

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024669.D
 Acq On : 31 Mar 2023 07:39
 Operator : CG/JU
 Sample : PB151685BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS685

Quant Time: Mar 31 08:11:15 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)

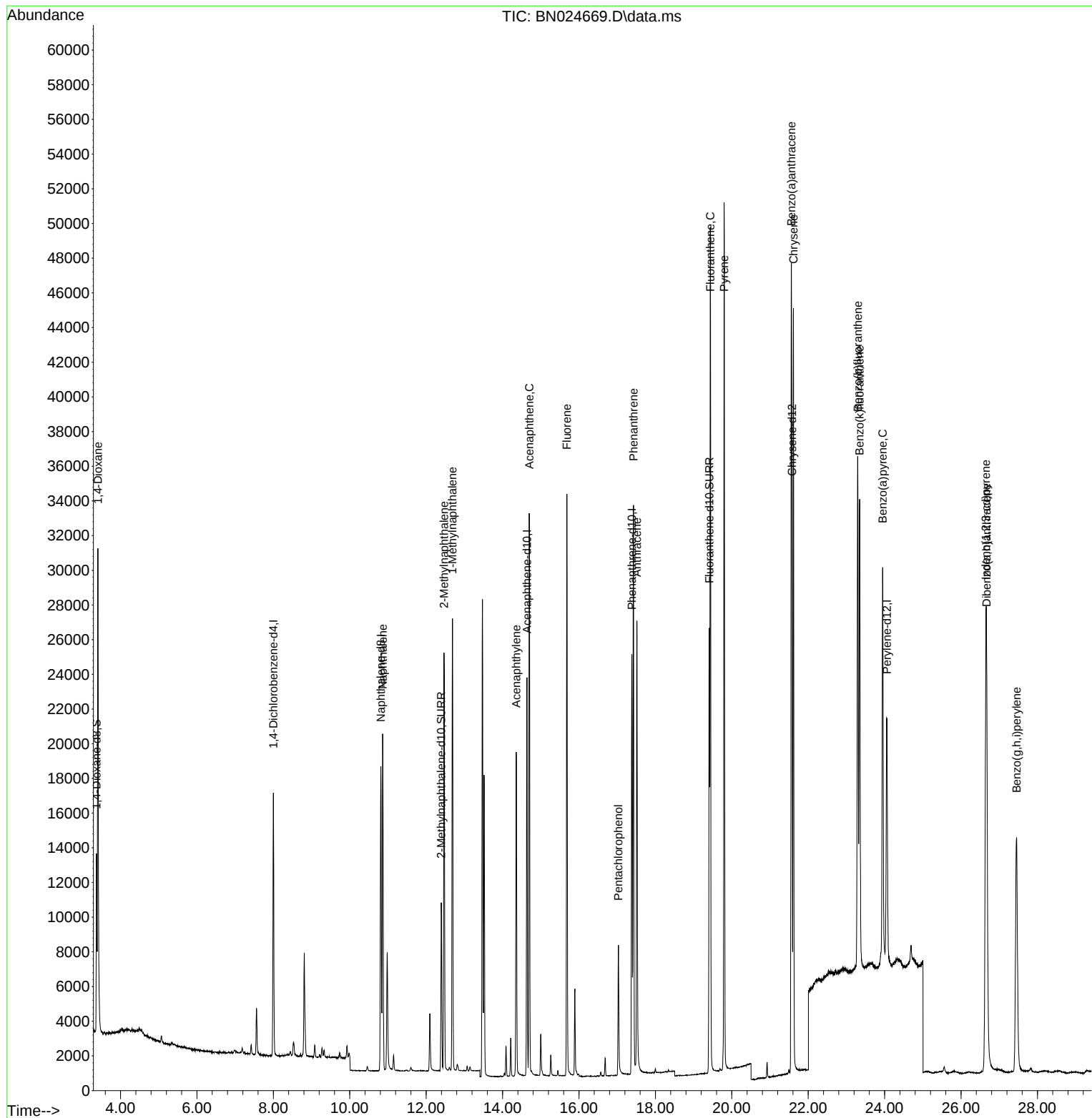
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7787	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	22783	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.638	164	12698	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.384	188	28455	0.400	ng/u1	0.00
17) Chrysene-d12	21.574	240	23667	0.400	ng/u1	0.00
23) Perylene-d12	24.056	264	21523	0.400	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6168	0.772	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.395	152	12248	0.436	ng/u1	0.00
18) Fluoranthene-d10	19.408	212	26801	0.463	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	17989	2.139	ng/u1	92
5) Naphthalene	10.861	128	26578	0.475	ng/u1	99
7) 2-Methylnaphthalene	12.467	142	16702	0.479	ng/u1	100
8) 1-Methylnaphthalene	12.687	142	17480	0.480	ng/u1	100
10) Acenaphthylene	14.356	152	22147	0.493	ng/u1	99
11) Acenaphthene	14.698	153	18719	0.481	ng/u1	99
12) Fluorene	15.683	166	21037	0.473	ng/u1	98
14) Pentachlorophenol	17.029	266	5318	0.864	ng/u1	99
15) Phenanthrene	17.426	178	35625	0.457	ng/u1	100
16) Anthracene	17.514	178	30511	0.468	ng/u1	99
19) Fluoranthene	19.436	202	40624	0.487	ng/u1	98
20) Pyrene	19.799	202	41832	0.493	ng/u1	96
21) Benzo(a)anthracene	21.556	228	37292	0.524	ng/u1	99
22) Chrysene	21.612	228	39237	0.502	ng/u1	99
24) Benzo(b)fluoranthene	23.296	252	39650	0.443	ng/u1	99
25) Benzo(k)fluoranthene	23.342	252	38649	0.449	ng/u1	99
26) Benzo(a)pyrene	23.948	252	33713	0.479	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.649	276	38705	0.462	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.669	278	30451	0.454	ng/u1	98
29) Benzo(g,h,i)perylene	27.451	276	32173	0.446	ng/u1	99

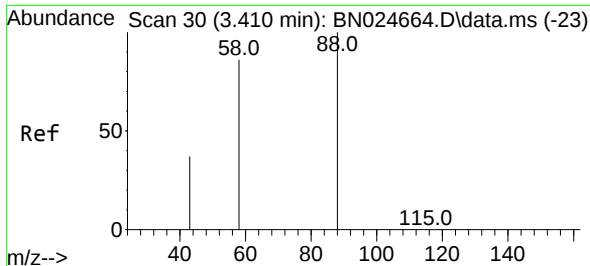
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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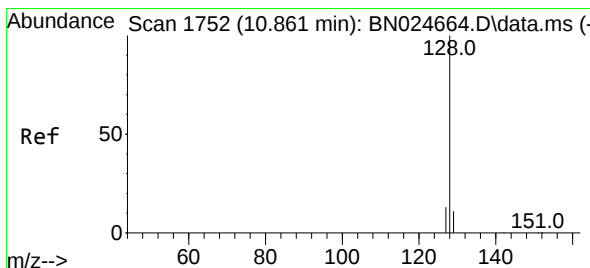
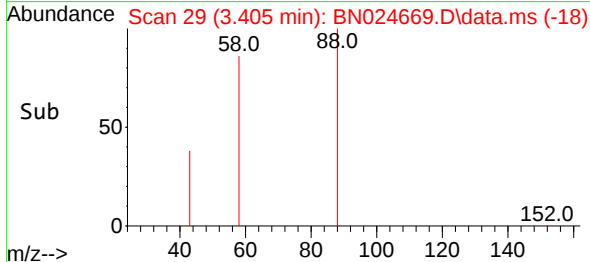
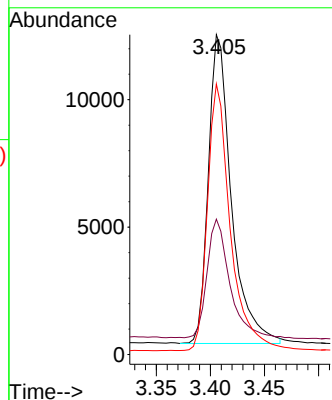
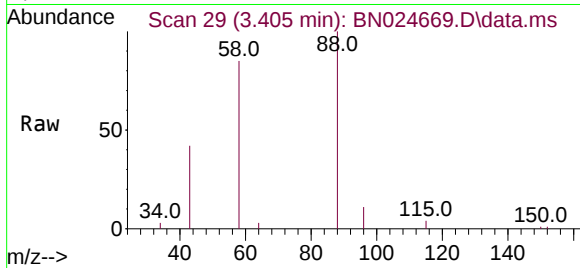




#2
1,4-Dioxane
Concen: 2.139 ng/ul
RT: 3.405 min Scan# 29
Delta R.T. -0.004 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

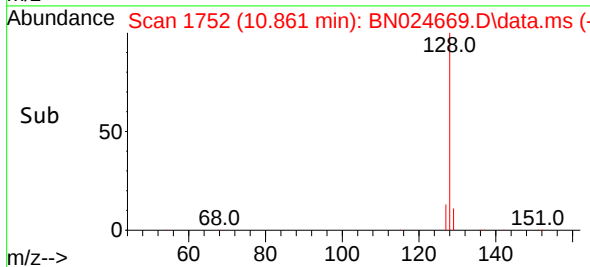
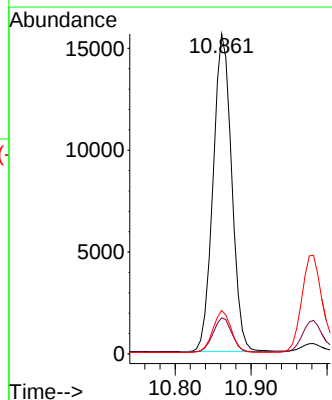
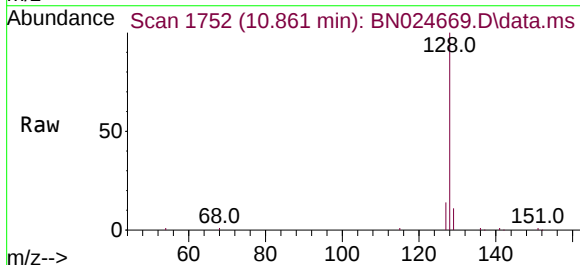
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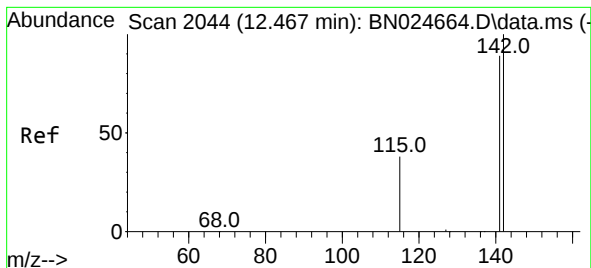
Tgt Ion: 88 Resp: 17989
Ion Ratio Lower Upper
88 100
43 42.3 37.2 55.8
58 84.6 61.5 92.3



#5
Naphthalene
Concen: 0.475 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:128 Resp: 26578
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.5 15.7

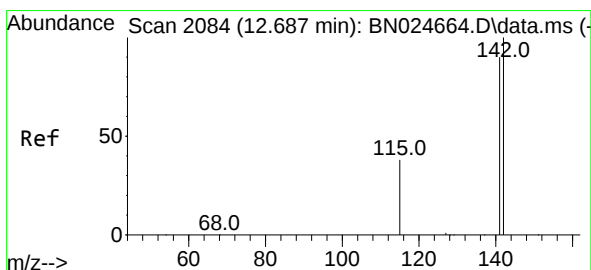
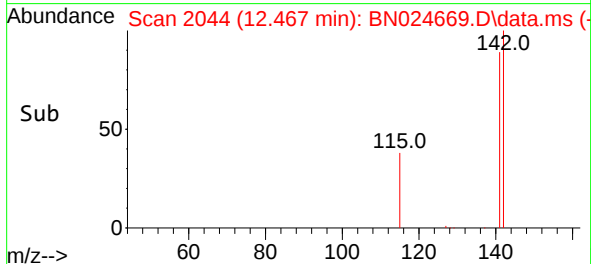
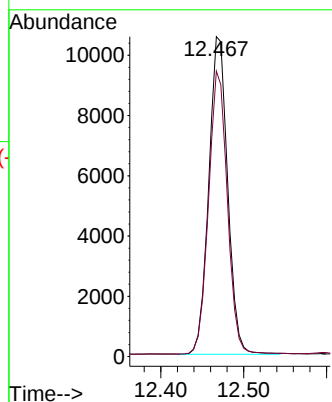
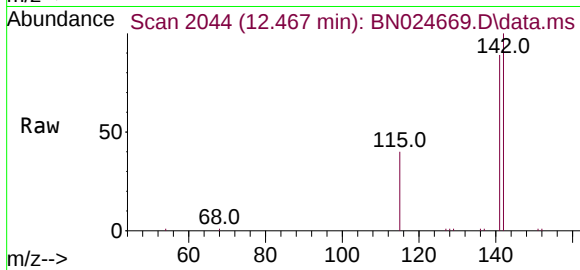




#7
2-Methylnaphthalene
Concen: 0.479 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

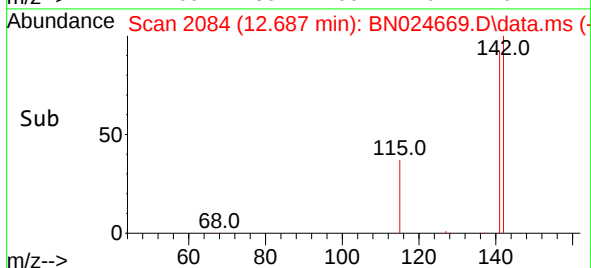
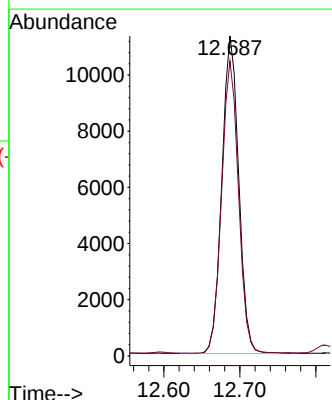
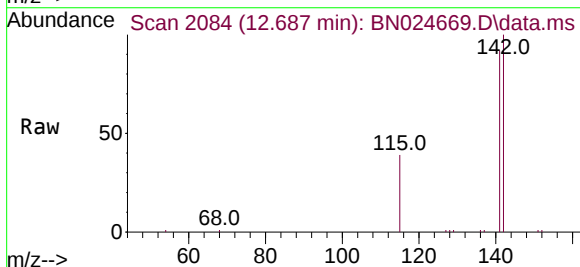
Instrument :
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ClientSampleId :
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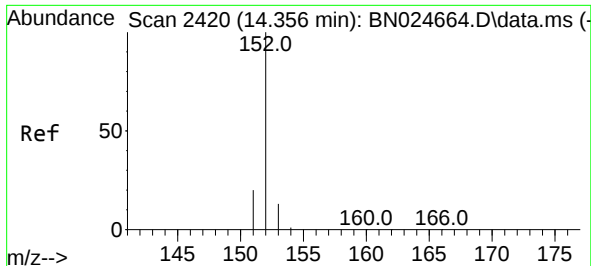
Tgt Ion:142 Resp: 16702
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.480 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:142 Resp: 17480
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

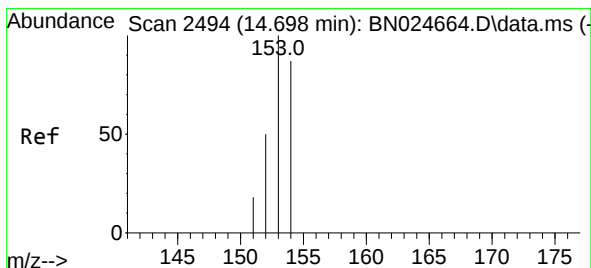
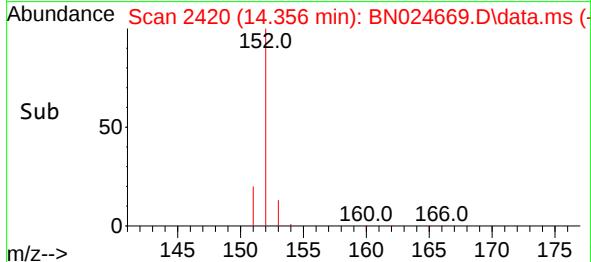
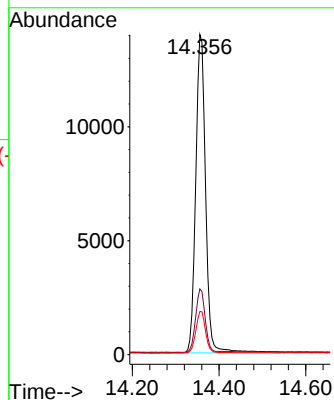
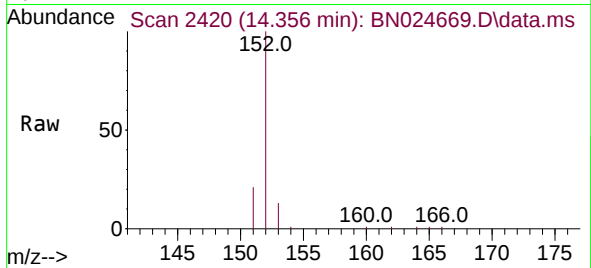




#10
Acenaphthylene
Concen: 0.493 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

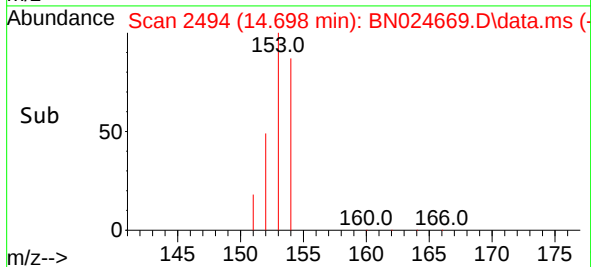
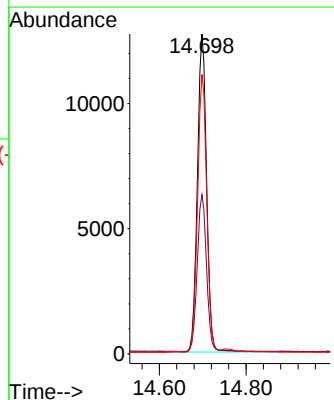
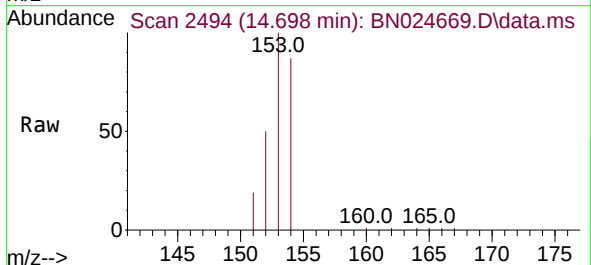
Instrument :
BNA_N
ClientSampleId :
SLCS685

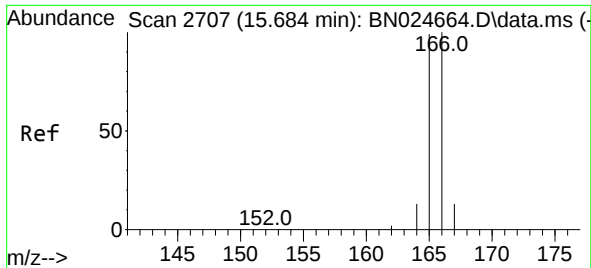
Tgt Ion:152 Resp: 22147
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.481 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:153 Resp: 18719
Ion Ratio Lower Upper
153 100
152 49.8 40.3 60.5
154 87.3 71.0 106.4

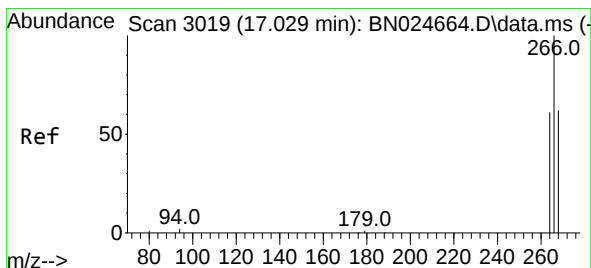
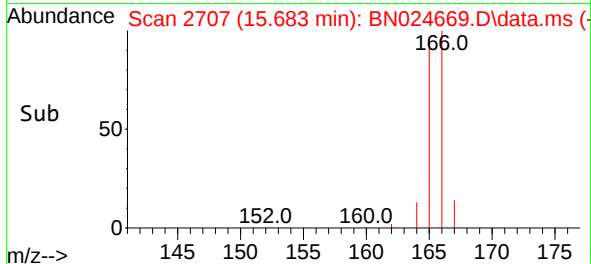
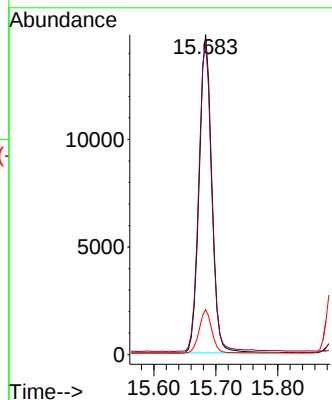
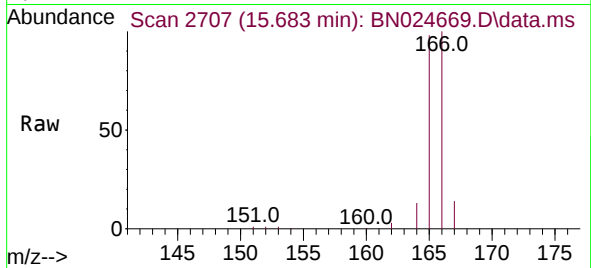




#12
 Fluorene
 Concen: 0.473 ng/ul
 RT: 15.683 min Scan# 21037
 Delta R.T. -0.000 min
 Lab File: BN024669.D
 Acq: 31 Mar 2023 07:39

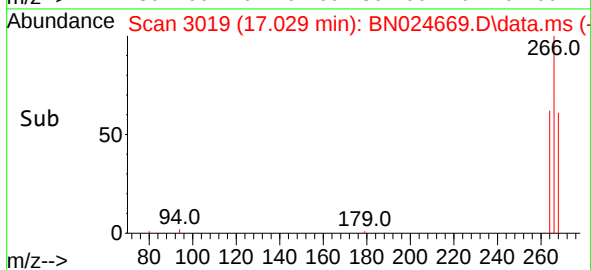
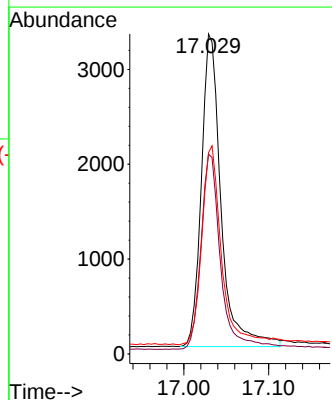
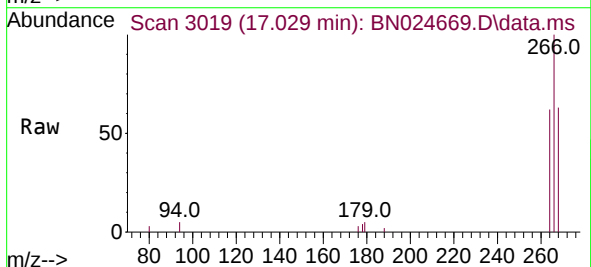
Instrument :
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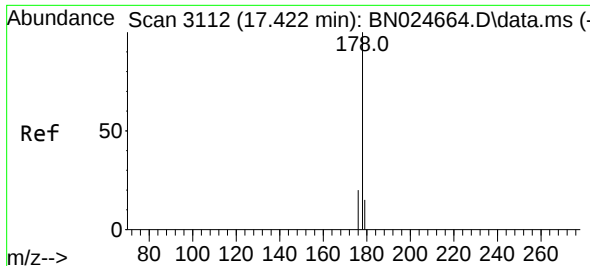
Tgt Ion:166 Resp: 21037
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 14.1 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.864 ng/ul
 RT: 17.029 min Scan# 3019
 Delta R.T. -0.004 min
 Lab File: BN024669.D
 Acq: 31 Mar 2023 07:39

Tgt Ion:266 Resp: 5318
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.6 74.4
 268 64.3 52.6 78.8

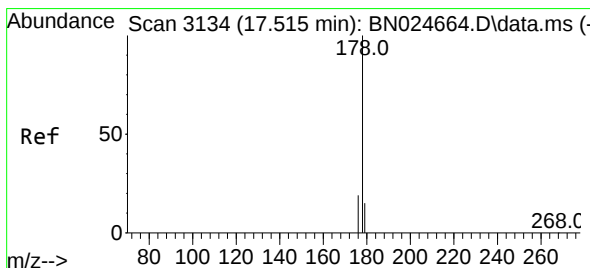
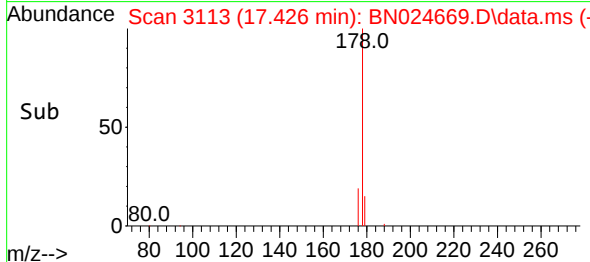
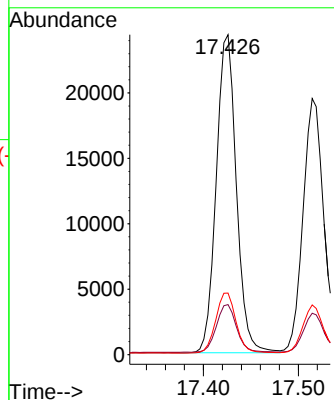
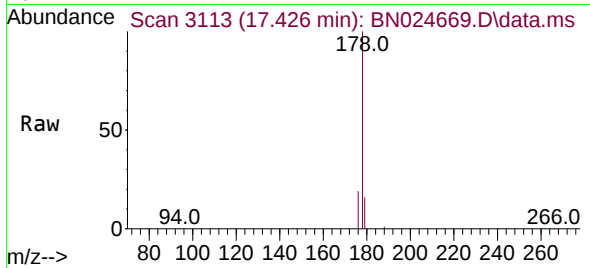




#15
Phenanthrene
Concen: 0.457 ng/ul
RT: 17.426 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

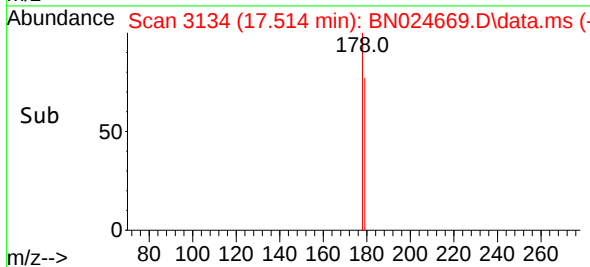
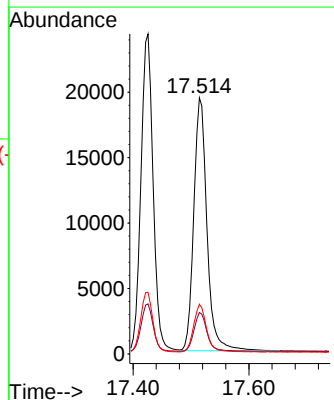
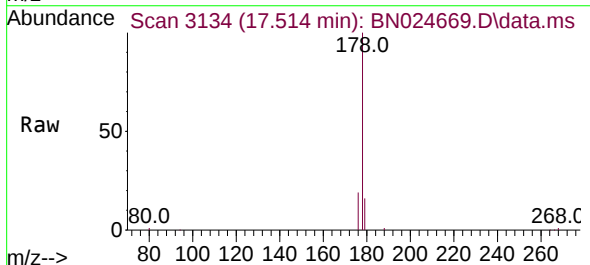
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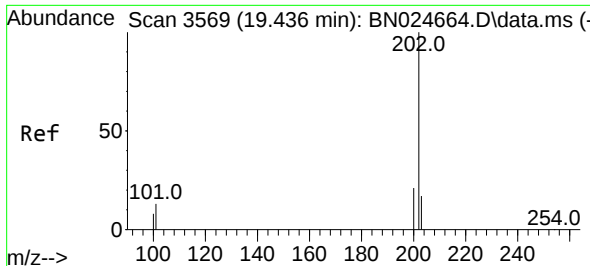
Tgt Ion:178 Resp: 35625
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.514 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:178 Resp: 30511
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.4 15.2 22.8

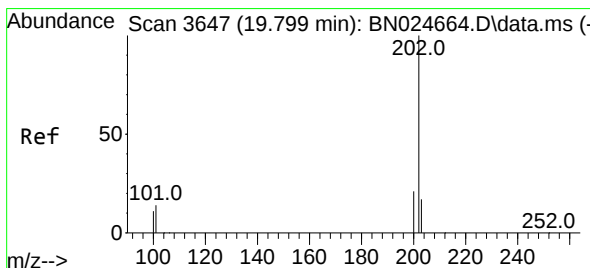
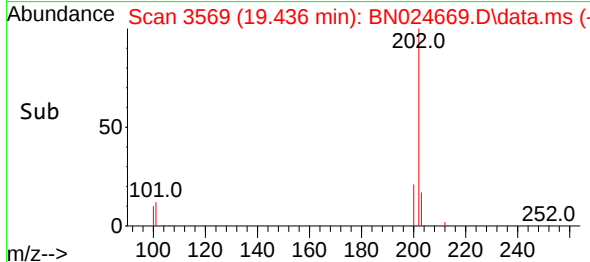
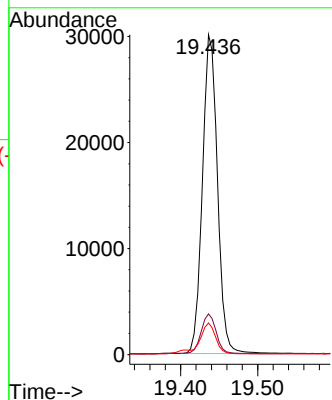
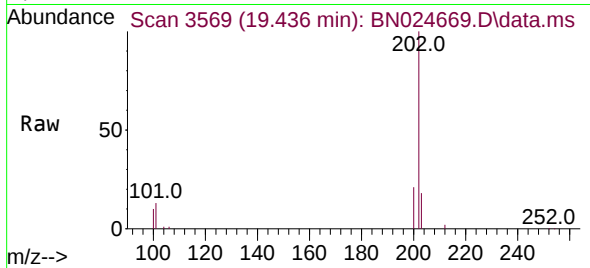




#19
Fluoranthene
Concen: 0.487 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

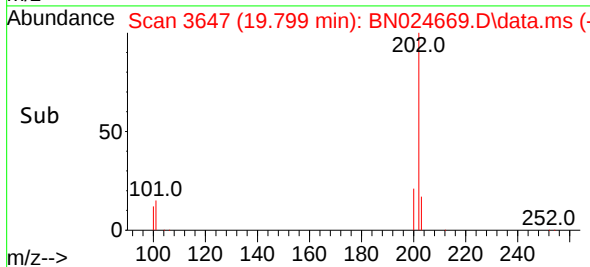
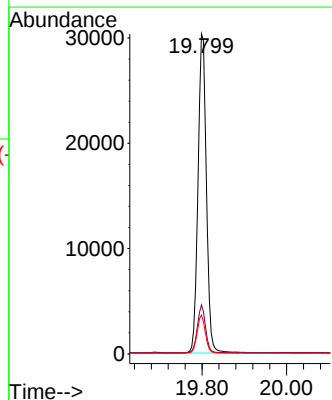
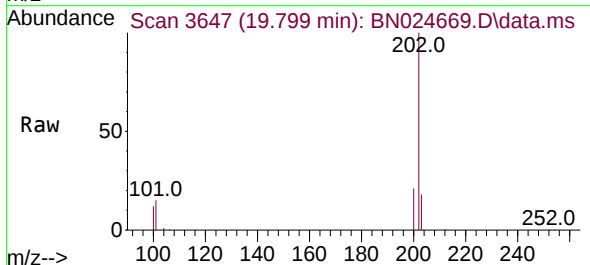
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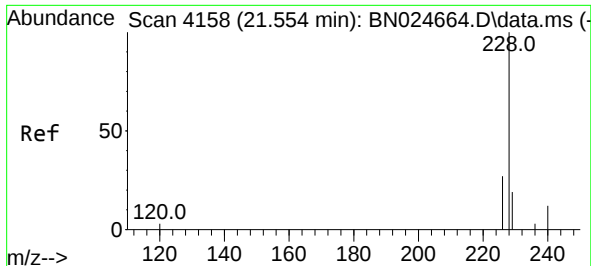
Tgt Ion:202 Resp: 40624
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.9 7.0 10.6



#20
Pyrene
Concen: 0.493 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:202 Resp: 41832
Ion Ratio Lower Upper
202 100
101 15.3 10.9 16.3
100 12.1 8.7 13.1

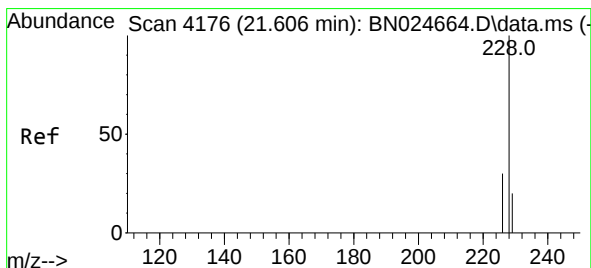
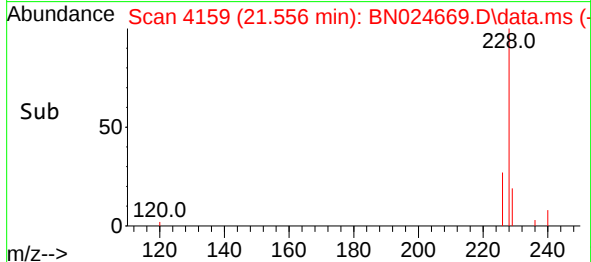
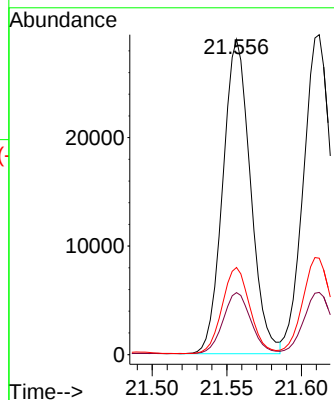
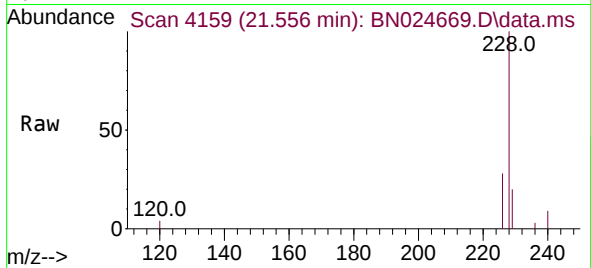




#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.556 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

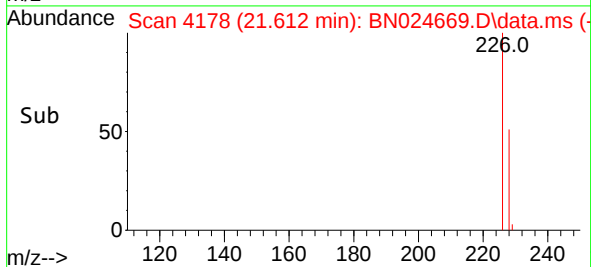
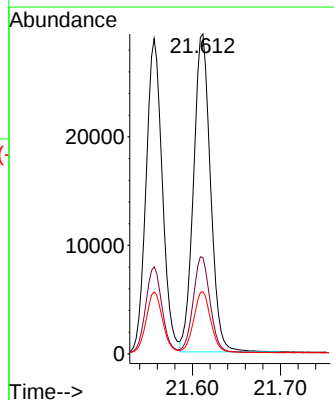
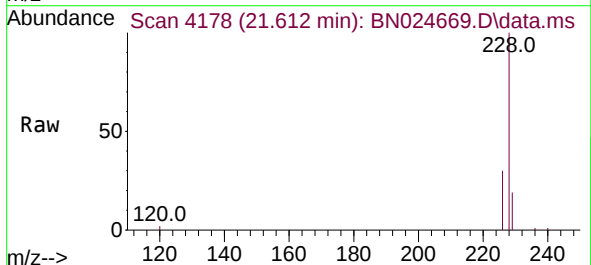
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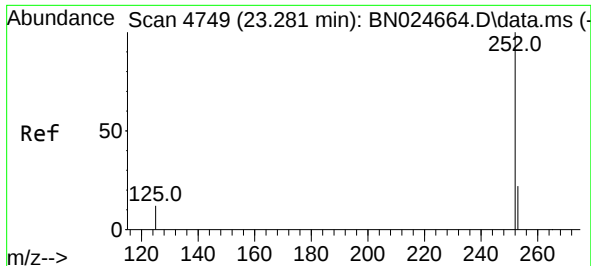
Tgt Ion:228 Resp: 37292
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.502 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:228 Resp: 39237
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.4 15.6 23.4

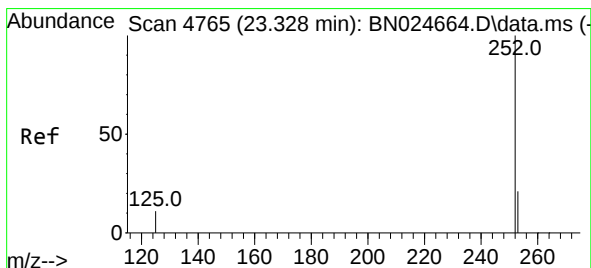
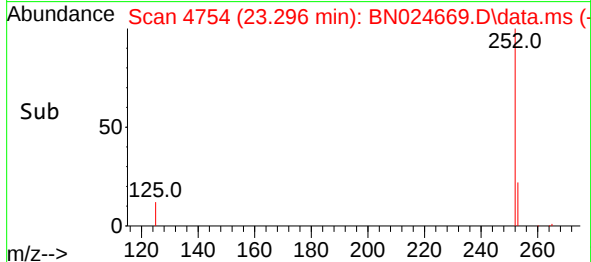
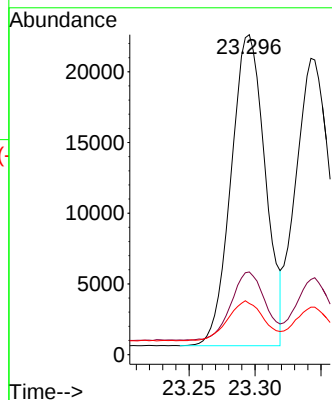
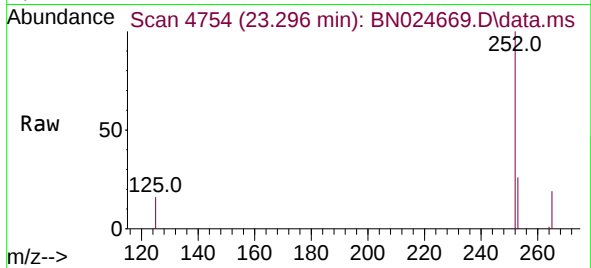




#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 23.296 min Scan# 4754
Delta R.T. 0.014 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

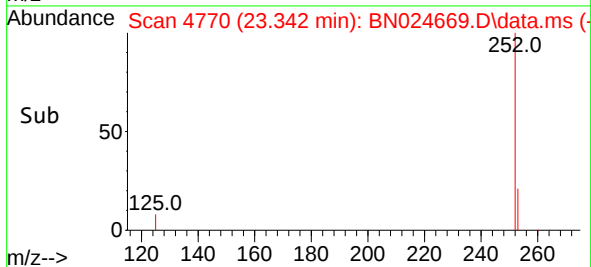
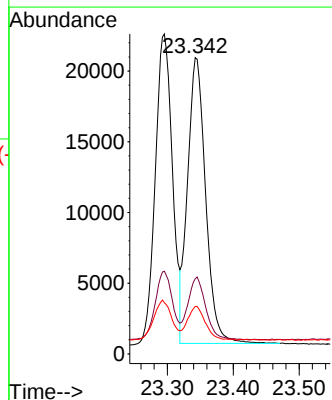
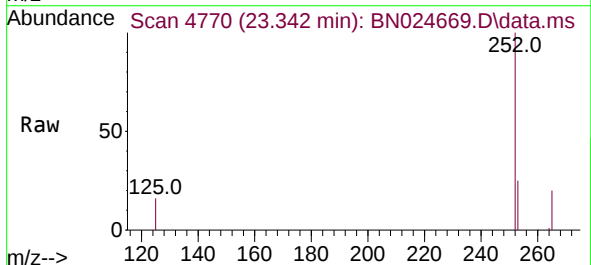
Instrument :
BNA_N
ClientSampleId :
SLCS685

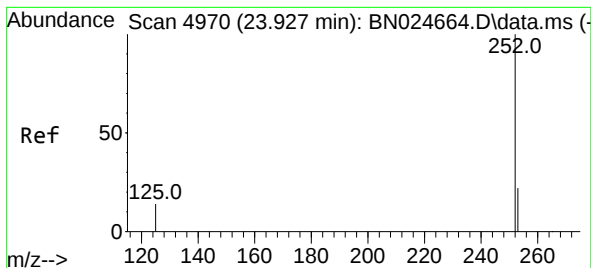
Tgt Ion:252 Resp: 39650
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.6
125 16.0 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.342 min Scan# 4770
Delta R.T. 0.014 min
Lab File: BN024669.D
Acq: 31 Mar 2023 07:39

Tgt Ion:252 Resp: 38649
Ion Ratio Lower Upper
252 100
253 25.4 20.2 30.2
125 16.0 13.1 19.7





#26

Benzo(a)pyrene

Concen: 0.479 ng/ul

RT: 23.948 min Scan# 4977

Delta R.T. 0.020 min

Lab File: BN024669.D

Acq: 31 Mar 2023 07:39

Instrument :

BNA_N

ClientSampleId :

SLCS685

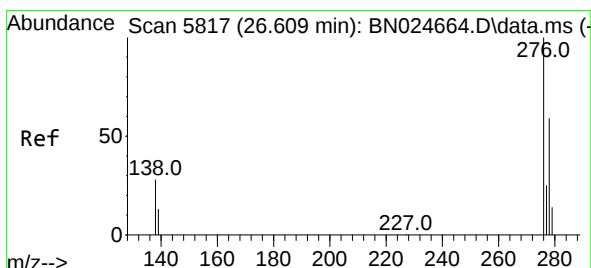
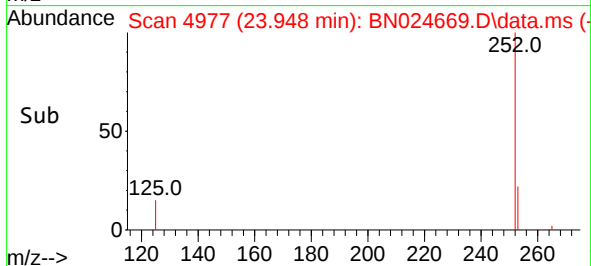
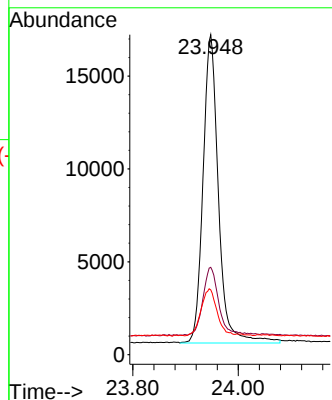
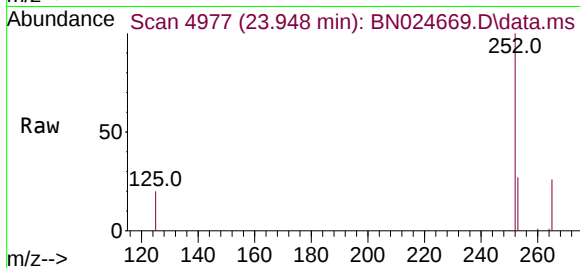
Tgt Ion:252 Resp: 33713

Ion Ratio Lower Upper

252 100

253 27.3 21.8 32.8

125 20.2 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.462 ng/ul

RT: 26.649 min Scan# 5829

Delta R.T. 0.037 min

Lab File: BN024669.D

Acq: 31 Mar 2023 07:39

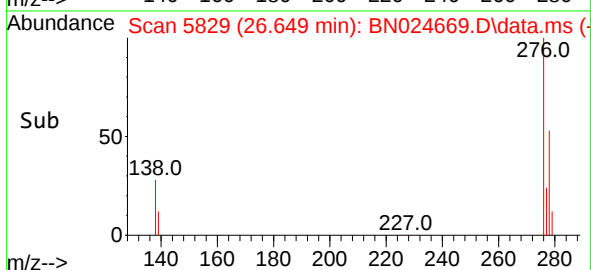
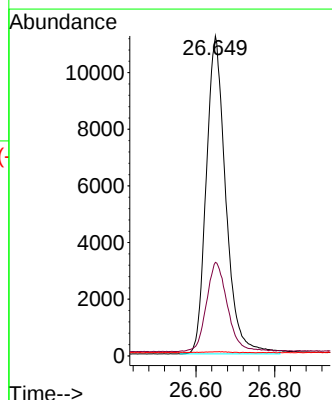
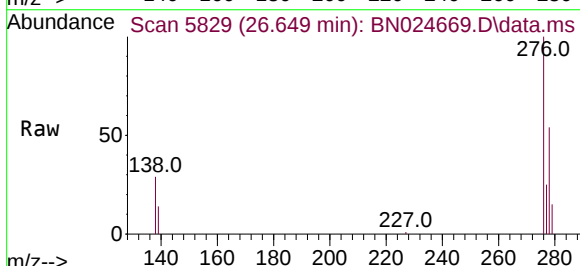
Tgt Ion:276 Resp: 38705

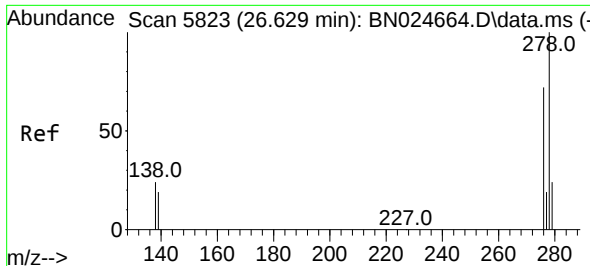
Ion Ratio Lower Upper

276 100

138 30.1 24.6 36.8

227 0.3 0.1 0.1#

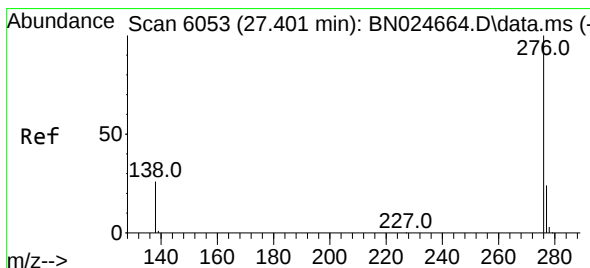
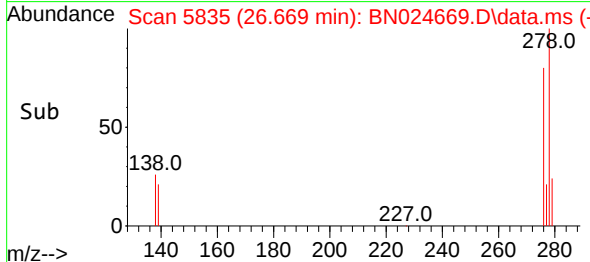
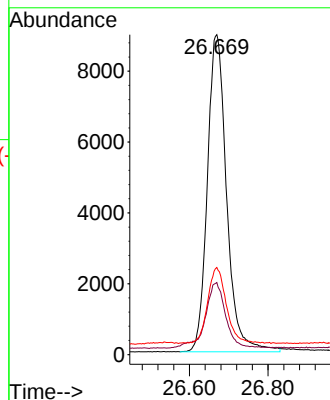
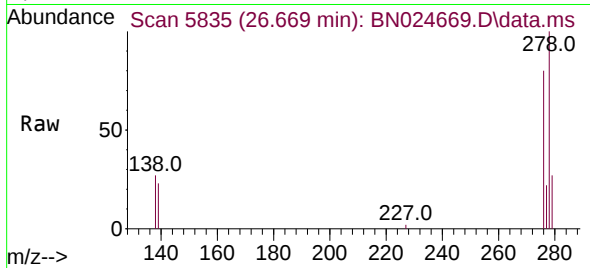




#28
 Dibenzo(a,h)anthracene
 Concen: 0.454 ng/ul
 RT: 26.669 min Scan# 5823
 Delta R.T. 0.040 min
 Lab File: BN024669.D
 Acq: 31 Mar 2023 07:39

Instrument :
 BNA_N
 ClientSampleId :
 SLCS685

Tgt Ion:278 Resp: 30451
 Ion Ratio Lower Upper
 278 100
 139 22.5 16.5 24.7
 279 27.2 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.446 ng/ul
 RT: 27.451 min Scan# 6068
 Delta R.T. 0.047 min
 Lab File: BN024669.D
 Acq: 31 Mar 2023 07:39

Tgt Ion:276 Resp: 32173
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.4 32.2
 277 25.1 19.8 29.6

