

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024685.D
 Acq On : 31 Mar 2023 18:42
 Operator : CG/JU
 Sample : 02006-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB963

Quant Time: Apr 01 01:02:39 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 : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

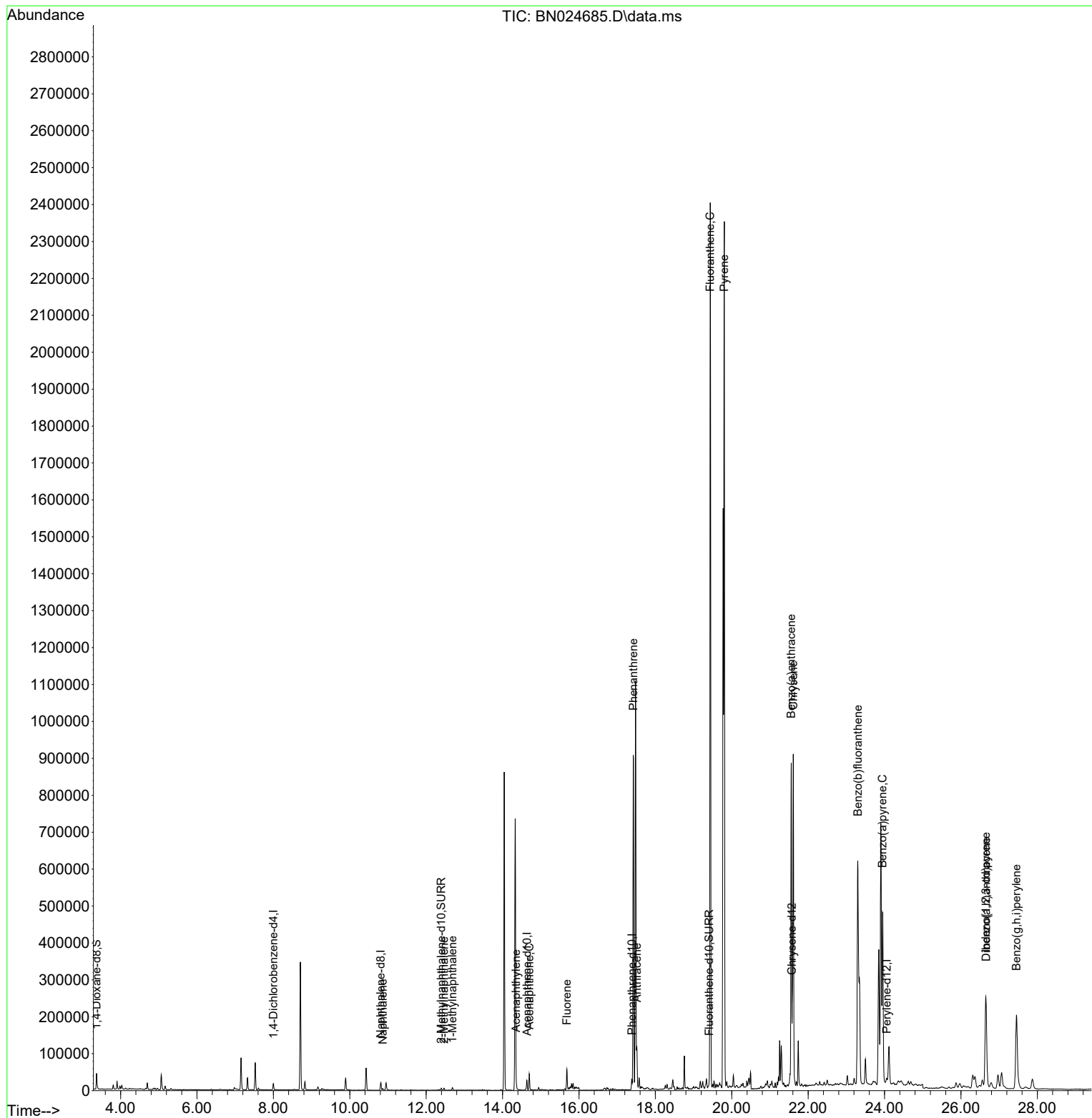
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8666	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	26629	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	15116	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	32916	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	26291	0.400	ng/ul	# 0.00
23) Perylene-d12	24.056	264	22145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	25729	2.893	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	6861	0.209	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	15934	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.861	128	6105	0.093	ng/ul	95
7) 2-Methylnaphthalene	12.467	142	3732	0.092	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	4827	0.113	ng/ul	99
10) Acenaphthylene	14.356	152	15953	0.299	ng/ul#	96
11) Acenaphthene	14.698	153	25260	0.545	ng/ul	99
12) Fluorene	15.684	166	34560	0.653	ng/ul	98
15) Phenanthrene	17.422	178	951726	10.544	ng/ul	100
16) Anthracene	17.515	178	111672	1.481	ng/ul	100
19) Fluoranthene	19.436	202	2024753	21.857	ng/ul	97
20) Pyrene	19.803	202	1868834	19.815	ng/ul	99
21) Benzo(a)anthracene	21.557	228	752458	9.526	ng/ul	98
22) Chrysene	21.612	228	951791	10.956	ng/ul	97
24) Benzo(b)fluoranthene	23.299	252	1409783	15.323	ng/ul	95
26) Benzo(a)pyrene	23.948	252	626937	8.665	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.650	276	421617	4.892	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.660	278	95326	1.382	ng/ul#	96
29) Benzo(g,h,i)perylene	27.451	276	427838	5.770	ng/ul	99

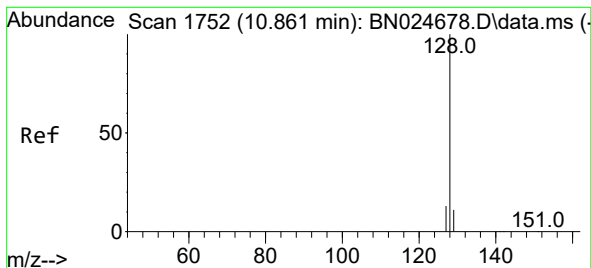
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.093 ng/ul

RT: 10.861 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BN024685.D

Acq: 31 Mar 2023 18:42

Instrument :

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CB963

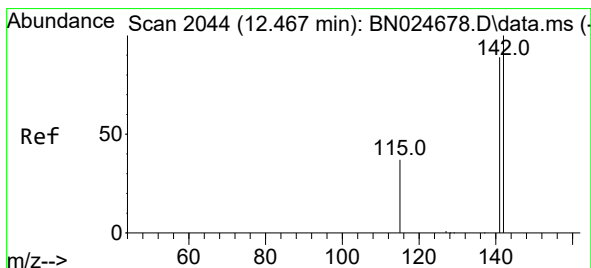
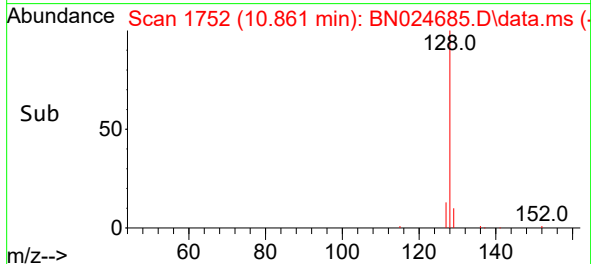
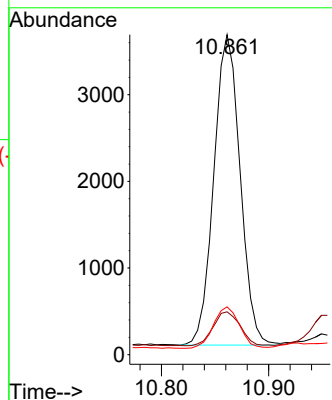
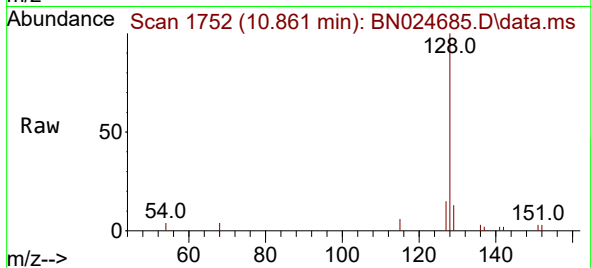
Tgt Ion:128 Resp: 6105

Ion Ratio Lower Upper

128 100

129 13.4 9.0 13.6

127 14.9 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.092 ng/ul

RT: 12.467 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BN024685.D

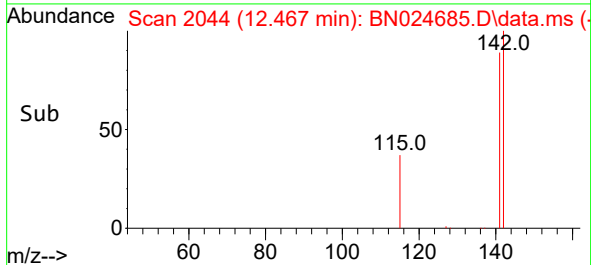
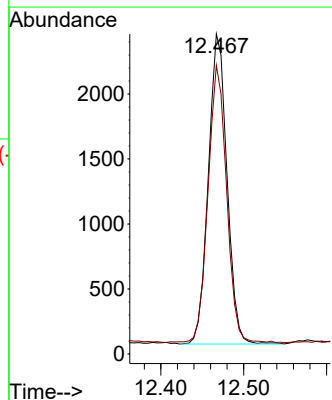
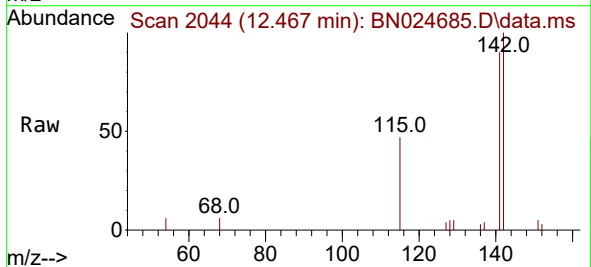
Acq: 31 Mar 2023 18:42

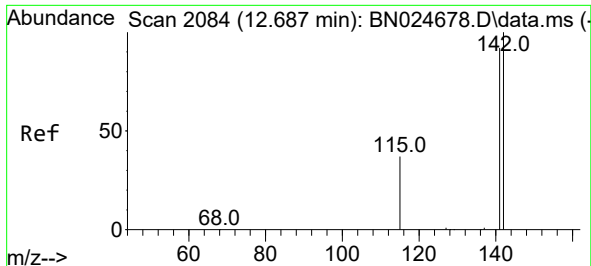
Tgt Ion:142 Resp: 3732

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3

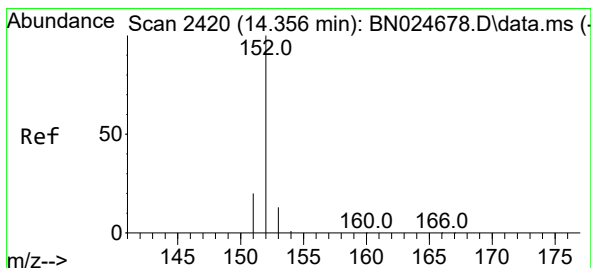
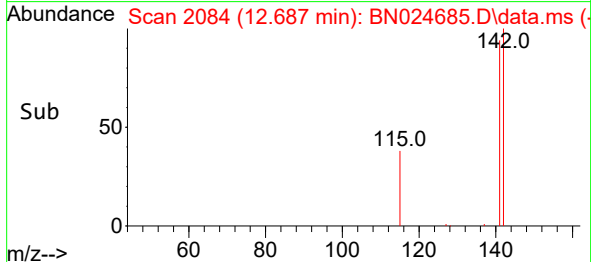
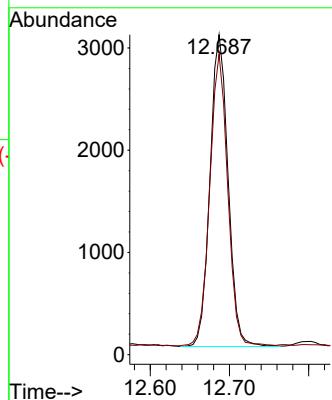
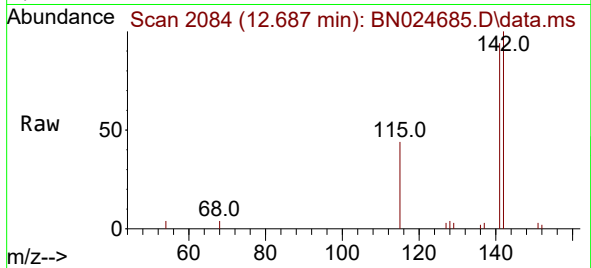




#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

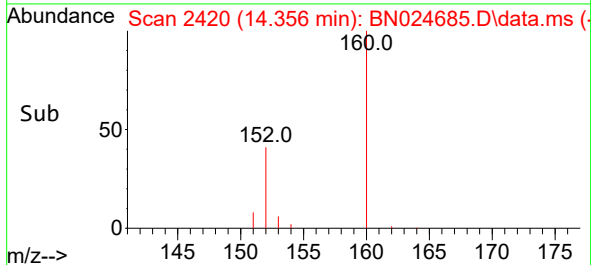
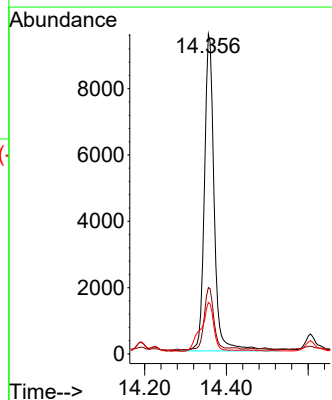
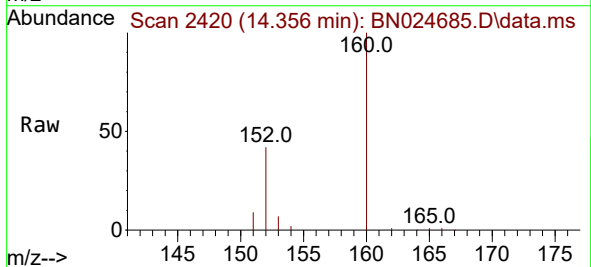
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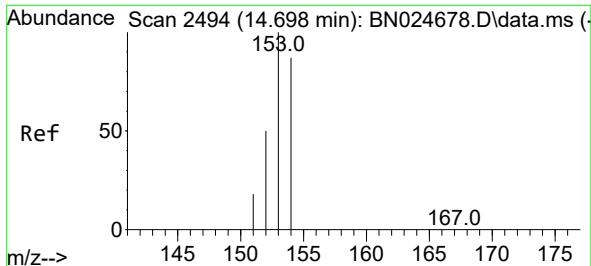
Tgt Ion:142 Resp: 4827
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3



#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:152 Resp: 15953
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 16.1 10.6 16.0#

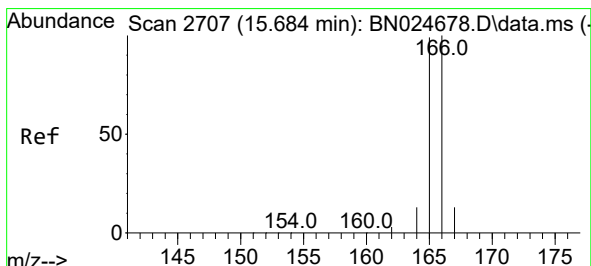
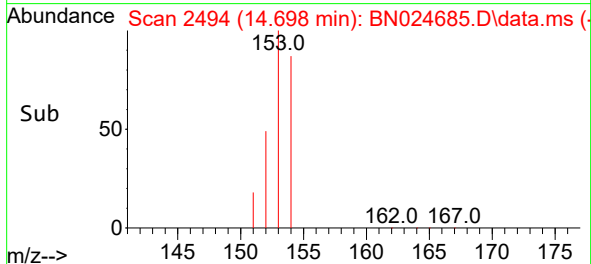
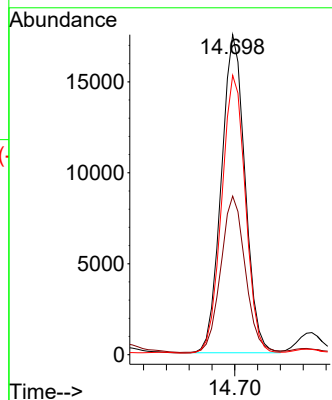
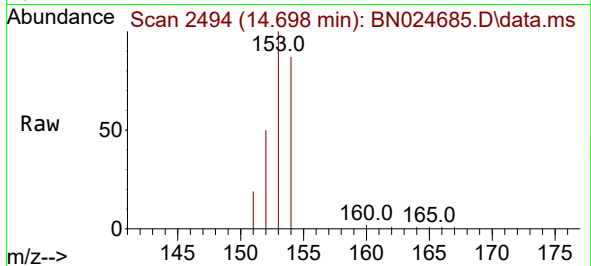




#11
Acenaphthene
Concen: 0.545 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

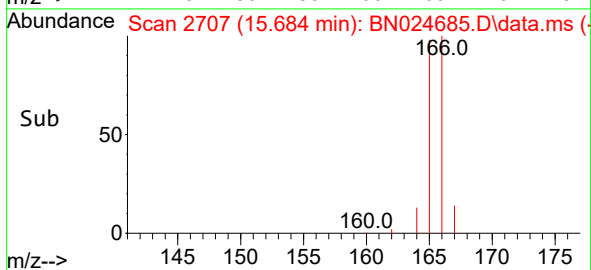
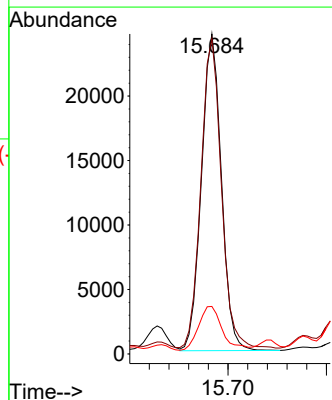
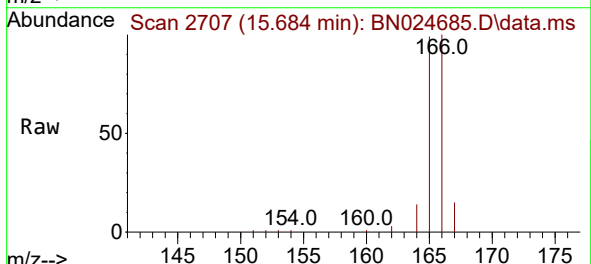
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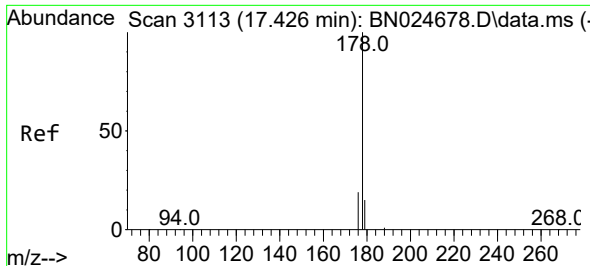
Tgt Ion:153 Resp: 25260
Ion Ratio Lower Upper
153 100
152 49.6 40.3 60.5
154 87.3 71.0 106.4



#12
Fluorene
Concen: 0.653 ng/ul
RT: 15.684 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:166 Resp: 34560
Ion Ratio Lower Upper
166 100
165 98.5 80.0 120.0
167 14.9 10.8 16.2

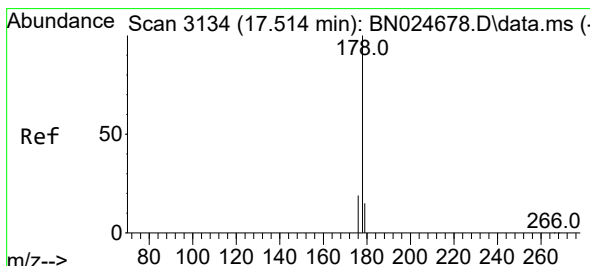
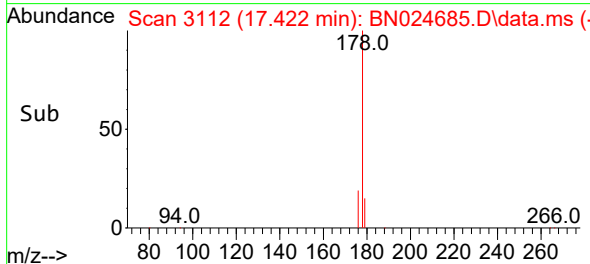
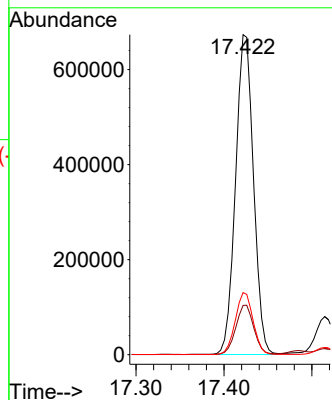
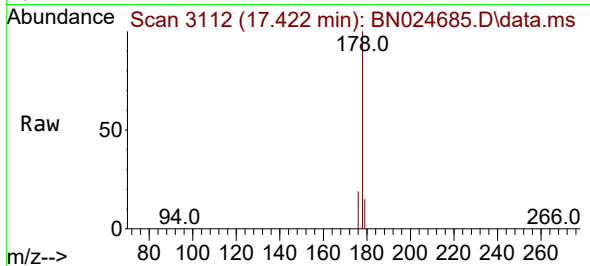




#15
Phenanthrene
Concen: 10.544 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

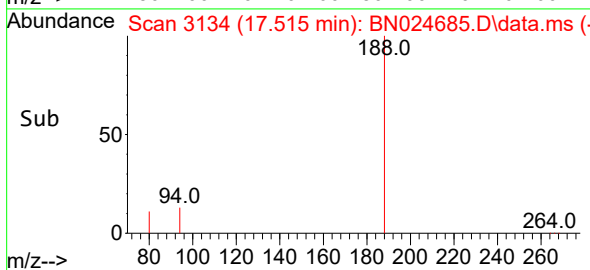
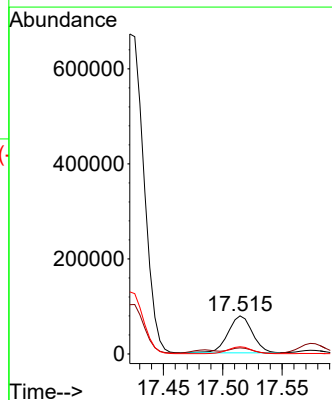
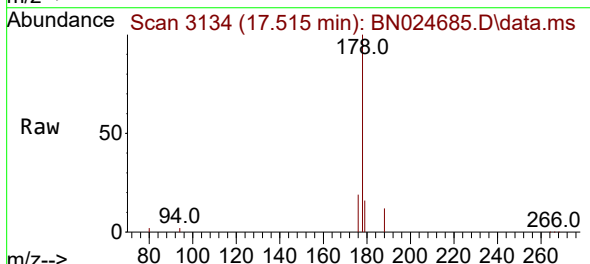
Instrument :
BNA_N
ClientSampleId :
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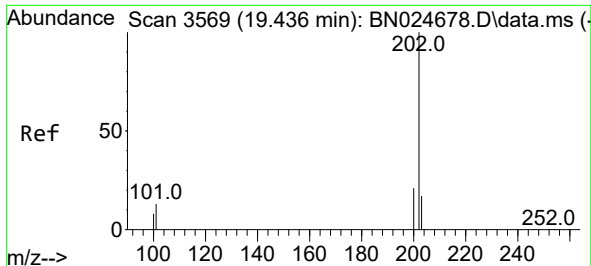
Tgt Ion:178 Resp: 951726
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 1.481 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:178 Resp: 111672
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.9 15.2 22.8

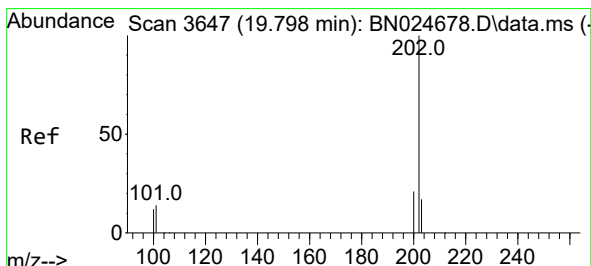
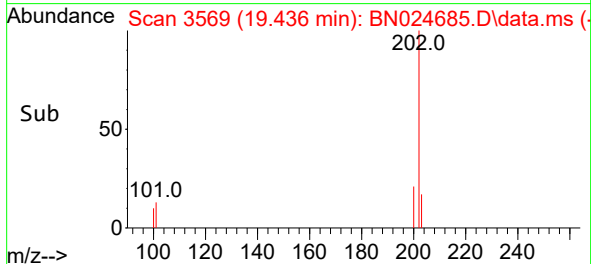
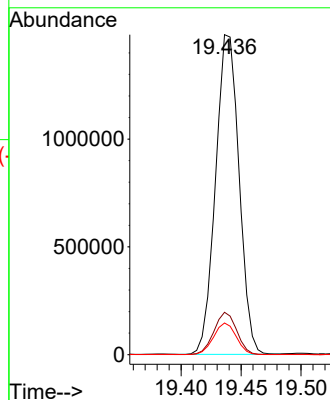
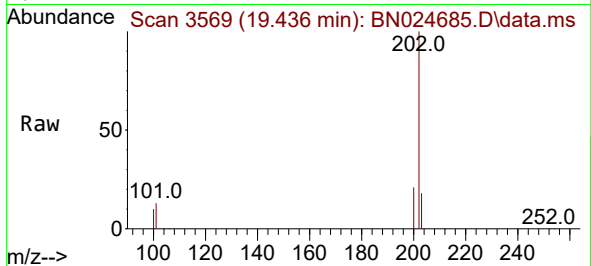




#19
Fluoranthene
Concen: 21.857 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

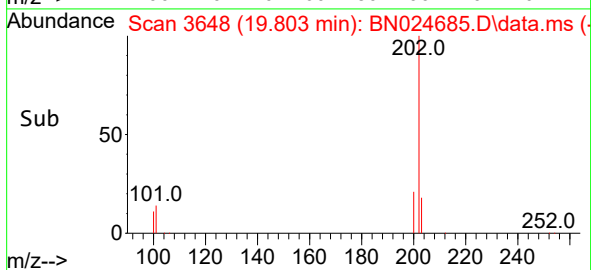
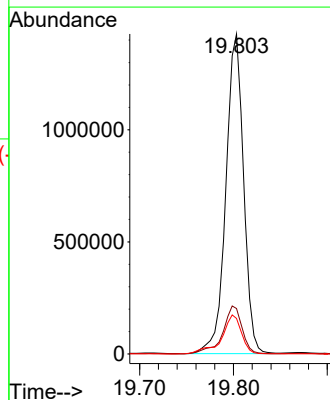
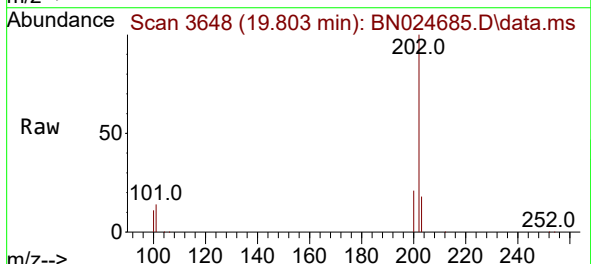
Instrument :
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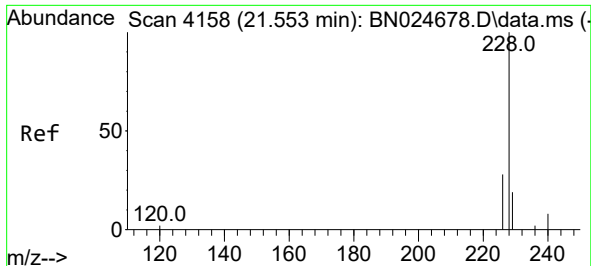
Tgt Ion:202 Resp: 2024753
Ion Ratio Lower Upper
202 100
101 13.3 9.6 14.4
100 9.9 7.0 10.6



#20
Pyrene
Concen: 19.815 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:202 Resp: 1868834
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.1 8.7 13.1

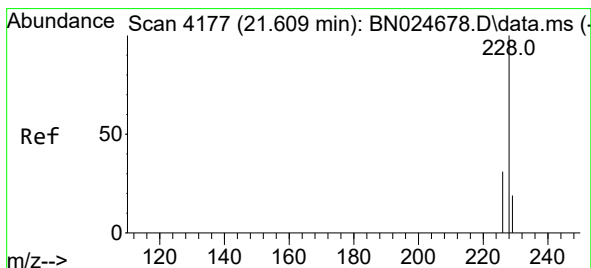
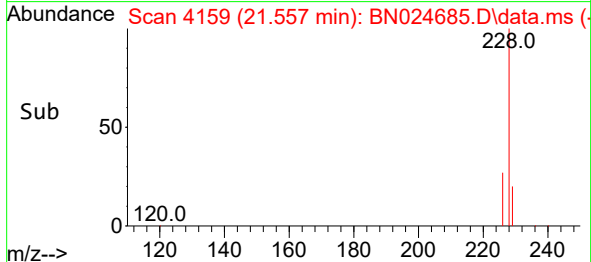
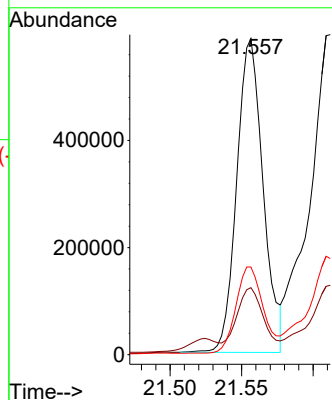
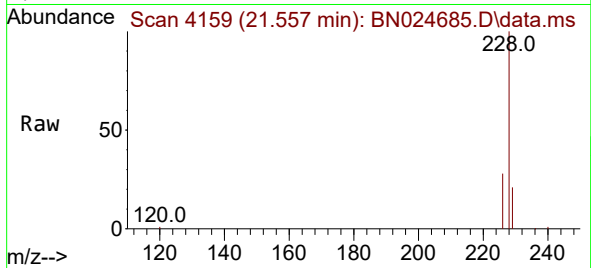




#21
Benzo(a)anthracene
Concen: 9.526 ng/ul
RT: 21.557 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

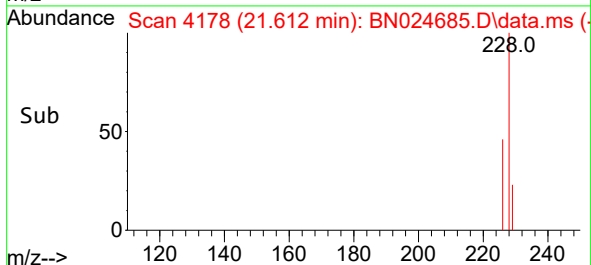
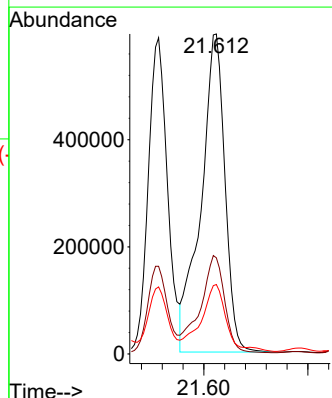
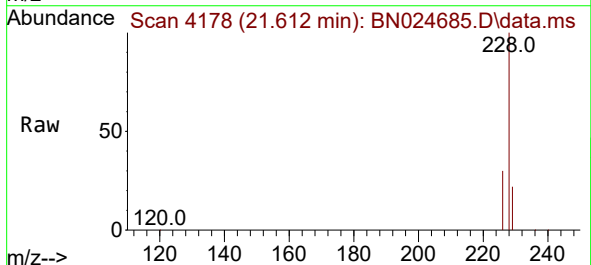
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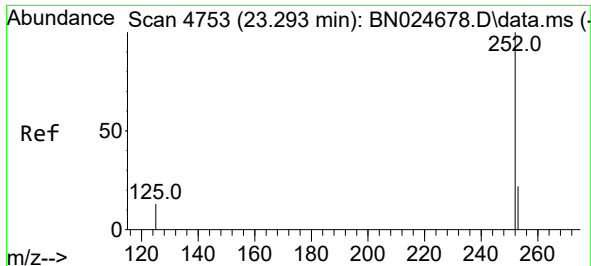
Tgt Ion:228 Resp: 752458
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 27.8 22.5 33.7



#22
Chrysene
Concen: 10.956 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:228 Resp: 951791
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 21.7 15.6 23.4

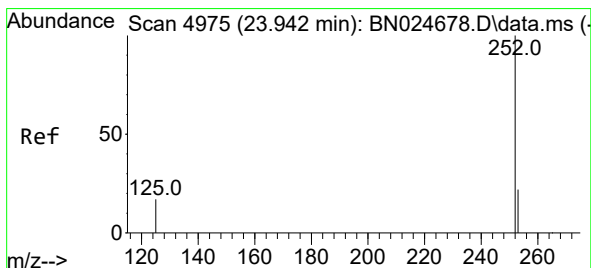
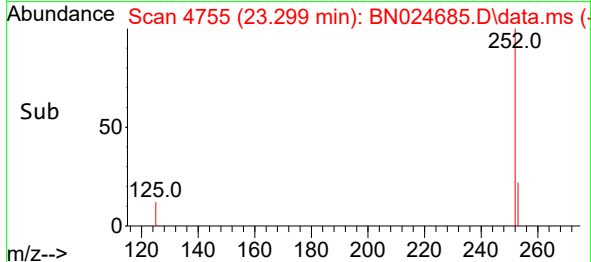
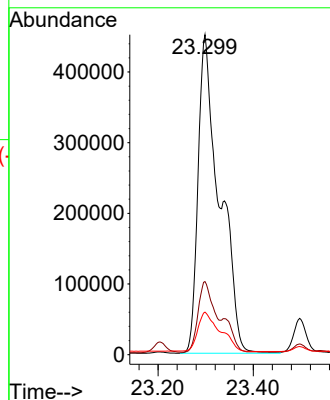
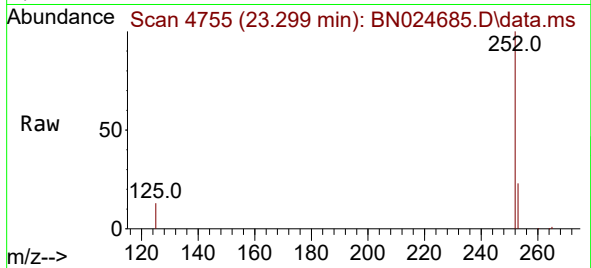




#24
Benzo(b)fluoranthene
Concen: 15.323 ng/ul
RT: 23.299 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

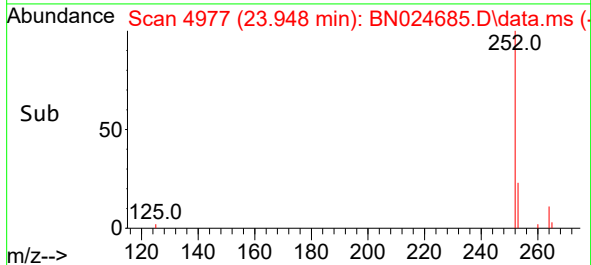
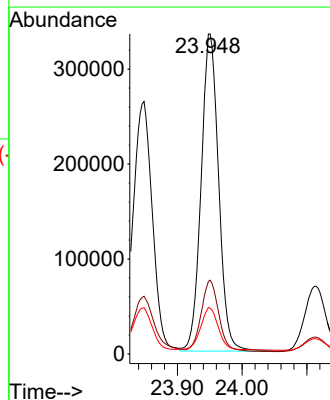
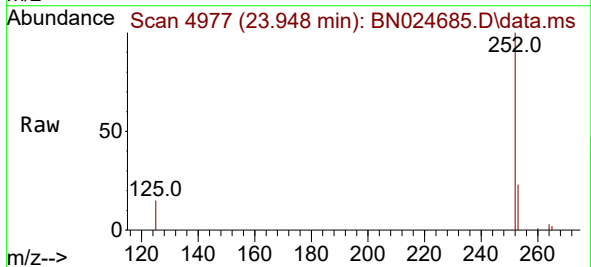
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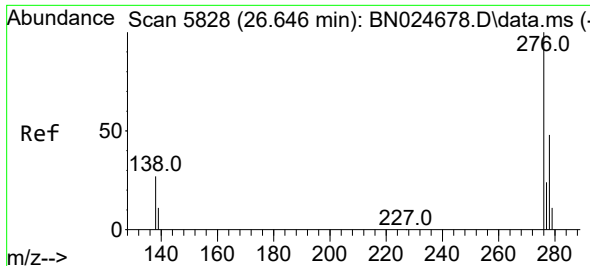
Tgt Ion:252 Resp: 1409783
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.6
125 13.3 0.0 32.4



#26
Benzo(a)pyrene
Concen: 8.665 ng/ul
RT: 23.948 min Scan# 4977
Delta R.T. 0.006 min
Lab File: BN024685.D
Acq: 31 Mar 2023 18:42

Tgt Ion:252 Resp: 626937
Ion Ratio Lower Upper
252 100
253 22.7 21.8 32.8
125 14.5 15.4 23.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.892 ng/ul

RT: 26.650 min Scan# 5829

Delta R.T. 0.004 min

Lab File: BN024685.D

Acq: 31 Mar 2023 18:42

Instrument :

BNA_N

ClientSampleId :

CB963

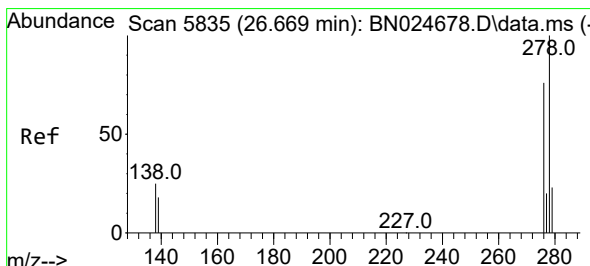
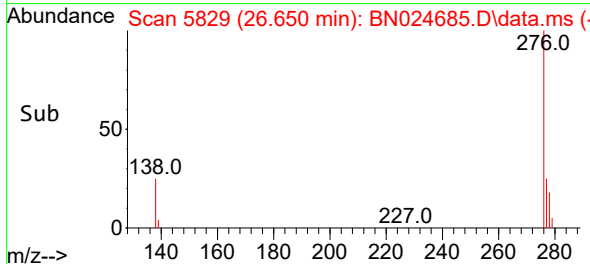
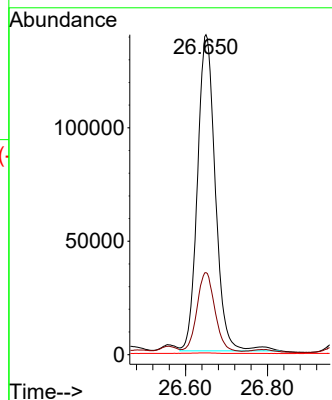
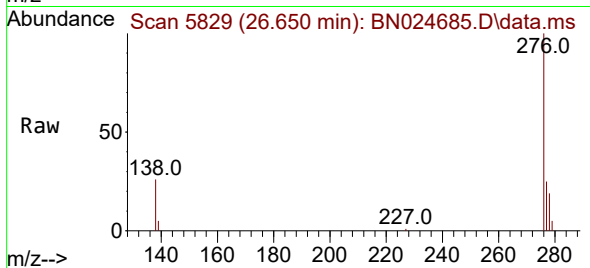
Tgt Ion:276 Resp: 421617

Ion Ratio Lower Upper

276 100

138 24.9 24.6 36.8

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.382 ng/ul

RT: 26.660 min Scan# 5832

Delta R.T. -0.009 min

Lab File: BN024685.D

Acq: 31 Mar 2023 18:42

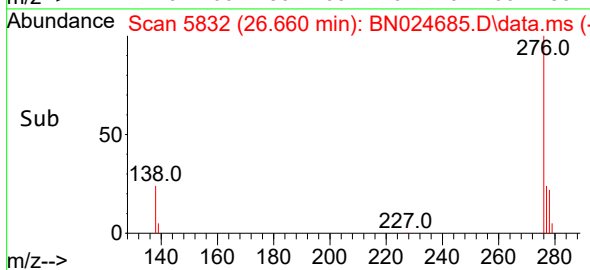
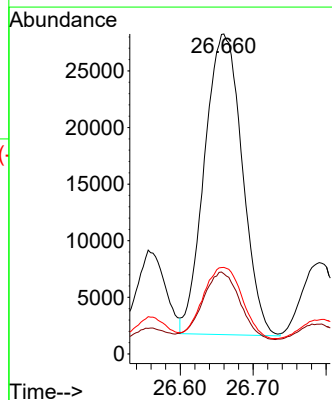
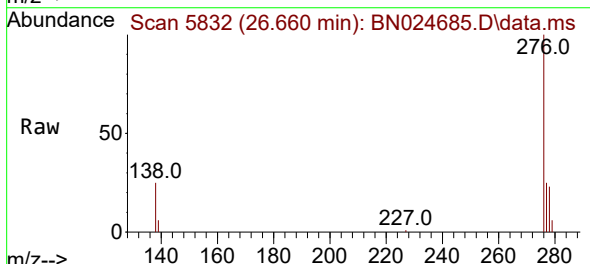
Tgt Ion:278 Resp: 95326

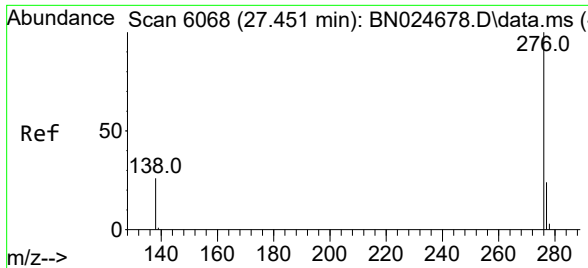
Ion Ratio Lower Upper

278 100

139 25.1 16.5 24.7#

279 27.0 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 5.770 ng/ul
 RT: 27.451 min Scan# 6068
 Delta R.T. 0.001 min
 Lab File: BN024685.D
 Acq: 31 Mar 2023 18:42

Instrument :
 BNA_N
 ClientSampleId :
 CB963

Tgt Ion:	276	Resp:	427838
Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.4	32.2
277	23.8	19.8	29.6

