

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024677.D
 Acq On : 31 Mar 2023 13:51
 Operator : CG/JU
 Sample : PB151683BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS683

Quant Time: Apr 01 00:45:59 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

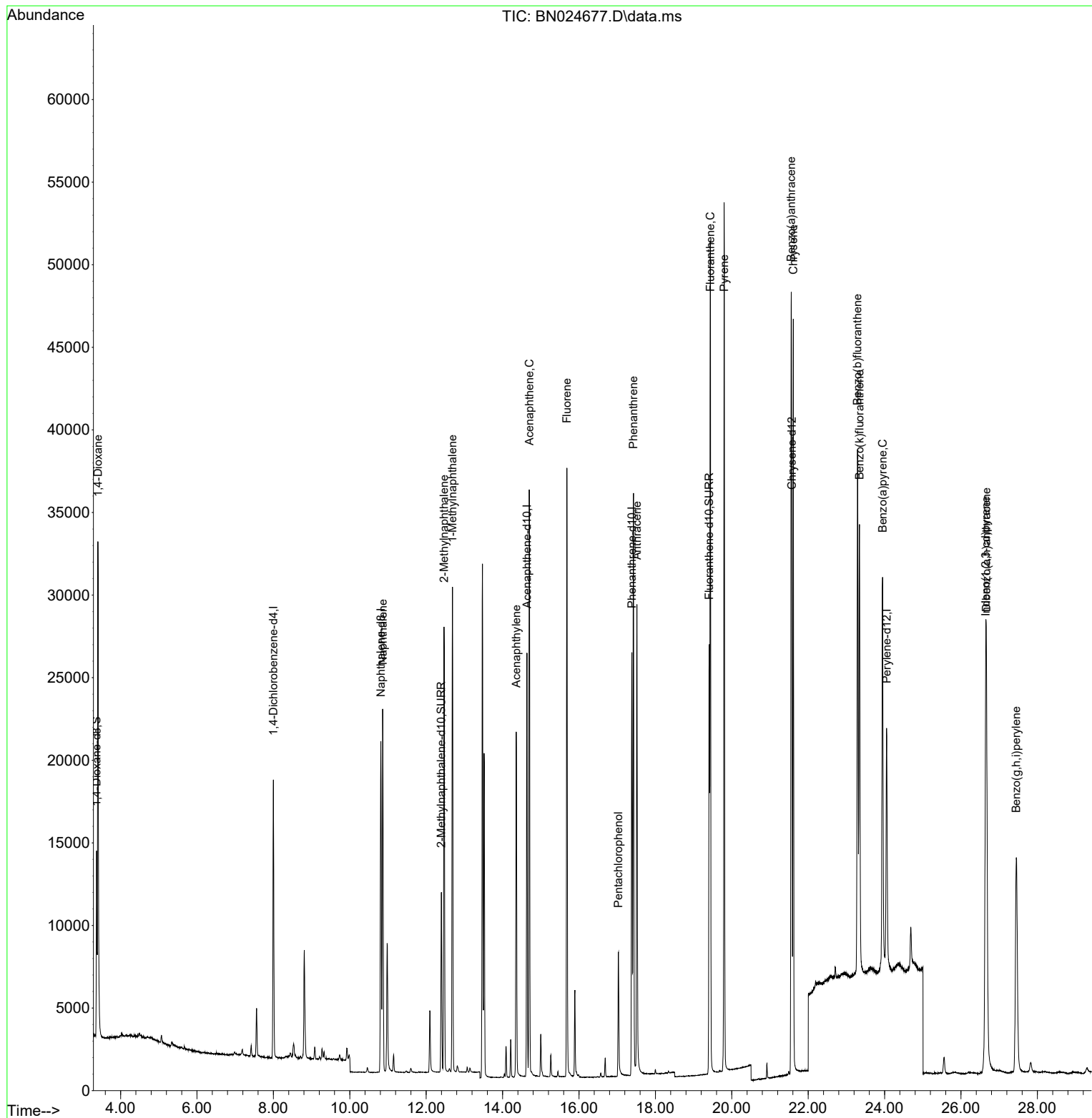
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8634	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	25858	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13962	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	30481	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	23862	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	21301	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6715	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13741	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27906	0.478	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	19152	2.054	ng/ul	91
5) Naphthalene	10.861	128	29963	0.472	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	18768	0.474	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	19596	0.474	ng/ul	100
10) Acenaphthylene	14.356	152	24536	0.497	ng/ul	99
11) Acenaphthene	14.698	153	20697	0.483	ng/ul	98
12) Fluorene	15.684	166	23049	0.471	ng/ul	99
14) Pentachlorophenol	17.033	266	5486	0.832	ng/ul	99
15) Phenanthrene	17.426	178	38060	0.455	ng/ul	100
16) Anthracene	17.515	178	32641	0.468	ng/ul	100
19) Fluoranthene	19.436	202	42395	0.504	ng/ul	98
20) Pyrene	19.799	202	43488	0.508	ng/ul	97
21) Benzo(a)anthracene	21.554	228	37580	0.524	ng/ul	99
22) Chrysene	21.609	228	39567	0.502	ng/ul	100
24) Benzo(b)fluoranthene	23.290	252	40309	0.455	ng/ul	97
25) Benzo(k)fluoranthene	23.342	252	38851	0.456	ng/ul	99
26) Benzo(a)pyrene	23.948	252	33859	0.486	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.646	276	38090	0.459	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.666	278	29759	0.449	ng/ul	98
29) Benzo(g,h,i)perylene	27.448	276	30960	0.434	ng/ul	99

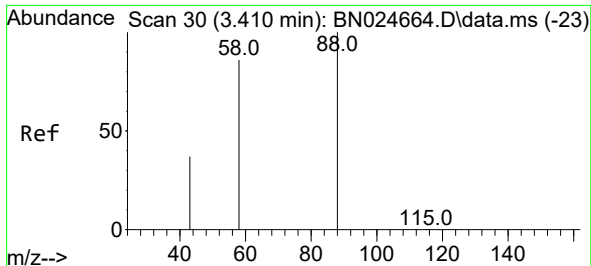
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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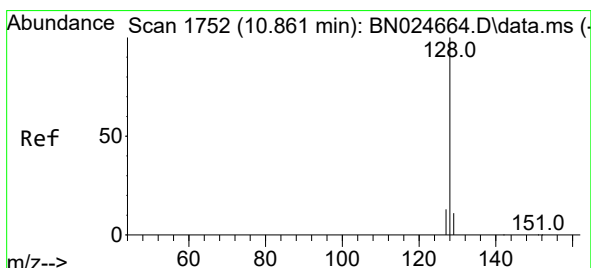
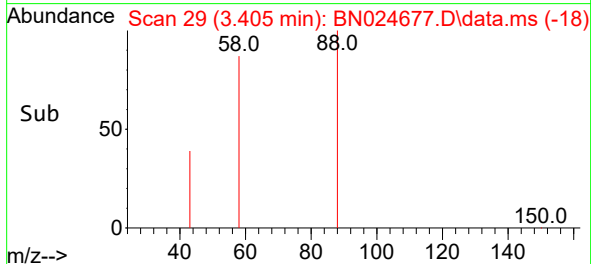
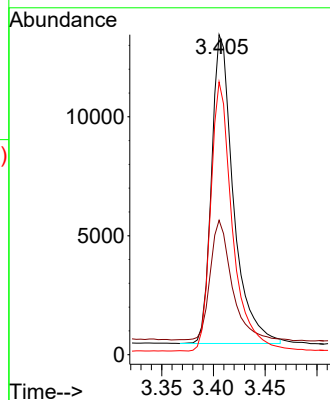
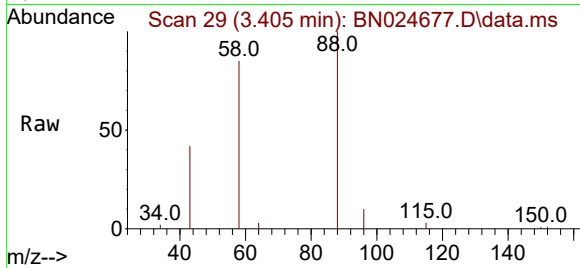




#2
 1,4-Dioxane
 Concen: 2.054 ng/ul
 RT: 3.405 min Scan# 29
 Delta R.T. -0.004 min
 Lab File: BN024677.D
 Acq: 31 Mar 2023 13:51

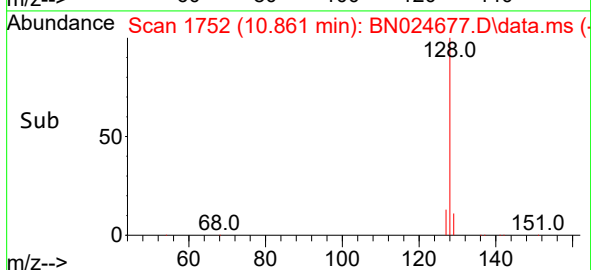
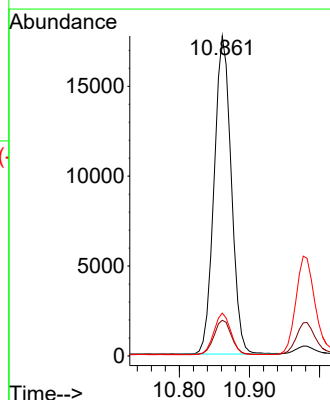
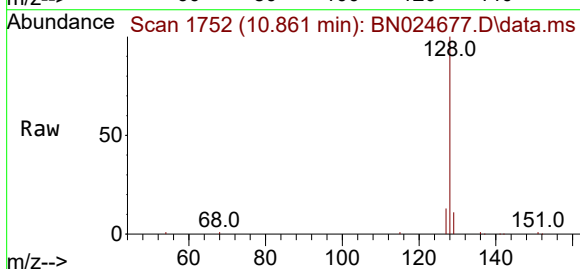
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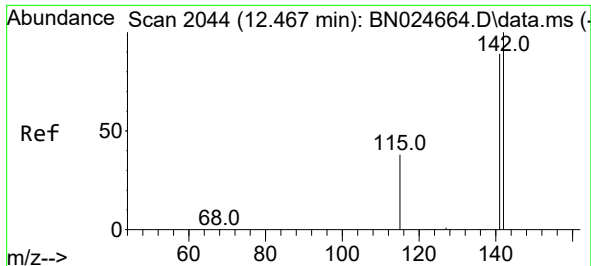
Tgt Ion: 88 Resp: 19152
 Ion Ratio Lower Upper
 88 100
 43 42.0 37.2 55.8
 58 85.3 61.5 92.3



#5
 Naphthalene
 Concen: 0.472 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.006 min
 Lab File: BN024677.D
 Acq: 31 Mar 2023 13:51

Tgt Ion:128 Resp: 29963
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.4 10.5 15.7

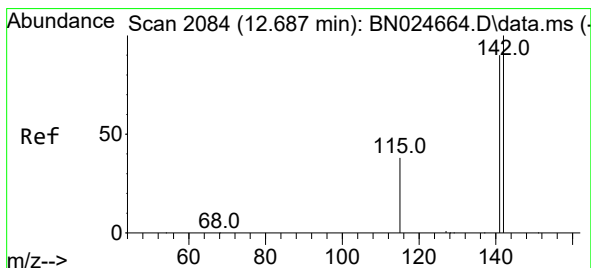
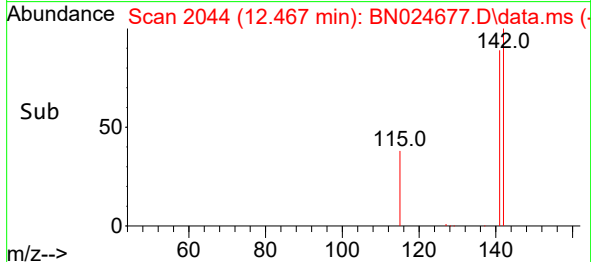
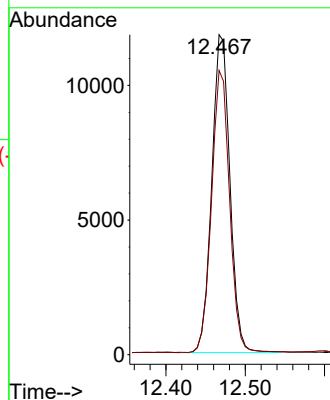
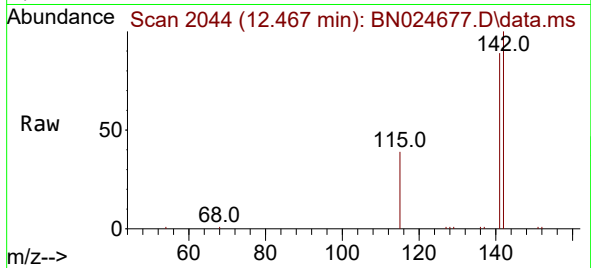




#7
2-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

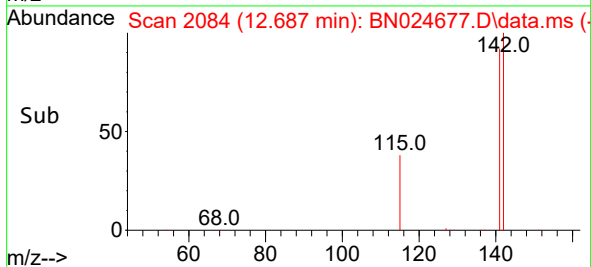
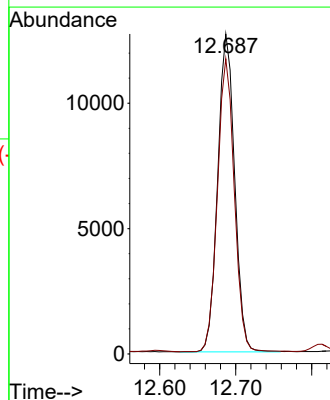
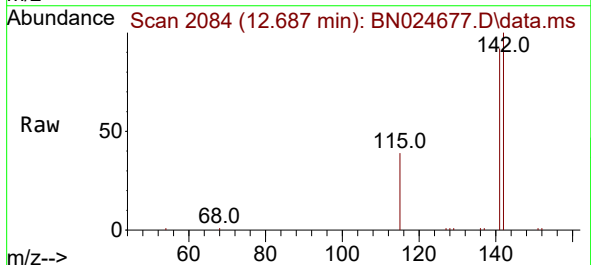
Instrument :
BNA_N
ClientSampleId :
SLCS683

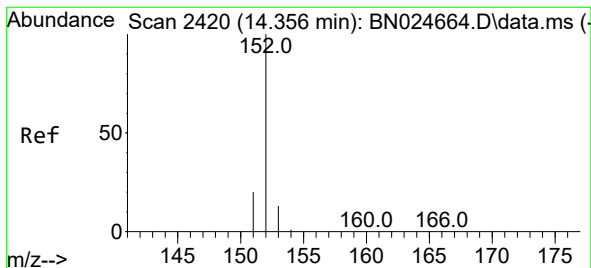
Tgt Ion:142 Resp: 18768
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:142 Resp: 19596
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#10

Acenaphthylene

Concen: 0.497 ng/ul

RT: 14.356 min Scan# 2420

Delta R.T. -0.005 min

Lab File: BN024677.D

Acq: 31 Mar 2023 13:51

Instrument :

BNA_N

ClientSampleId :

SLCS683

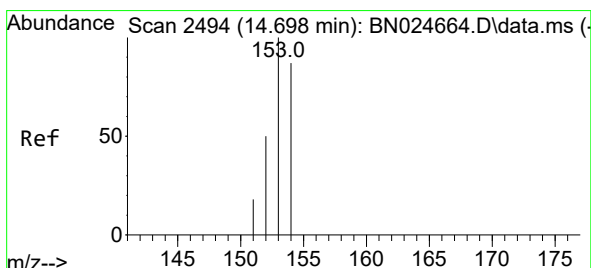
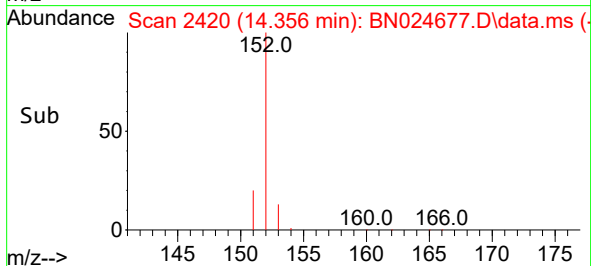
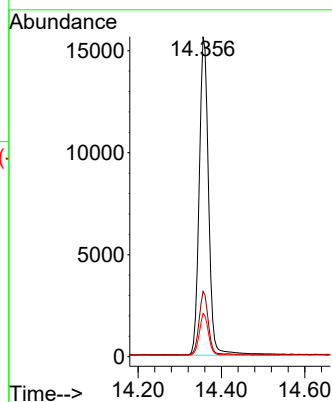
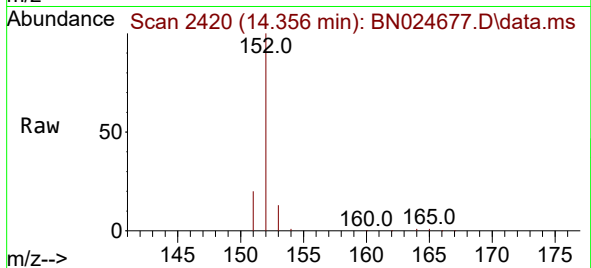
Tgt Ion:152 Resp: 24536

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 13.5 10.6 16.0



#11

Acenaphthene

Concen: 0.483 ng/ul

RT: 14.698 min Scan# 2494

Delta R.T. -0.005 min

Lab File: BN024677.D

Acq: 31 Mar 2023 13:51

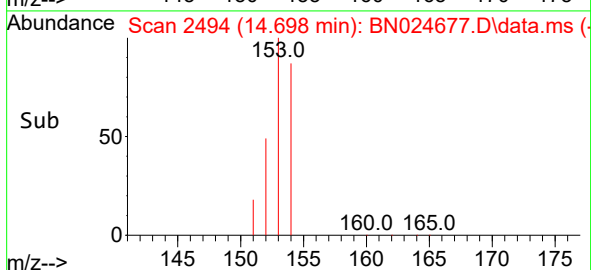
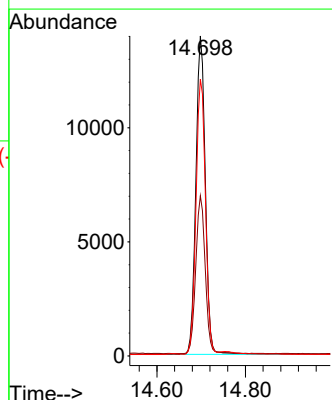
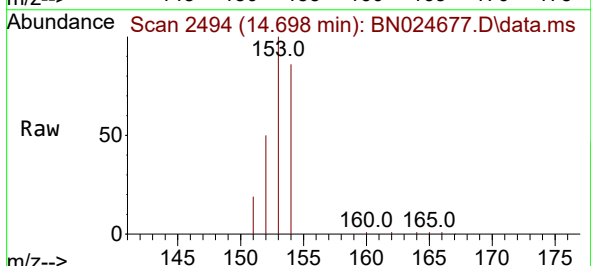
Tgt Ion:153 Resp: 20697

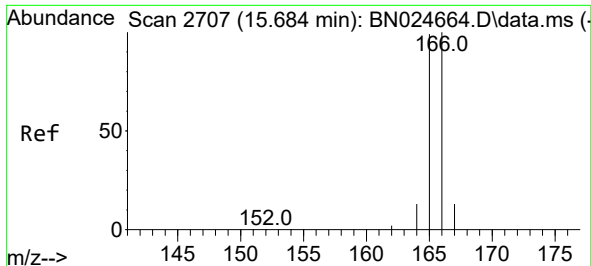
Ion Ratio Lower Upper

153 100

152 50.1 40.3 60.5

154 86.5 71.0 106.4

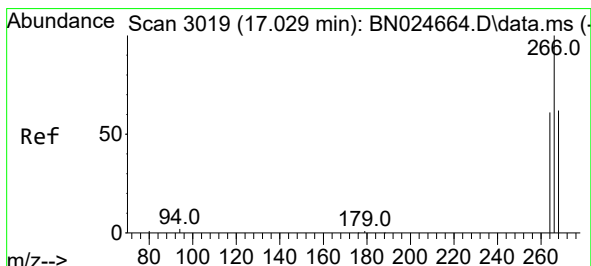
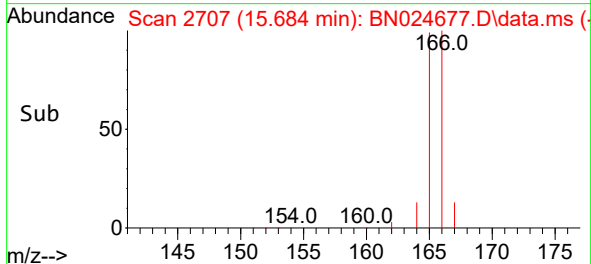
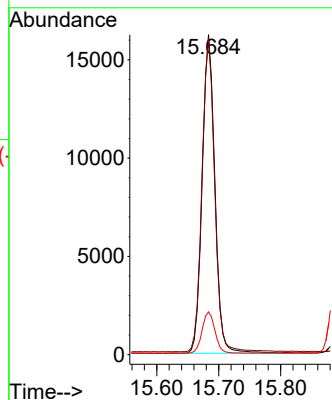
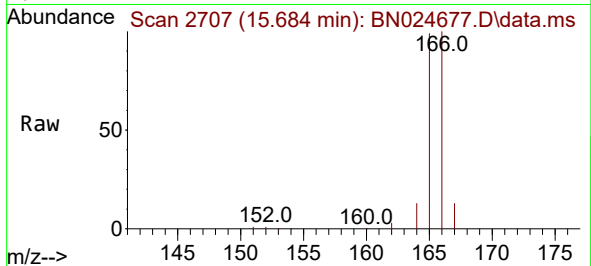




#12
Fluorene
Concen: 0.471 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

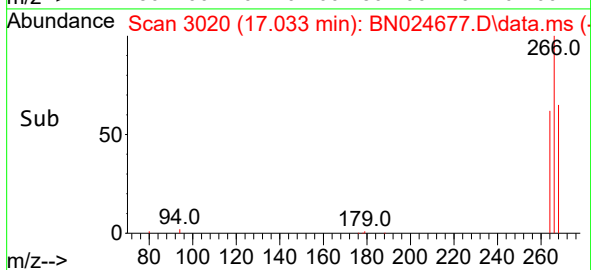
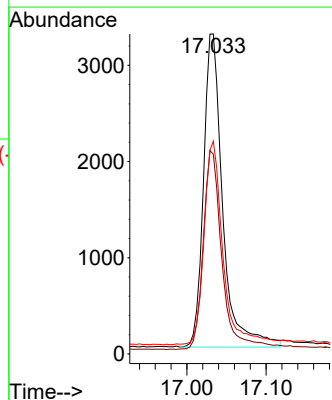
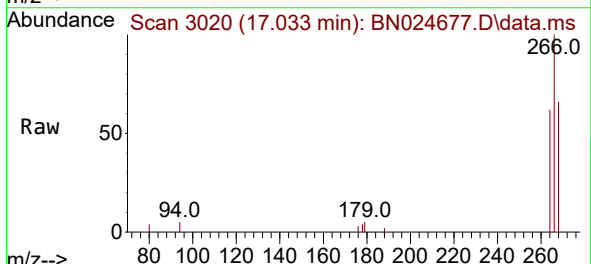
Instrument :
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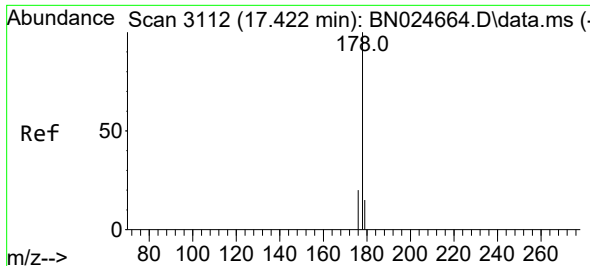
Tgt Ion:166 Resp: 23049
Ion Ratio Lower Upper
166 100
165 99.0 80.0 120.0
167 13.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.832 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:266 Resp: 5486
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 64.3 52.6 78.8

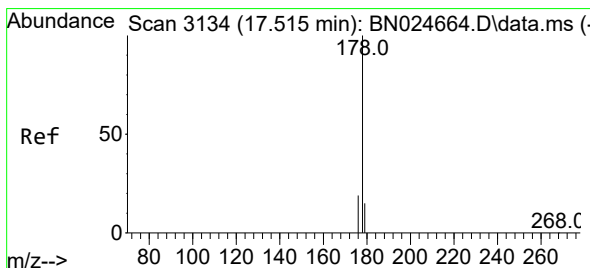
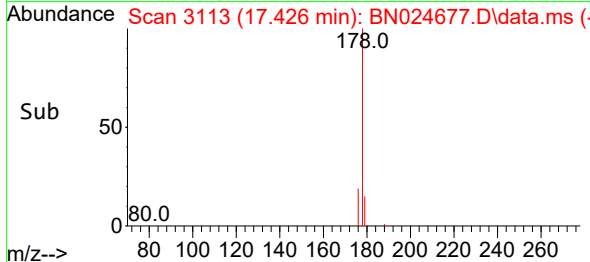
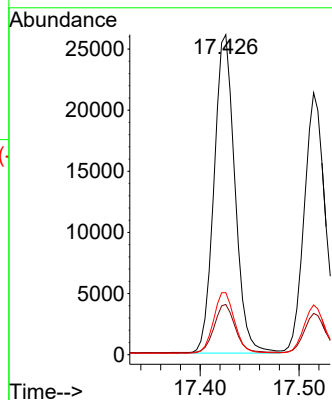
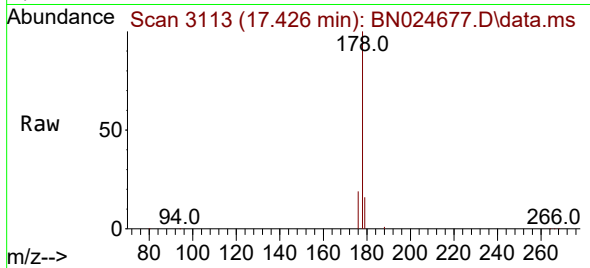




#15
Phenanthrene
Concen: 0.455 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

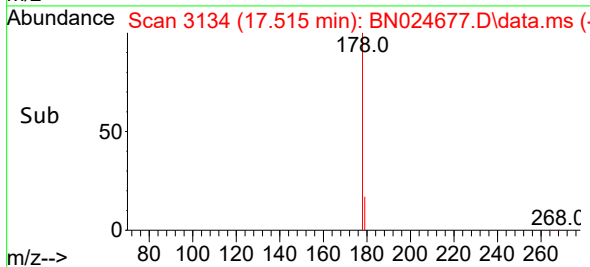
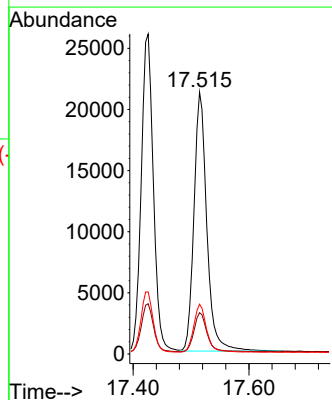
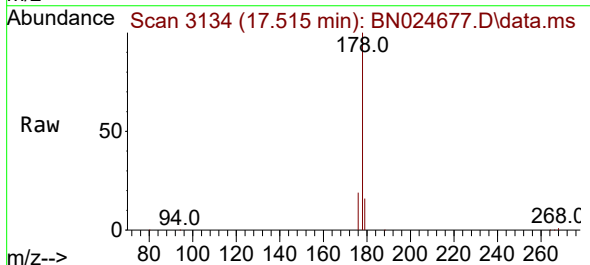
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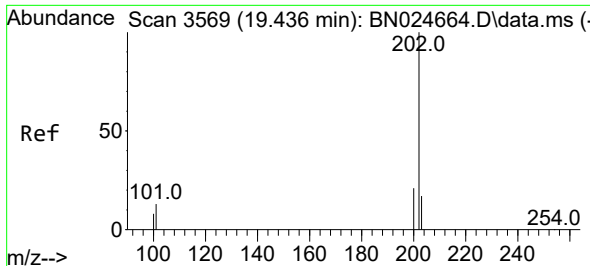
Tgt Ion:178 Resp: 38060
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:178 Resp: 32641
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.0 15.2 22.8

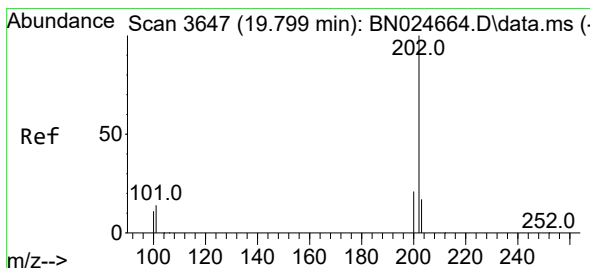
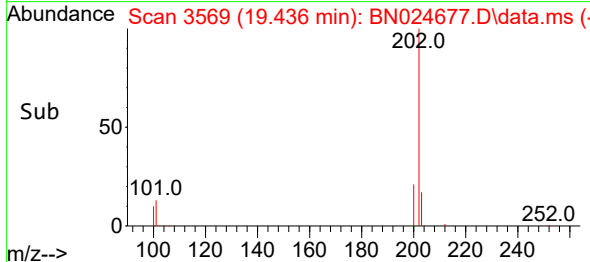
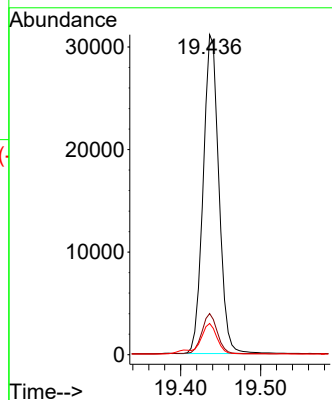
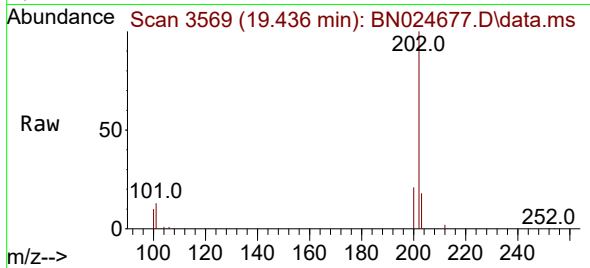




#19
Fluoranthene
Concen: 0.504 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

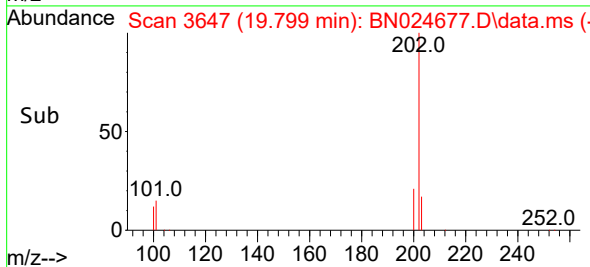
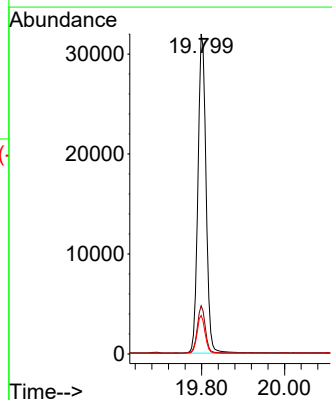
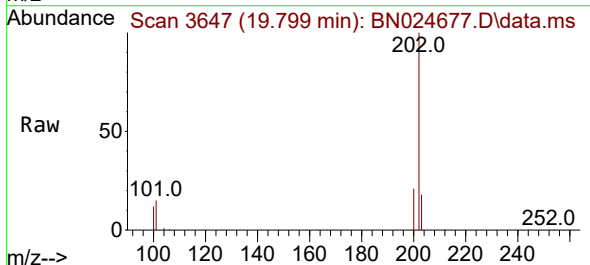
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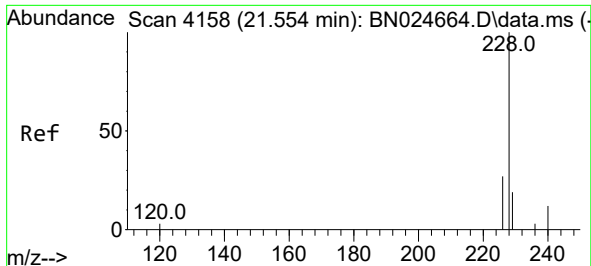
Tgt Ion:202 Resp: 42395
Ion Ratio Lower Upper
202 100
101 12.8 9.6 14.4
100 9.7 7.0 10.6



#20
Pyrene
Concen: 0.508 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:202 Resp: 43488
Ion Ratio Lower Upper
202 100
101 15.1 10.9 16.3
100 12.0 8.7 13.1

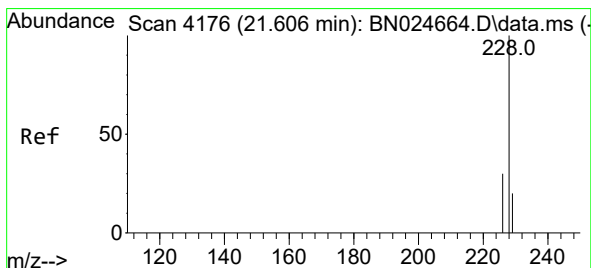
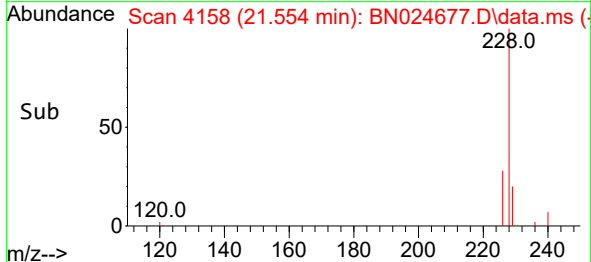
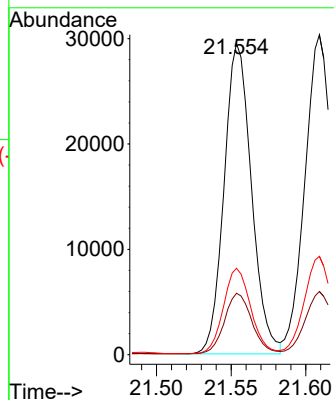
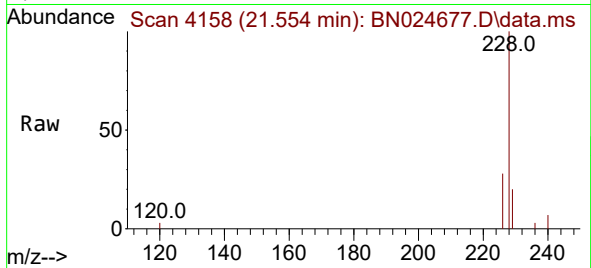




#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.554 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

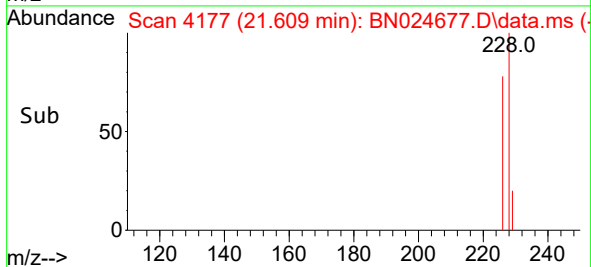
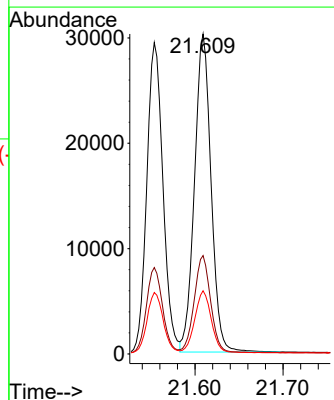
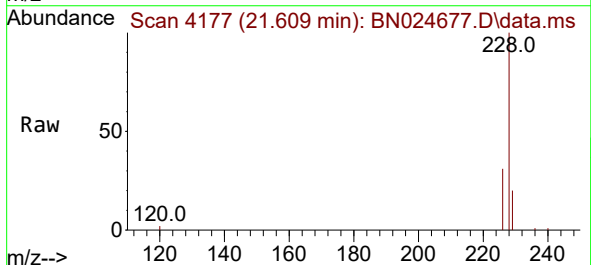
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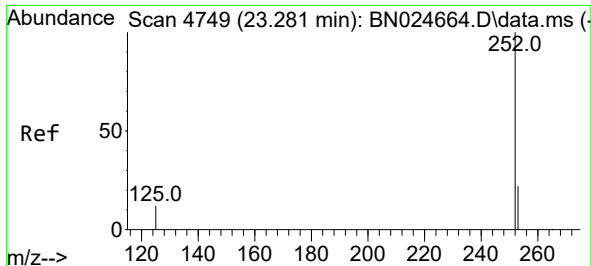
Tgt Ion:228 Resp: 37580
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.502 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:228 Resp: 39567
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.7 15.6 23.4

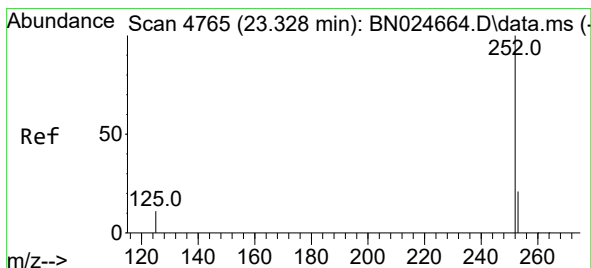
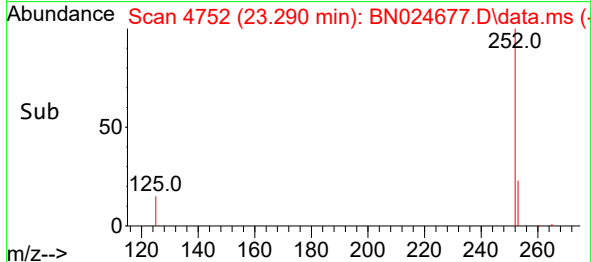
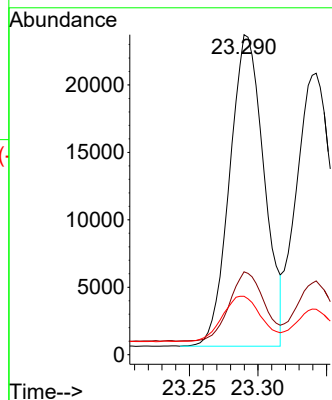
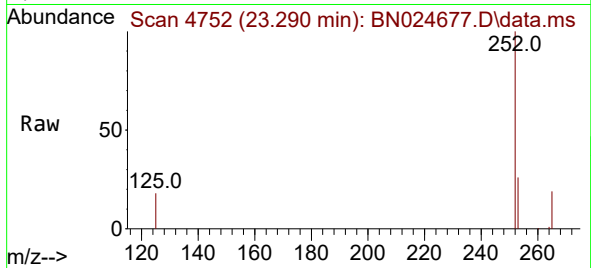




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.290 min Scan# 4752
Delta R.T. 0.009 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

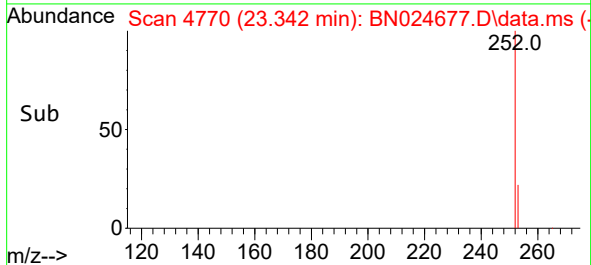
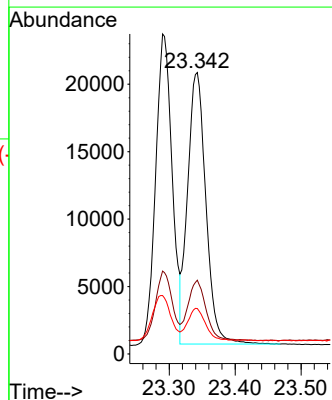
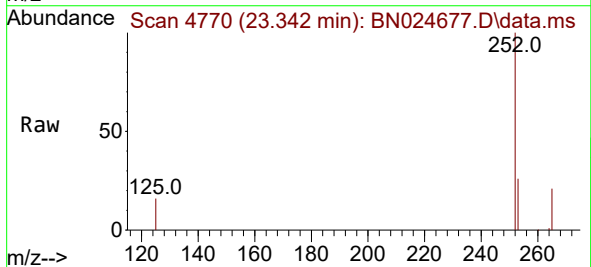
Instrument :
BNA_N
ClientSampleId :
SLCS683

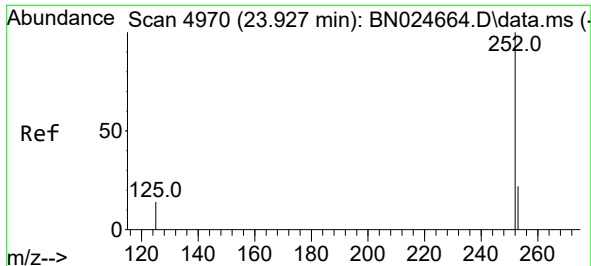
Tgt Ion:252 Resp: 40309
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.6
125 18.2 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 23.342 min Scan# 4770
Delta R.T. 0.015 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:252 Resp: 38851
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 16.2 13.1 19.7

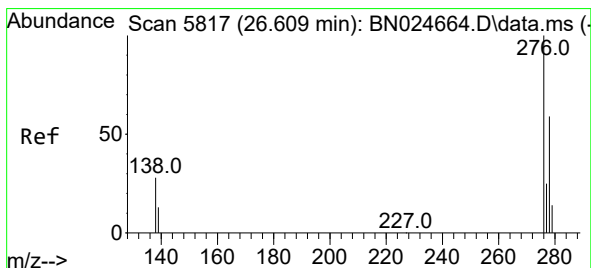
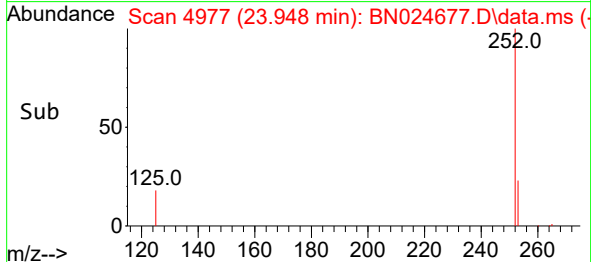
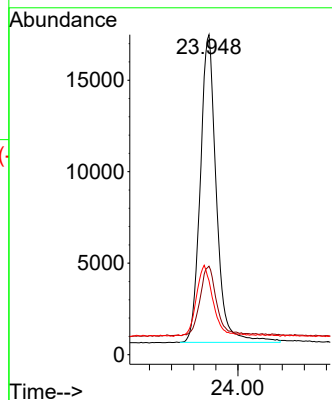
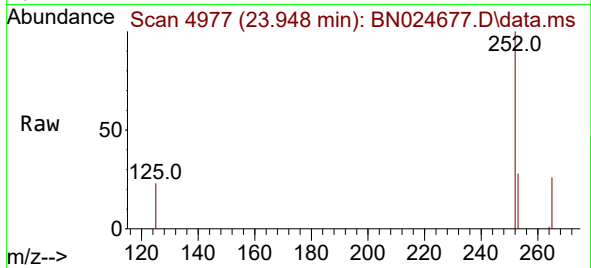




#26
Benzo(a)pyrene
Concen: 0.486 ng/ul
RT: 23.948 min Scan# 4977
Delta R.T. 0.020 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

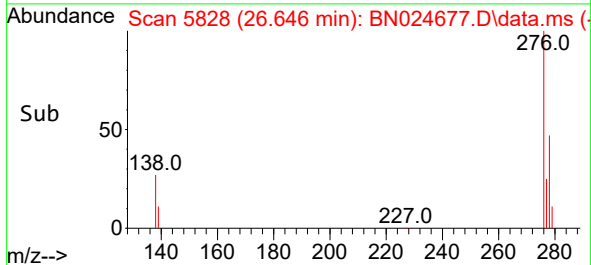
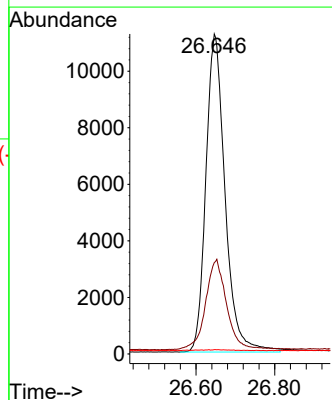
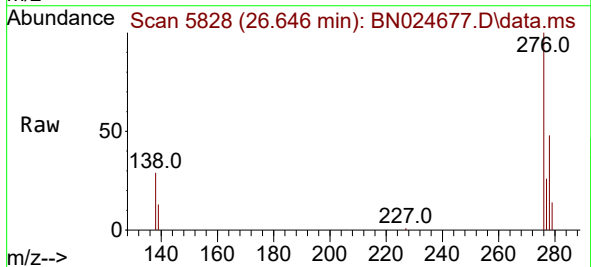
Instrument :
BNA_N
ClientSampleId :
SLCS683

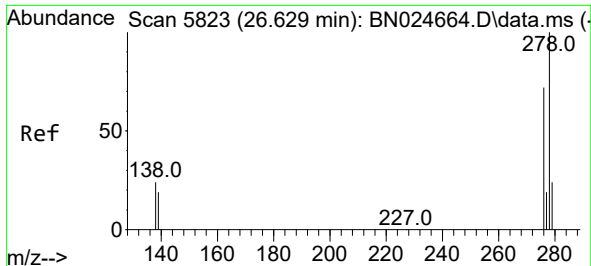
Tgt Ion:252 Resp: 33859
Ion Ratio Lower Upper
252 100
253 27.7 21.8 32.8
125 23.2 15.4 23.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.646 min Scan# 5828
Delta R.T. 0.033 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:276 Resp: 38090
Ion Ratio Lower Upper
276 100
138 30.8 24.6 36.8
227 0.3 0.1 0.1#

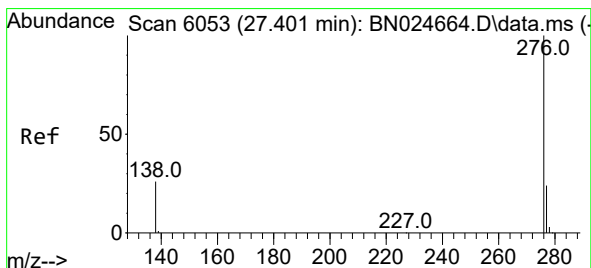
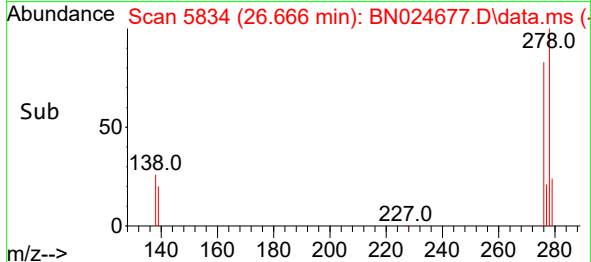
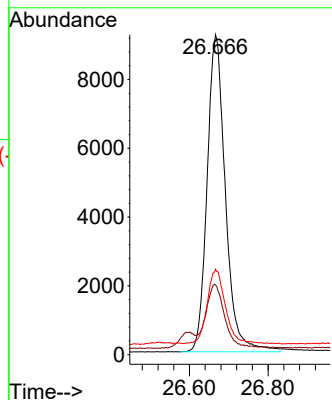
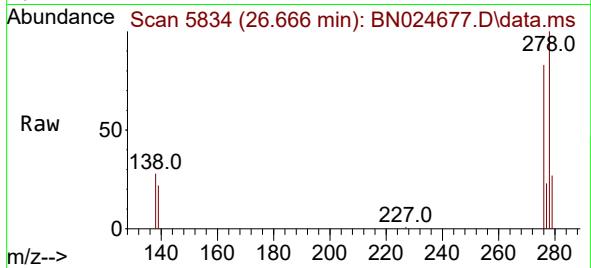




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.666 min Scan# 5834
Delta R.T. 0.037 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Instrument :
BNA_N
ClientSampleId :
SLCS683

Tgt Ion:278 Resp: 29759
Ion Ratio Lower Upper
278 100
139 21.8 16.5 24.7
279 26.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 27.448 min Scan# 6067
Delta R.T. 0.044 min
Lab File: BN024677.D
Acq: 31 Mar 2023 13:51

Tgt Ion:276 Resp: 30960
Ion Ratio Lower Upper
276 100
138 27.2 21.4 32.2
277 24.5 19.8 29.6

