

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024676.D
 Acq On : 31 Mar 2023 13:15
 Operator : CG/JU
 Sample : PB151681BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS681

Quant Time: Apr 01 00:45:44 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

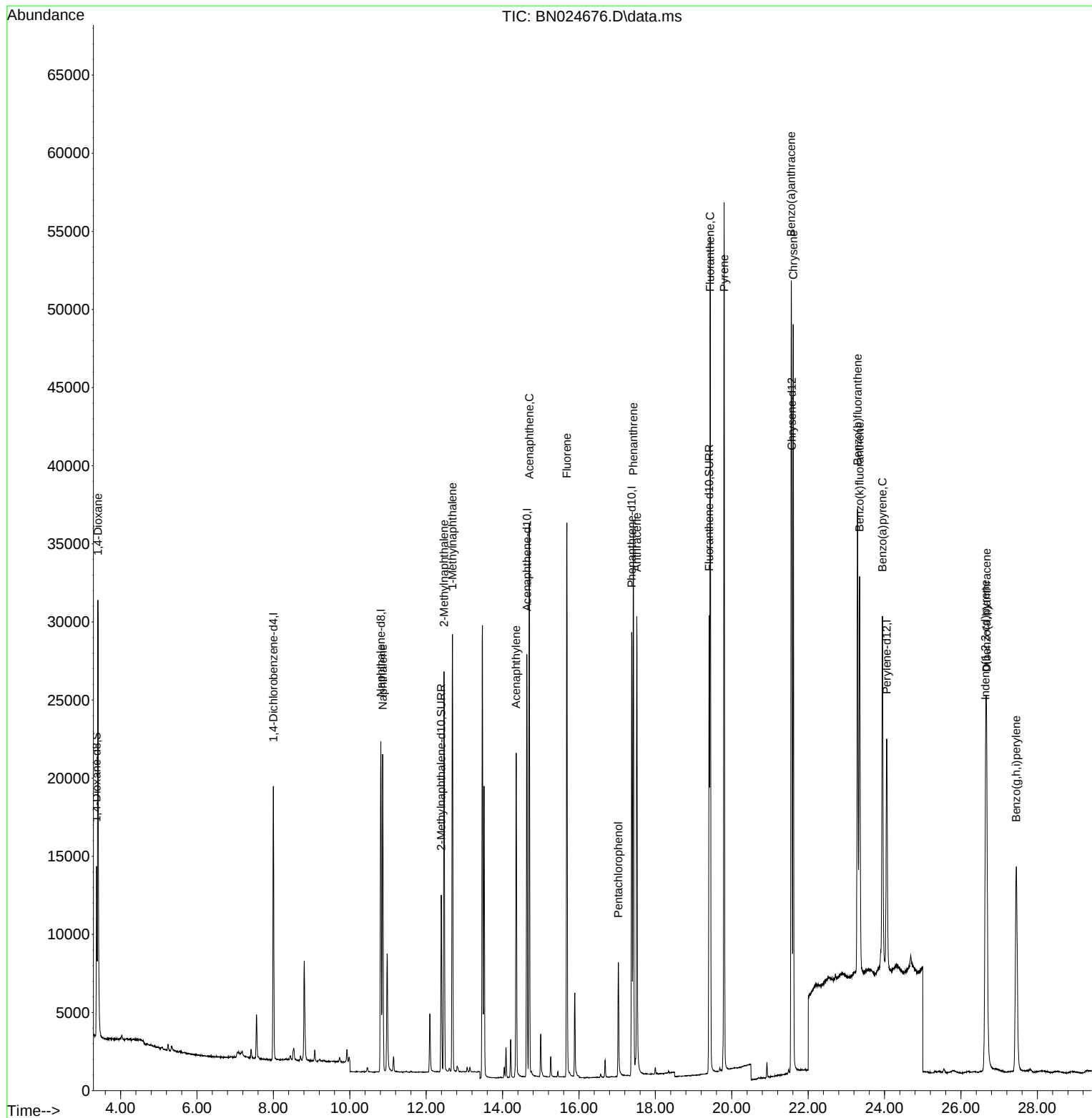
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	27350	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	32942	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	25888	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	22462	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6525	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	14375	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	30628	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	17851	1.794	ng/ul	93
5) Naphthalene	10.861	128	27917	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	17708	0.423	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	18871	0.431	ng/ul	100
10) Acenaphthylene	14.356	152	24129	0.453	ng/ul	99
11) Acenaphthene	14.698	153	19994	0.432	ng/ul	99
12) Fluorene	15.684	166	22698	0.430	ng/ul	99
14) Pentachlorophenol	17.029	266	5248	0.737	ng/ul	98
15) Phenanthrene	17.422	178	38588	0.427	ng/ul	99
16) Anthracene	17.515	178	33629	0.446	ng/ul	100
19) Fluoranthene	19.436	202	44357	0.486	ng/ul	99
20) Pyrene	19.799	202	45486	0.490	ng/ul	97
21) Benzo(a)anthracene	21.557	228	40695	0.523	ng/ul	99
22) Chrysene	21.609	228	42462	0.496	ng/ul	100
24) Benzo(b)fluoranthene	23.293	252	40411	0.433	ng/ul	98
25) Benzo(k)fluoranthene	23.348	252	38920	0.433	ng/ul	99
26) Benzo(a)pyrene	23.945	252	33460	0.456	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.643	276	37009	0.423	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.670	278	29274	0.419	ng/ul	98
29) Benzo(g,h,i)perylene	27.448	276	30922	0.411	ng/ul	99

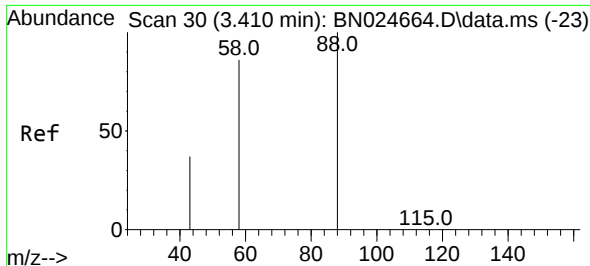
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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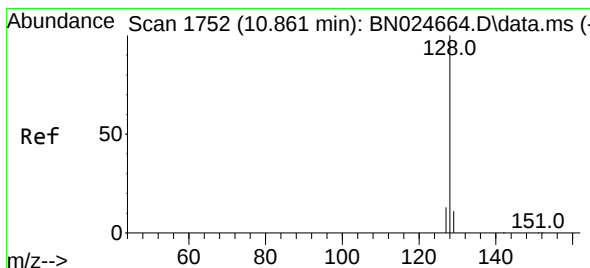
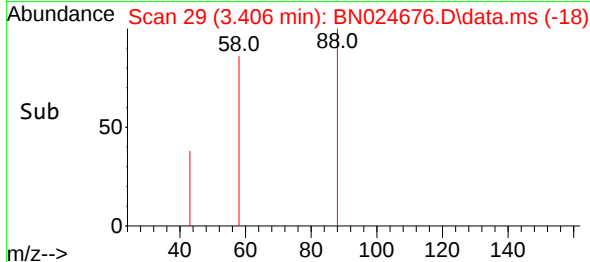
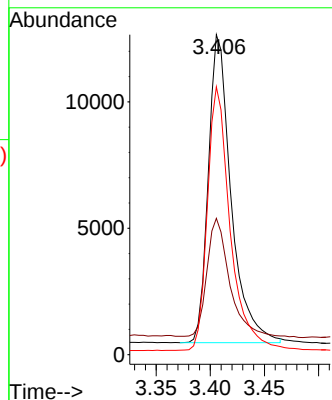
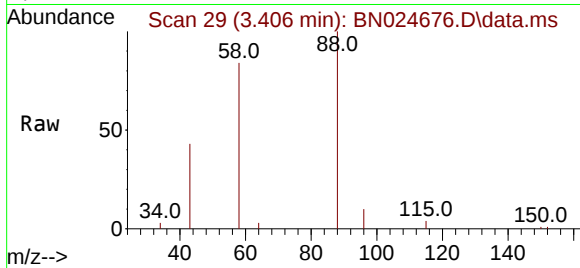




#2
 1,4-Dioxane
 Concen: 1.794 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN024676.D
 Acq: 31 Mar 2023 13:15

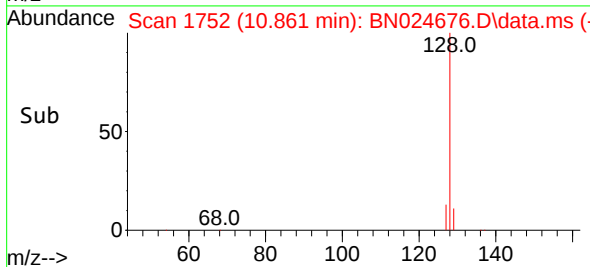
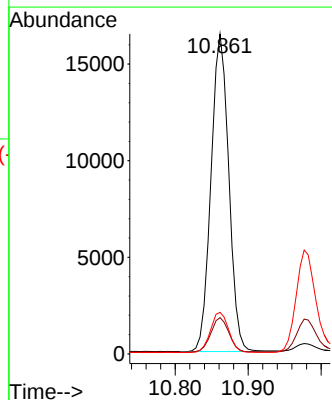
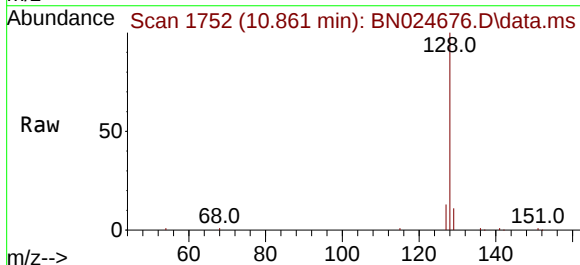
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 BNA_N
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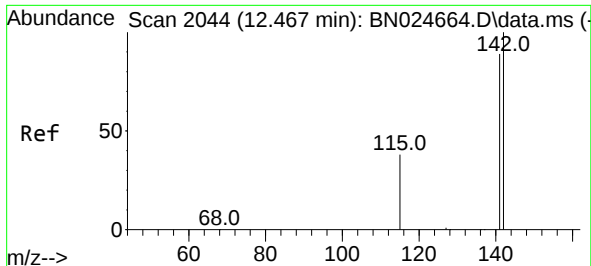
Tgt Ion: 88 Resp: 17851
 Ion Ratio Lower Upper
 88 100
 43 42.6 37.2 55.8
 58 83.7 61.5 92.3



#5
 Naphthalene
 Concen: 0.416 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN024676.D
 Acq: 31 Mar 2023 13:15

Tgt Ion: 128 Resp: 27917
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.0 10.5 15.7

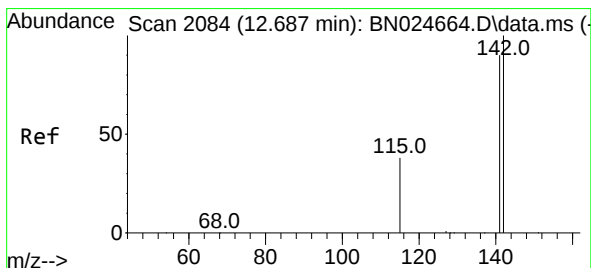
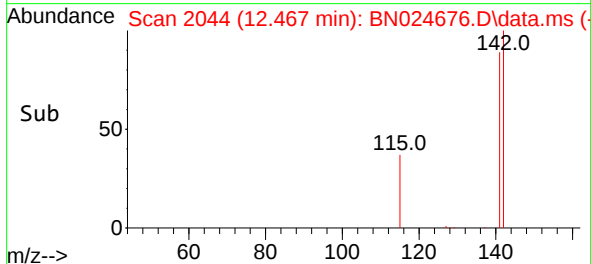
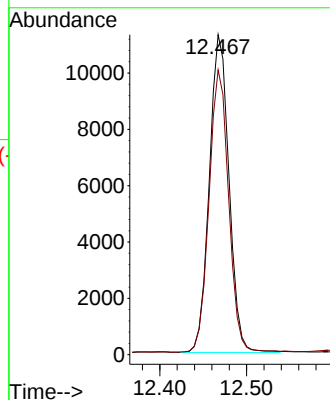
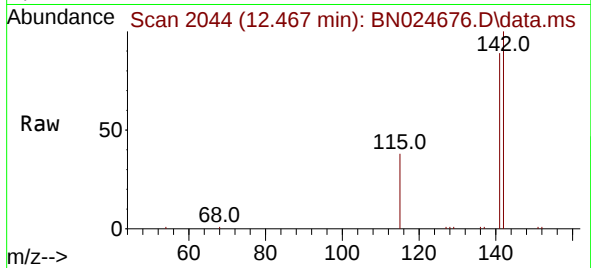




#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

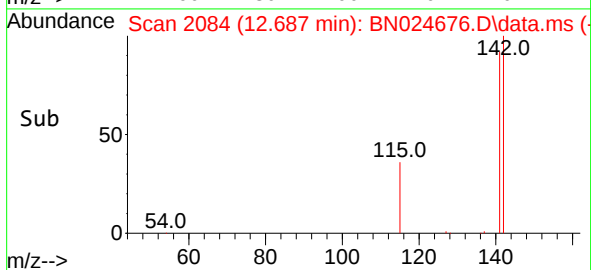
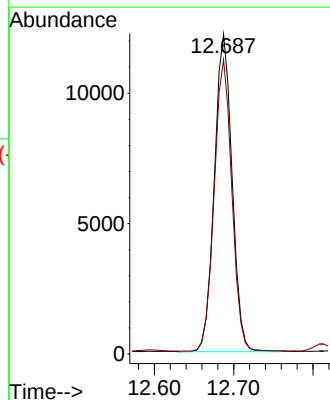
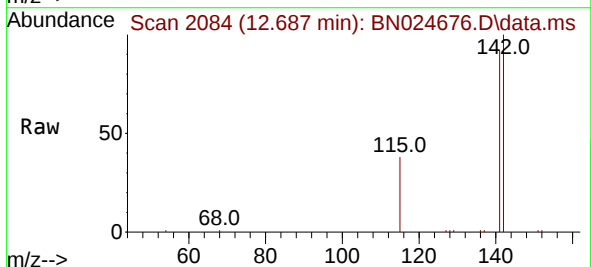
Instrument :
BNA_N
ClientSampleId :
SLCS681

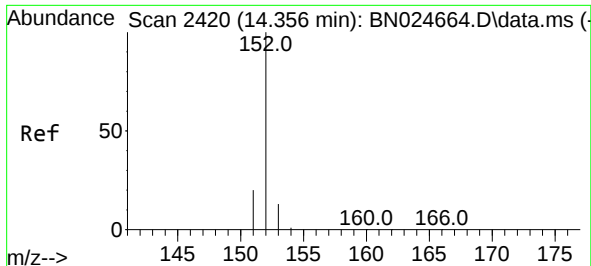
Tgt Ion:142 Resp: 17708
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:142 Resp: 18871
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3

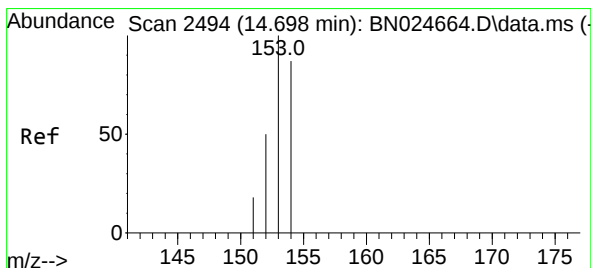
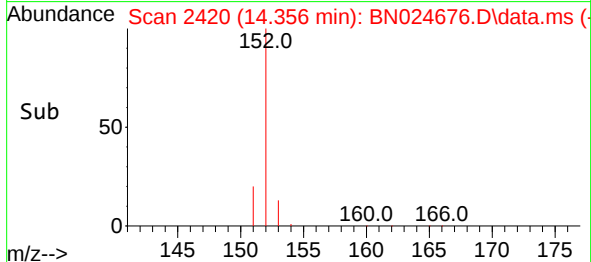
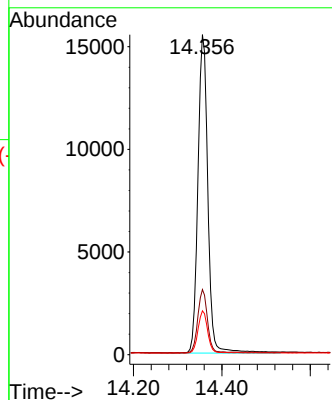
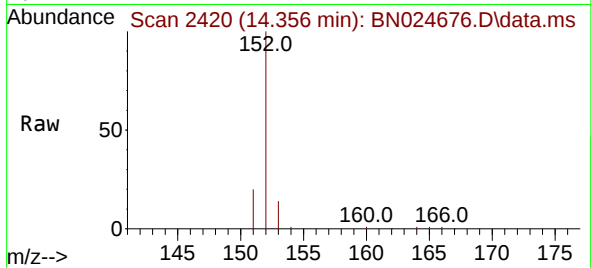




#10
Acenaphthylene
Concen: 0.453 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

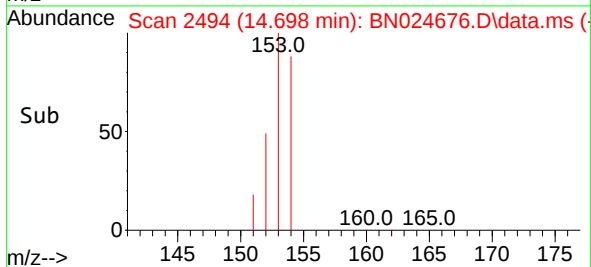
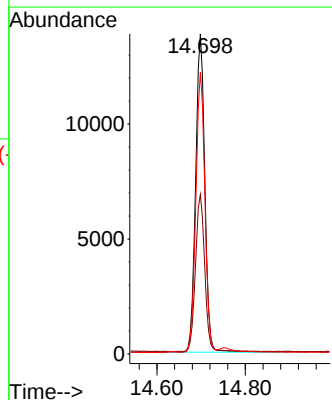
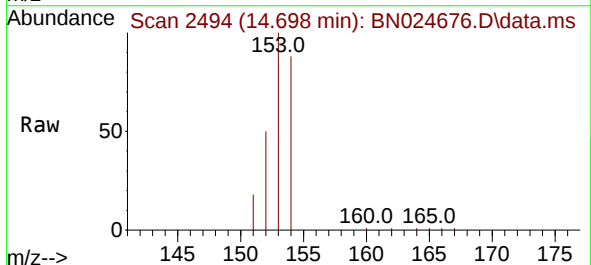
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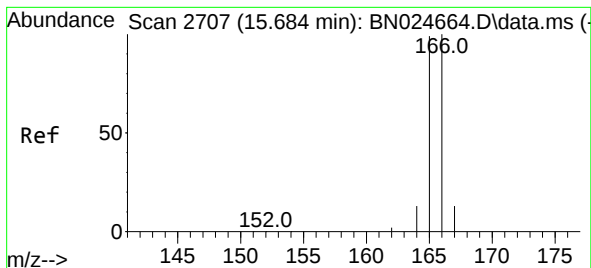
Tgt Ion:152 Resp: 24129
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.7 10.6 16.0



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:153 Resp: 19994
Ion Ratio Lower Upper
153 100
152 49.8 40.3 60.5
154 88.1 71.0 106.4





#12

Fluorene

Concen: 0.430 ng/ul

RT: 15.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024676.D

Acq: 31 Mar 2023 13:15

Instrument :

BNA_N

ClientSampleId :

SLCS681

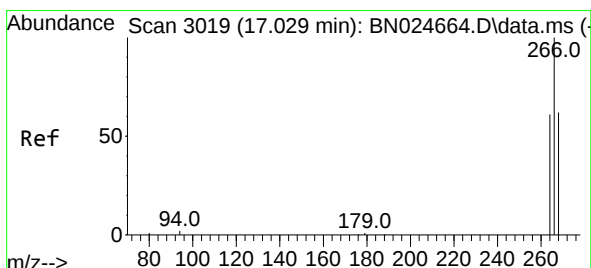
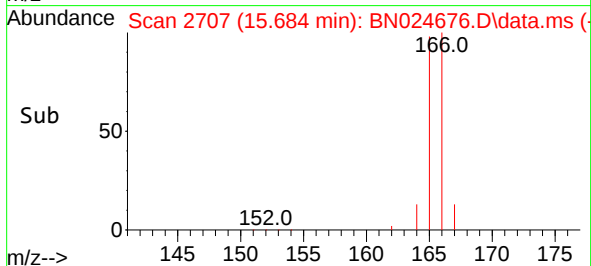
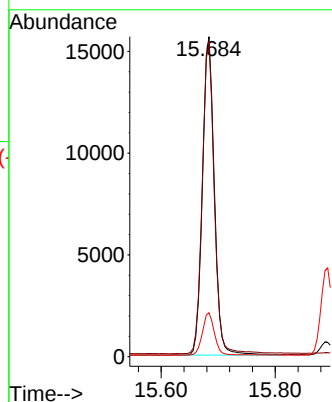
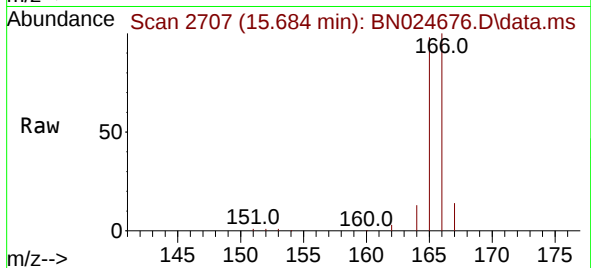
Tgt Ion:166 Resp: 22698

Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

167 13.7 10.8 16.2



#14

Pentachlorophenol

Concen: 0.737 ng/ul

RT: 17.029 min Scan# 3019

Delta R.T. -0.004 min

Lab File: BN024676.D

Acq: 31 Mar 2023 13:15

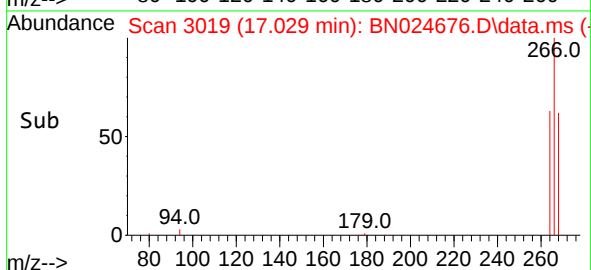
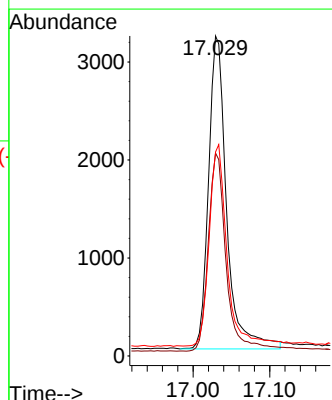
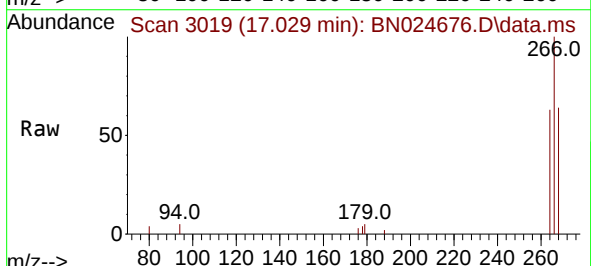
Tgt Ion:266 Resp: 5248

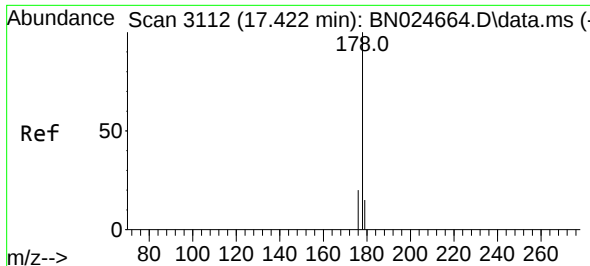
Ion Ratio Lower Upper

266 100

264 62.5 49.6 74.4

268 63.1 52.6 78.8

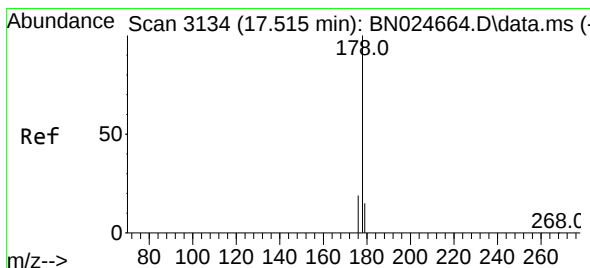
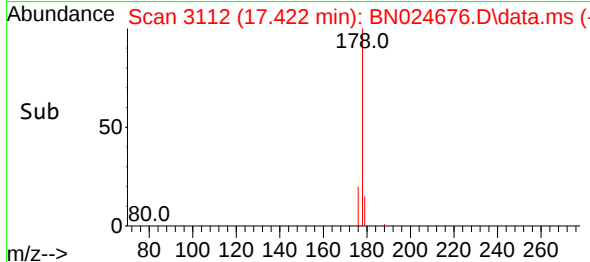
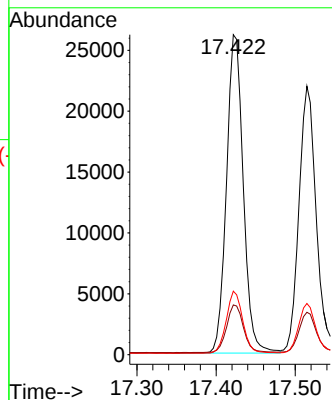
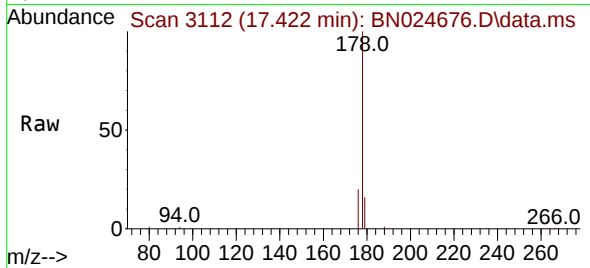




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

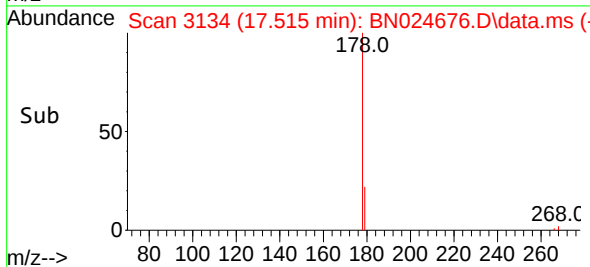
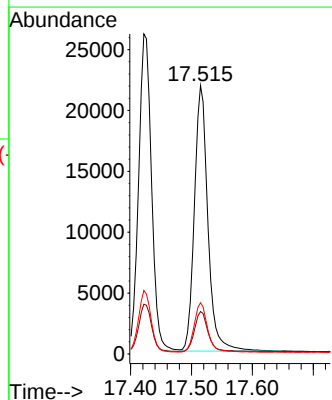
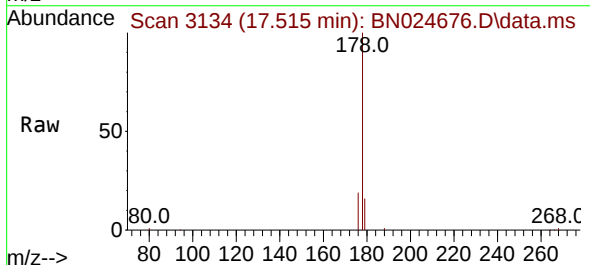
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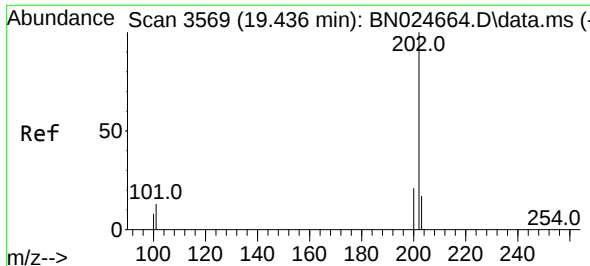
Tgt Ion:178 Resp: 38588
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.9 15.5 23.3



#16
Anthracene
Concen: 0.446 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:178 Resp: 33629
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.1 15.2 22.8

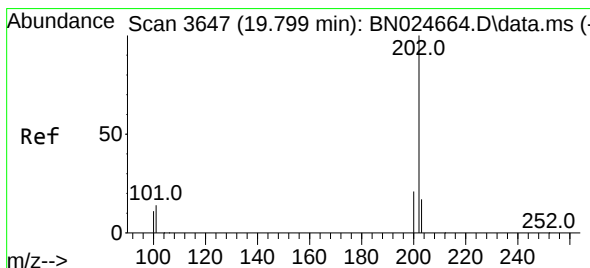
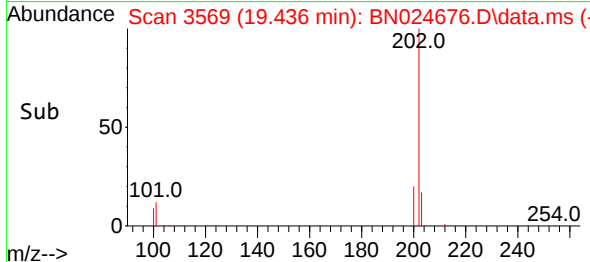
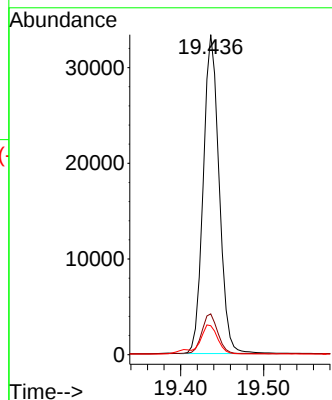
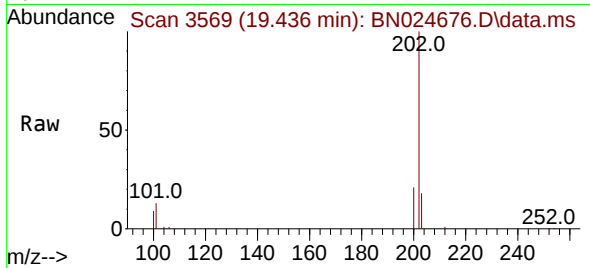




#19
Fluoranthene
Concen: 0.486 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

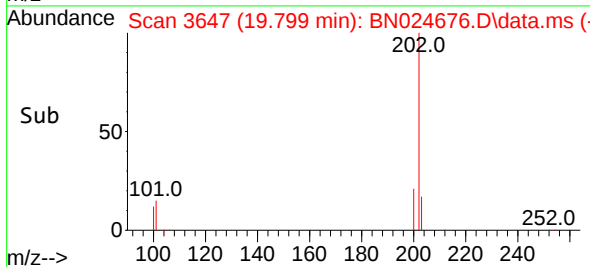
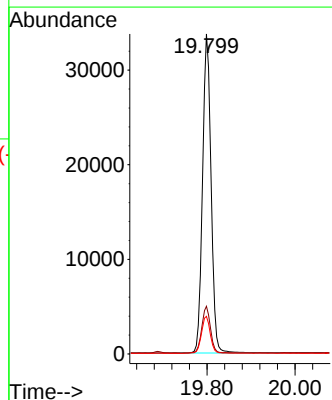
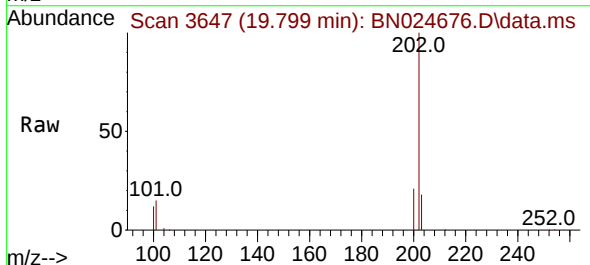
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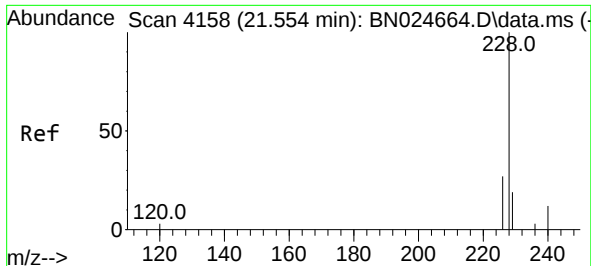
Tgt Ion:202 Resp: 44357
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.490 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:202 Resp: 45486
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
100 11.7 8.7 13.1

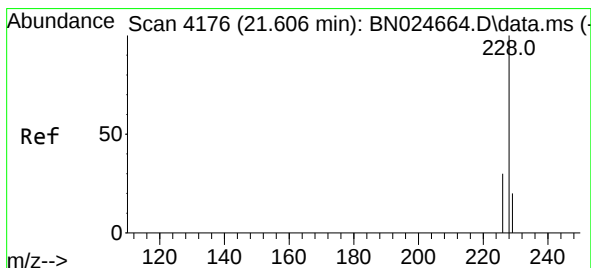
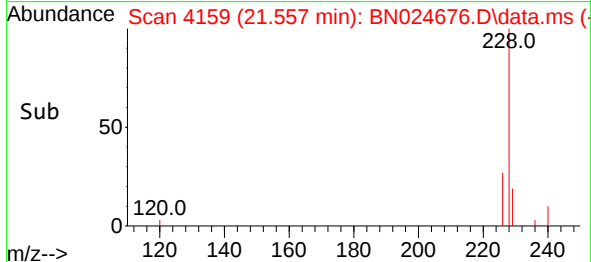
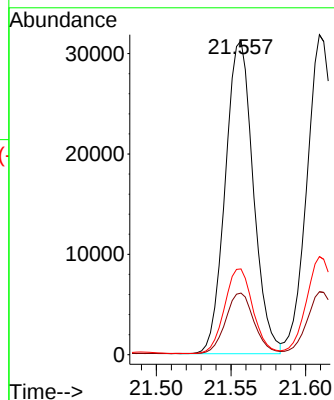
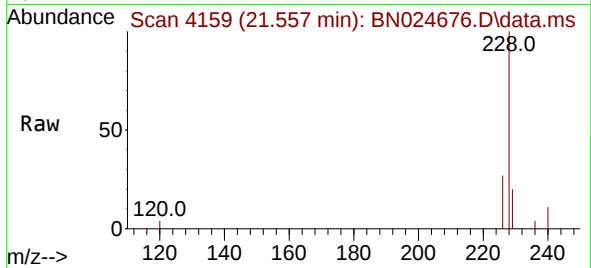




#21
Benzo(a)anthracene
Concen: 0.523 ng/ul
RT: 21.557 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

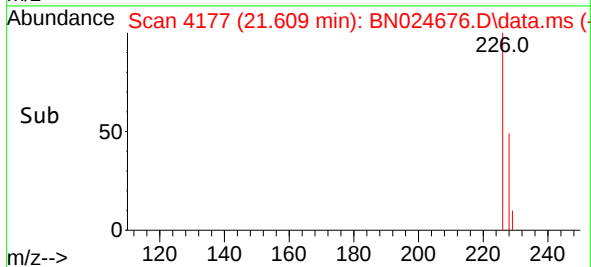
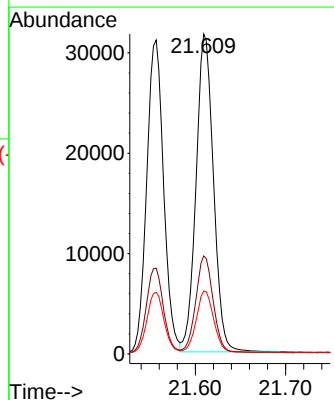
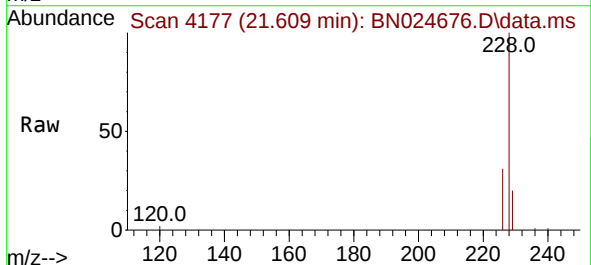
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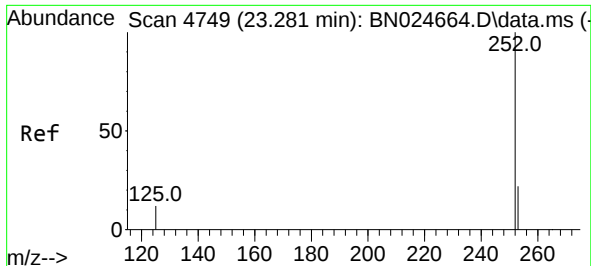
Tgt Ion:228 Resp: 40695
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.496 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:228 Resp: 42462
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.6 15.6 23.4

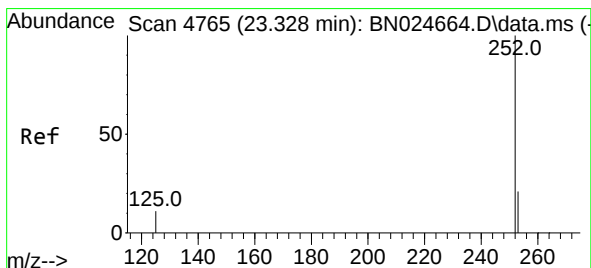
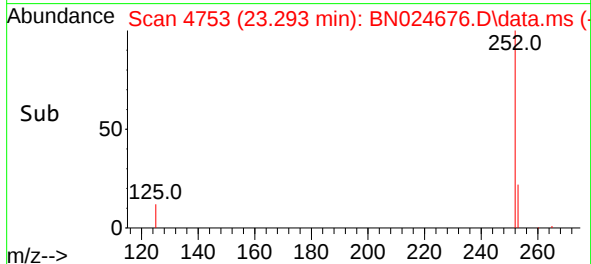
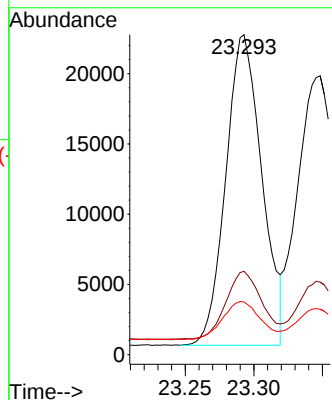
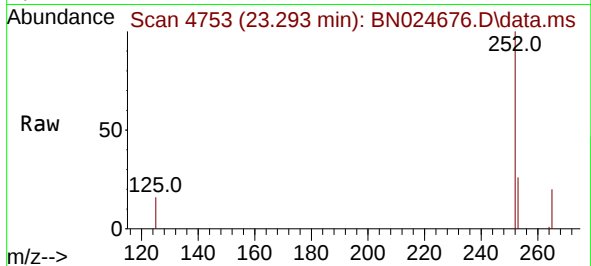




#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 23.293 min Scan# 4753
Delta R.T. 0.012 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

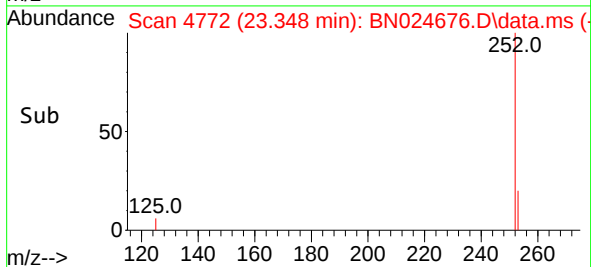
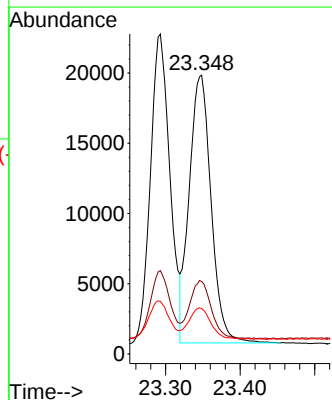
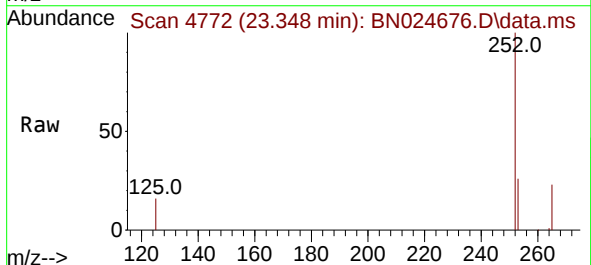
Instrument :
BNA_N
ClientSampleId :
SLCS681

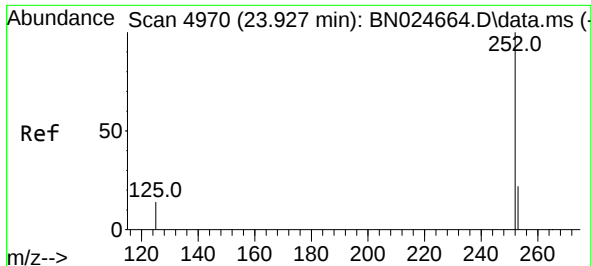
Tgt Ion:252 Resp: 40411
Ion Ratio Lower Upper
252 100
253 26.0 0.0 49.6
125 16.4 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.348 min Scan# 4772
Delta R.T. 0.021 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:252 Resp: 38920
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 16.3 13.1 19.7

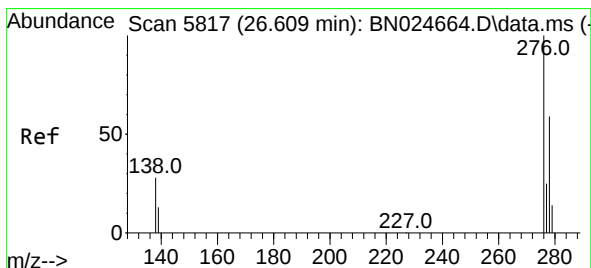
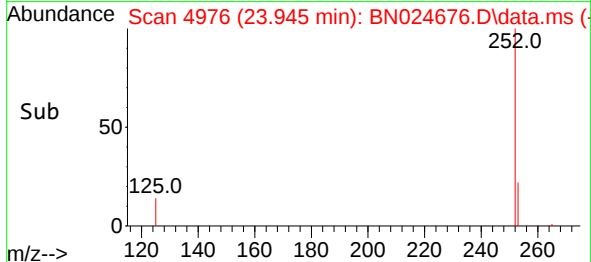
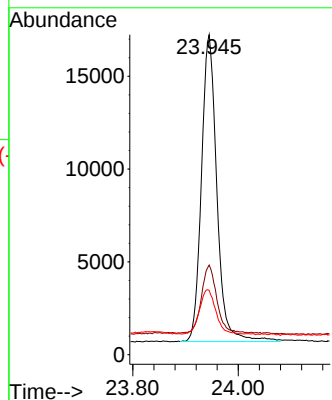
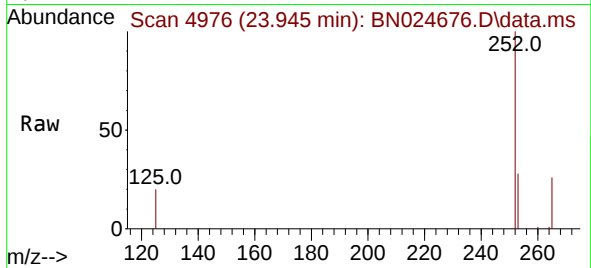




#26
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 23.945 min Scan# 4976
Delta R.T. 0.018 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

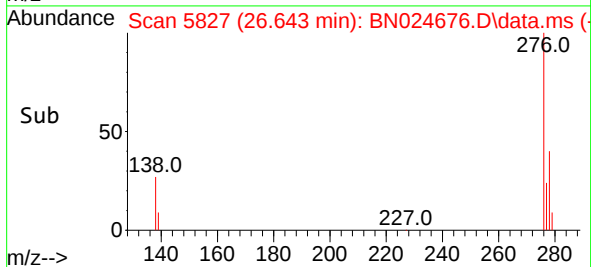
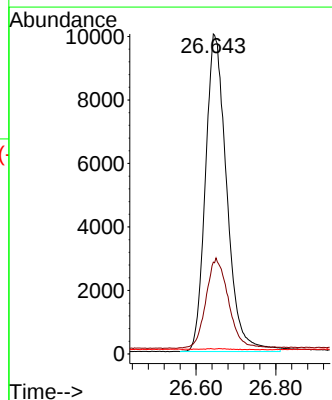
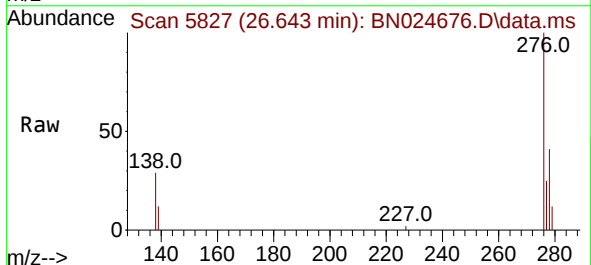
Instrument :
BNA_N
ClientSampleId :
SLCS681

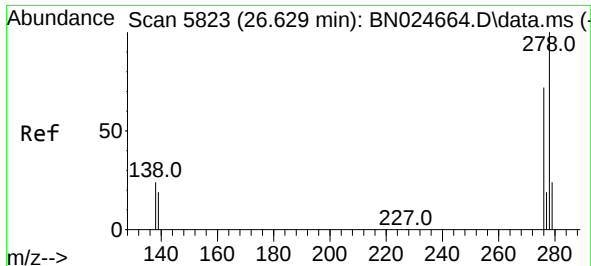
Tgt Ion:252 Resp: 33460
Ion Ratio Lower Upper
252 100
253 28.0 21.8 32.8
125 20.1 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/ul
RT: 26.643 min Scan# 5827
Delta R.T. 0.031 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:276 Resp: 37009
Ion Ratio Lower Upper
276 100
138 0.0 24.6 36.8#
227 0.1 0.1 0.1

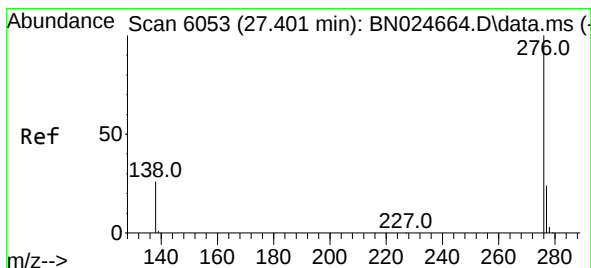
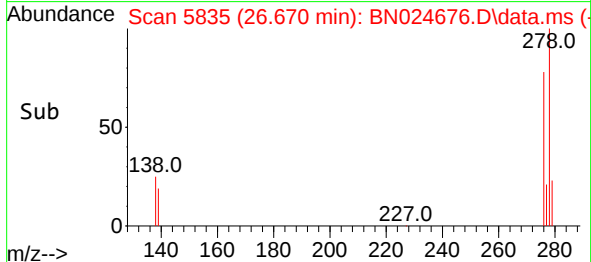
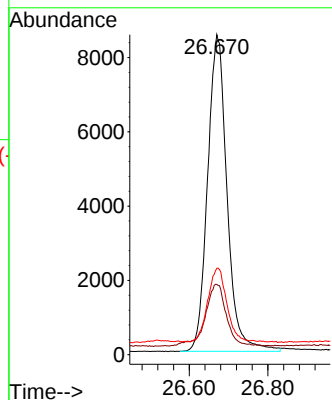
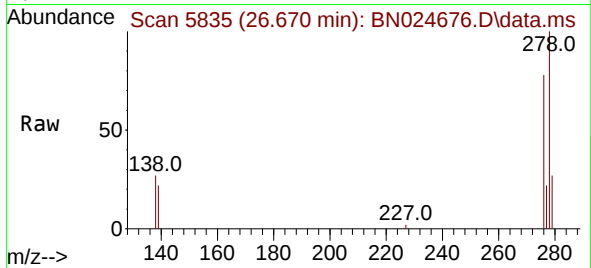




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.670 min Scan# 5835
Delta R.T. 0.041 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Instrument :
BNA_N
ClientSampleId :
SLCS681

Tgt Ion:278 Resp: 29274
Ion Ratio Lower Upper
278 100
139 21.9 16.5 24.7
279 27.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.448 min Scan# 6067
Delta R.T. 0.044 min
Lab File: BN024676.D
Acq: 31 Mar 2023 13:15

Tgt Ion:276 Resp: 30922
Ion Ratio Lower Upper
276 100
138 27.6 21.4 32.2
277 24.7 19.8 29.6

