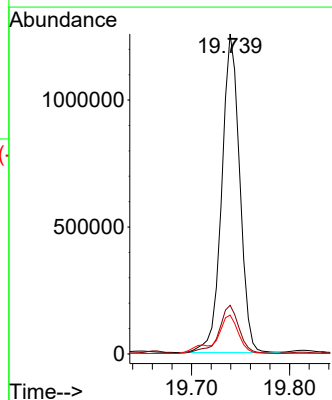
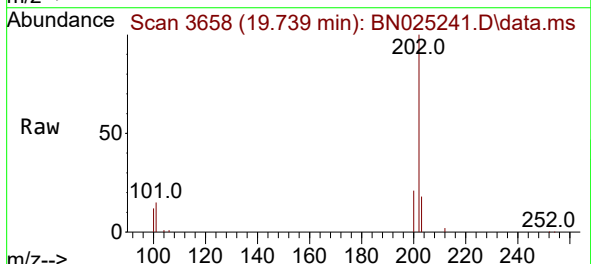
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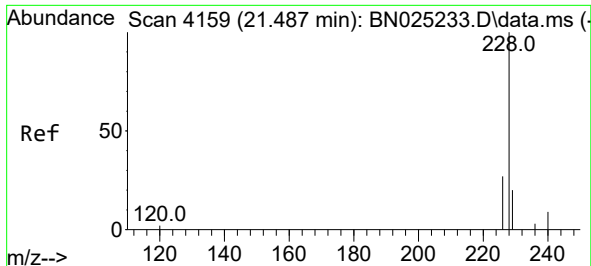
Tgt Ion:202 Resp: 1710642
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.4 7.3 10.9



#20
Pyrene
Concen: 15.210 ng/ul
RT: 19.739 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:202 Resp: 1594560
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 12.1 9.2 13.8

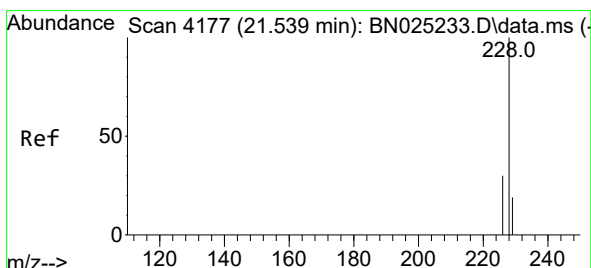
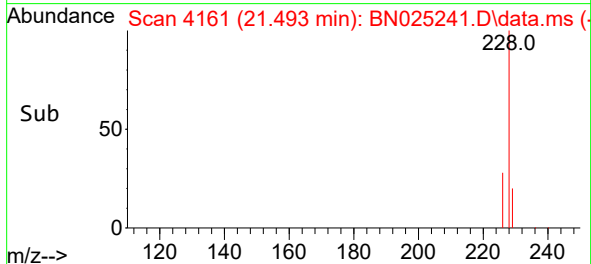
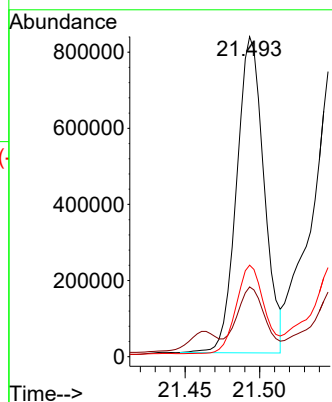
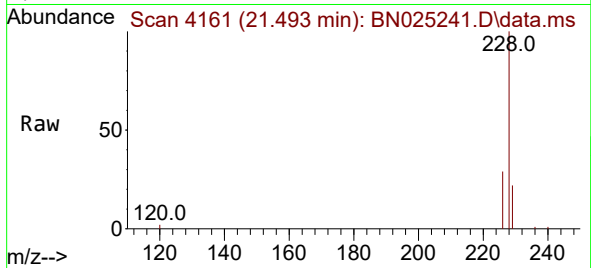




#21
Benzo(a)anthracene
Concen: 12.442 ng/ul
RT: 21.493 min Scan# 411
Delta R.T. 0.007 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

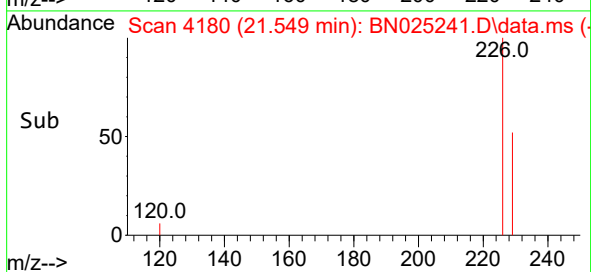
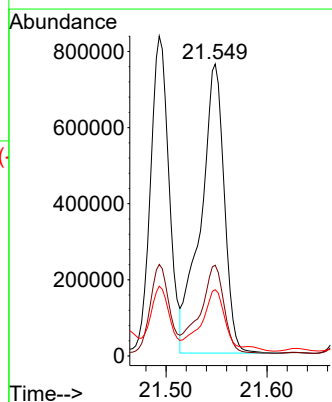
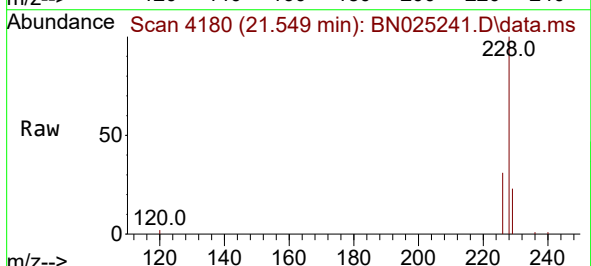
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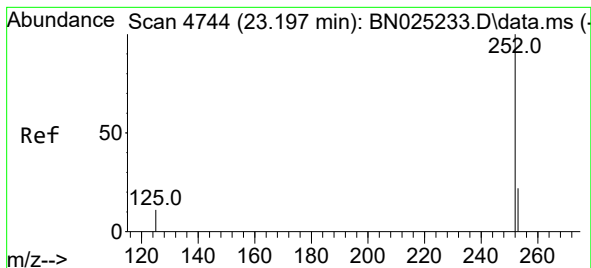
Tgt Ion:228 Resp: 1057907
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.6 22.1 33.1



#22
Chrysene
Concen: 13.254 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. 0.010 min
Lab File: BN025241.D
Acq: 03 May 2023 16:07

Tgt Ion:228 Resp: 1229406
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 22.371 ng/ul

RT: 23.215 min Scan# 41

Delta R.T. 0.018 min

Lab File: BN025241.D

Acq: 03 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

EW935

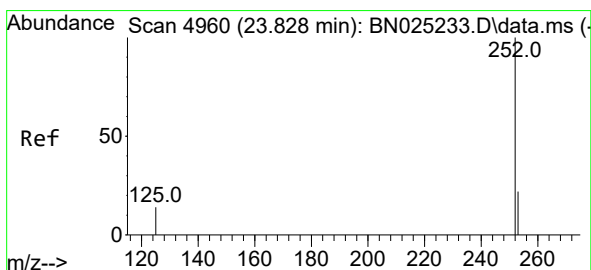
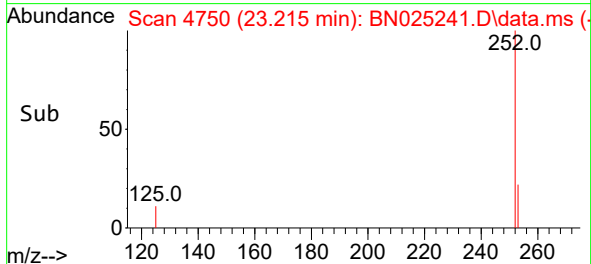
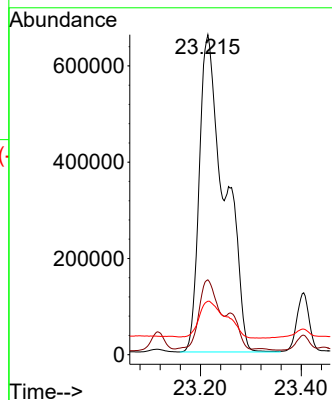
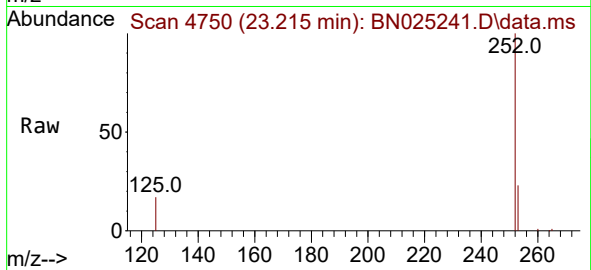
Tgt Ion:252 Resp: 2299070

Ion Ratio Lower Upper

252 100

253 23.4 0.0 50.2

125 16.7 0.0 30.4



#26

Benzo(a)pyrene

Concen: 12.591 ng/ul

RT: 23.849 min Scan# 4967

Delta R.T. 0.021 min

Lab File: BN025241.D

Acq: 03 May 2023 16:07

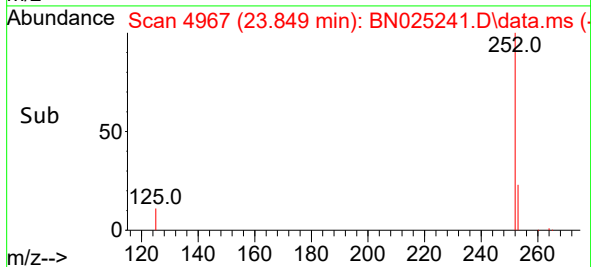
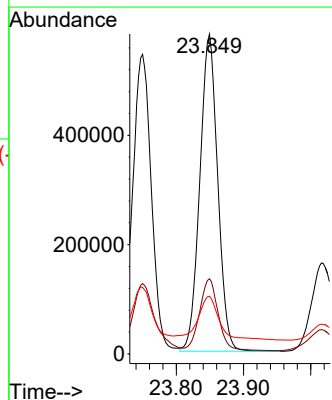
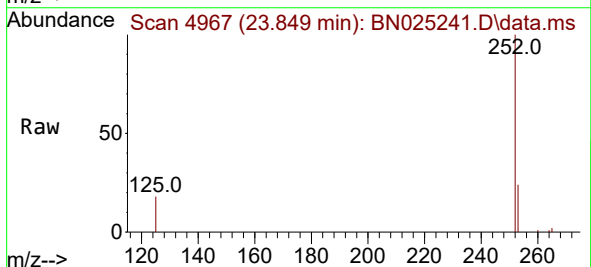
Tgt Ion:252 Resp: 1070649

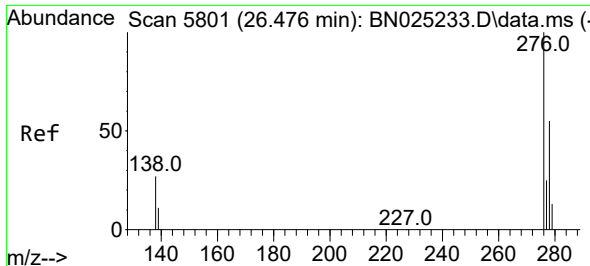
Ion Ratio Lower Upper

252 100

253 23.5 21.4 32.2

125 18.1 14.6 22.0

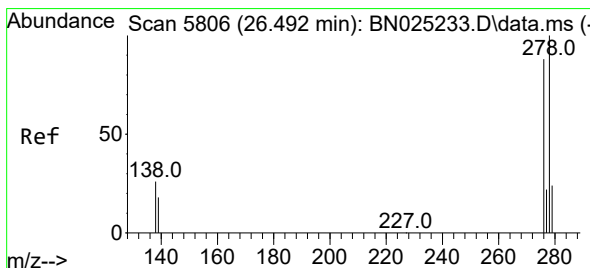
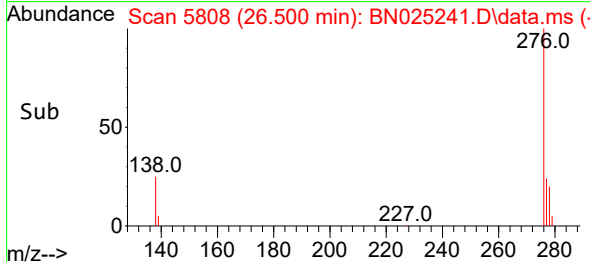
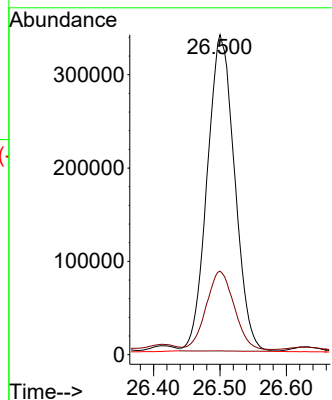
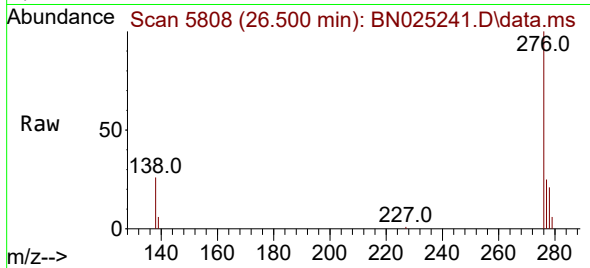




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 9.910 ng/ul
 RT: 26.500 min Scan# 5808
 Delta R.T. 0.024 min
 Lab File: BN025241.D
 Acq: 03 May 2023 16:07

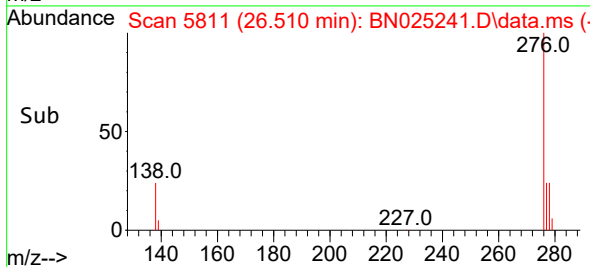
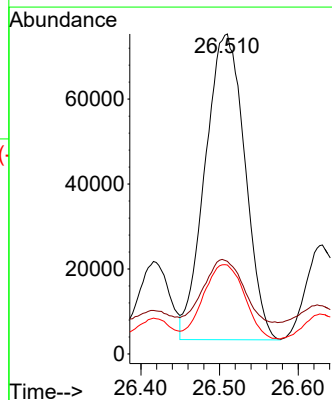
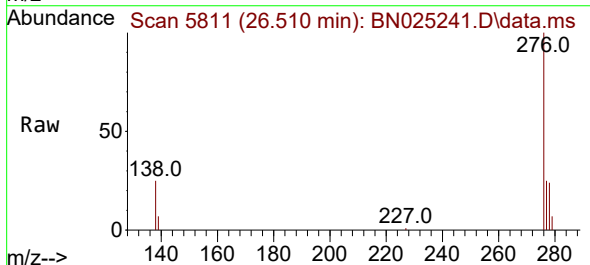
Instrument :
 BNA_N
 ClientSampleId :
 EW935

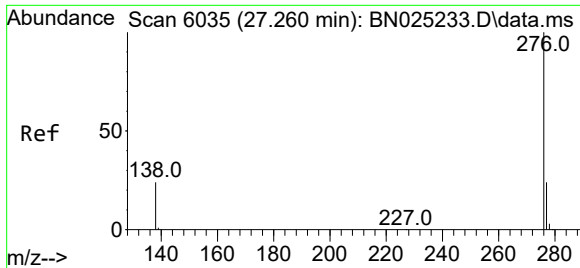
Tgt Ion:276 Resp: 970895
 Ion Ratio Lower Upper
 276 100
 138 25.3 21.9 32.9
 227 1.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 3.298 ng/ul
 RT: 26.510 min Scan# 5811
 Delta R.T. 0.018 min
 Lab File: BN025241.D
 Acq: 03 May 2023 16:07

Tgt Ion:278 Resp: 252370
 Ion Ratio Lower Upper
 278 100
 139 28.9 17.0 25.6#
 279 27.8 21.8 32.8





#29

Benzo(g,h,i)perylene

Concen: 11.969 ng/ul

RT: 27.295 min Scan# 6045

Delta R.T. 0.034 min

Lab File: BN025241.D

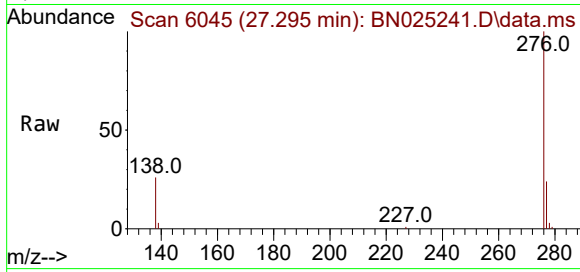
Acq: 03 May 2023 16:07

Instrument :

BNA_N

ClientSampleId :

EW935



Tgt Ion:276 Resp: 997075

Ion Ratio Lower Upper

276 100

138 25.8 20.3 30.5

277 24.0 19.8 29.6

