

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026677.D
 Acq On : 23 Jul 2023 15:18
 Operator : MA/JU
 Sample : 03504-22MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5MSD

Quant Time: Jul 24 00:41:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

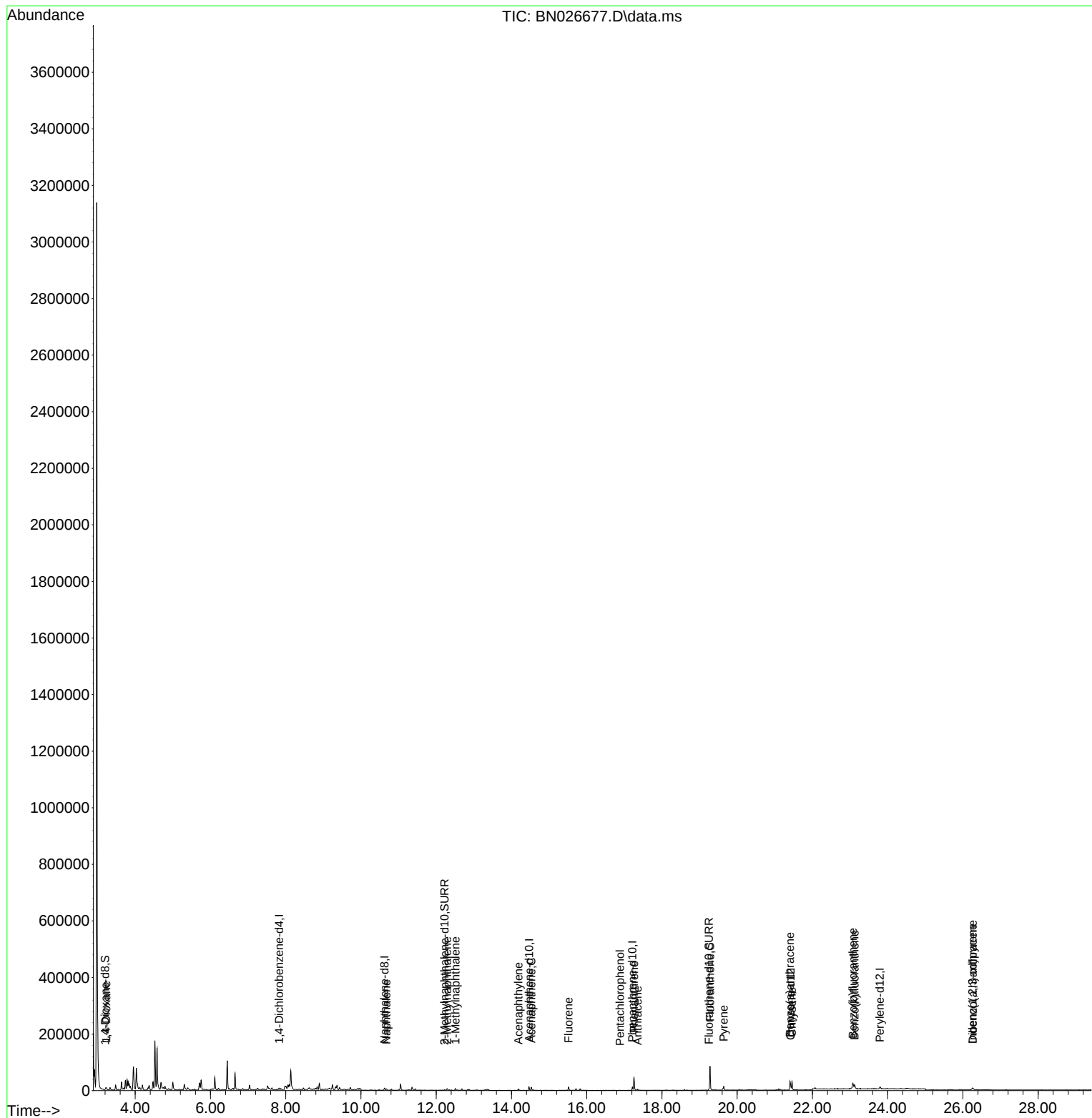
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	3734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	12033	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	7375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	15985	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	11641	0.400	ng/ul #	0.00
23) Perylene-d12	23.793	264	9741	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	884	0.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	2684	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	4767	0.118	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.233	88	3409	0.733	ng/ul#	1
5) Naphthalene	10.674	128	7170	0.217	ng/ul	97
7) 2-Methylnaphthalene	12.291	142	4161	0.222	ng/ul	98
8) 1-Methylnaphthalene	12.511	142	4456	0.222	ng/ul	95
10) Acenaphthylene	14.189	152	6151	0.170	ng/ul	97
11) Acenaphthene	14.527	153	6754	0.245	ng/ul	99
12) Fluorene	15.517	166	8111	0.281	ng/ul	99
14) Pentachlorophenol	16.881	266	151	0.037	ng/ul	95
15) Phenanthrene	17.257	178	51330	1.008	ng/ul	97
16) Anthracene	17.354	178	4852	0.110	ng/ul	96
19) Fluoranthene	19.278	202	79557	1.458	ng/ul#	94
20) Pyrene	19.641	202	14534	0.245	ng/ul	100
21) Benzo(a)anthracene	21.402	228	26140	0.611	ng/ul	99
22) Chrysene	21.454	228	28389	0.583	ng/ul	99
24) Benzo(b)fluoranthene	23.073	252	31775	0.837	ng/ul	91
25) Benzo(k)fluoranthene	23.120	252	19744	0.496	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.254	276	5918	0.134	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.261	278	10734	0.316	ng/ul	97

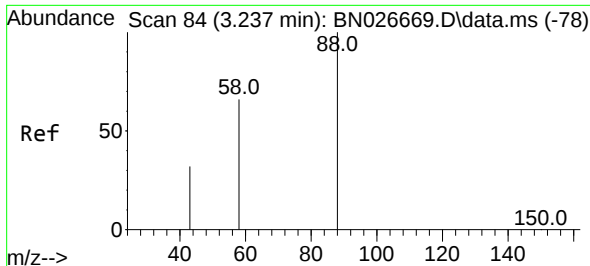
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 00:41:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

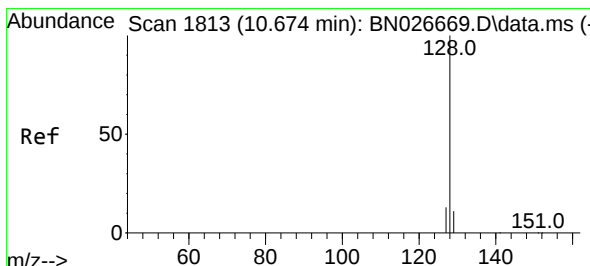
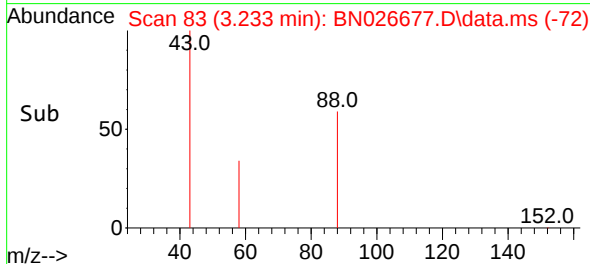
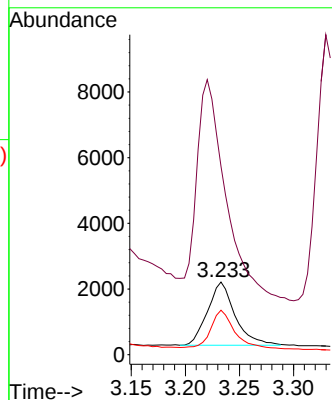
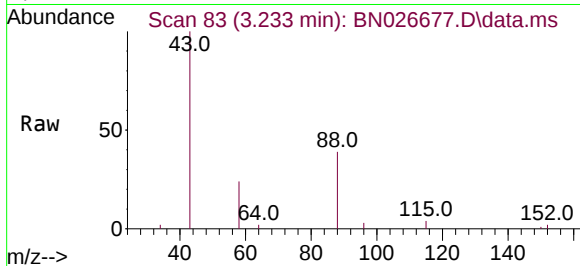




#2
 1,4-Dioxane
 Concen: 0.733 ng/ul
 RT: 3.233 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BN026677.D
 Acq: 23 Jul 2023 15:18

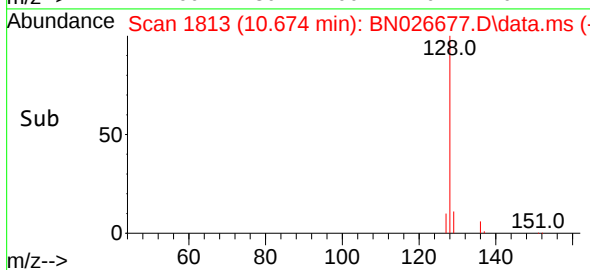
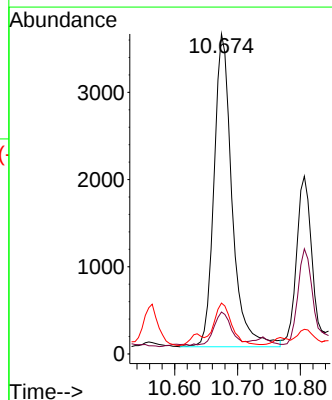
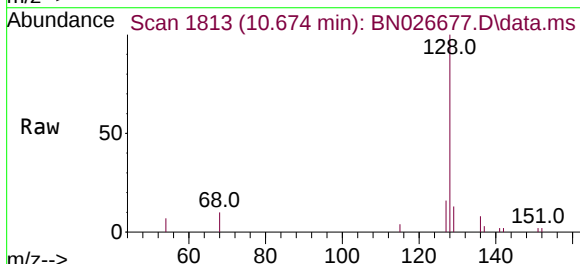
Instrument :
 BNA_N
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 A46T5MSD

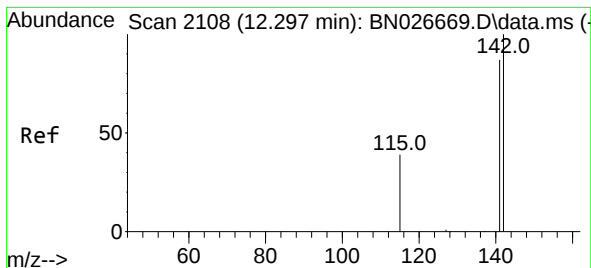
Tgt Ion: 88 Resp: 3409
 Ion Ratio Lower Upper
 88 100
 43 259.3 33.0 49.6#
 58 61.2 41.7 62.5



#5
 Naphthalene
 Concen: 0.217 ng/ul
 RT: 10.674 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: BN026677.D
 Acq: 23 Jul 2023 15:18

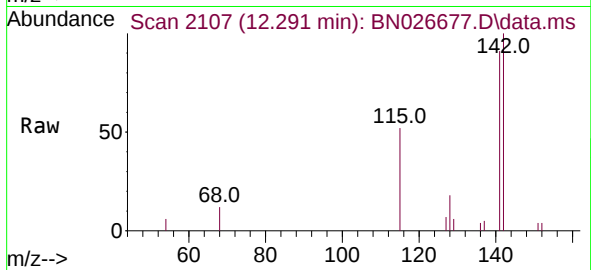
Tgt Ion: 128 Resp: 7170
 Ion Ratio Lower Upper
 128 100
 129 13.1 10.2 15.2
 127 15.9 11.4 17.0



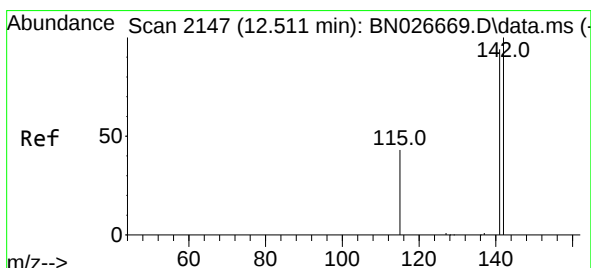
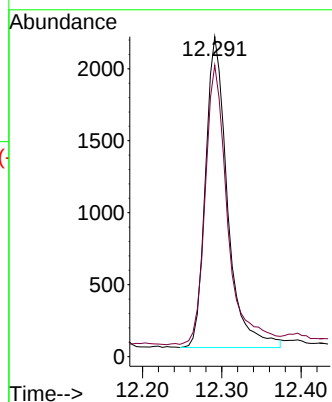
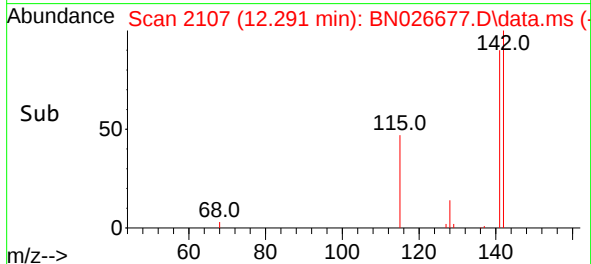


#7
2-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

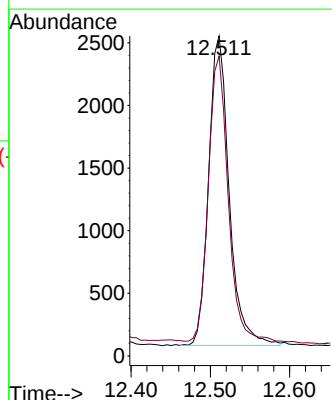
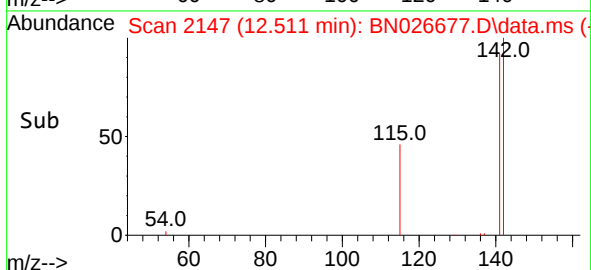
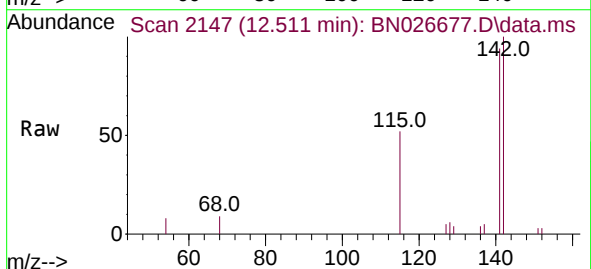


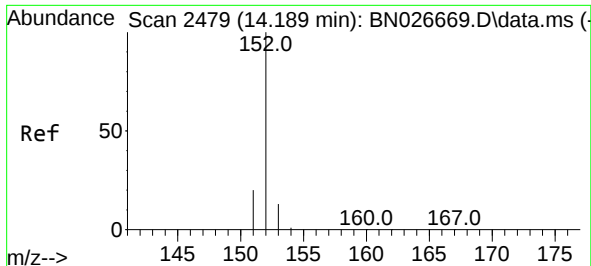
Tgt Ion:142 Resp: 4161
Ion Ratio Lower Upper
142 100
141 92.1 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Tgt Ion:142 Resp: 4456
Ion Ratio Lower Upper
142 100
141 88.2 74.5 111.7

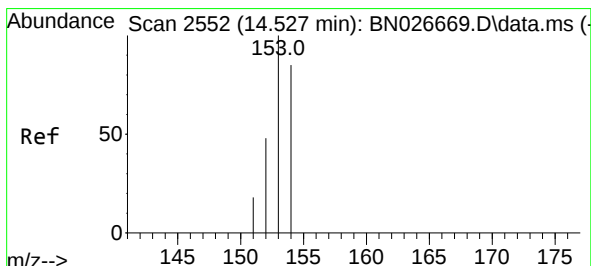
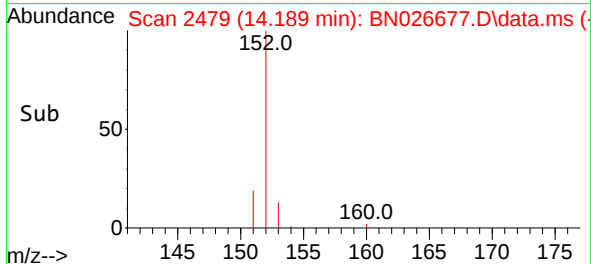
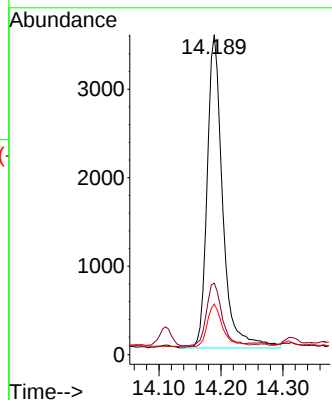
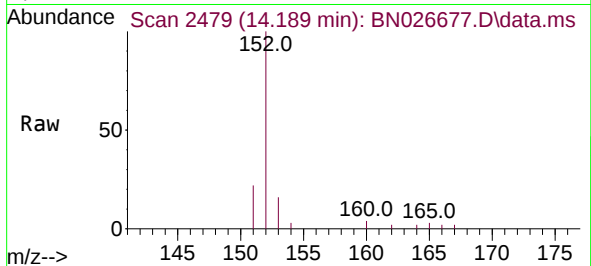




#10
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

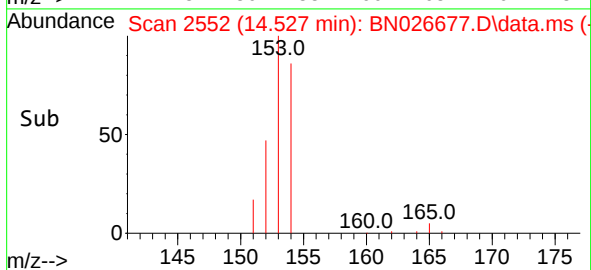
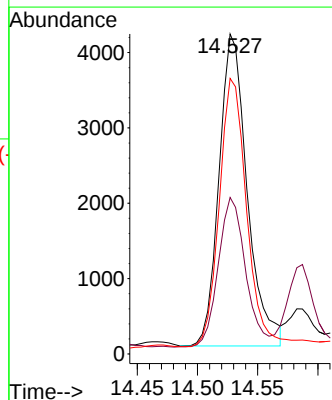
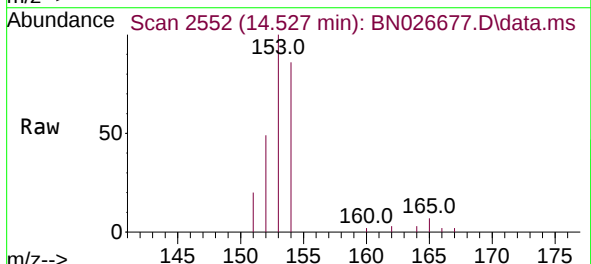
Instrument :
BNA_N
ClientSampleId :
A46T5MSD

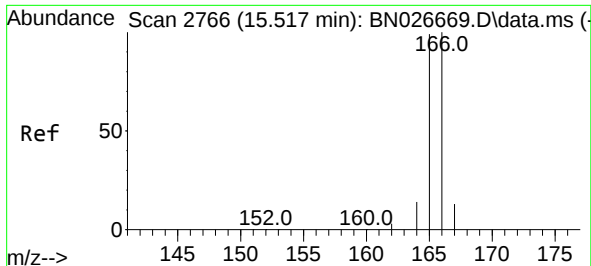
Tgt Ion:	152	Resp:	6151
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.0	25.6
153	15.8	11.4	17.2



#11
Acenaphthene
Concen: 0.245 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Tgt Ion:	153	Resp:	6754
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.2	60.4
154	86.1	69.3	103.9

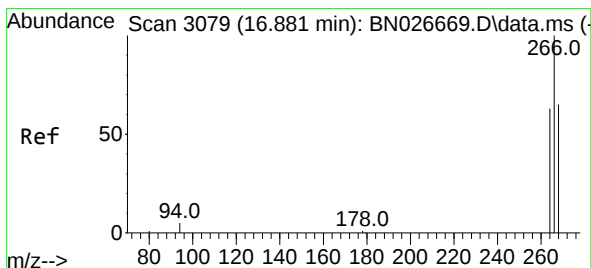
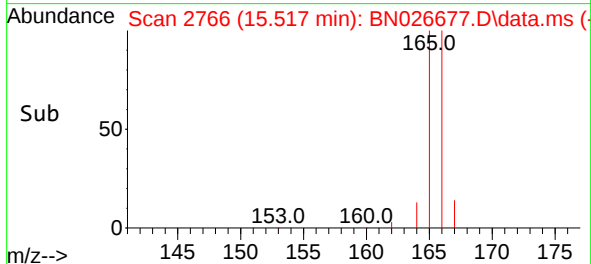
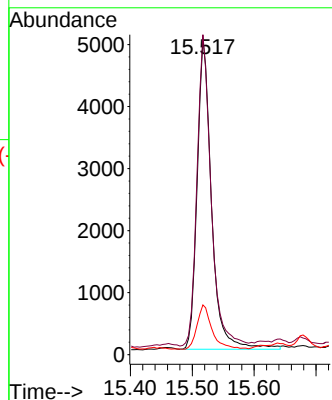
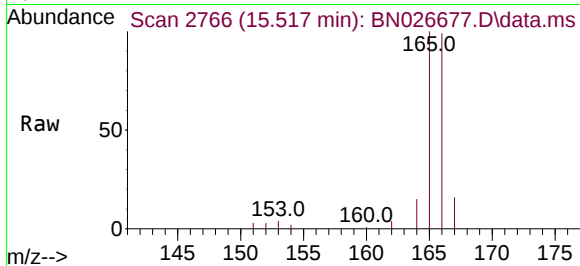




#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

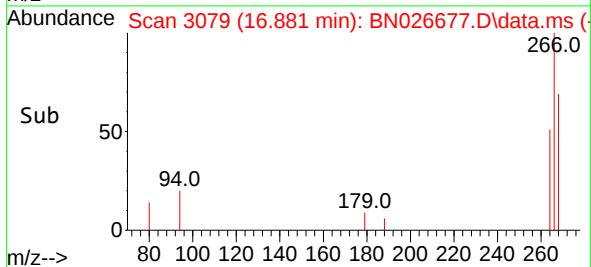
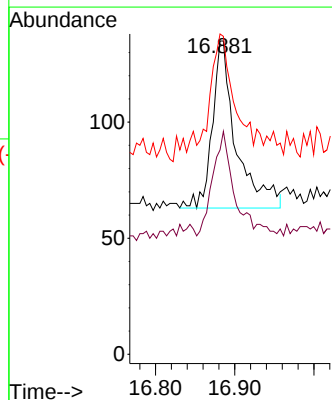
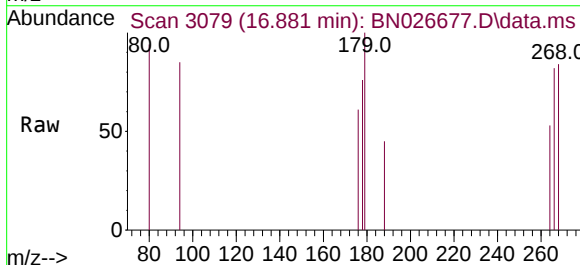
Instrument :
BNA_N
ClientSampleId :
A46T5MSD

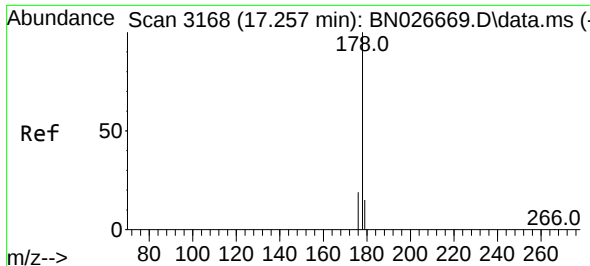
Tgt Ion:166	Resp:	8111
Ion	Ratio	Lower Upper
166	100	
165	101.3	80.6 120.8
167	15.7	12.0 18.0



#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.881 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Tgt Ion:266	Resp:	151
Ion	Ratio	Lower Upper
266	100	
264	57.6	52.0 78.0
268	65.6	53.0 79.6

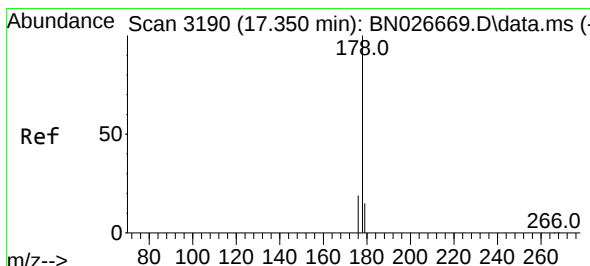
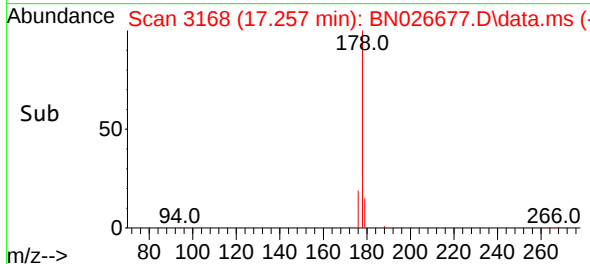
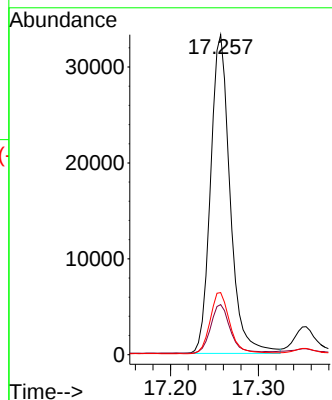
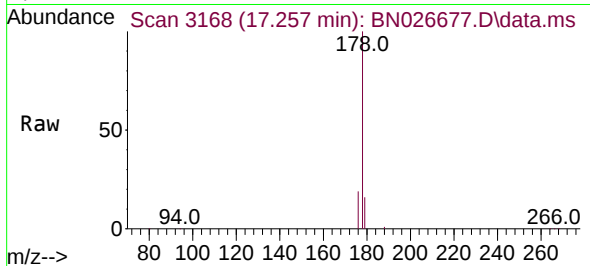




#15
Phenanthrene
Concen: 1.008 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

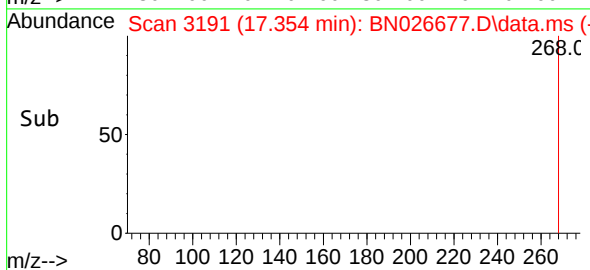
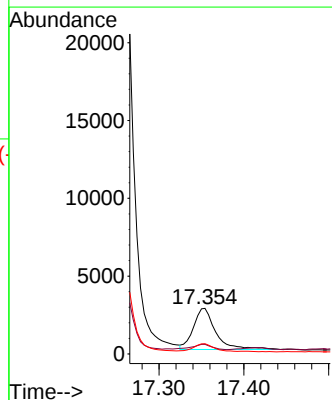
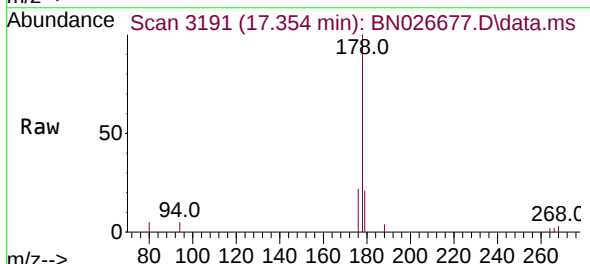
Instrument :
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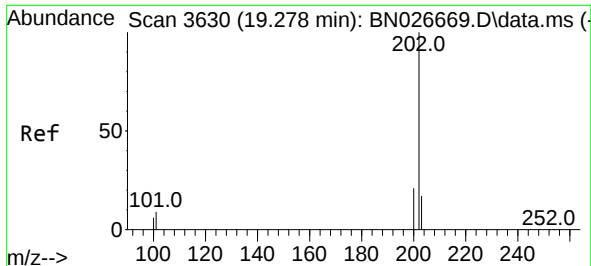
Tgt Ion:	178	Resp:	51330
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.7	20.5
176	19.4	16.5	24.7



#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.354 min Scan# 3191
Delta R.T. 0.004 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Tgt Ion:	178	Resp:	4852
Ion Ratio	Lower	Upper	
178	100		
179	21.0	14.8	22.2
176	22.4	16.6	25.0

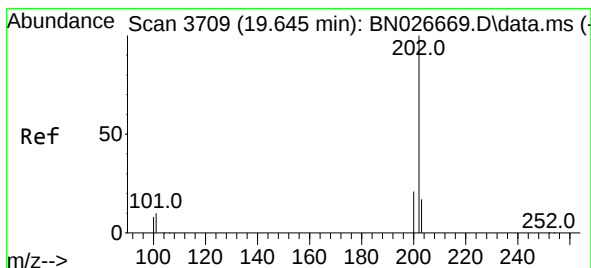
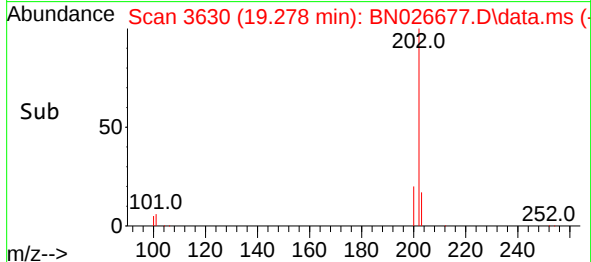
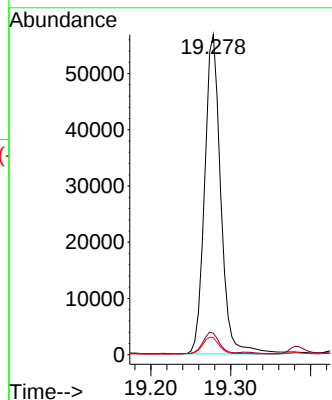
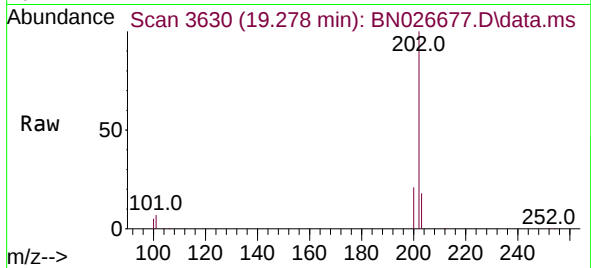




#19
Fluoranthene
Concen: 1.458 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

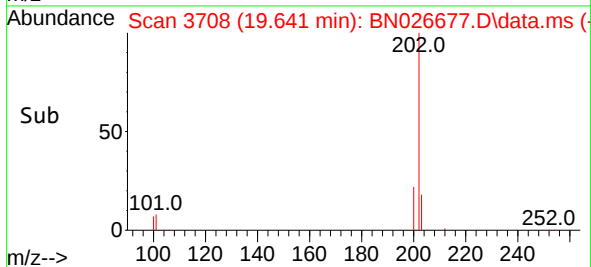
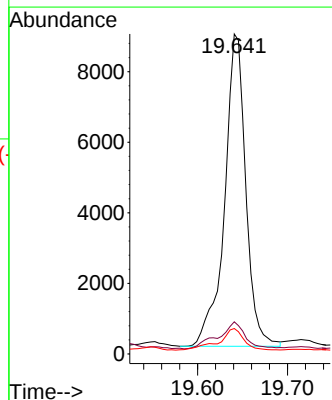
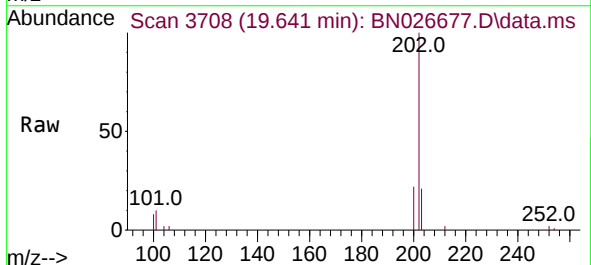
Instrument :
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A46T5MSD

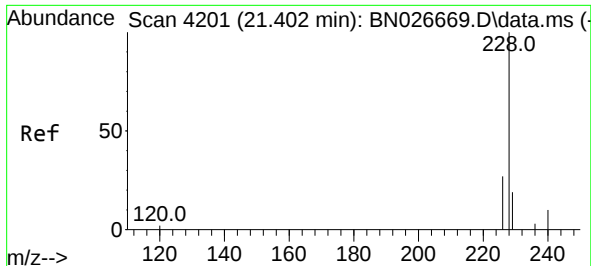
Tgt Ion:202 Resp: 79557
Ion Ratio Lower Upper
202 100
101 6.7 7.0 10.4#
100 5.3 6.0 9.0#



#20
Pyrene
Concen: 0.245 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

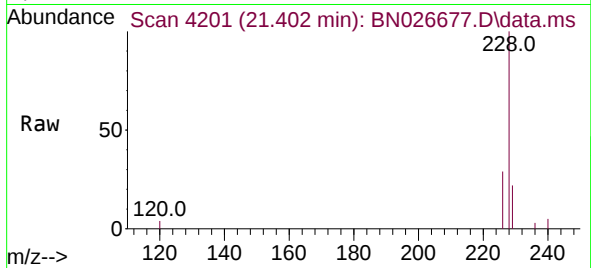
Tgt Ion:202 Resp: 14534
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 8.0 6.2 9.2



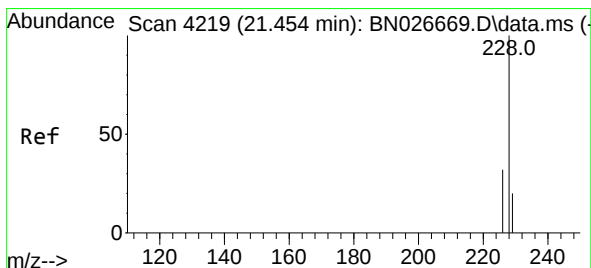
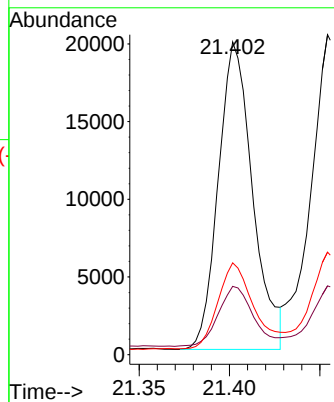
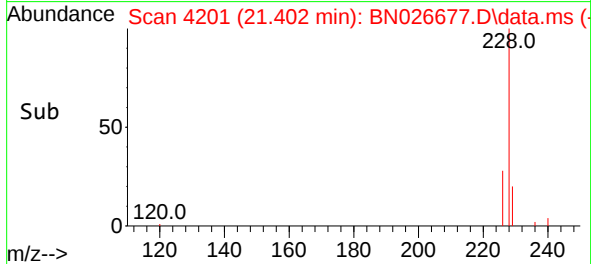


#21
Benzo(a)anthracene
Concen: 0.611 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Instrument :
BNA_N
ClientSampleId :
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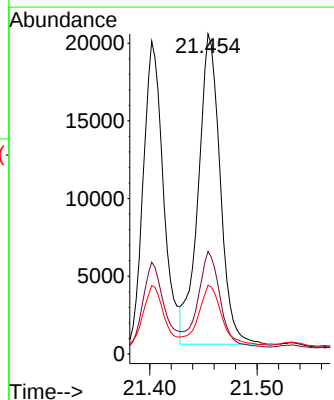
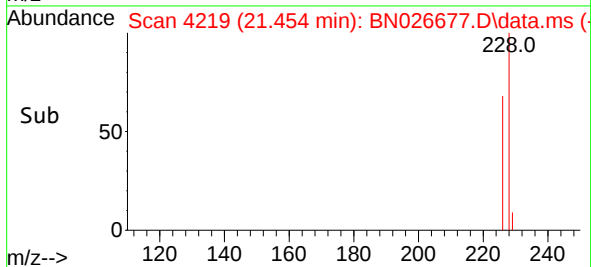
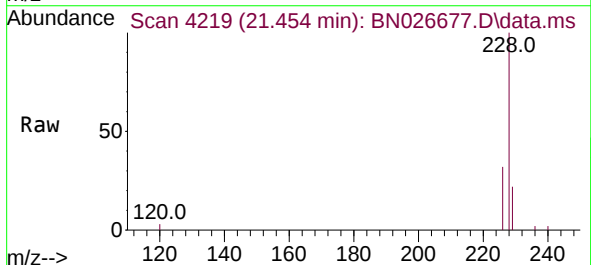


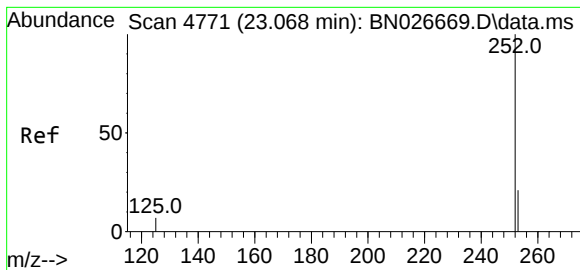
Tgt Ion:228 Resp: 26140
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 29.4 23.5 35.3



#22
Chrysene
Concen: 0.583 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026677.D
Acq: 23 Jul 2023 15:18

Tgt Ion:228 Resp: 28389
Ion Ratio Lower Upper
228 100
226 32.1 25.2 37.8
229 21.5 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.837 ng/ul

RT: 23.073 min Scan# 4773

Delta R.T. 0.006 min

Lab File: BN026677.D

Acq: 23 Jul 2023 15:18

Instrument :

BNA_N

ClientSampleId :

A46T5MSD

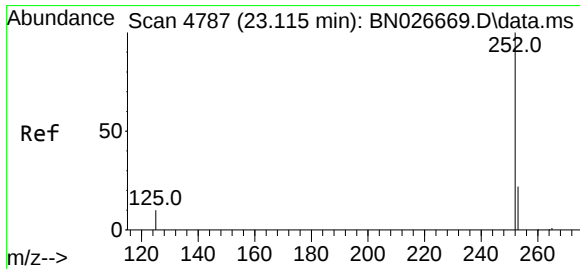
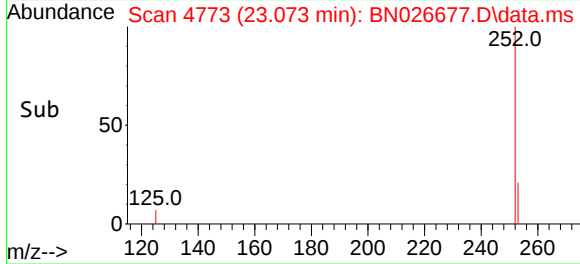
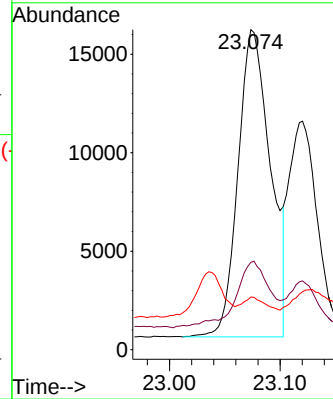
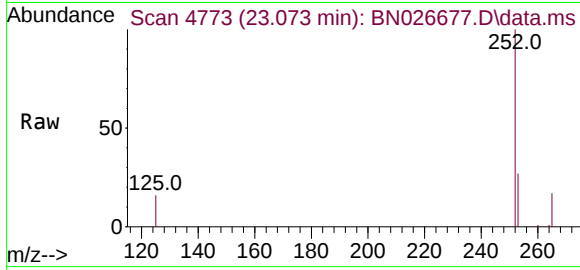
Tgt Ion:252 Resp: 31775

Ion Ratio Lower Upper

252 100

253 27.3 0.0 68.6

125 16.5 0.0 34.0



#25

Benzo(k)fluoranthene

Concen: 0.496 ng/ul

RT: 23.120 min Scan# 4789

Delta R.T. 0.006 min

Lab File: BN026677.D

Acq: 23 Jul 2023 15:18

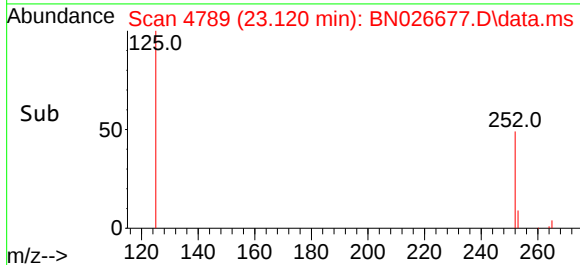
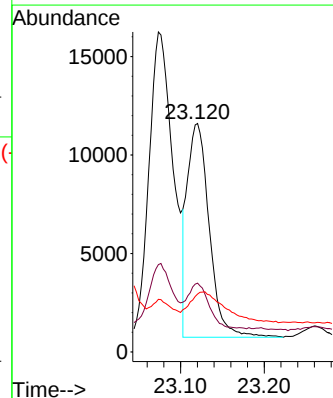
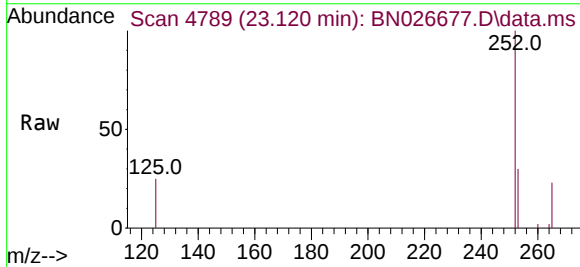
Tgt Ion:252 Resp: 19744

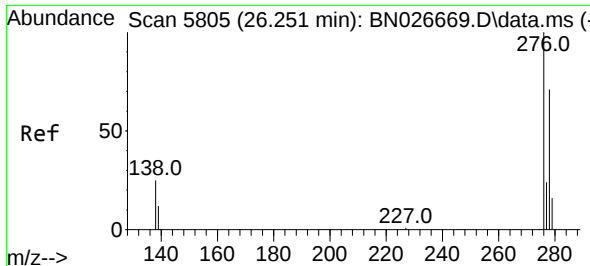
Ion Ratio Lower Upper

252 100

253 30.1 27.2 40.8

125 25.4 13.4 20.2#

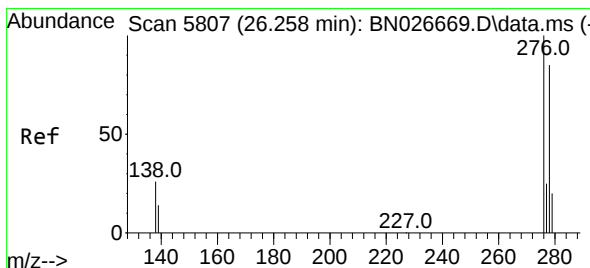
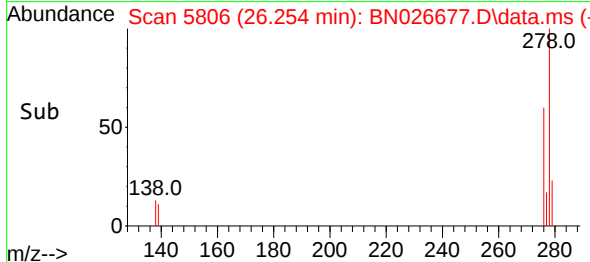
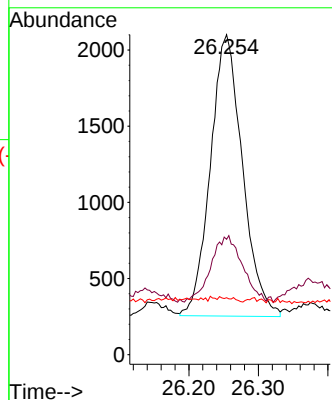
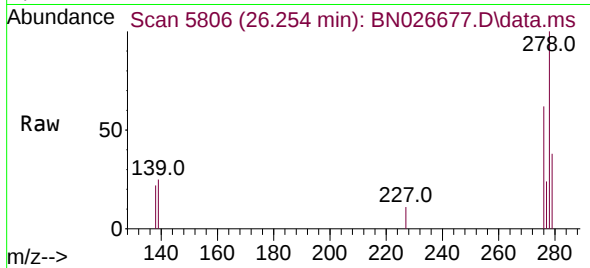




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.134 ng/ul
 RT: 26.254 min Scan# 5806
 Delta R.T. 0.003 min
 Lab File: BN026677.D
 Acq: 23 Jul 2023 15:18

Instrument :
 BNA_N
 ClientSampleId :
 A46T5MSD

Tgt Ion:276 Resp: 5918
 Ion Ratio Lower Upper
 276 100
 138 23.0 22.2 33.4
 227 0.7 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.316 ng/ul
 RT: 26.261 min Scan# 5808
 Delta R.T. 0.003 min
 Lab File: BN026677.D
 Acq: 23 Jul 2023 15:18

Tgt Ion:278 Resp: 10734
 Ion Ratio Lower Upper
 278 100
 139 26.1 18.9 28.3
 279 37.9 31.3 46.9

