

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025271.D
 Acq On : 05 May 2023 09:33
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4295

Quant Time: May 06 04:05:46 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 : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

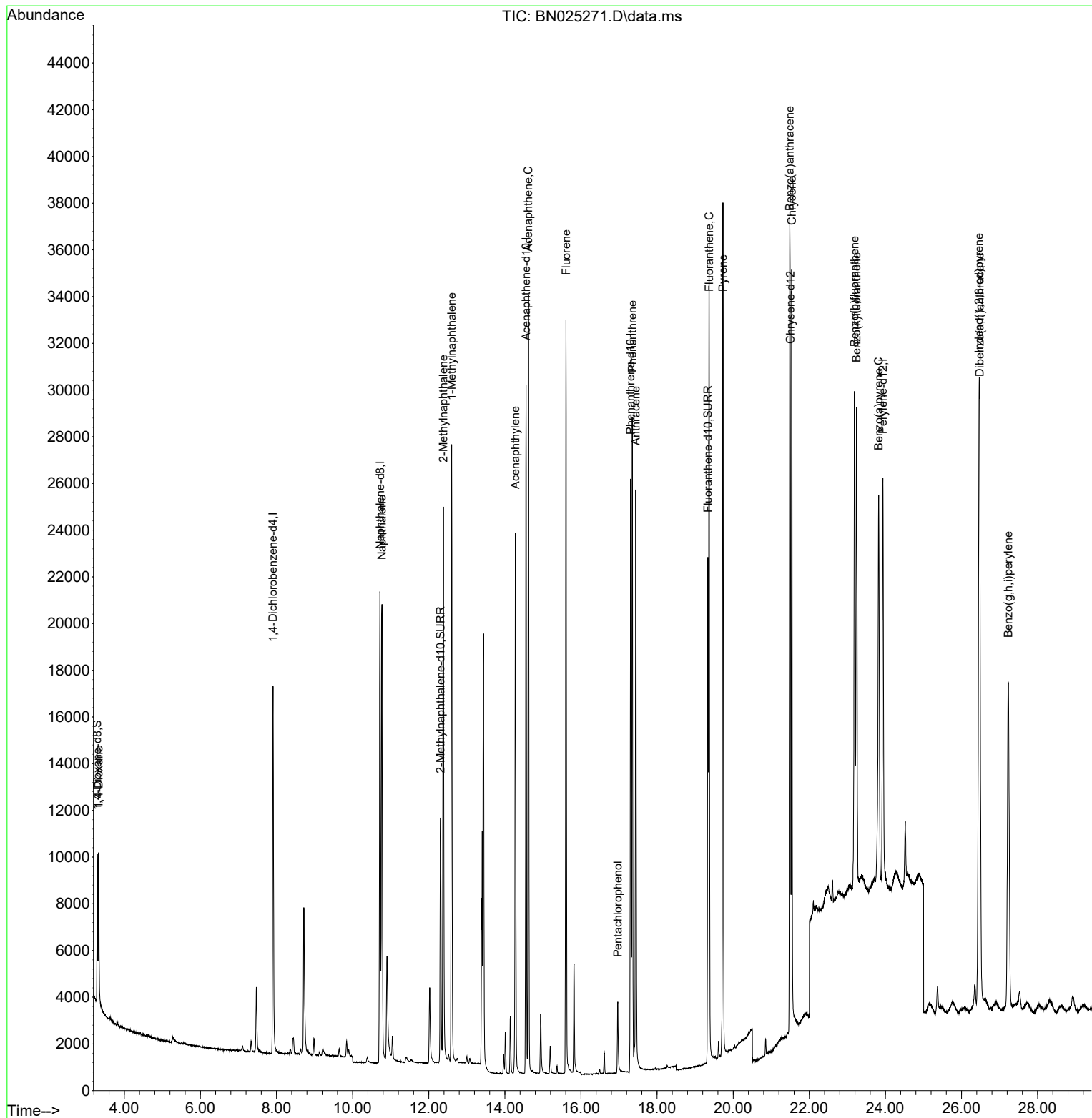
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	8804	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28356	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	15862	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	29254	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	20243	0.400	ng/ul	0.00
23) Perylene-d12	23.935	264	23386	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3544	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	14659	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	23140	0.433	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.327	88	3876	0.395	ng/ul#	86
5) Naphthalene	10.770	128	28143	0.387	ng/ul	100
7) 2-Methylnaphthalene	12.382	142	17582	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.602	142	18567	0.391	ng/ul	100
10) Acenaphthylene	14.279	152	27187	0.460	ng/ul	99
11) Acenaphthene	14.617	153	19643	0.394	ng/ul	99
12) Fluorene	15.607	166	20934	0.376	ng/ul	99
14) Pentachlorophenol	16.967	266	2331	0.406	ng/ul	99
15) Phenanthrene	17.347	178	30655	0.371	ng/ul	100
16) Anthracene	17.440	178	28665	0.424	ng/ul	100
19) Fluoranthene	19.368	202	30990	0.423	ng/ul	100
20) Pyrene	19.731	202	32123	0.427	ng/ul	99
21) Benzo(a)anthracene	21.485	228	27501	0.451	ng/ul	97
22) Chrysene	21.538	228	27105	0.407	ng/ul	97
24) Benzo(b)fluoranthene	23.189	252	30718	0.324	ng/ul	91
25) Benzo(k)fluoranthene	23.242	252	30004	0.329	ng/ul#	91
26) Benzo(a)pyrene	23.824	252	27133	0.346	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.460	276	36764	0.406	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.477	278	29254	0.414	ng/ul	94
29) Benzo(g,h,i)perylene	27.228	276	30739	0.400	ng/ul	94

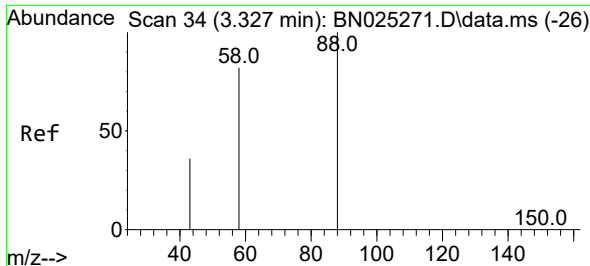
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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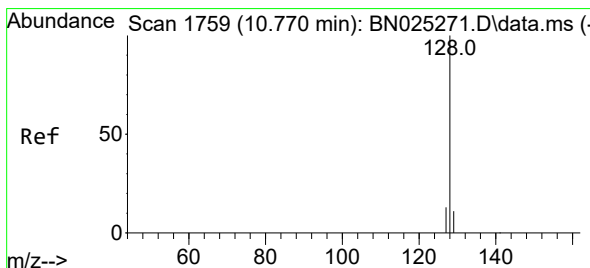
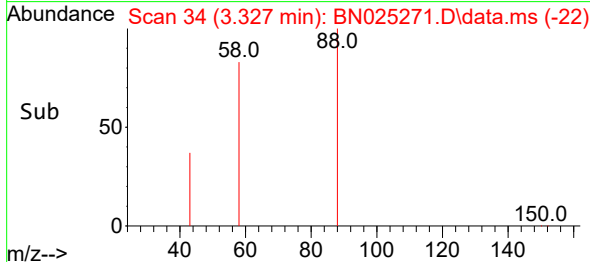
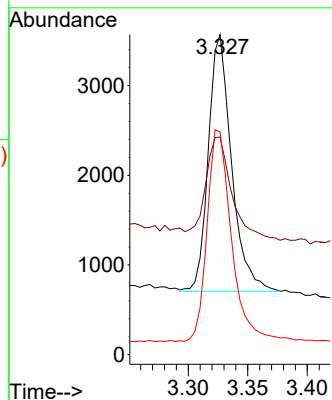
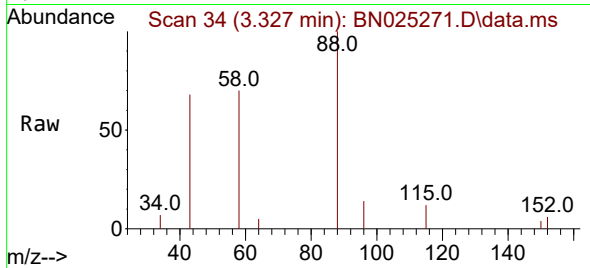




#2
 1,4-Dioxane
 Concen: 0.395 ng/ul
 RT: 3.327 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN025271.D
 Acq: 05 May 2023 09:33

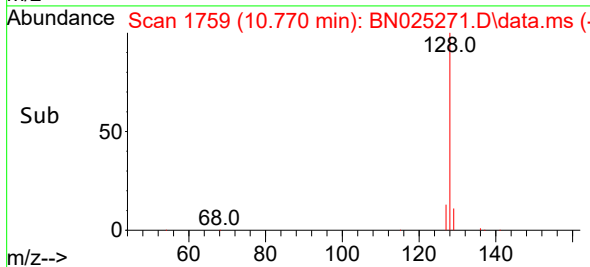
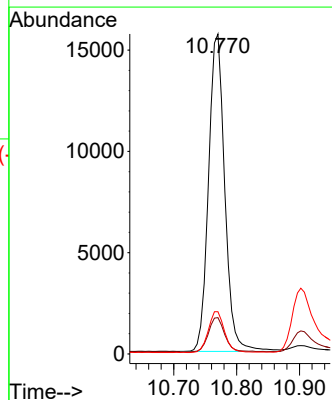
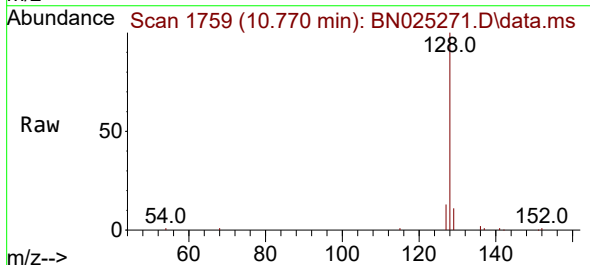
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4295

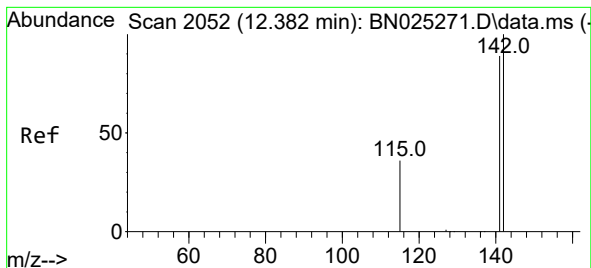
Tgt Ion: 88 Resp: 3876
 Ion Ratio Lower Upper
 88 100
 43 68.0 37.0 55.4#
 58 69.6 56.9 85.3



#5
 Naphthalene
 Concen: 0.387 ng/ul
 RT: 10.770 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN025271.D
 Acq: 05 May 2023 09:33

Tgt Ion: 128 Resp: 28143
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.2 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.395 ng/ul

RT: 12.382 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BN025271.D

Acq: 05 May 2023 09:33

Instrument :

BNA_N

ClientSampleId :

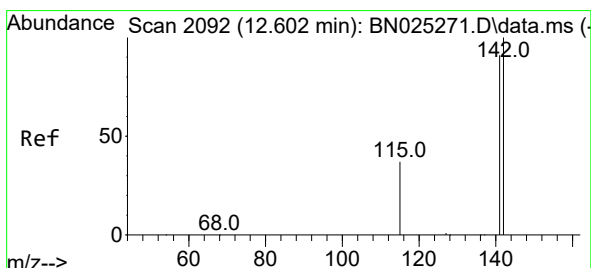
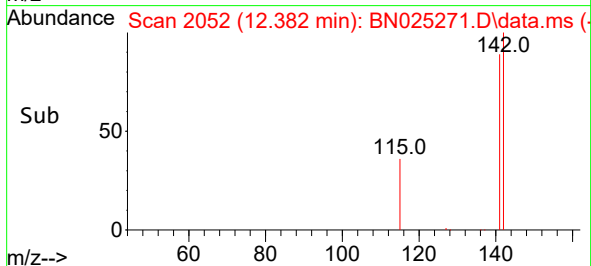
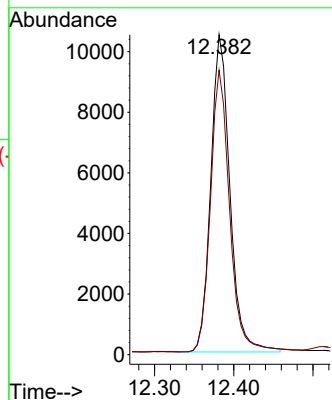
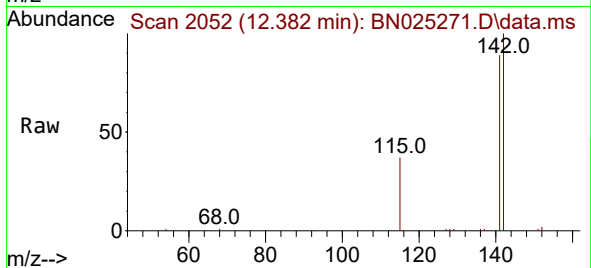
SSTD0.4295

Tgt Ion:142 Resp: 17582

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.0



#8

1-Methylnaphthalene

Concen: 0.391 ng/ul

RT: 12.602 min Scan# 2092

Delta R.T. 0.000 min

Lab File: BN025271.D

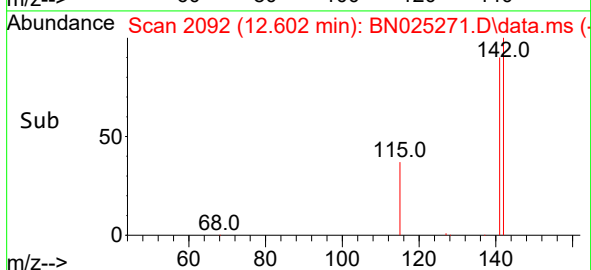
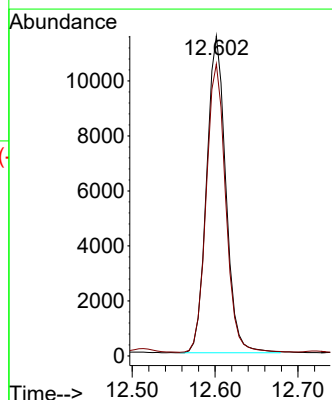
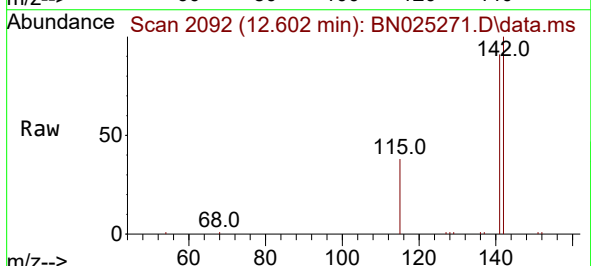
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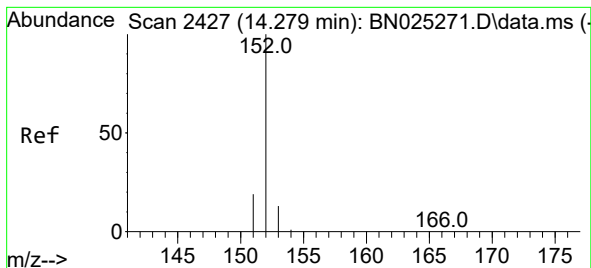
Tgt Ion:142 Resp: 18567

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6





#10

Acenaphthylene

Concen: 0.460 ng/ul

RT: 14.279 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BN025271.D

Acq: 05 May 2023 09:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.4295

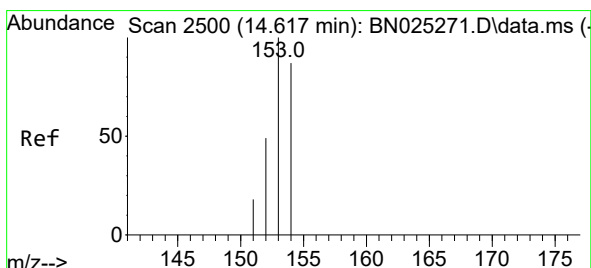
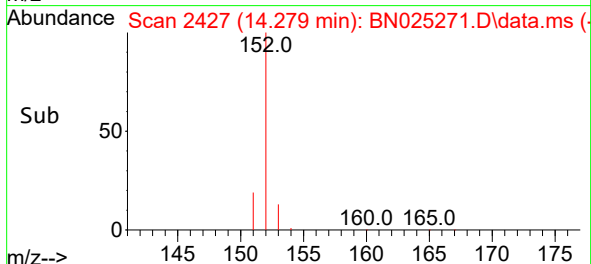
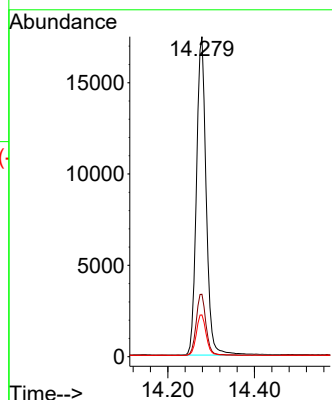
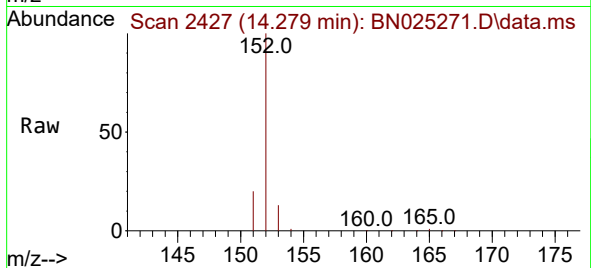
Tgt Ion:152 Resp: 27187

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 13.1 10.8 16.2



#11

Acenaphthene

Concen: 0.394 ng/ul

RT: 14.617 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BN025271.D

Acq: 05 May 2023 09:33

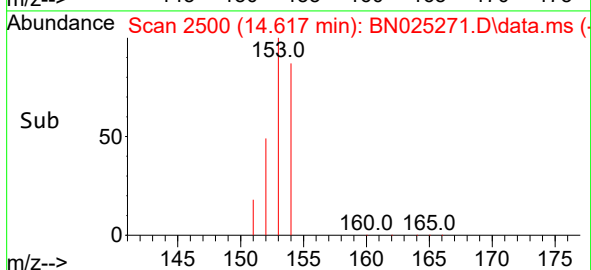
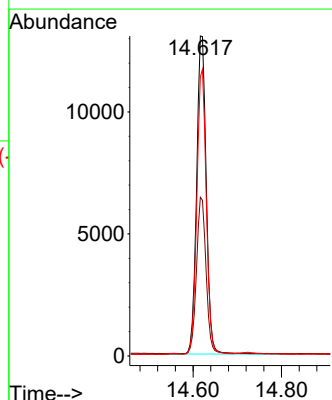
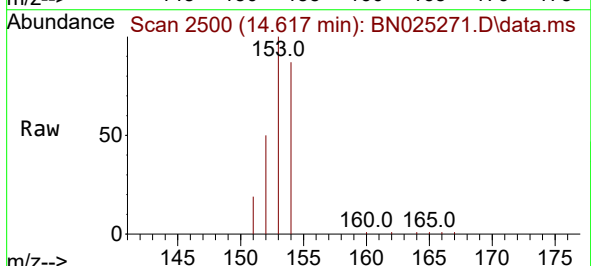
Tgt Ion:153 Resp: 19643

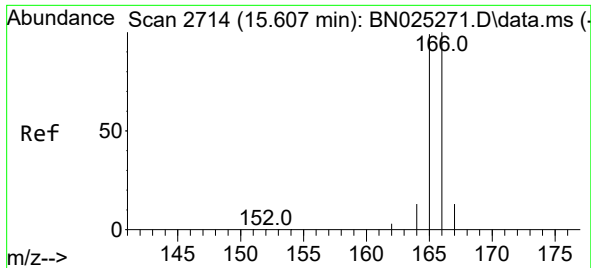
Ion Ratio Lower Upper

153 100

152 49.6 40.2 60.4

154 87.2 69.4 104.2

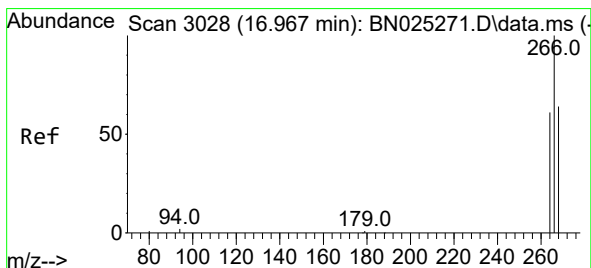
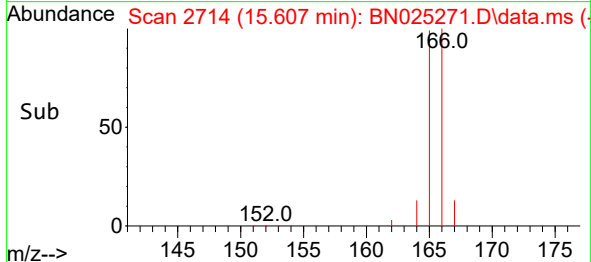
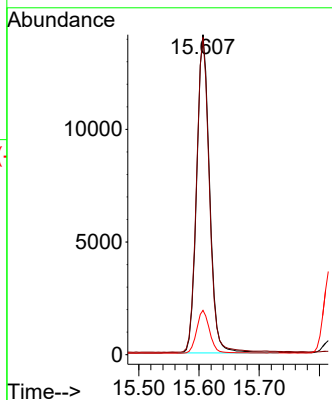
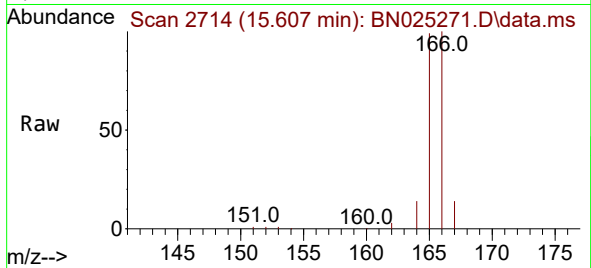




#12
 Fluorene
 Concen: 0.376 ng/ul
 RT: 15.607 min Scan# 2714
 Delta R.T. 0.000 min
 Lab File: BN025271.D
 Acq: 05 May 2023 09:33

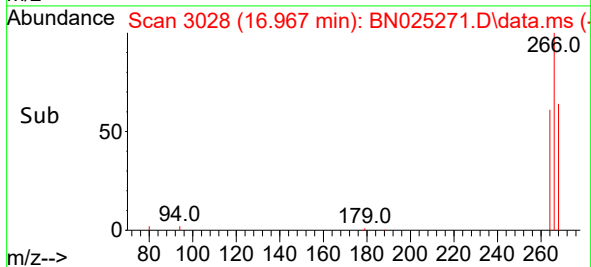
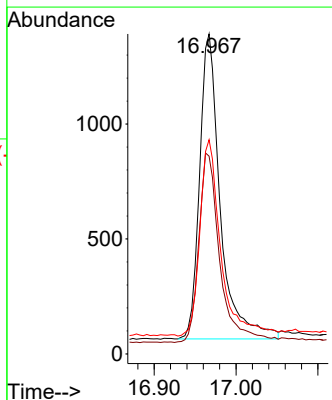
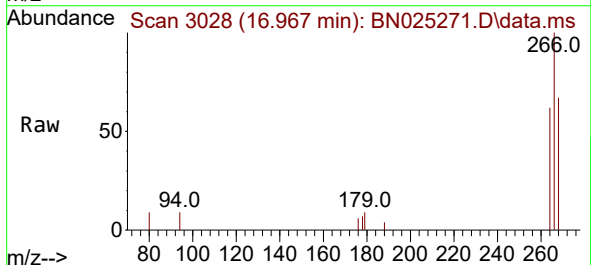
Instrument :
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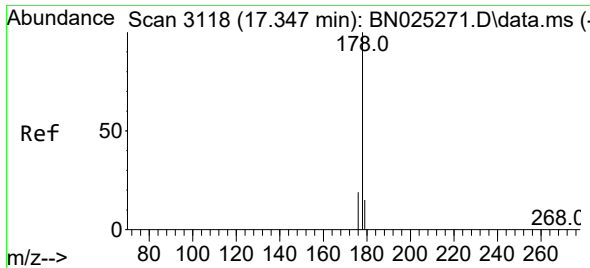
Tgt Ion:166 Resp: 20934
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.1 117.1
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.406 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. 0.000 min
 Lab File: BN025271.D
 Acq: 05 May 2023 09:33

Tgt Ion:266 Resp: 2331
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 65.0 51.3 76.9

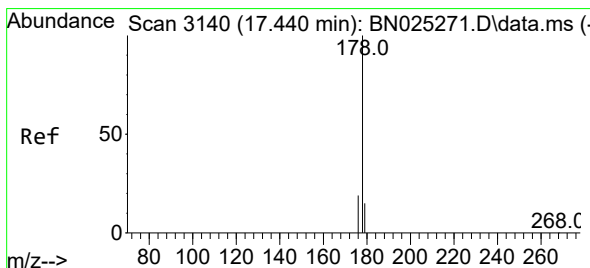
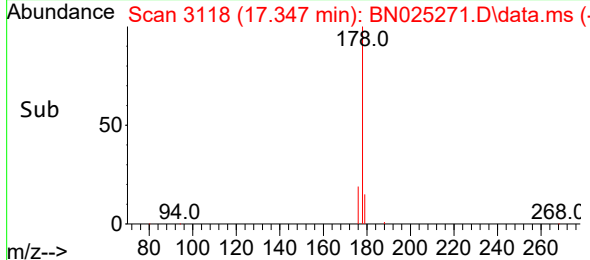
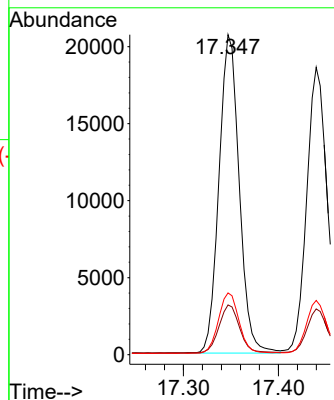
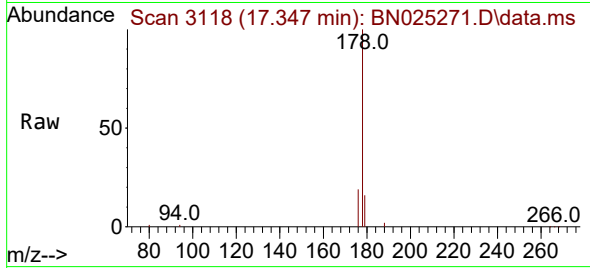




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.347 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

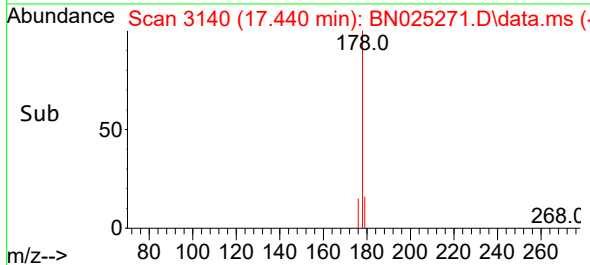
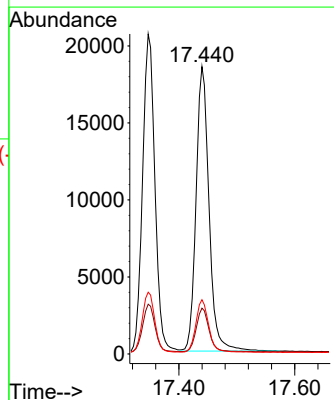
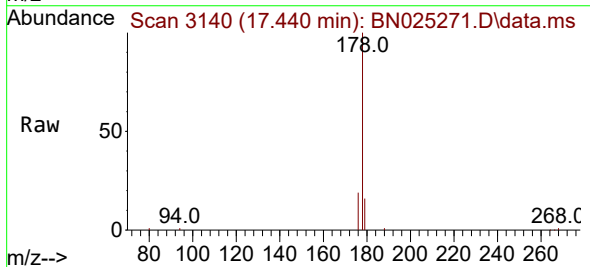
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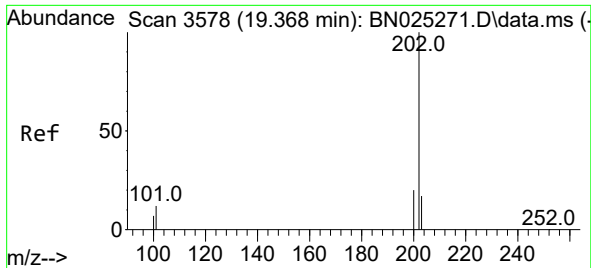
Tgt Ion:178 Resp: 30655
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Tgt Ion:178 Resp: 28665
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.9 15.3 22.9

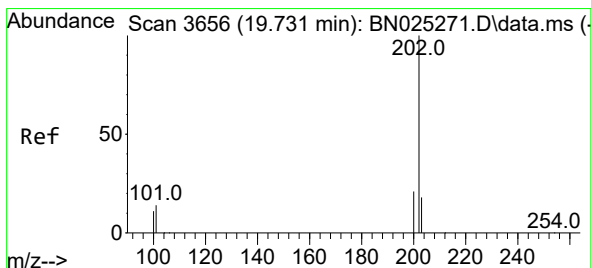
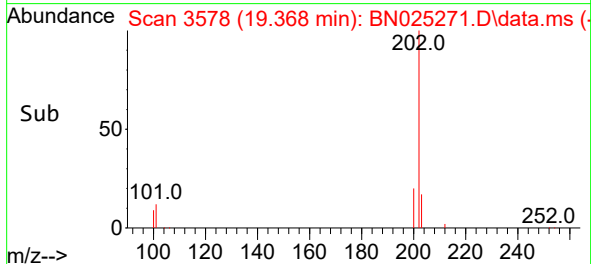
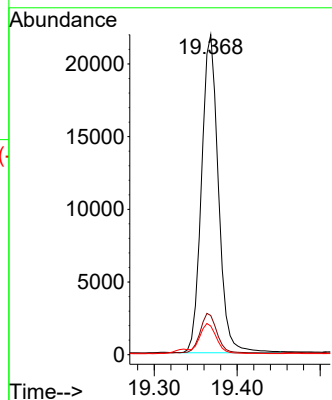
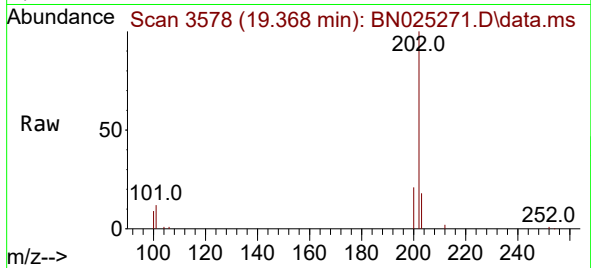




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

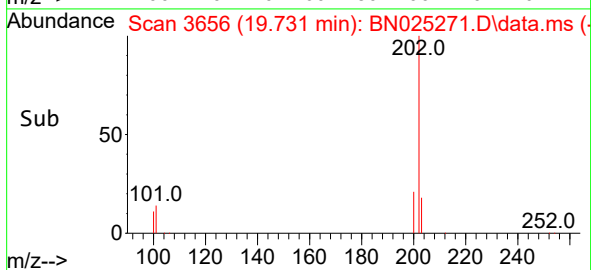
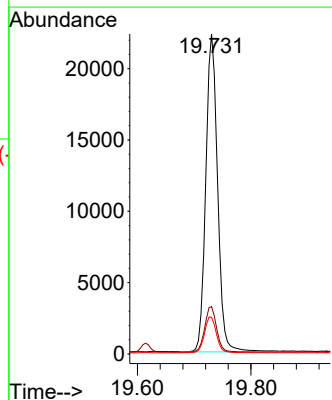
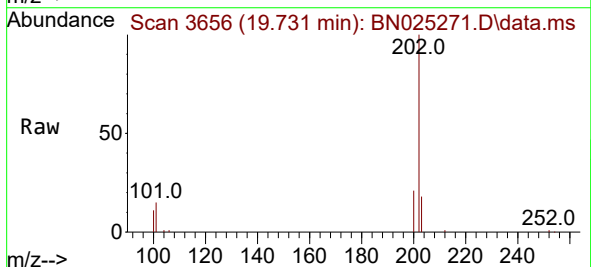
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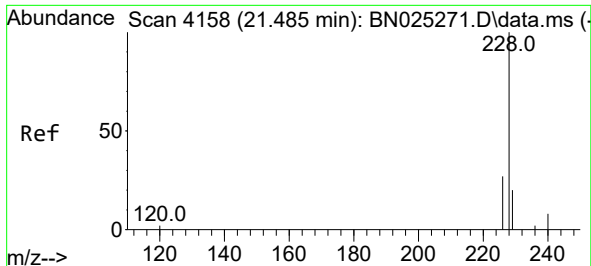
Tgt Ion:202 Resp: 30990
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.427 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Tgt Ion:202 Resp: 32123
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 11.5 9.2 13.8

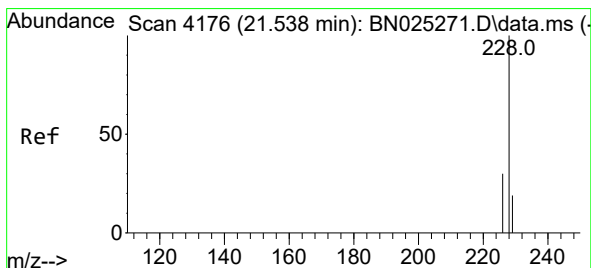
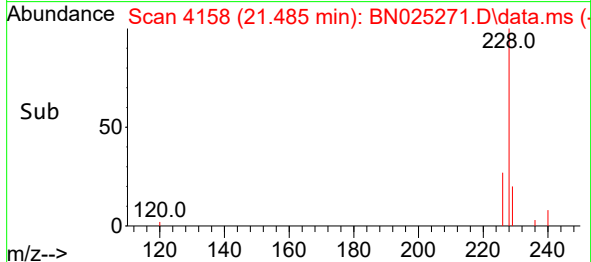
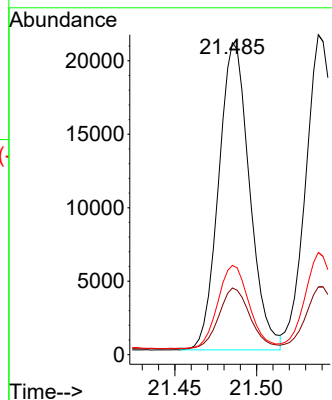
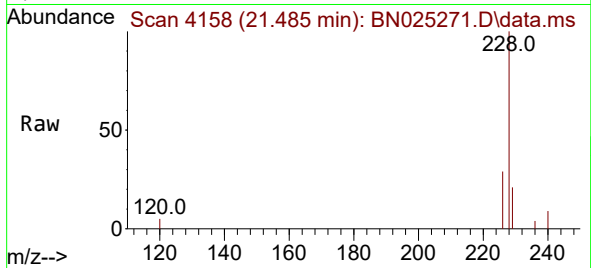




#21
Benzo(a)anthracene
Concen: 0.451 ng/ul
RT: 21.485 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

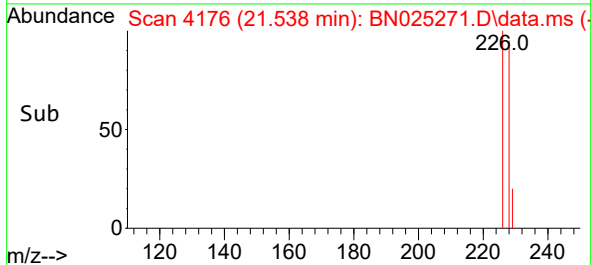
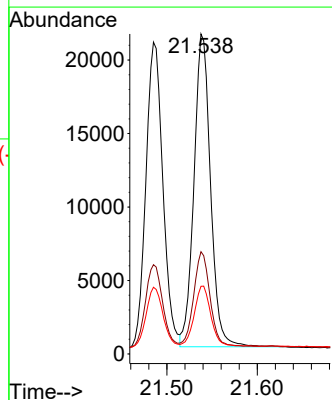
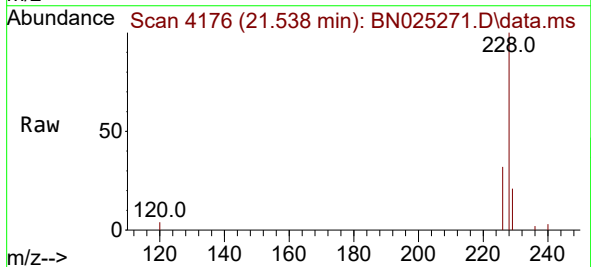
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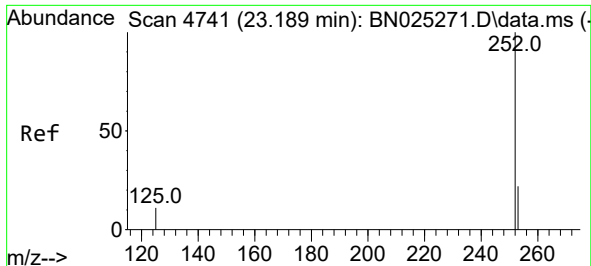
Tgt Ion:228 Resp: 27501
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.6 22.1 33.1



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Tgt Ion:228 Resp: 27105
Ion Ratio Lower Upper
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226 32.0 24.5 36.7
229 21.1 15.8 23.6

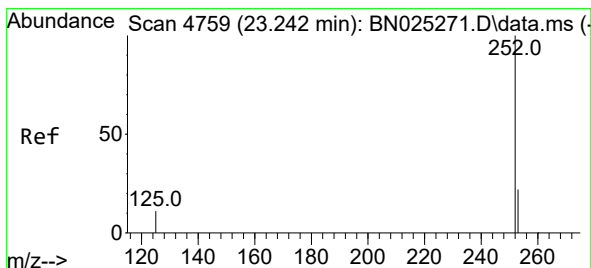
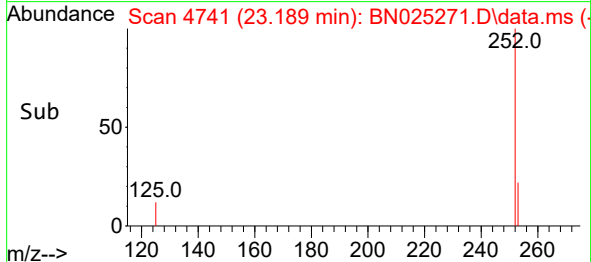
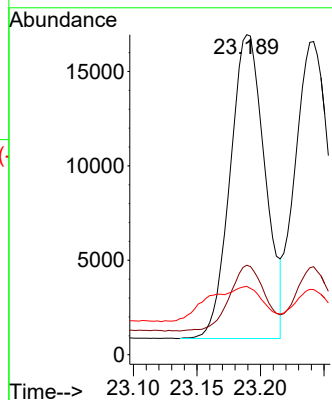
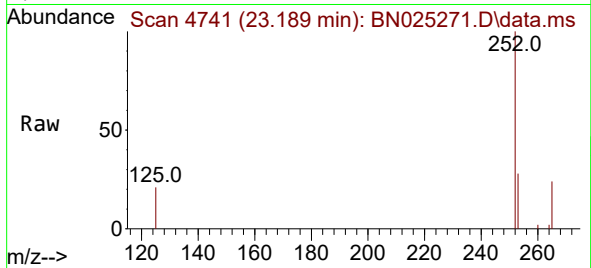




#24
Benzo(b)fluoranthene
Concen: 0.324 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

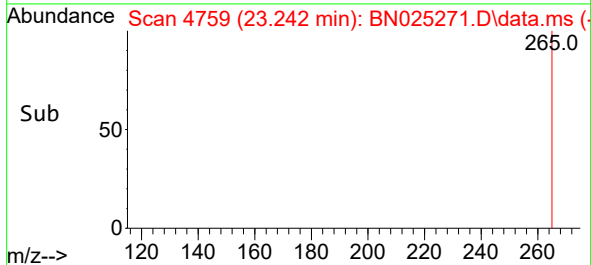
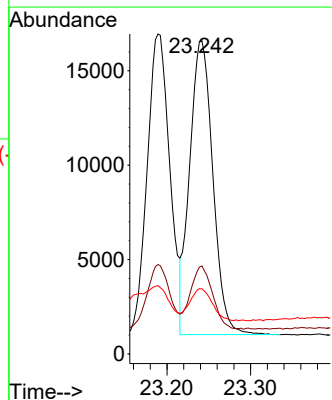
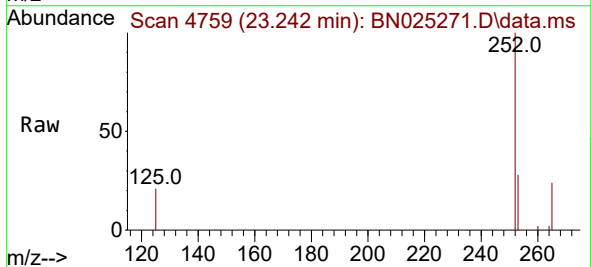
Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

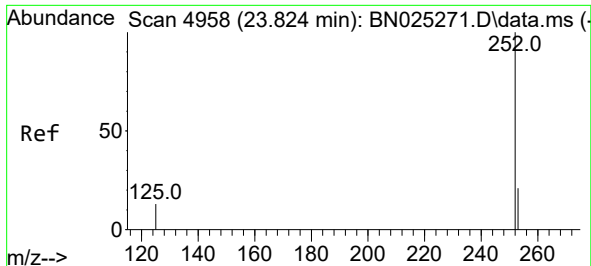
Tgt Ion:252 Resp: 30718
Ion Ratio Lower Upper
252 100
253 27.9 0.0 50.2
125 21.4 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

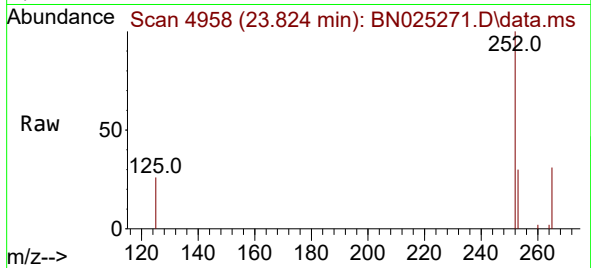
Tgt Ion:252 Resp: 30004
Ion Ratio Lower Upper
252 100
253 28.1 20.2 30.4
125 20.8 11.8 17.8#



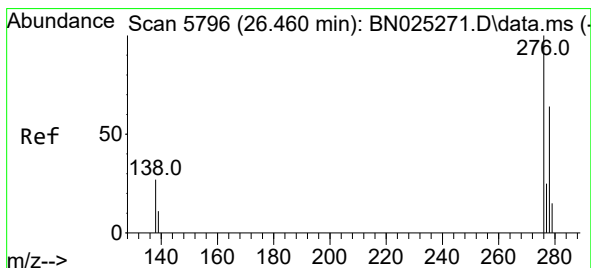
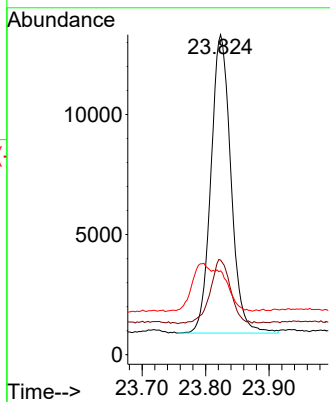
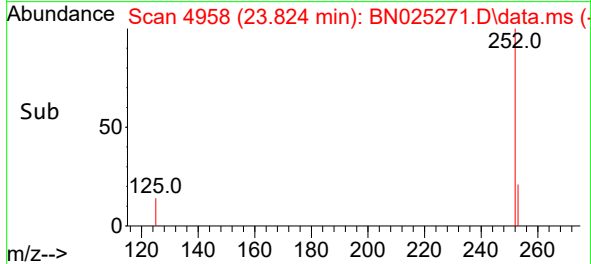


#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.824 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

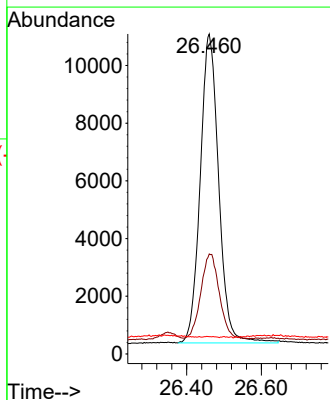
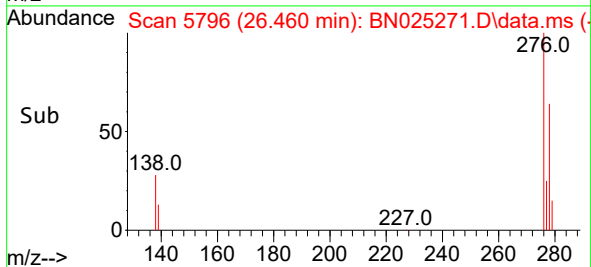
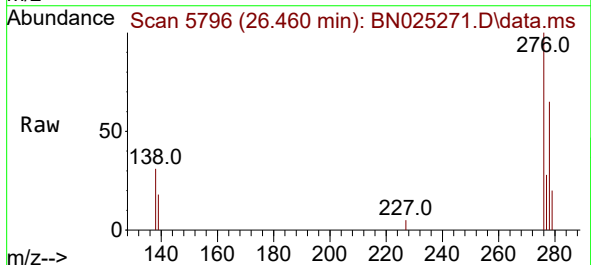


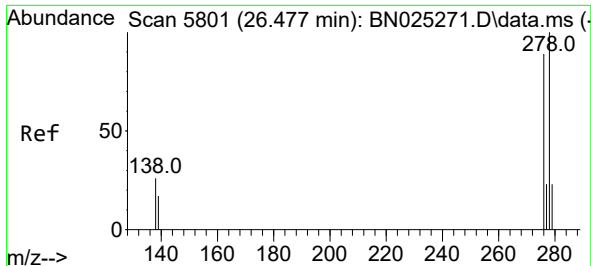
Tgt Ion:252 Resp: 27133
Ion Ratio Lower Upper
252 100
253 29.6 21.4 32.2
125 26.2 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.460 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Tgt Ion:276 Resp: 36764
Ion Ratio Lower Upper
276 100
138 27.9 21.9 32.9
227 0.2 0.1 0.1#

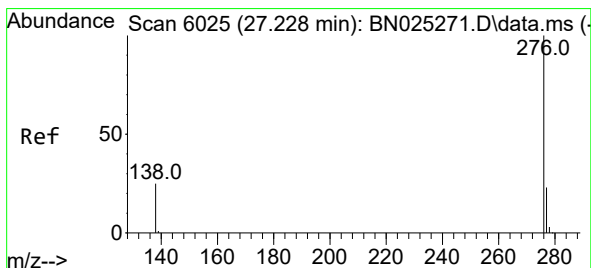
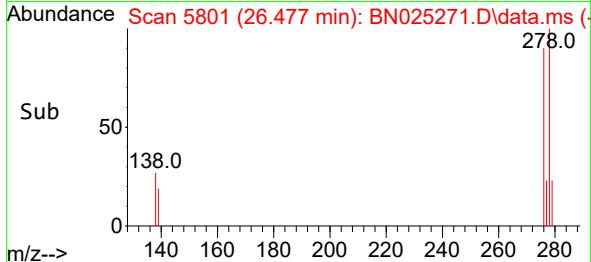
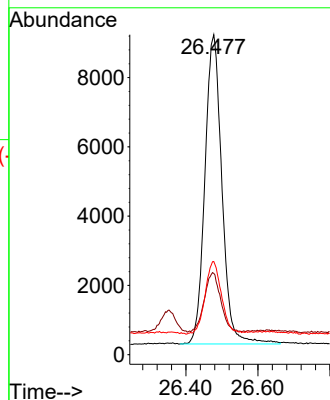
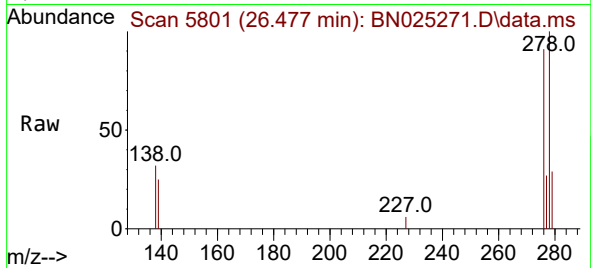




#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

Tgt Ion:278 Resp: 29254
Ion Ratio Lower Upper
278 100
139 25.4 17.0 25.6
279 29.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.228 min Scan# 6025
Delta R.T. 0.000 min
Lab File: BN025271.D
Acq: 05 May 2023 09:33

Tgt Ion:276 Resp: 30739
Ion Ratio Lower Upper
276 100
138 29.3 20.3 30.5
277 27.2 19.8 29.6

