

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024657.D
 Acq On : 30 Mar 2023 23:50
 Operator : CG/JU
 Sample : 02038-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYF73MSD

Quant Time: Mar 31 02:13:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

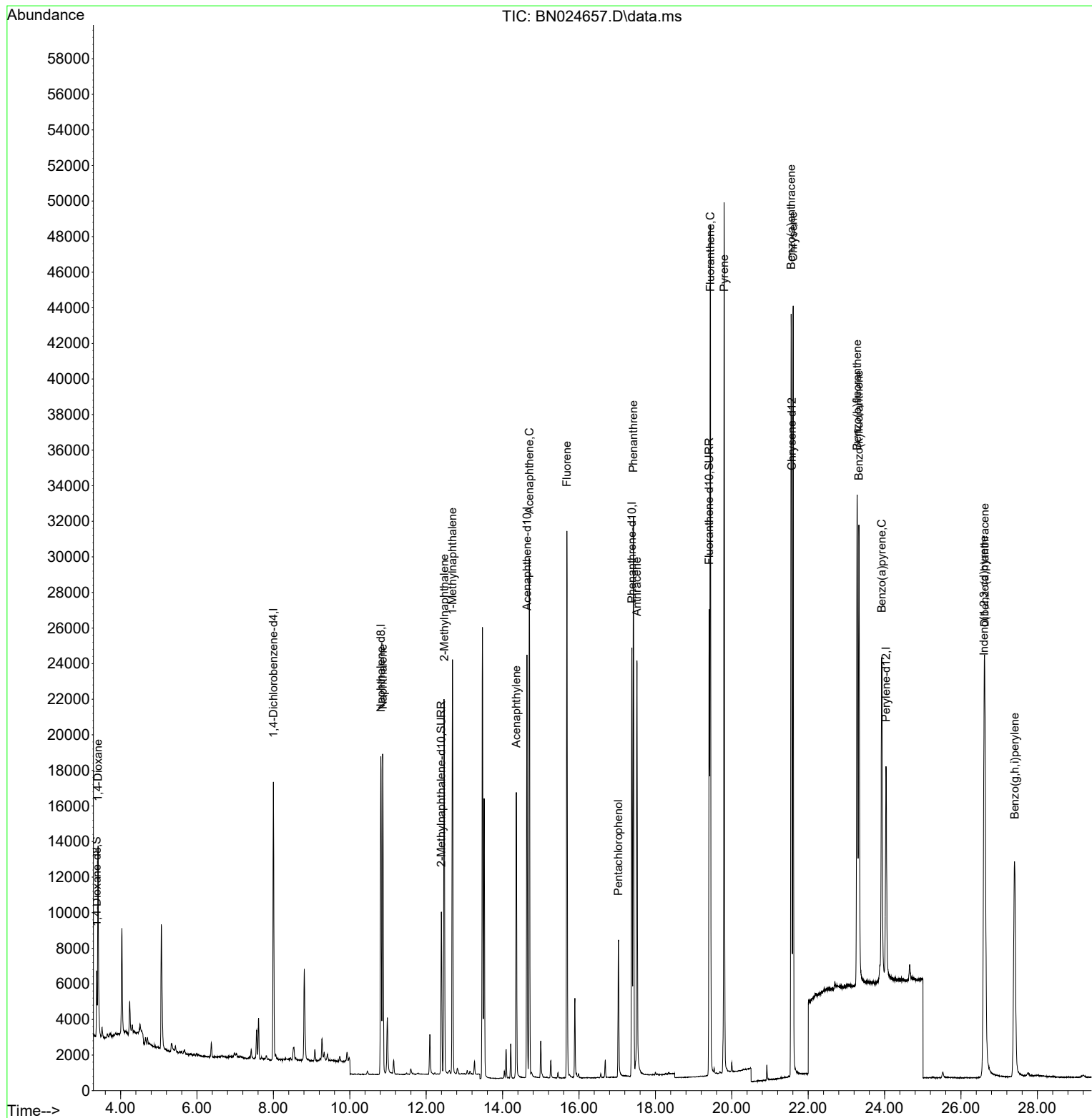
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	23595	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	27466	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	21237	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	17707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2330	0.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	11609	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27852	0.536	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	6956	0.801	ng/ul	97
5) Naphthalene	10.861	128	24508	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	15095	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	15838	0.420	ng/ul	100
10) Acenaphthylene	14.361	152	18953	0.424	ng/ul	100
11) Acenaphthene	14.698	153	16837	0.434	ng/ul	98
12) Fluorene	15.684	166	19105	0.431	ng/ul	99
14) Pentachlorophenol	17.033	266	5325	0.897	ng/ul	98
15) Phenanthrene	17.426	178	33885	0.450	ng/ul	100
16) Anthracene	17.515	178	27449	0.436	ng/ul	100
19) Fluoranthene	19.436	202	40251	0.538	ng/ul	98
20) Pyrene	19.799	202	41200	0.541	ng/ul	97
21) Benzo(a)anthracene	21.554	228	34019	0.533	ng/ul	99
22) Chrysene	21.606	228	37680	0.537	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	37217	0.506	ng/ul	99
25) Benzo(k)fluoranthene	23.328	252	35917	0.507	ng/ul	99
26) Benzo(a)pyrene	23.924	252	29459	0.509	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	34764	0.504	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.623	278	27458	0.498	ng/ul	98
29) Benzo(g,h,i)perylene	27.404	276	28860	0.487	ng/ul	98

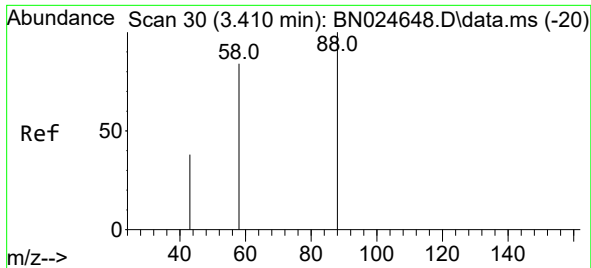
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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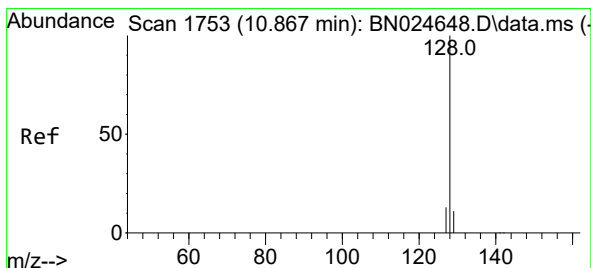
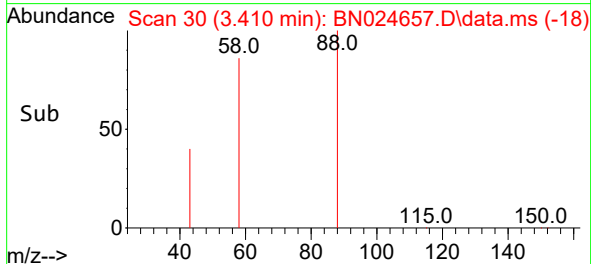
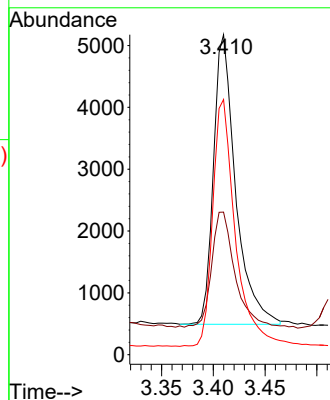
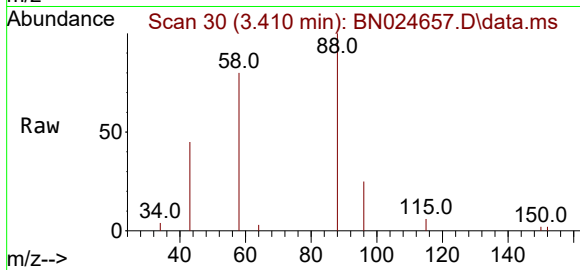




#2
 1,4-Dioxane
 Concen: 0.801 ng/ul
 RT: 3.410 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

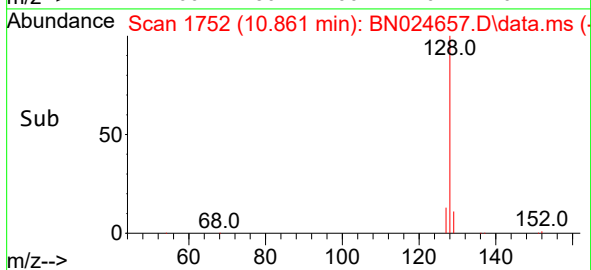
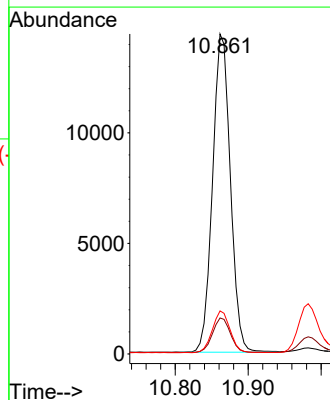
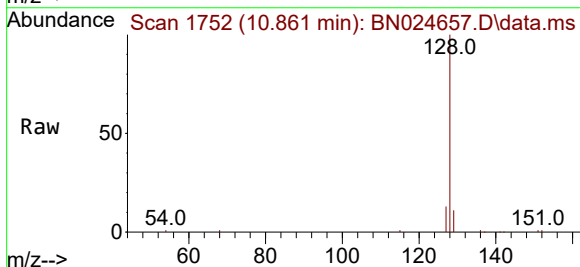
Instrument :
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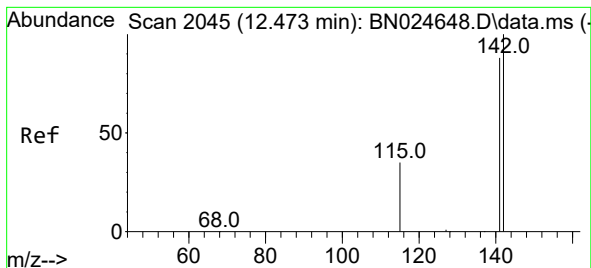
Tgt Ion: 88 Resp: 6956
 Ion Ratio Lower Upper
 88 100
 43 44.6 37.2 55.8
 58 79.8 61.5 92.3



#5
 Naphthalene
 Concen: 0.423 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

Tgt Ion: 128 Resp: 24508
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.4 10.5 15.7

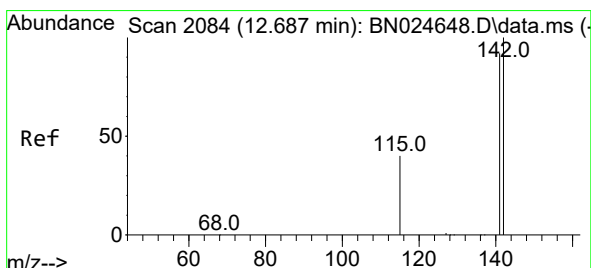
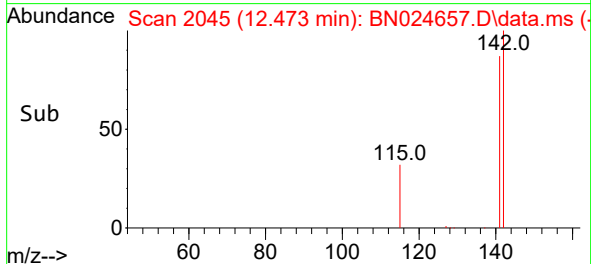
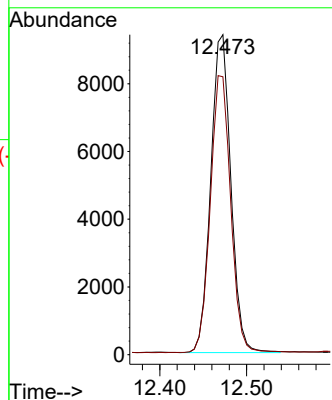
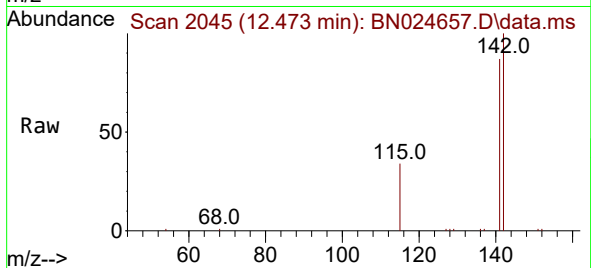




#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.473 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

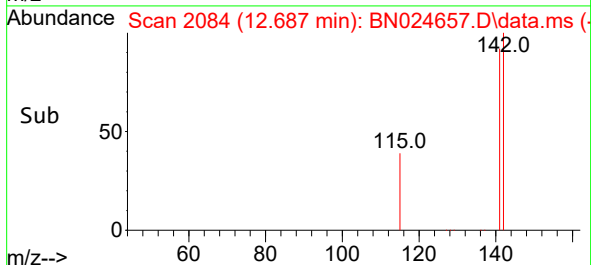
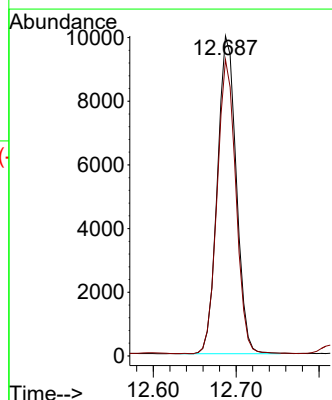
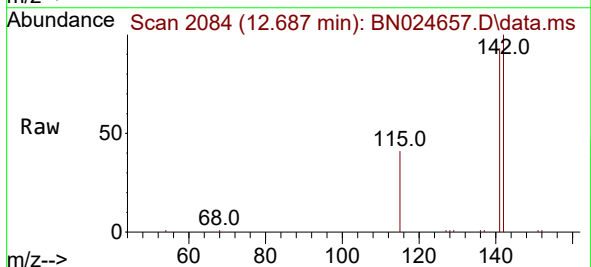
Instrument :
BNA_N
ClientSampleId :
EYF73MSD

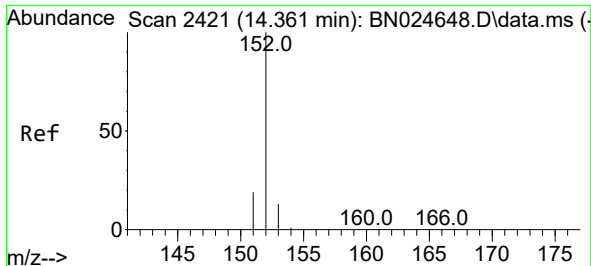
Tgt Ion:142 Resp: 15095
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:142 Resp: 15838
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3

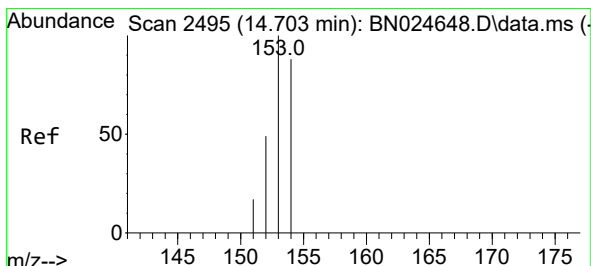
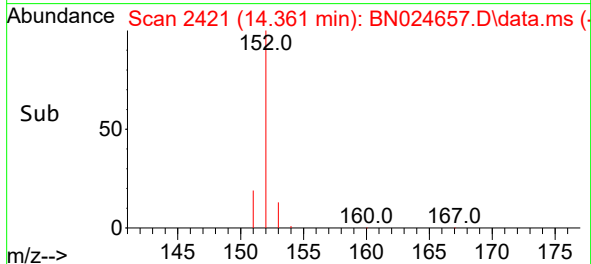
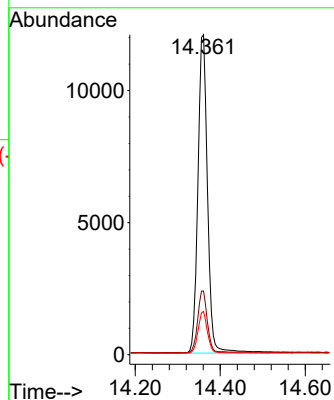
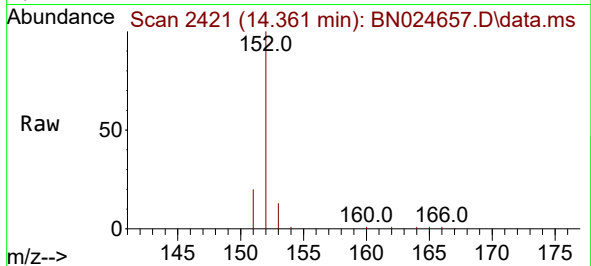




#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.361 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

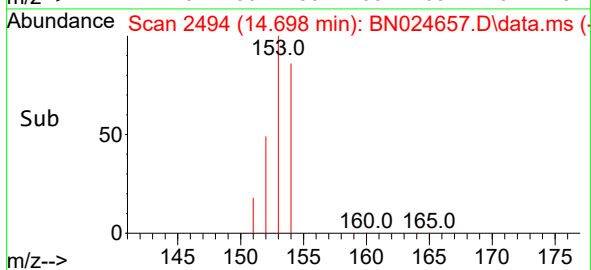
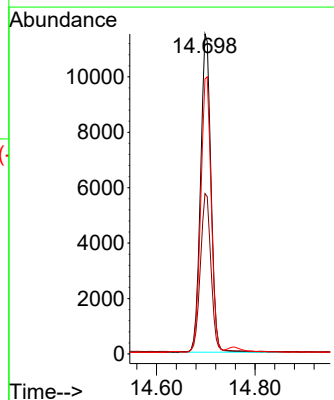
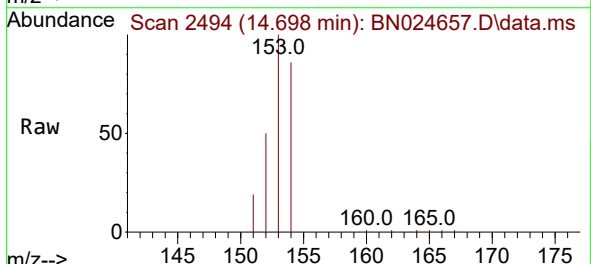
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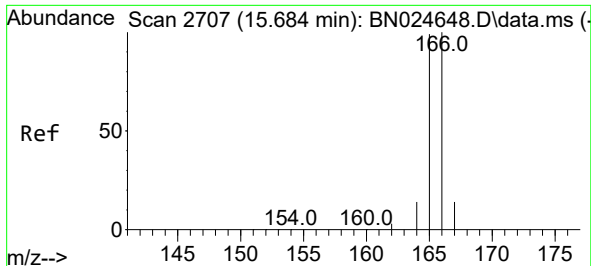
Tgt Ion:152 Resp: 18953
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:153 Resp: 16837
Ion Ratio Lower Upper
153 100
152 50.1 40.3 60.5
154 86.0 71.0 106.4

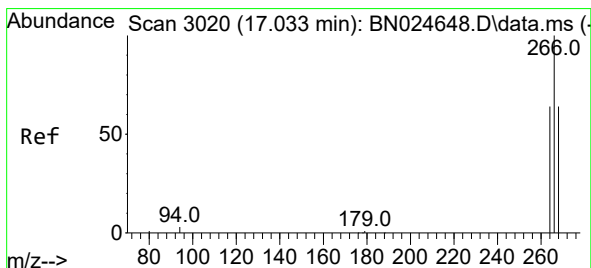
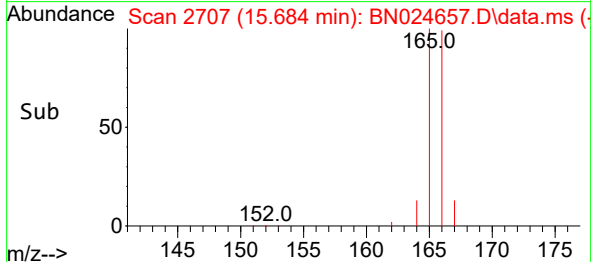
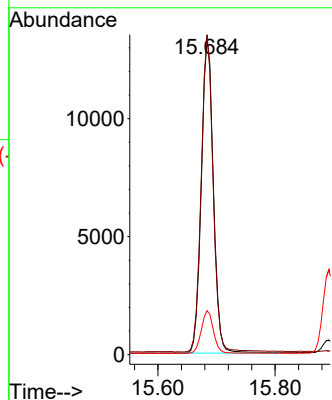
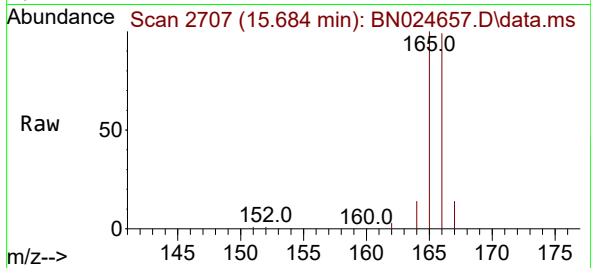




#12
 Fluorene
 Concen: 0.431 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

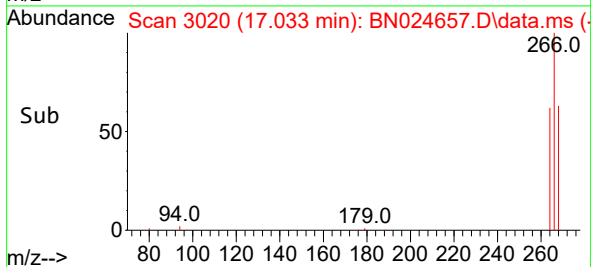
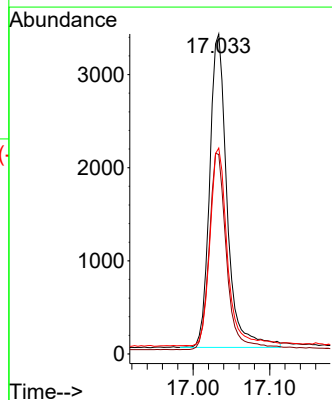
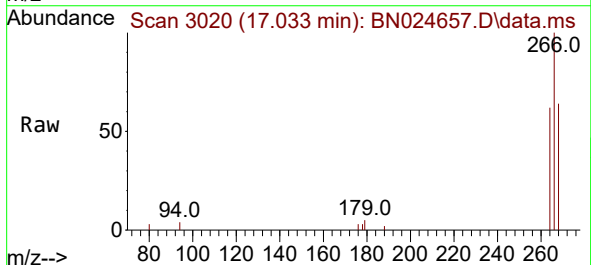
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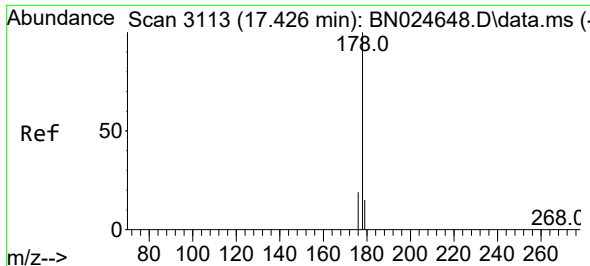
Tgt Ion:166 Resp: 19105
 Ion Ratio Lower Upper
 166 100
 165 101.2 80.0 120.0
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.897 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. 0.000 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

Tgt Ion:266 Resp: 5325
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.6 74.4
 268 63.1 52.6 78.8

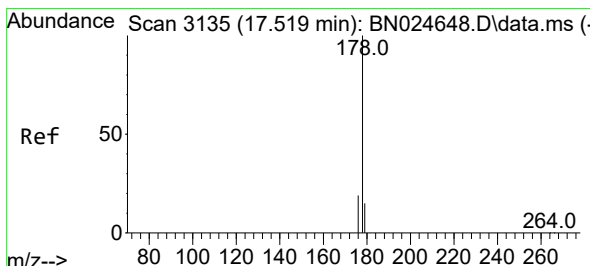
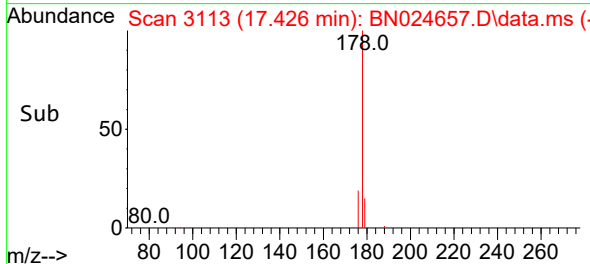
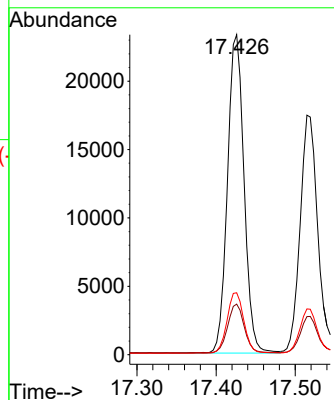
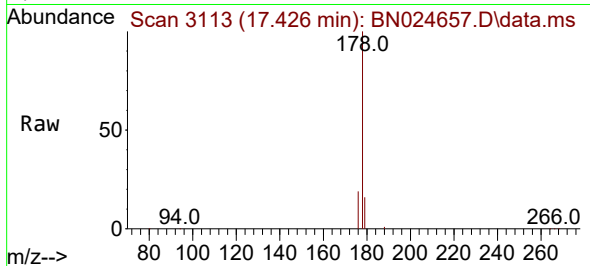




#15
Phenanthrene
Concen: 0.450 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

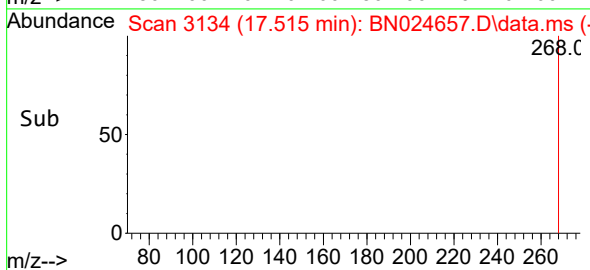
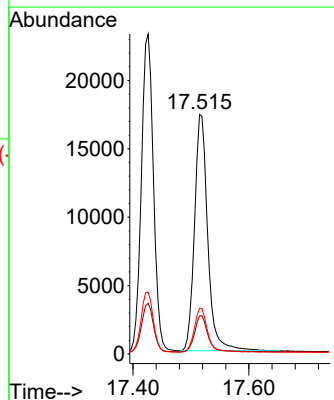
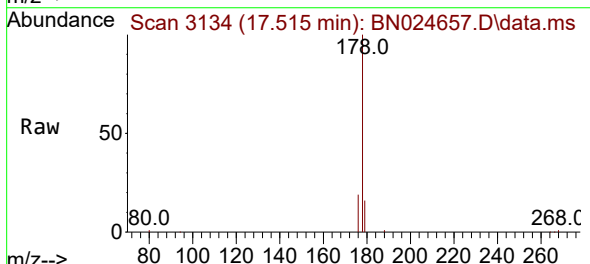
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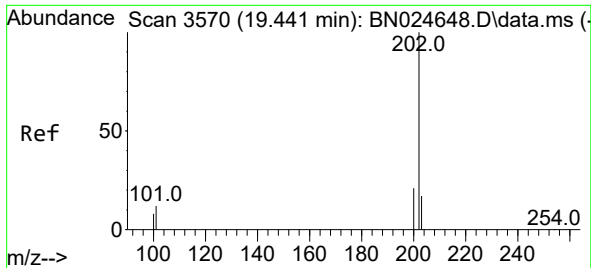
Tgt Ion:	178	Resp:	33885
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.4	15.5	23.3



#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:	178	Resp:	27449
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.1	15.2	22.8

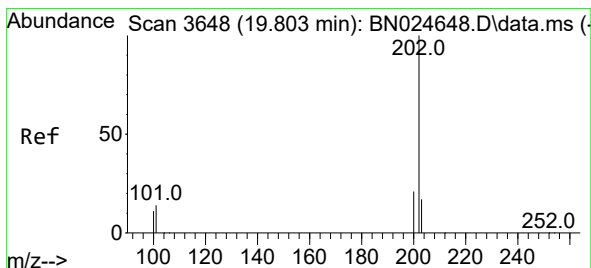
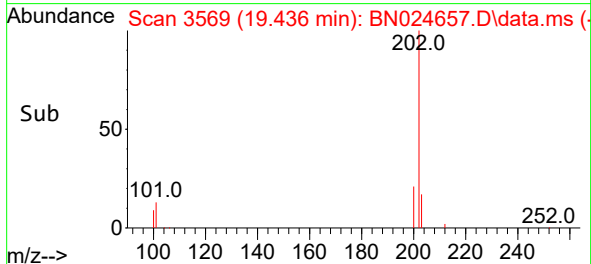
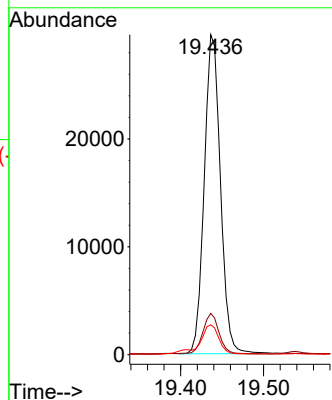
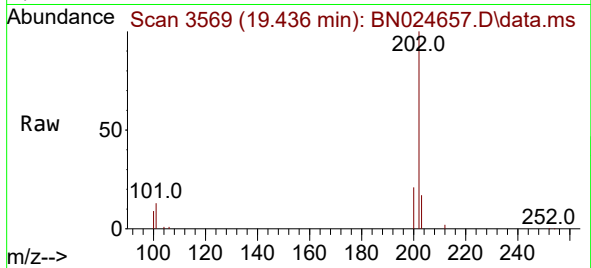




#19
Fluoranthene
Concen: 0.538 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

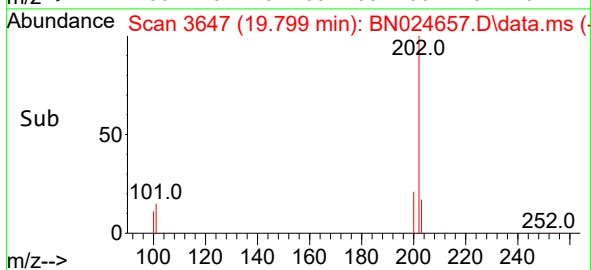
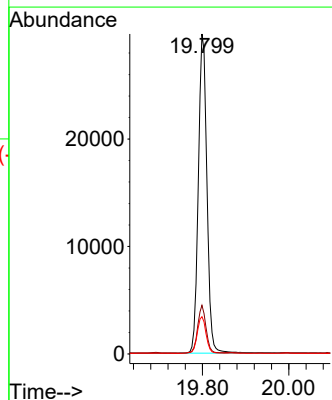
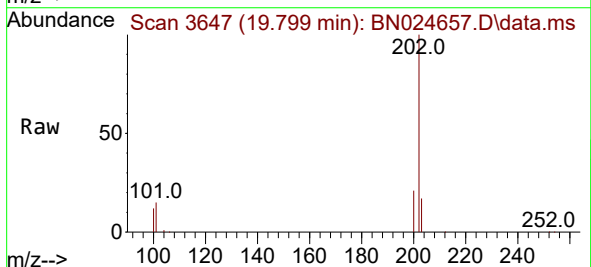
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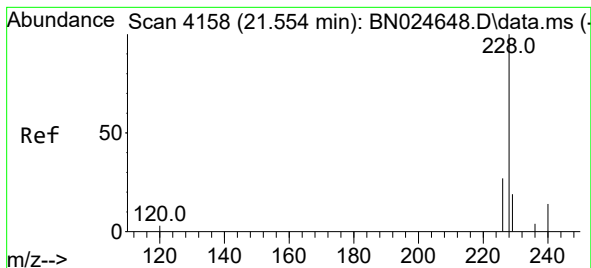
Tgt Ion:202 Resp: 40251
Ion Ratio Lower Upper
202 100
101 12.9 9.6 14.4
100 9.4 7.0 10.6



#20
Pyrene
Concen: 0.541 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:202 Resp: 41200
Ion Ratio Lower Upper
202 100
101 15.2 10.9 16.3
100 11.7 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.533 ng/ul

RT: 21.554 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BN024657.D

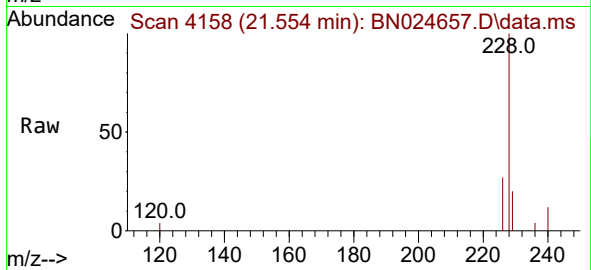
Acq: 30 Mar 2023 23:50

Instrument :

BNA_N

ClientSampleId :

EYF73MSD



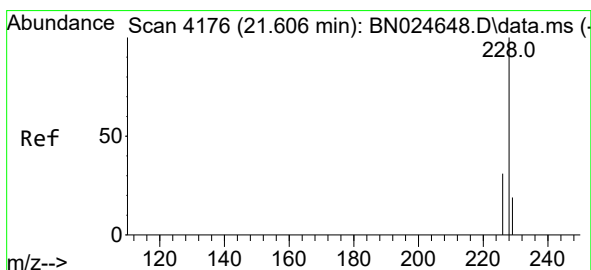
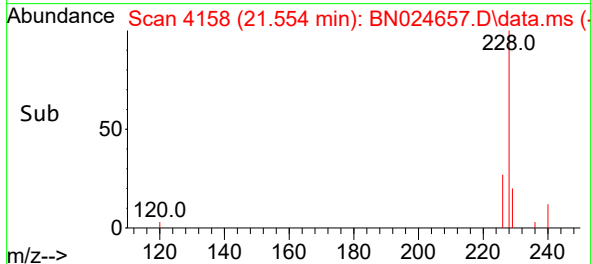
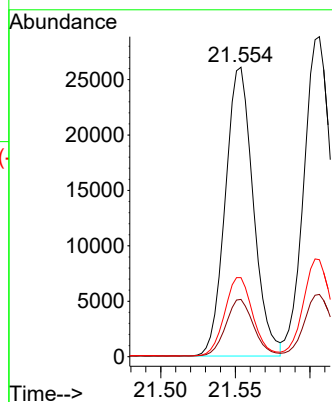
Tgt Ion:228 Resp: 34019

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.3 22.5 33.7



#22

Chrysene

Concen: 0.537 ng/ul

RT: 21.606 min Scan# 4176

Delta R.T. 0.000 min

Lab File: BN024657.D

Acq: 30 Mar 2023 23:50

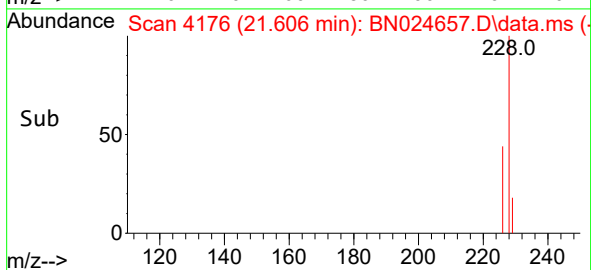
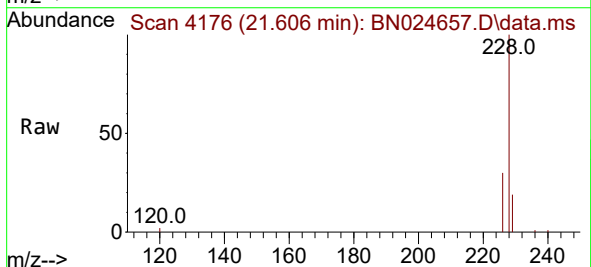
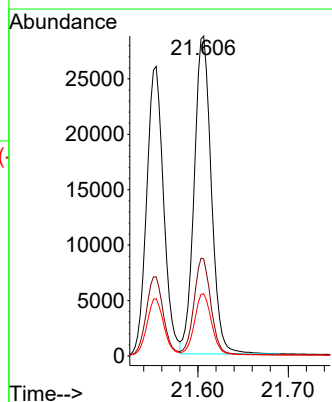
Tgt Ion:228 Resp: 37680

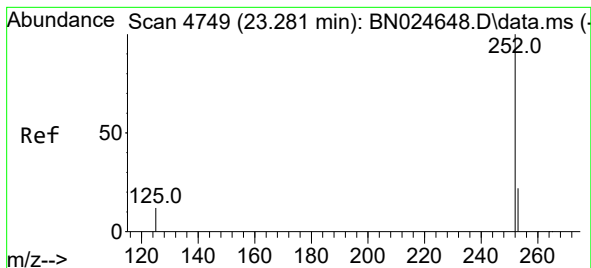
Ion Ratio Lower Upper

228 100

226 30.3 24.6 37.0

229 19.4 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.506 ng/ul

RT: 23.281 min Scan# 4749

Delta R.T. 0.000 min

Lab File: BN024657.D

Acq: 30 Mar 2023 23:50

Instrument :

BNA_N

ClientSampleId :

EYF73MSD

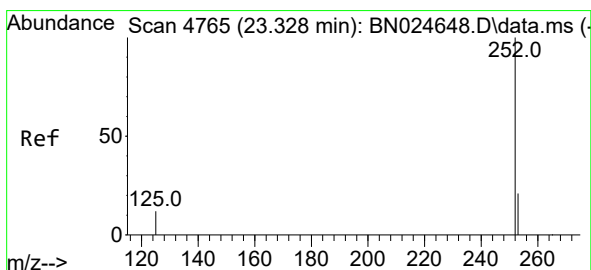
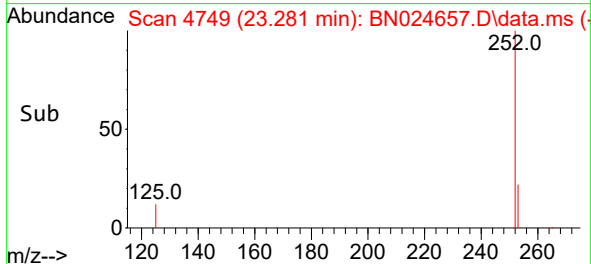
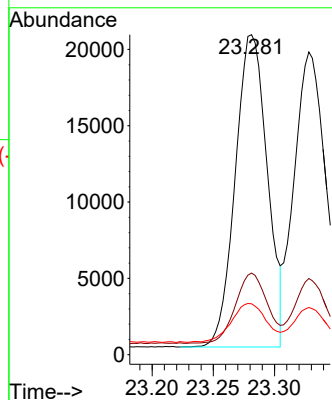
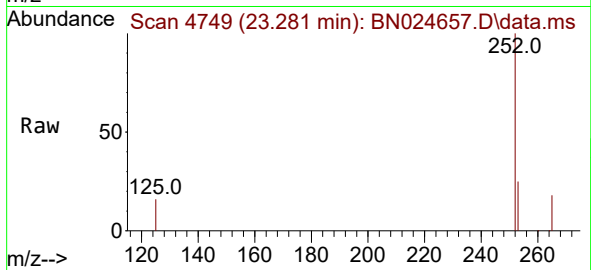
Tgt Ion:252 Resp: 37217

Ion Ratio Lower Upper

252 100

253 25.5 0.0 49.6

125 15.9 0.0 32.4



#25

Benzo(k)fluoranthene

Concen: 0.507 ng/ul

RT: 23.328 min Scan# 4765

Delta R.T. 0.000 min

Lab File: BN024657.D

Acq: 30 Mar 2023 23:50

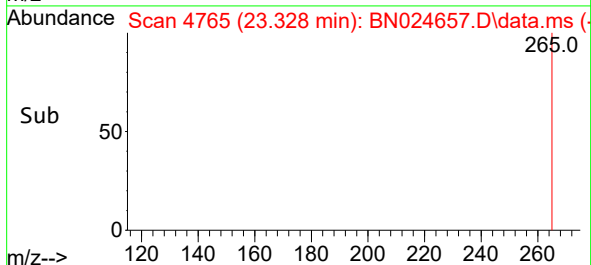
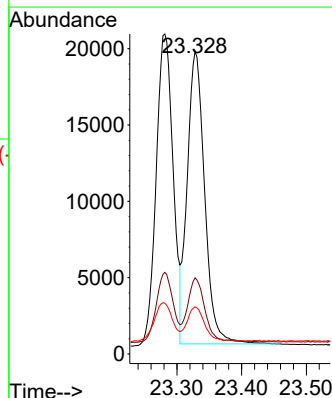
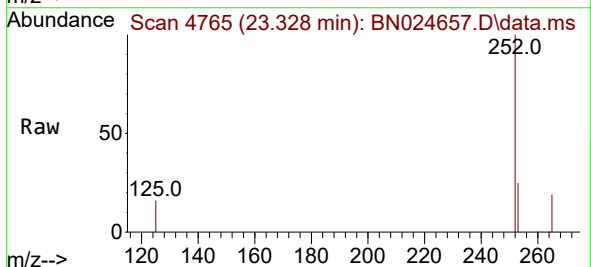
Tgt Ion:252 Resp: 35917

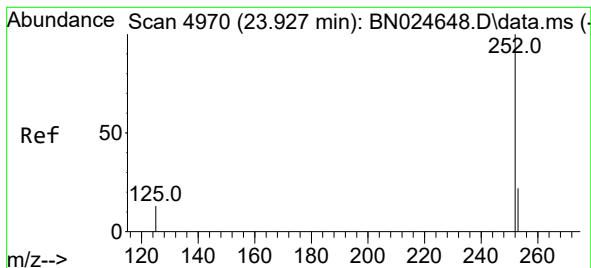
Ion Ratio Lower Upper

252 100

253 25.2 20.2 30.2

125 15.6 13.1 19.7





#26

Benzo(a)pyrene

Concen: 0.509 ng/ul

RT: 23.924 min Scan# 4969

Delta R.T. -0.003 min

Lab File: BN024657.D

Acq: 30 Mar 2023 23:50

Instrument :

BNA_N

ClientSampleId :

EYF73MSD

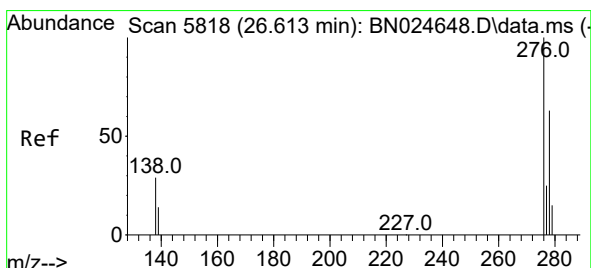
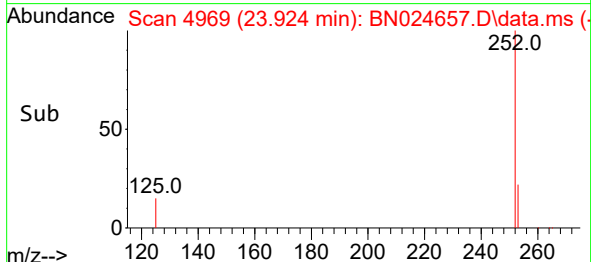
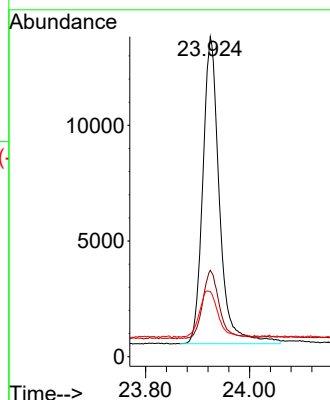
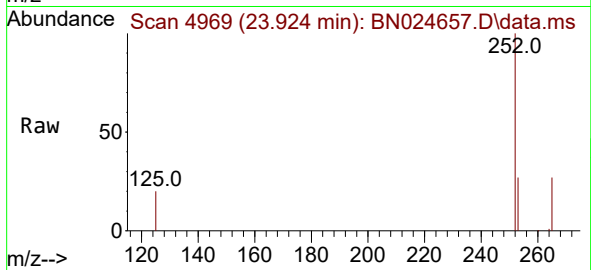
Tgt Ion:252 Resp: 29459

Ion Ratio Lower Upper

252 100

253 27.0 21.8 32.8

125 20.4 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.504 ng/ul

RT: 26.603 min Scan# 5815

Delta R.T. -0.010 min

Lab File: BN024657.D

Acq: 30 Mar 2023 23:50

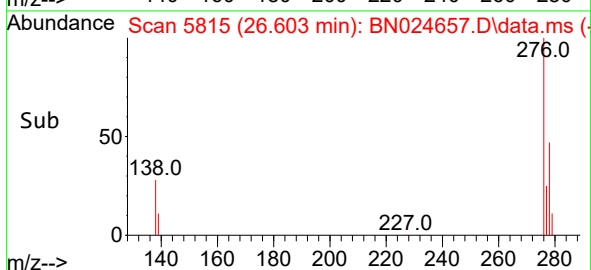
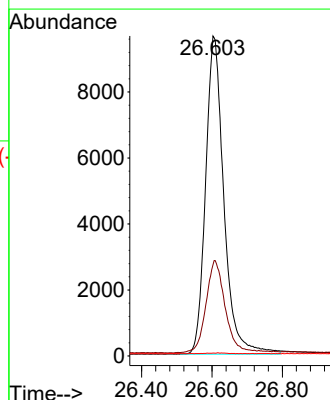
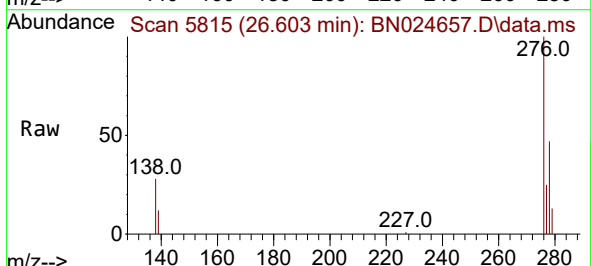
Tgt Ion:276 Resp: 34764

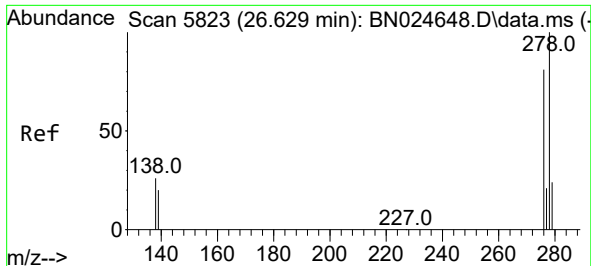
Ion Ratio Lower Upper

276 100

138 30.3 24.6 36.8

227 0.1 0.1 0.1#

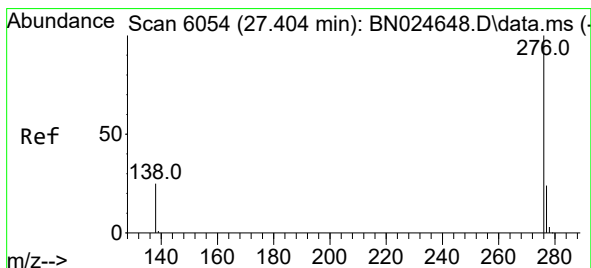
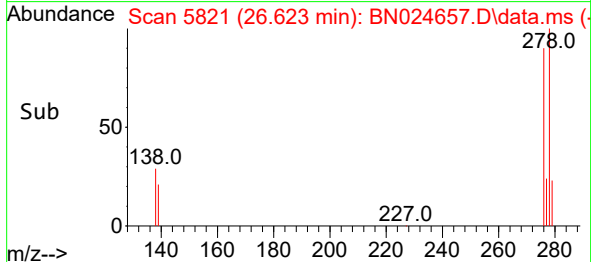
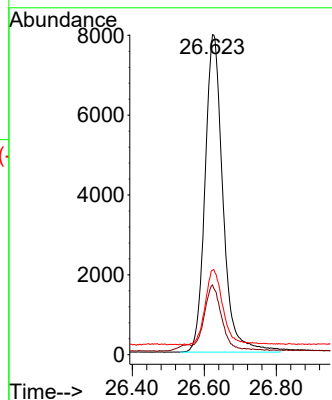
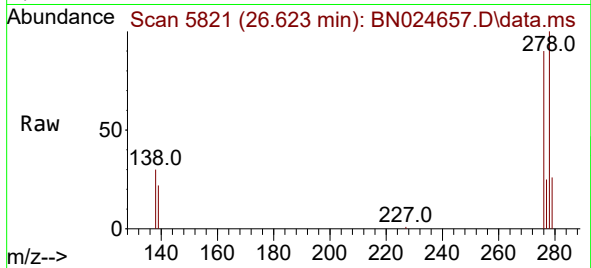




#28
 Dibenzo(a,h)anthracene
 Concen: 0.498 ng/ul
 RT: 26.623 min Scan# 5823
 Delta R.T. -0.007 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

Instrument :
 BNA_N
 ClientSampleId :
 EYF73MSD

Tgt Ion: 278 Resp: 27458
 Ion Ratio Lower Upper
 278 100
 139 21.8 16.5 24.7
 279 26.4 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.487 ng/ul
 RT: 27.404 min Scan# 6054
 Delta R.T. 0.000 min
 Lab File: BN024657.D
 Acq: 30 Mar 2023 23:50

Tgt Ion: 276 Resp: 28860
 Ion Ratio Lower Upper
 276 100
 138 25.7 21.4 32.2
 277 24.2 19.8 29.6

