

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025783.D
 Acq On : 12 Jun 2023 15:56
 Operator : MA/JU
 Sample : 02951-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW999MS

Quant Time: Jun 13 00:02:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

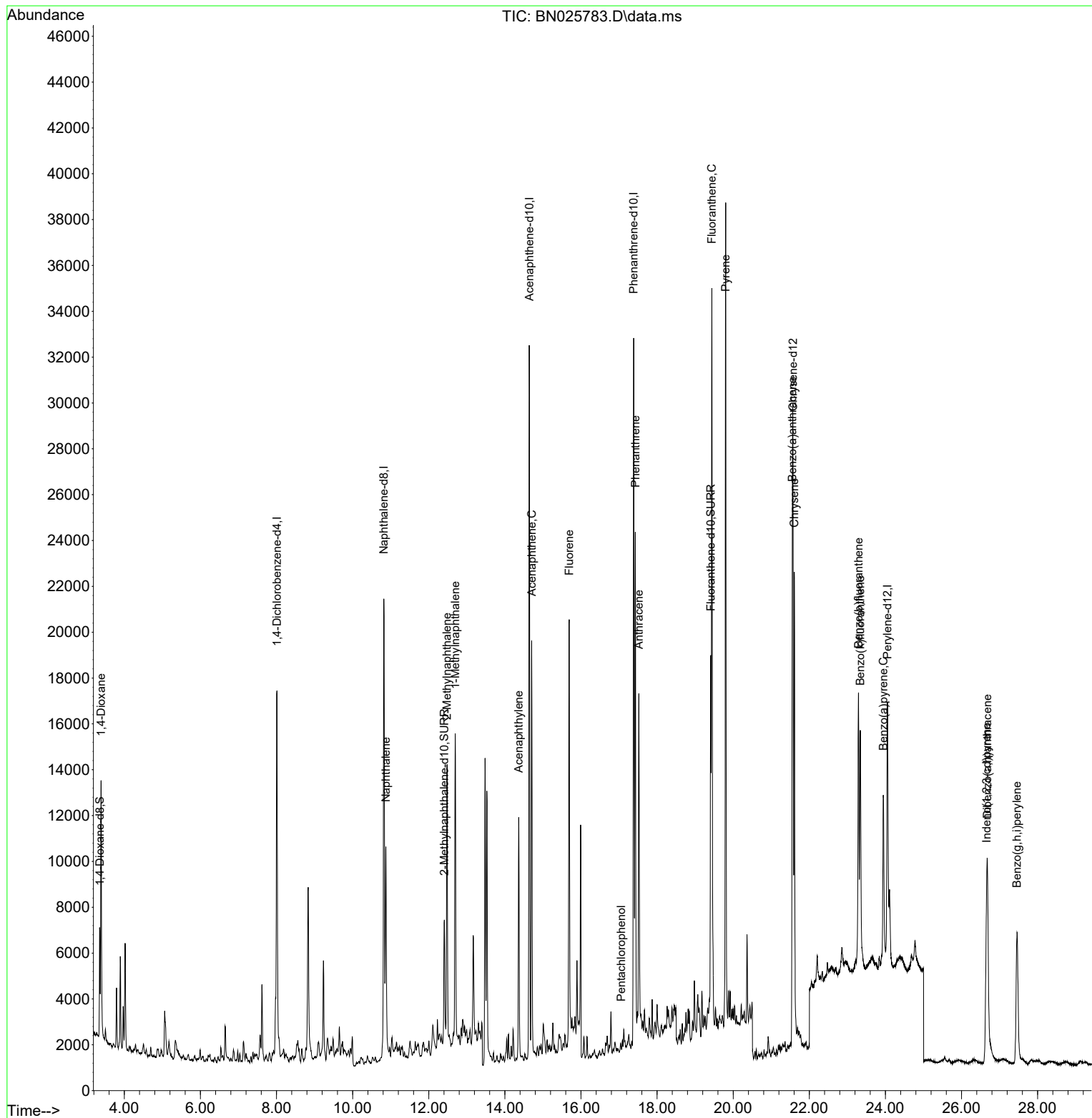
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	9921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	29007	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.640	164	17150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	35755	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	20934	0.400	ng/ul	0.00
23) Perylene-d12	24.055	264	17133	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	3067	0.314	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	7517	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	16833	0.255	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	7927	0.759	ng/ul	94
5) Naphthalene	10.875	128	13900	0.188	ng/ul	98
7) 2-Methylnaphthalene	12.480	142	9155	0.206	ng/ul	98
8) 1-Methylnaphthalene	12.695	142	9728	0.199	ng/ul	99
10) Acenaphthylene	14.363	152	12559	0.185	ng/ul	96
11) Acenaphthene	14.705	153	10973	0.194	ng/ul	99
12) Fluorene	15.691	166	12980	0.206	ng/ul	98
14) Pentachlorophenol	17.052	266	149	0.039	ng/ul#	85
15) Phenanthrene	17.428	178	25254	0.242	ng/ul	98
16) Anthracene	17.521	178	17860	0.203	ng/ul	96
19) Fluoranthene	19.439	202	28469	0.297	ng/ul	98
20) Pyrene	19.801	202	30631	0.309	ng/ul	98
21) Benzo(a)anthracene	21.553	228	17742	0.266	ng/ul	95
22) Chrysene	21.606	228	20514	0.269	ng/ul	96
24) Benzo(b)fluoranthene	23.292	252	15877	0.227	ng/ul	80
25) Benzo(k)fluoranthene	23.339	252	15768	0.224	ng/ul#	81
26) Benzo(a)pyrene	23.944	252	12371	0.208	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.659	276	14902	0.220	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.679	278	11760	0.229	ng/ul	92
29) Benzo(g,h,i)perylene	27.457	276	14029	0.231	ng/ul	96

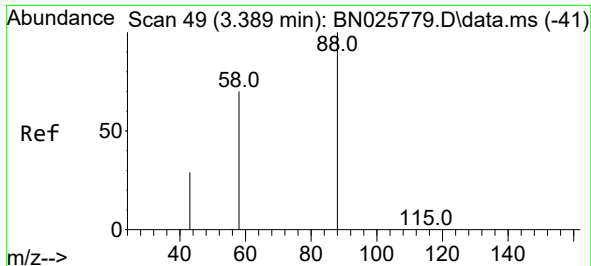
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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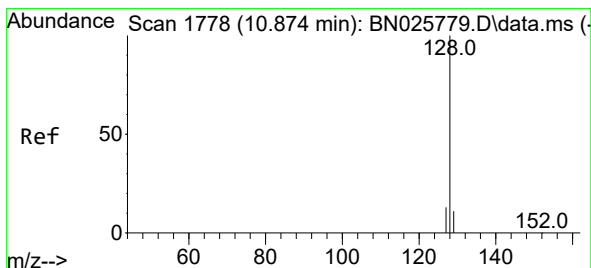
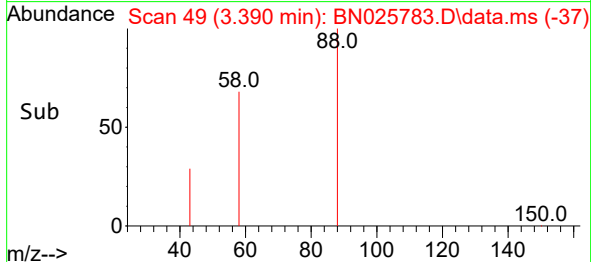
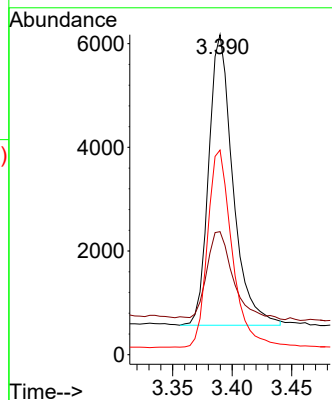
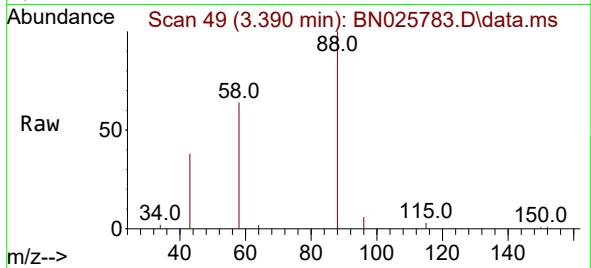




#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

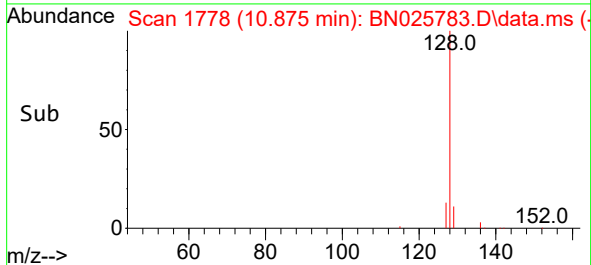
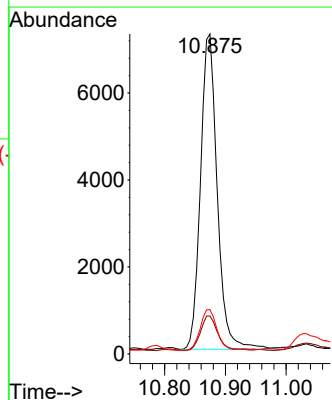
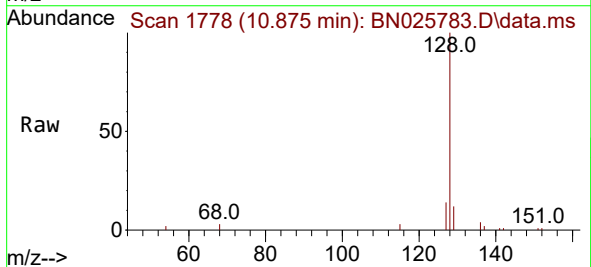
Instrument :
BNA_N
ClientSampleId :
EW999MS

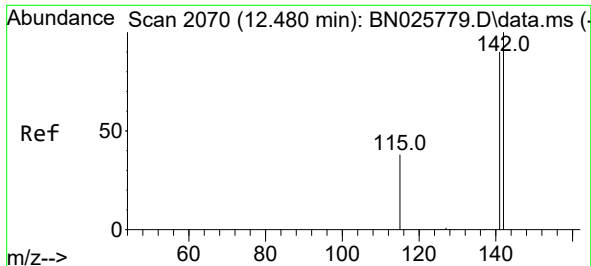
Tgt Ion: 88 Resp: 7927
Ion Ratio Lower Upper
88 100
43 38.5 26.5 39.7
58 64.0 49.0 73.6



#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.875 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion: 128 Resp: 13900
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.9 10.5 15.7

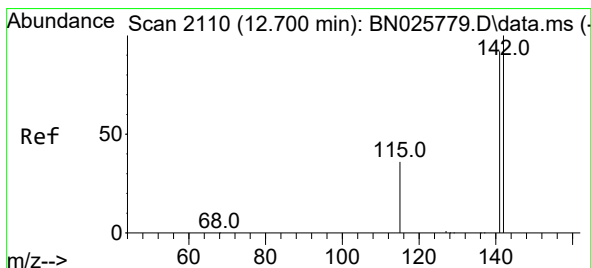
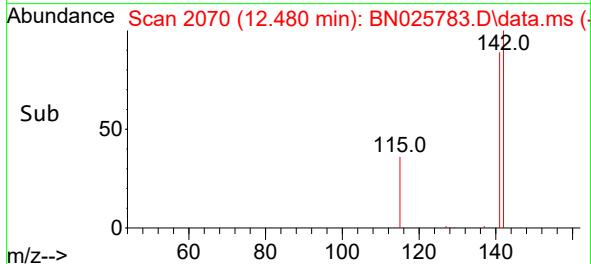
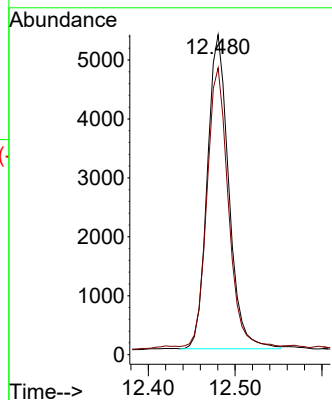
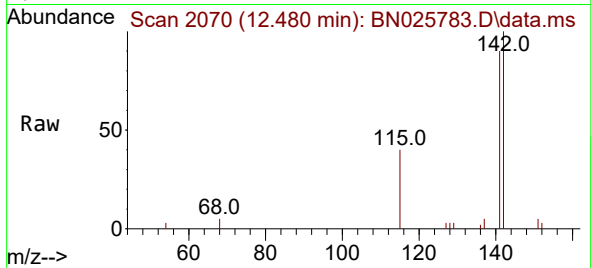




#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

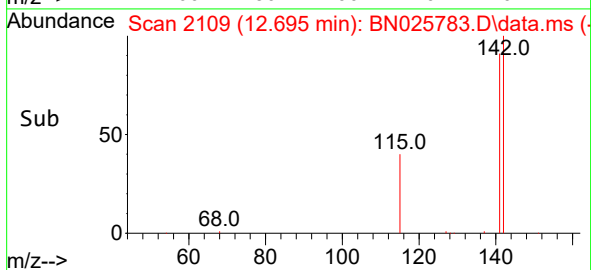
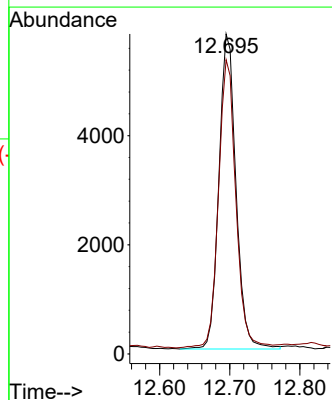
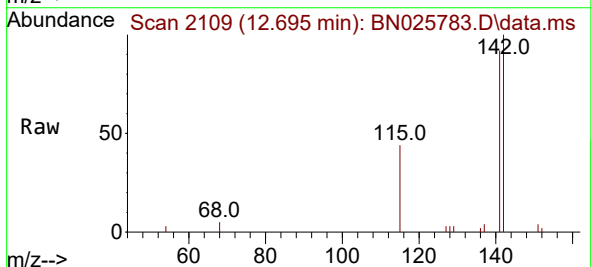
Instrument :
BNA_N
ClientSampleId :
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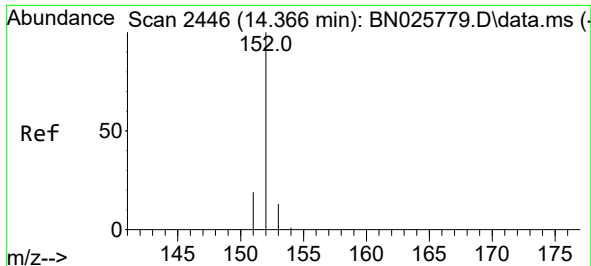
Tgt Ion:142 Resp: 9155
Ion Ratio Lower Upper
142 100
141 91.5 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:142 Resp: 9728
Ion Ratio Lower Upper
142 100
141 93.2 74.0 111.0

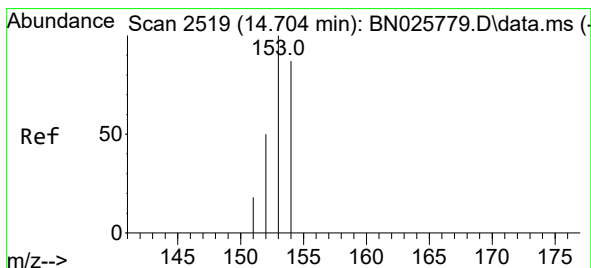
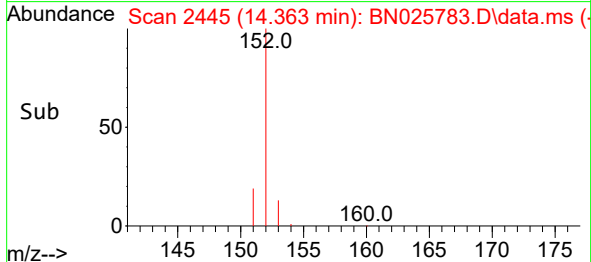
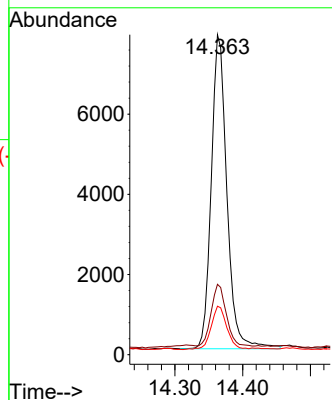
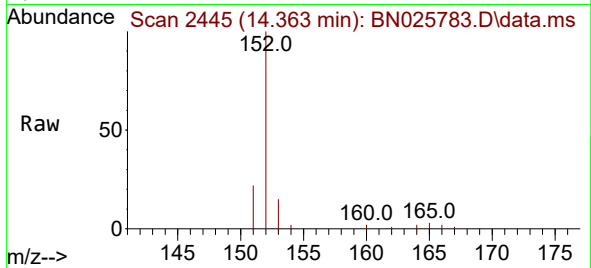




#10
Acenaphthylene
Concen: 0.185 ng/ul
RT: 14.363 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

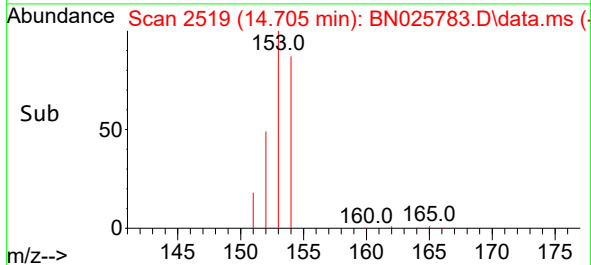
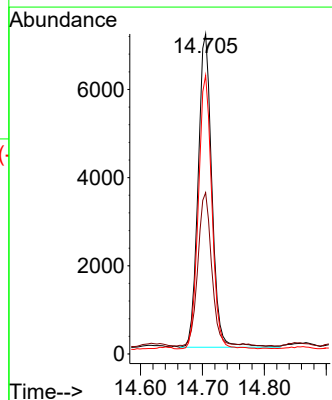
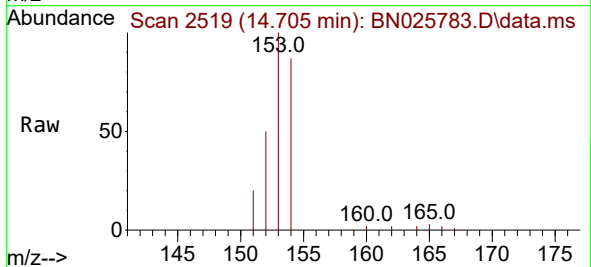
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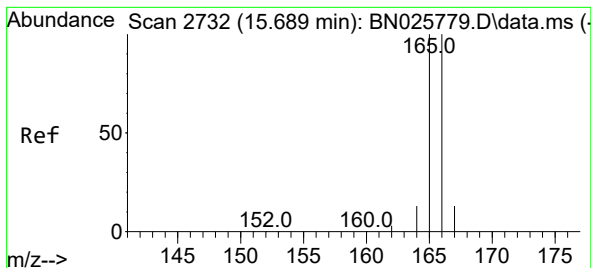
Tgt Ion:152 Resp: 12559
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 15.2 10.7 16.1



#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.705 min Scan# 2519
Delta R.T. 0.001 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:153 Resp: 10973
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 87.1 68.8 103.2





#12

Fluorene

Concen: 0.206 ng/ul

RT: 15.691 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN025783.D

Acq: 12 Jun 2023 15:56

Instrument :

BNA_N

ClientSampleId :

EW999MS

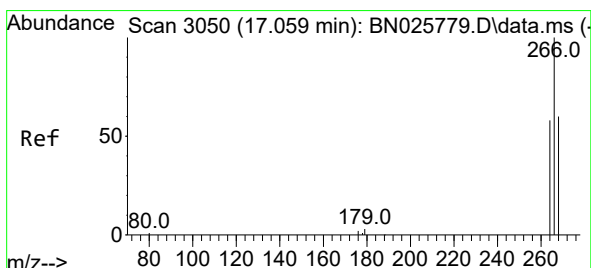
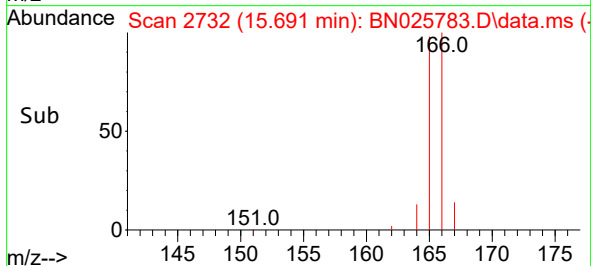
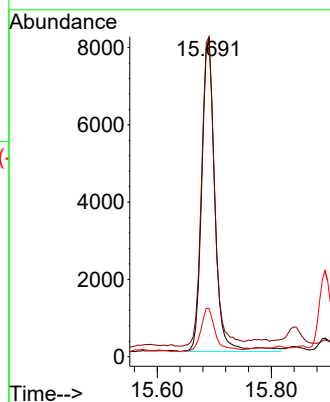
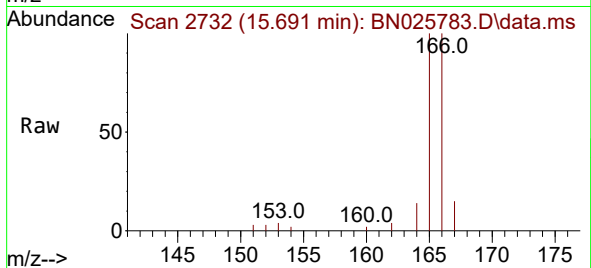
Tgt Ion:166 Resp: 12980

Ion Ratio Lower Upper

166 100

165 100.5 79.2 118.8

167 15.2 11.0 16.6



#14

Pentachlorophenol

Concen: 0.039 ng/ul

RT: 17.052 min Scan# 3048

Delta R.T. -0.003 min

Lab File: BN025783.D

Acq: 12 Jun 2023 15:56

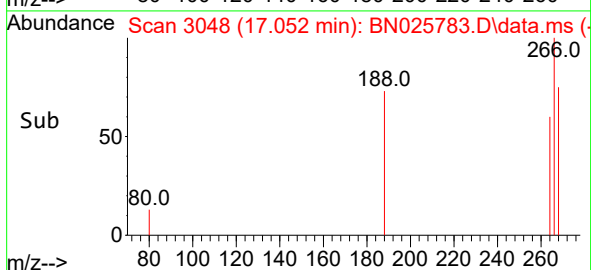
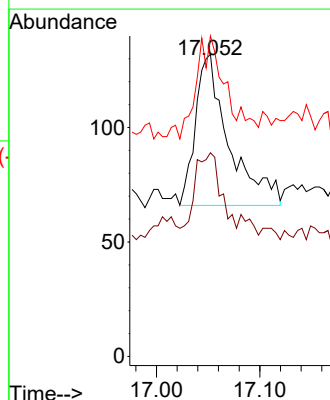
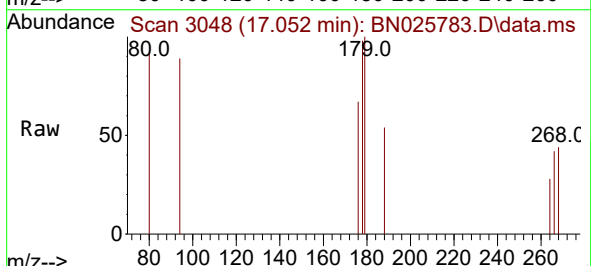
Tgt Ion:266 Resp: 149

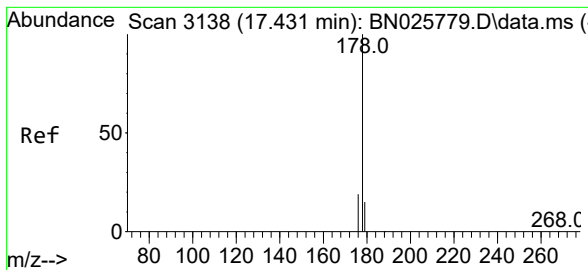
Ion Ratio Lower Upper

266 100

264 38.9 48.2 72.4#

268 59.1 48.2 72.4





#15

Phenanthrene

Concen: 0.242 ng/ul

RT: 17.428 min Scan# 3137

Delta R.T. -0.003 min

Lab File: BN025783.D

Acq: 12 Jun 2023 15:56

Instrument :

BNA_N

ClientSampleId :

EW999MS

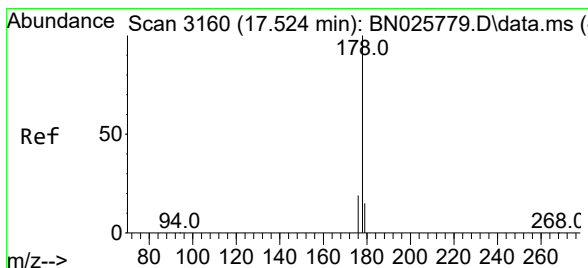
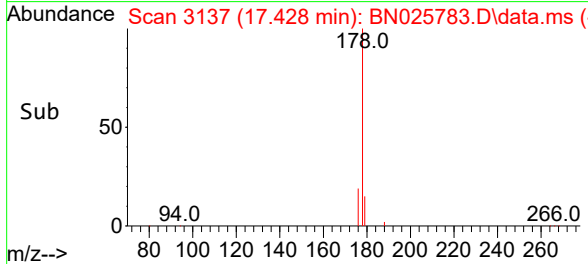
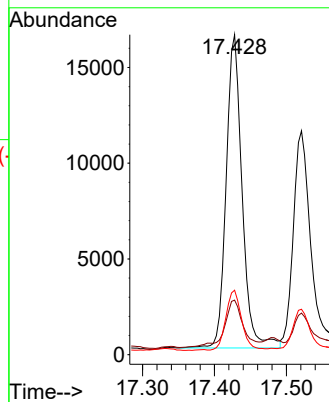
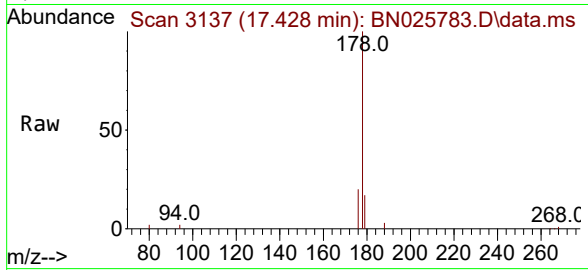
Tgt Ion:178 Resp: 25254

Ion Ratio Lower Upper

178 100

179 17.1 12.6 18.8

176 20.2 15.8 23.8



#16

Anthracene

Concen: 0.203 ng/ul

RT: 17.521 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BN025783.D

Acq: 12 Jun 2023 15:56

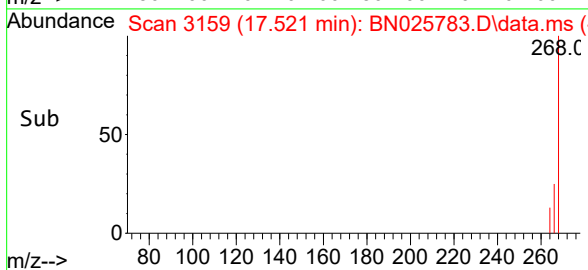
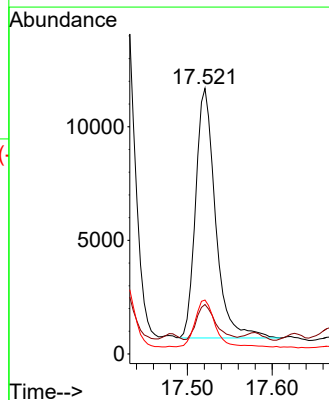
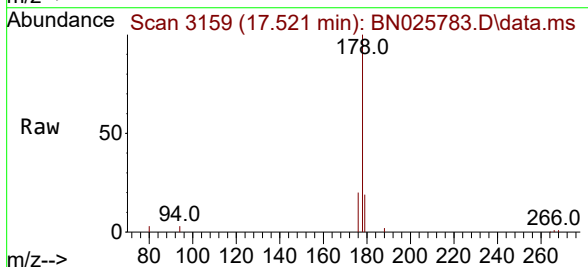
Tgt Ion:178 Resp: 17860

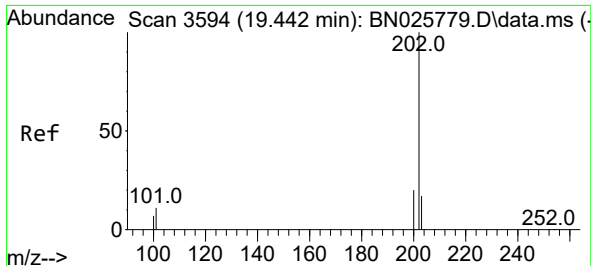
Ion Ratio Lower Upper

178 100

179 18.6 12.6 19.0

176 20.3 15.4 23.2

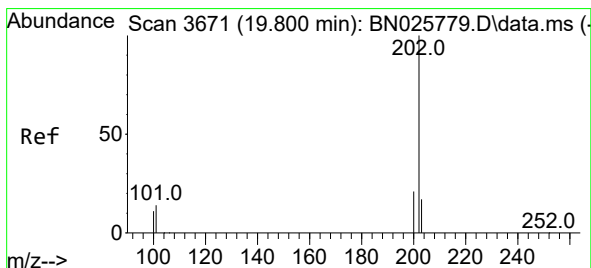
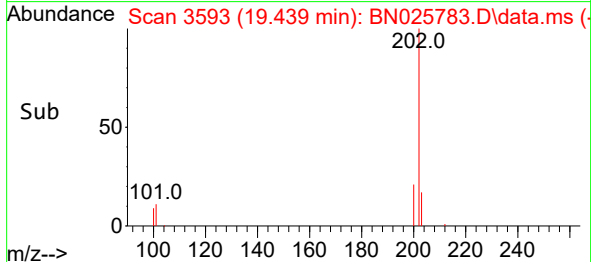
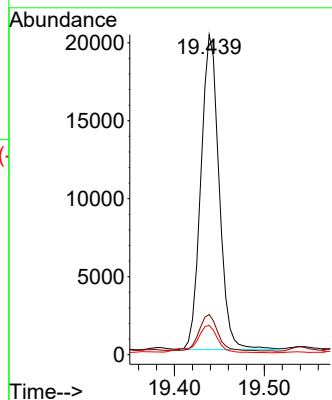
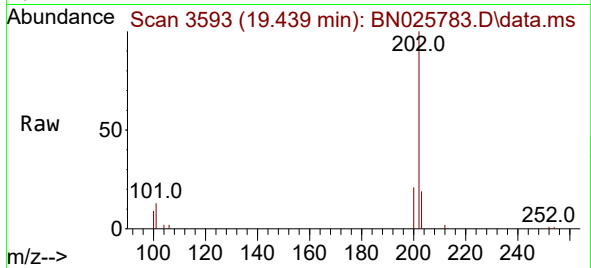




#19
Fluoranthene
Concen: 0.297 ng/ul
RT: 19.439 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

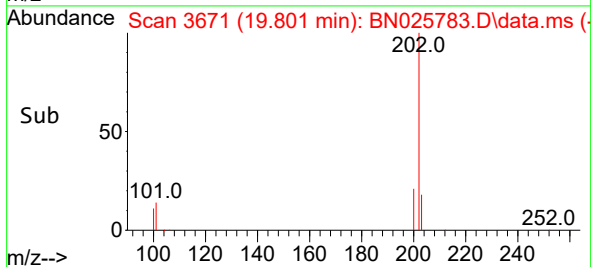
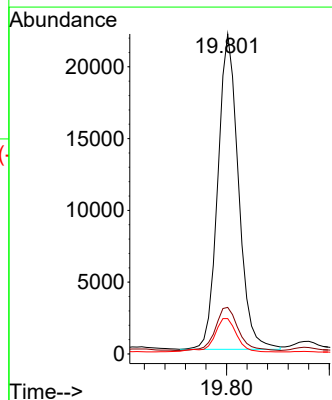
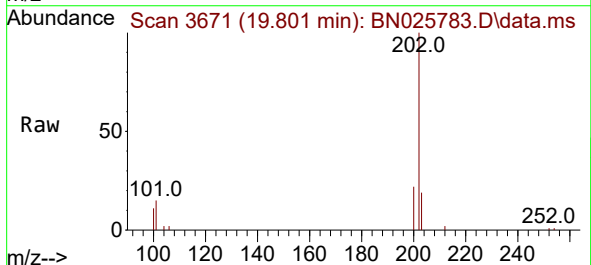
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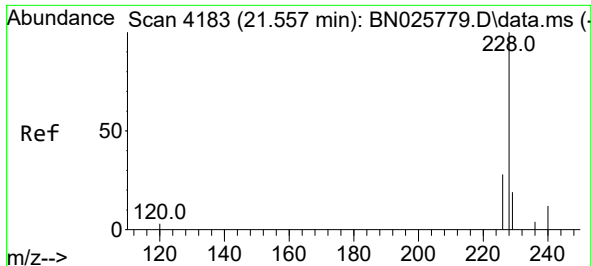
Tgt Ion:202 Resp: 28469
Ion Ratio Lower Upper
202 100
101 12.5 9.1 13.7
100 9.1 7.0 10.6



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:202 Resp: 30631
Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 11.1 8.8 13.2

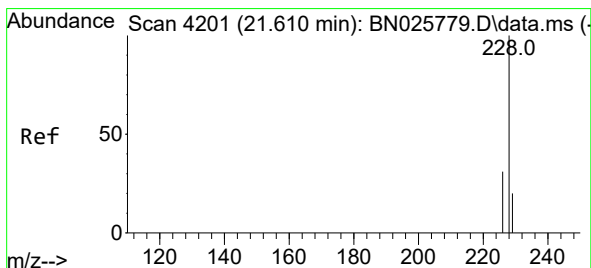
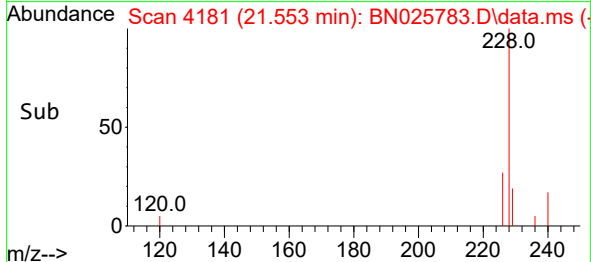
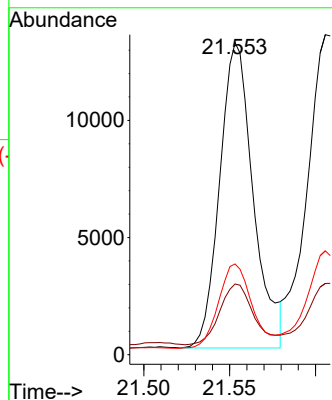
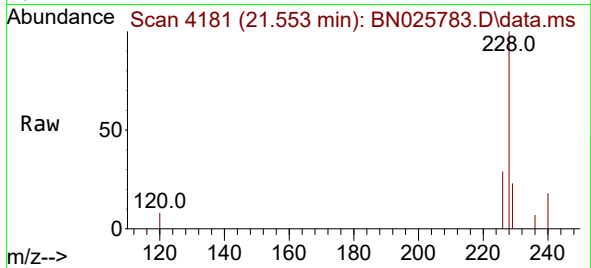




#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.553 min Scan# 4183
Delta R.T. 0.001 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

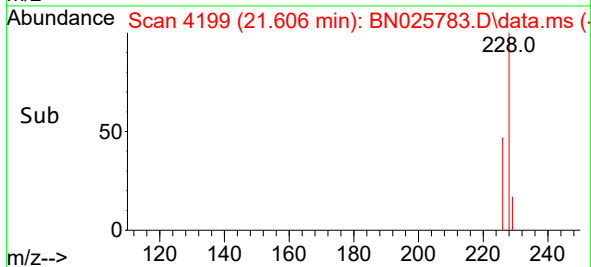
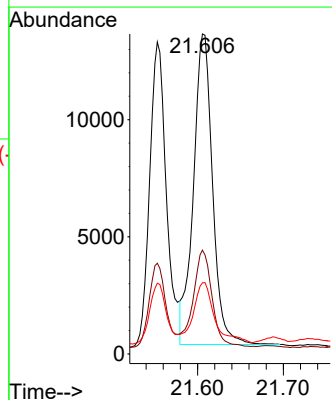
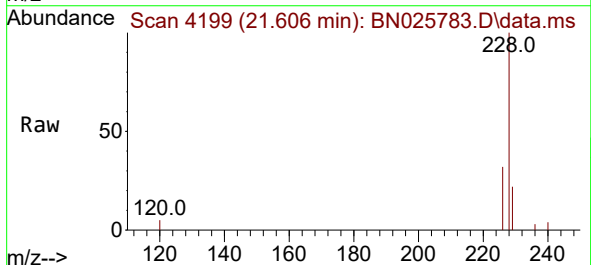
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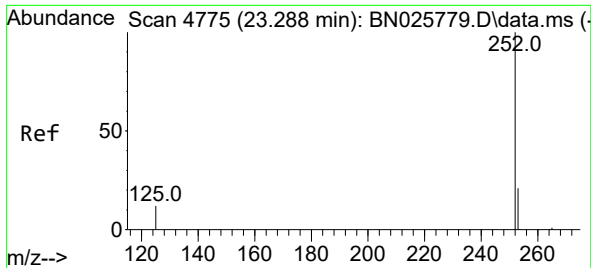
Tgt Ion:228 Resp: 17742
Ion Ratio Lower Upper
228 100
229 22.7 15.5 23.3
226 29.1 22.0 33.0



#22
Chrysene
Concen: 0.269 ng/ul
RT: 21.606 min Scan# 4199
Delta R.T. -0.002 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:228 Resp: 20514
Ion Ratio Lower Upper
228 100
226 32.5 24.7 37.1
229 22.3 15.7 23.5

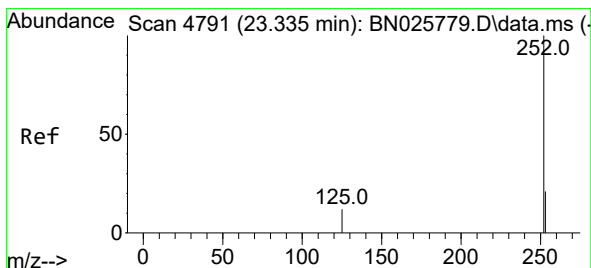
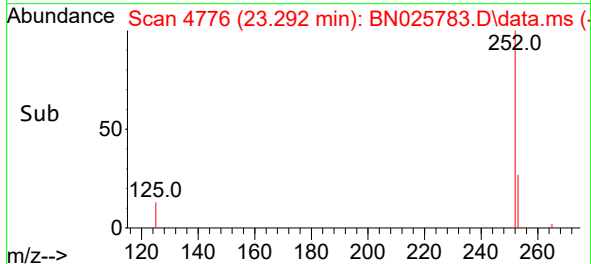
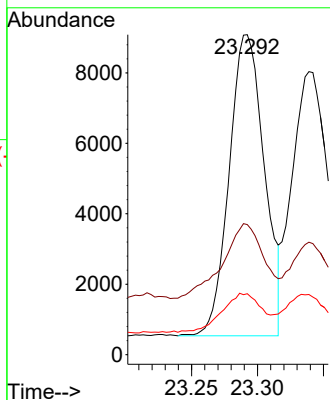
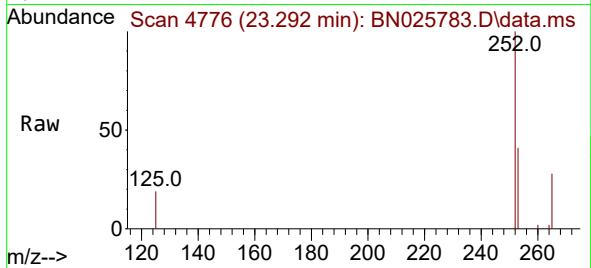




#24
Benzo(b)fluoranthene
Concen: 0.227 ng/ul
RT: 23.292 min Scan# 4776
Delta R.T. 0.001 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

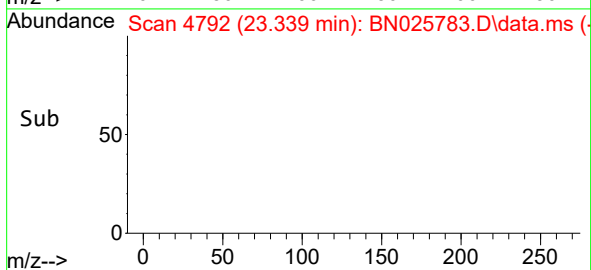
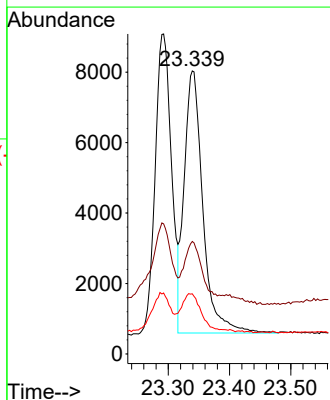
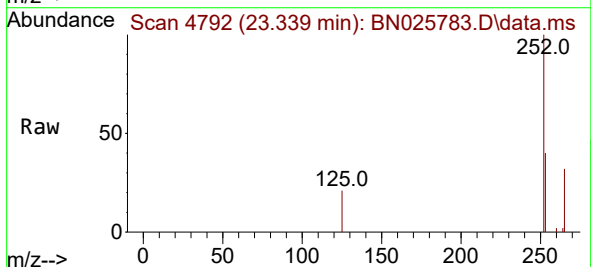
Instrument :
BNA_N
ClientSampleId :
EW999MS

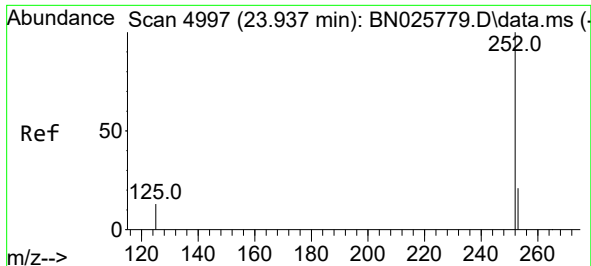
Tgt Ion:252 Resp: 15877
Ion Ratio Lower Upper
252 100
253 40.7 0.0 56.0
125 19.0 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.224 ng/ul
RT: 23.339 min Scan# 4792
Delta R.T. -0.002 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:252 Resp: 15768
Ion Ratio Lower Upper
252 100
253 39.7 23.3 34.9#
125 21.2 11.6 17.4#

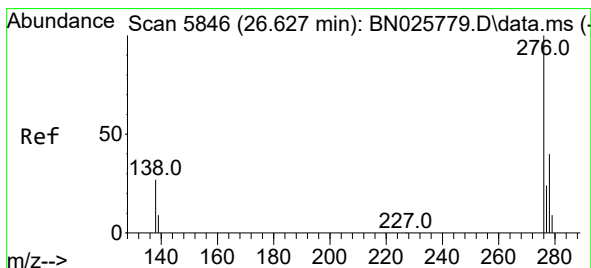
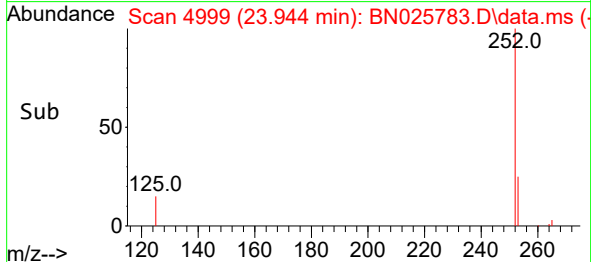
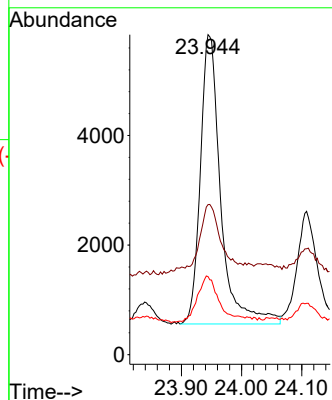
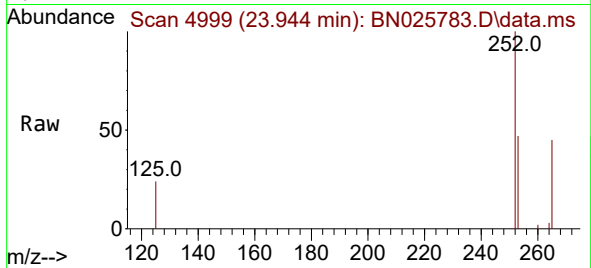




#26
Benzo(a)pyrene
Concen: 0.208 ng/ul
RT: 23.944 min Scan# 4999
Delta R.T. 0.001 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

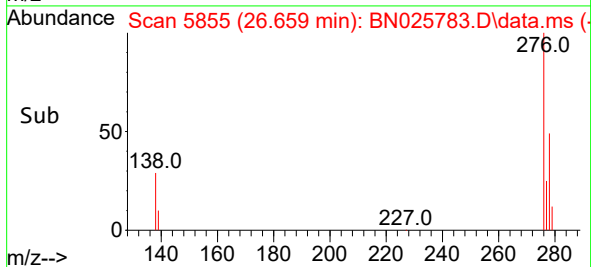
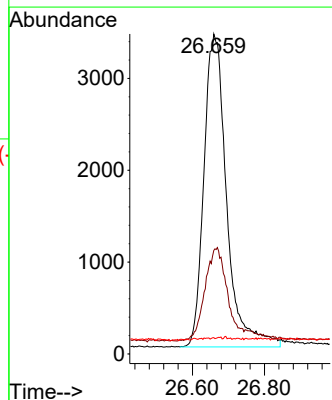
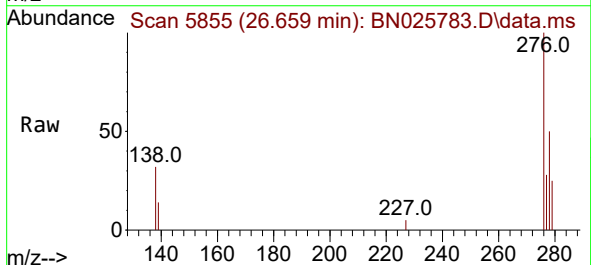
Instrument :
BNA_N
ClientSampleId :
EW999MS

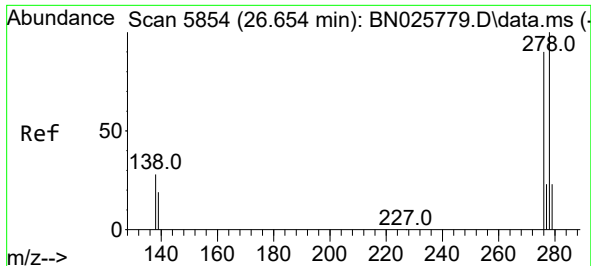
Tgt Ion:252 Resp: 12371
Ion Ratio Lower Upper
252 100
253 46.9 25.8 38.8#
125 24.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng/ul
RT: 26.659 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN025783.D
Acq: 12 Jun 2023 15:56

Tgt Ion:276 Resp: 14902
Ion Ratio Lower Upper
276 100
138 0.0 24.6 36.8#
227 0.1 0.0 0.0#

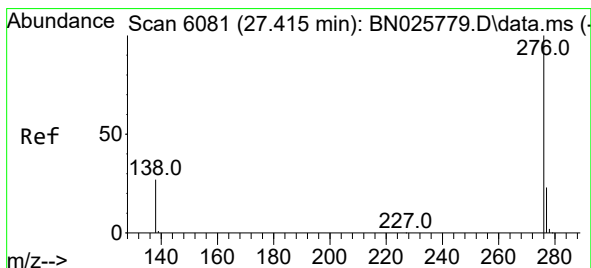
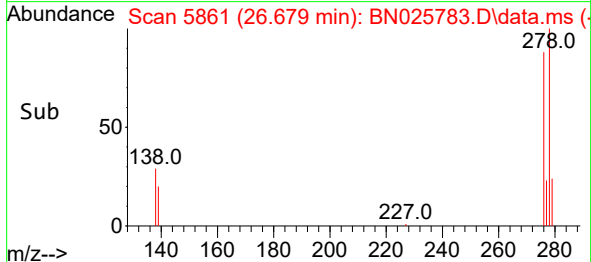
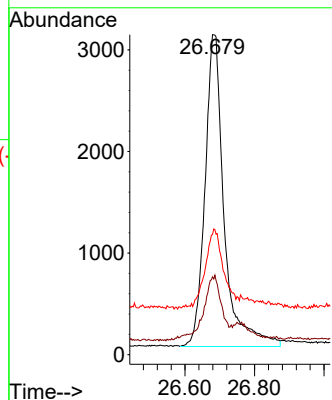
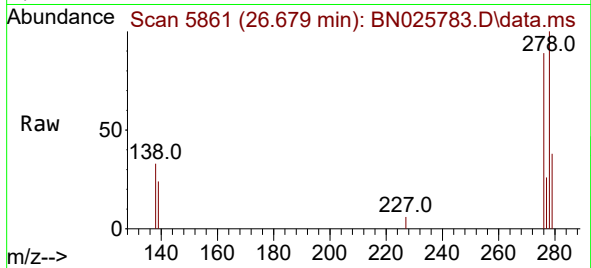




#28
 Dibenzo(a,h)anthracene
 Concen: 0.229 ng/ul
 RT: 26.679 min Scan# 5861
 Delta R.T. -0.006 min
 Lab File: BN025783.D
 Acq: 12 Jun 2023 15:56

Instrument :
 BNA_N
 ClientSampleId :
 EW999MS

Tgt Ion:278 Resp: 11760
 Ion Ratio Lower Upper
 278 100
 139 24.3 17.9 26.9
 279 37.6 25.3 37.9



#29
 Benzo(g,h,i)perylene
 Concen: 0.231 ng/ul
 RT: 27.457 min Scan# 6093
 Delta R.T. 0.008 min
 Lab File: BN025783.D
 Acq: 12 Jun 2023 15:56

Tgt Ion:276 Resp: 14029
 Ion Ratio Lower Upper
 276 100
 138 29.5 21.8 32.8
 277 26.4 19.4 29.2

