

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026676.D
 Acq On : 23 Jul 2023 14:42
 Operator : MA/JU
 Sample : 03504-21MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5MS

Quant Time: Jul 24 00:41:27 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)

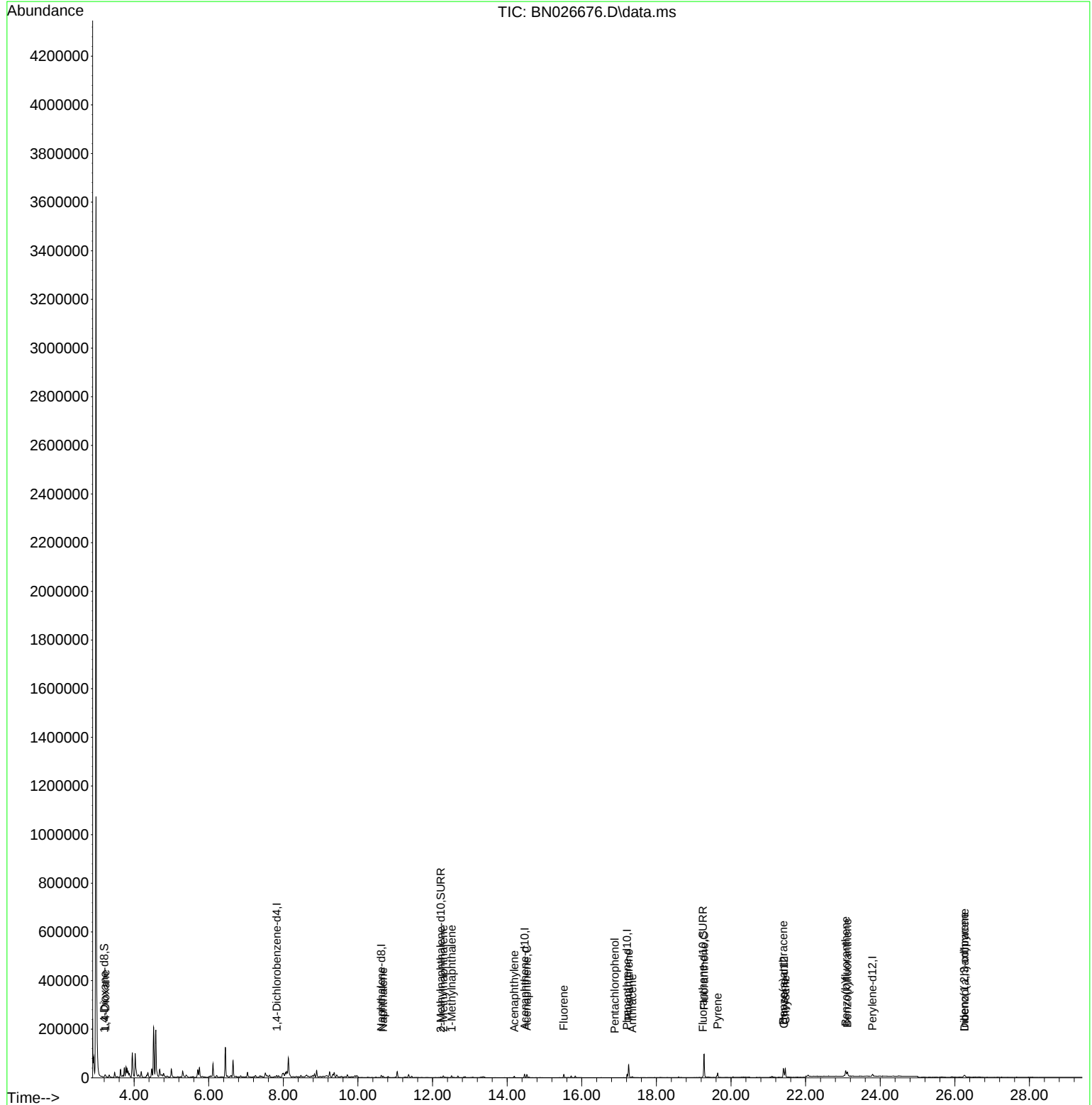
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	4255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	13654	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	8309	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	18274	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	13123	0.400	ng/ul #	0.00
23) Perylene-d12	23.793	264	11142	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1005	0.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	3157	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	5646	0.124	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.233	88	4025	0.759	ng/ul#	1
5) Naphthalene	10.674	128	8406	0.224	ng/ul	98
7) 2-Methylnaphthalene	12.291	142	4924	0.231	ng/ul	98
8) 1-Methylnaphthalene	12.511	142	5222	0.229	ng/ul	95
10) Acenaphthylene	14.189	152	7163	0.176	ng/ul	97
11) Acenaphthene	14.527	153	7874	0.254	ng/ul	100
12) Fluorene	15.517	166	9467	0.291	ng/ul	98
14) Pentachlorophenol	16.886	266	160	0.035	ng/ul	84
15) Phenanthrene	17.257	178	60345	1.037	ng/ul	97
16) Anthracene	17.350	178	6068	0.120	ng/ul	96
19) Fluoranthene	19.278	202	94210	1.532	ng/ul#	94
20) Pyrene	19.641	202	17229	0.258	ng/ul	99
21) Benzo(a)anthracene	21.402	228	30809	0.639	ng/ul	98
22) Chrysene	21.454	228	33244	0.606	ng/ul	99
24) Benzo(b)fluoranthene	23.074	252	37562	0.865	ng/ul	90
25) Benzo(k)fluoranthene	23.117	252	22147	0.487	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.254	276	6883	0.136	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.257	278	12400	0.319	ng/ul	96

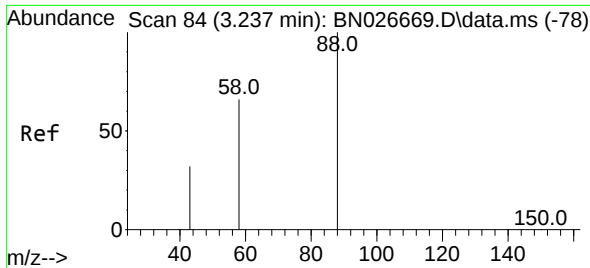
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 00:41:27 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

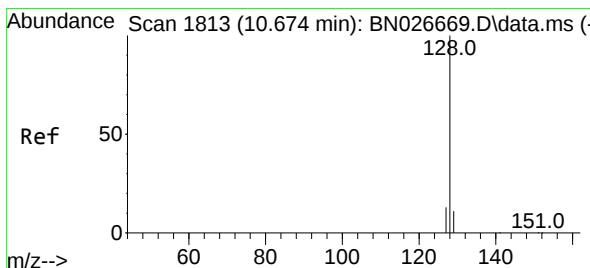
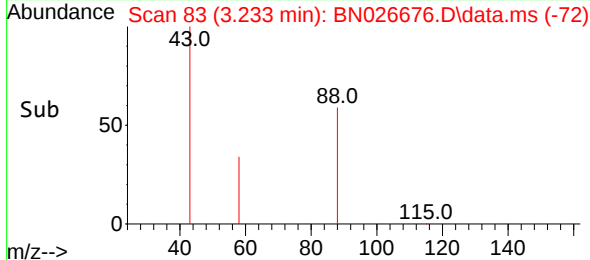
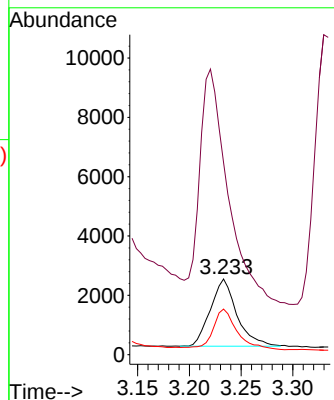
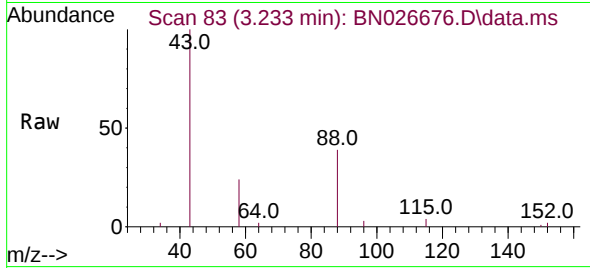




#2
1,4-Dioxane
Concen: 0.759 ng/ul
RT: 3.233 min Scan# 84
Delta R.T. -0.004 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

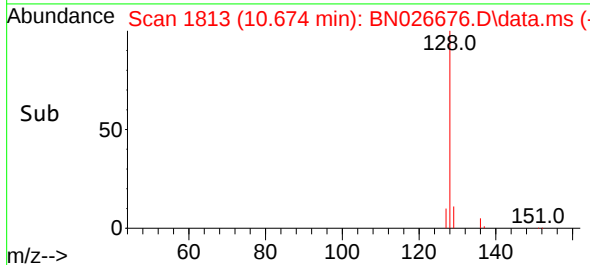
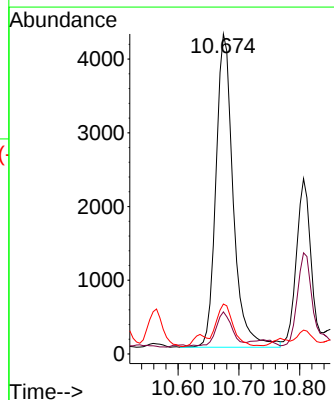
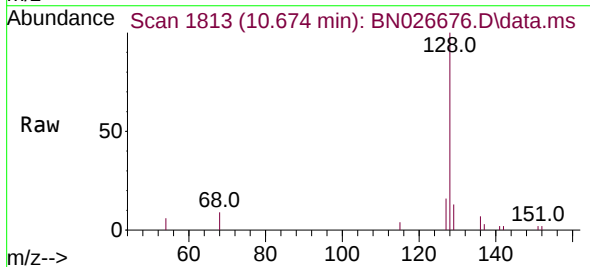
Instrument :
BNA_N
ClientSampleId :
A46T5MS

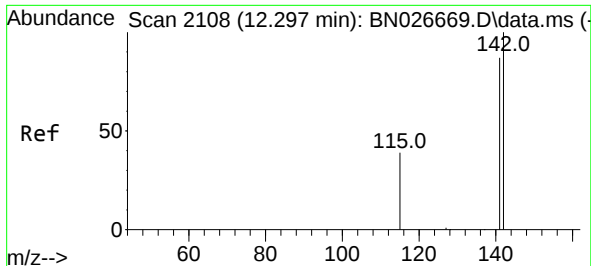
Tgt Ion: 88 Resp: 4025
Ion Ratio Lower Upper
88 100
43 254.0 33.0 49.6#
58 60.3 41.7 62.5



#5
Naphthalene
Concen: 0.224 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

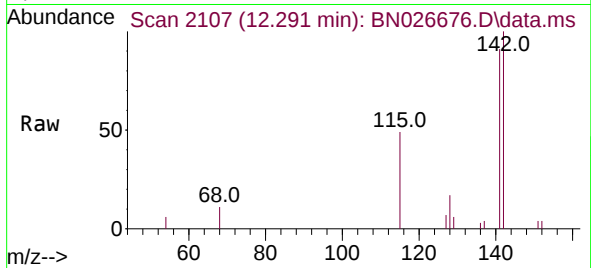
Tgt Ion: 128 Resp: 8406
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 15.6 11.4 17.0



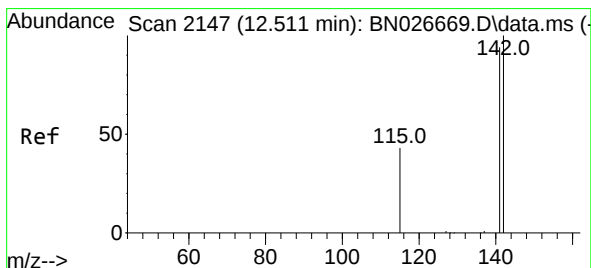
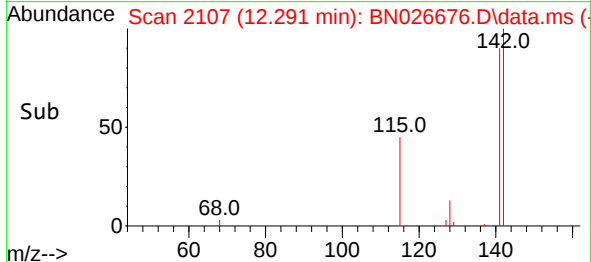
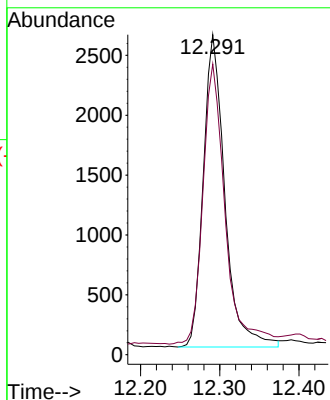


#7
2-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Instrument :
BNA_N
ClientSampleId :
A46T5MS

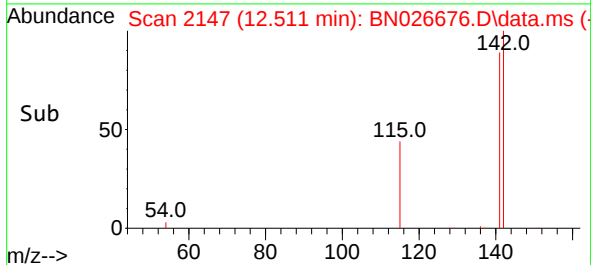
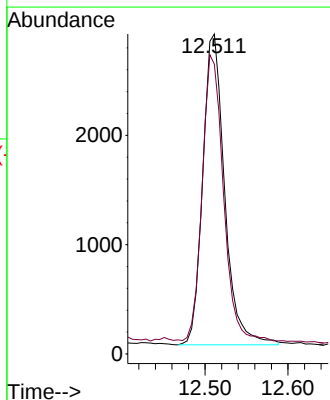
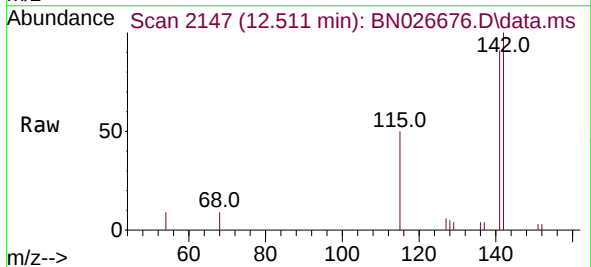


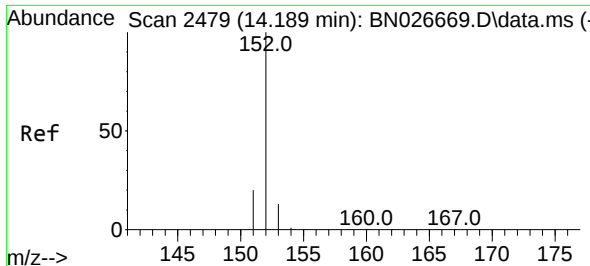
Tgt Ion:142 Resp: 4924
Ion Ratio Lower Upper
142 100
141 92.0 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:142 Resp: 5222
Ion Ratio Lower Upper
142 100
141 88.8 74.5 111.7

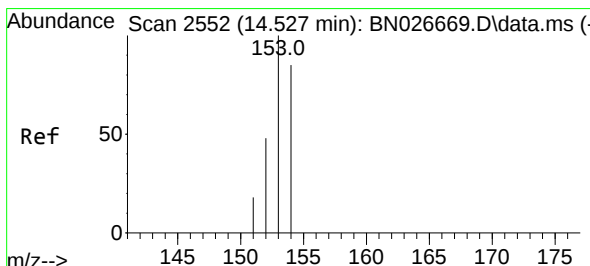
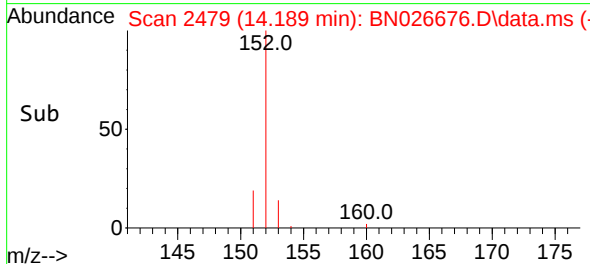
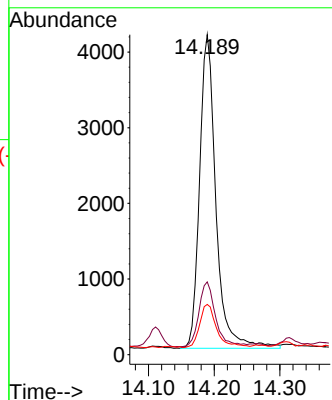
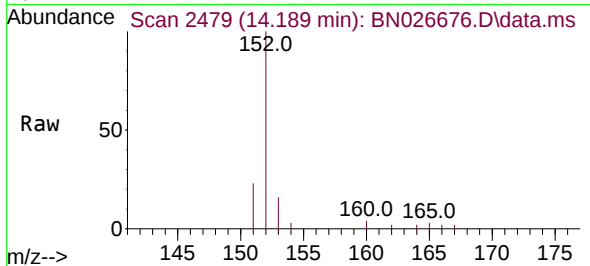




#10
Acenaphthylene
Concen: 0.176 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

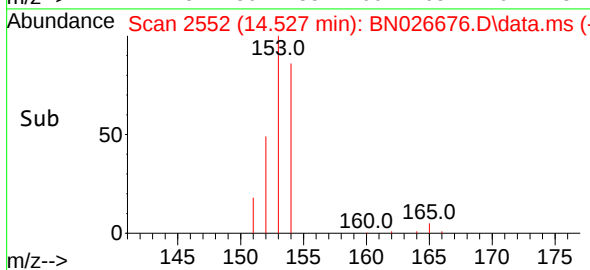
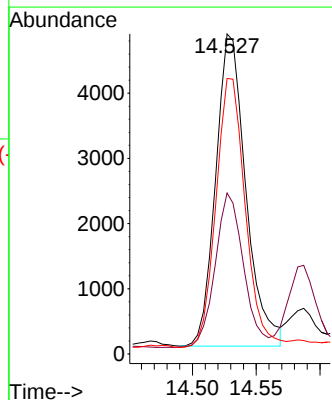
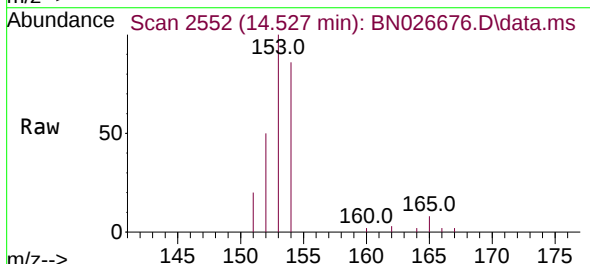
Instrument :
BNA_N
ClientSampleId :
A46T5MS

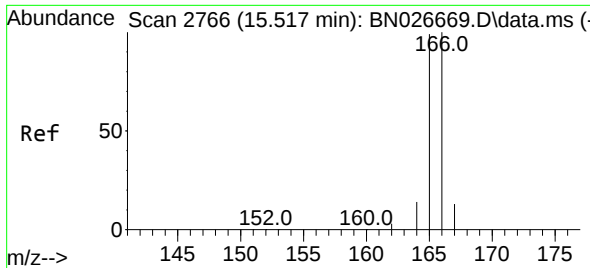
Tgt Ion:	152	Resp:	7163
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.0	25.6
153	15.7	11.4	17.2



#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:	153	Resp:	7874
Ion Ratio	Lower	Upper	
153	100		
152	50.3	40.2	60.4
154	86.1	69.3	103.9

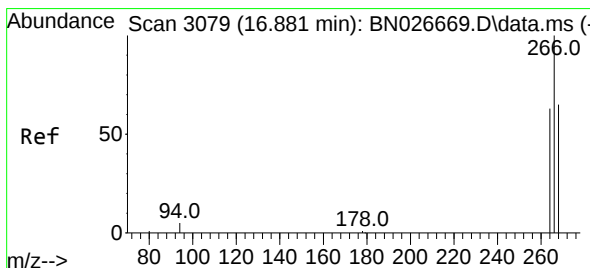
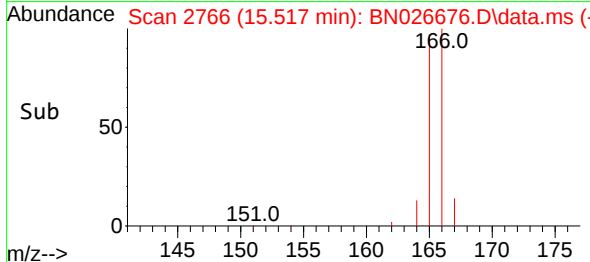
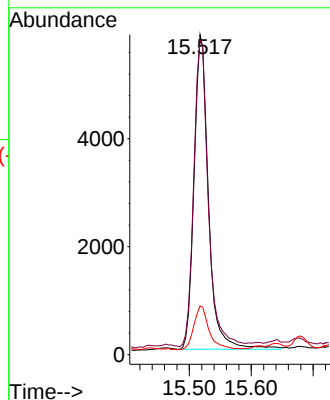
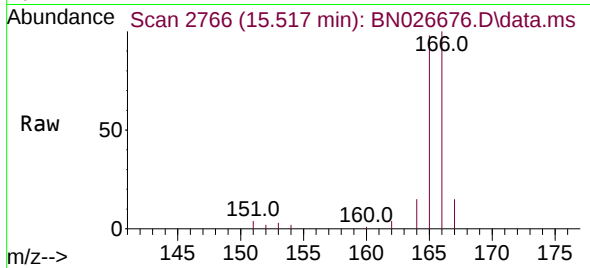




#12
Fluorene
Concen: 0.291 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

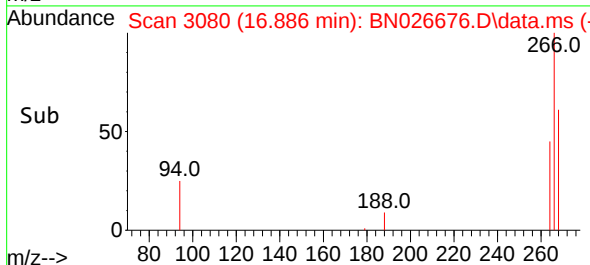
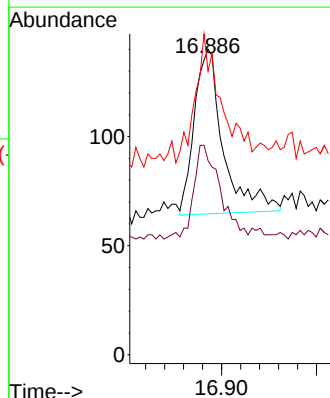
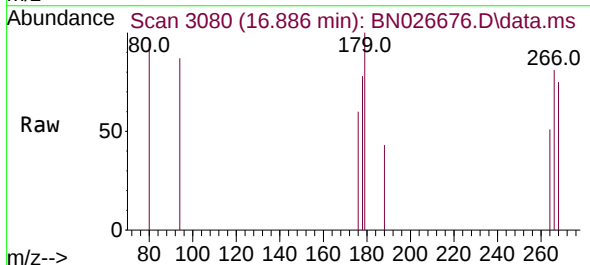
Instrument :
BNA_N
ClientSampleId :
A46T5MS

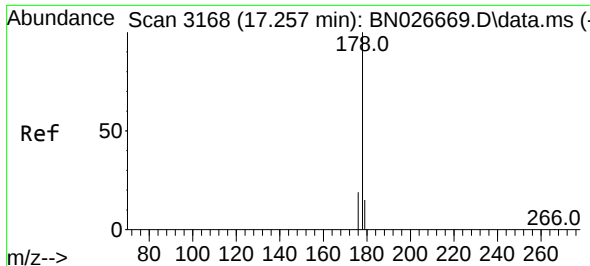
Tgt Ion:166 Resp: 9467
Ion Ratio Lower Upper
166 100
165 98.2 80.6 120.8
167 15.2 12.0 18.0



#14
Pentachlorophenol
Concen: 0.035 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. 0.004 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 52.5 52.0 78.0
268 79.4 53.0 79.6

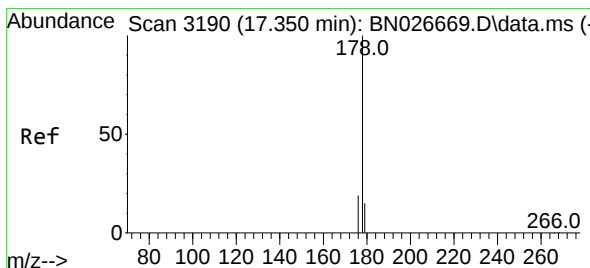
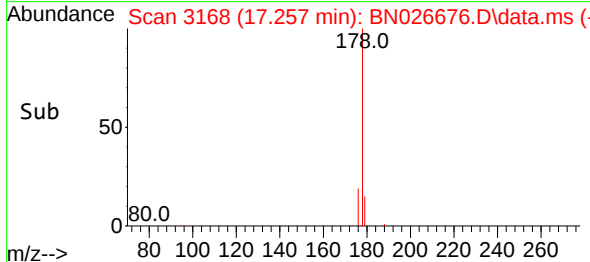
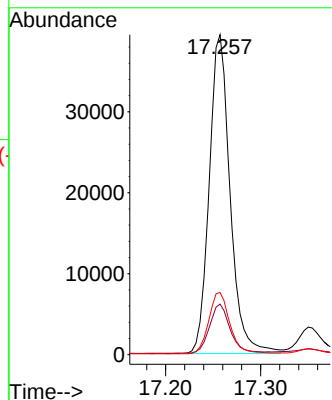
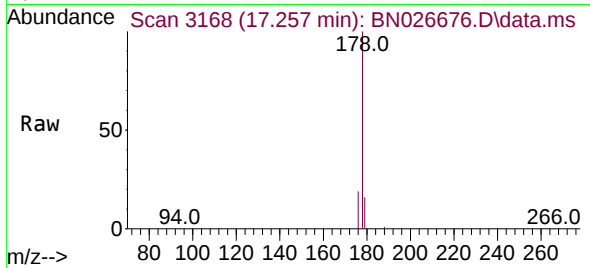




#15
Phenanthrene
Concen: 1.037 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

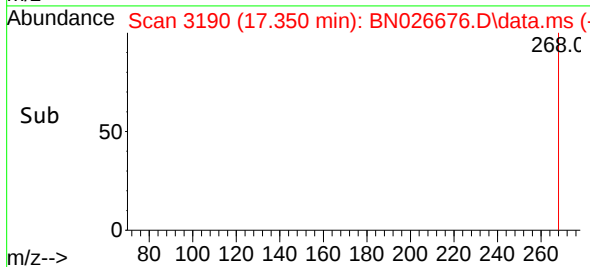
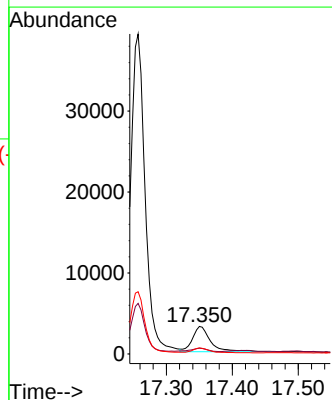
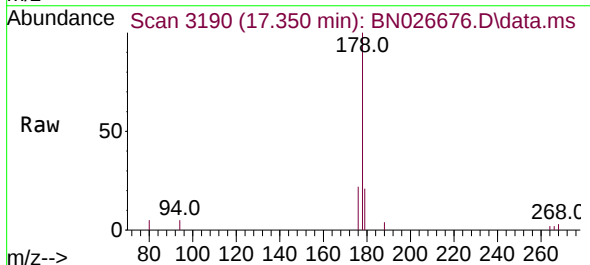
Instrument :
BNA_N
ClientSampleId :
A46T5MS

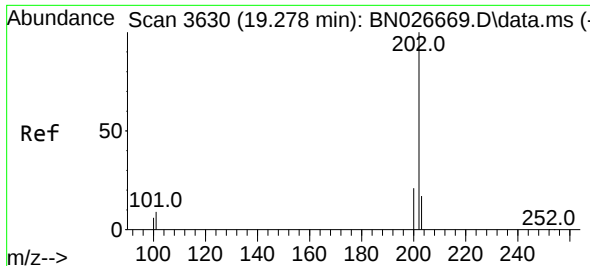
Tgt Ion:178 Resp: 60345
Ion Ratio Lower Upper
178 100
179 15.8 13.7 20.5
176 19.5 16.5 24.7



#16
Anthracene
Concen: 0.120 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:178 Resp: 6068
Ion Ratio Lower Upper
178 100
179 20.8 14.8 22.2
176 21.9 16.6 25.0

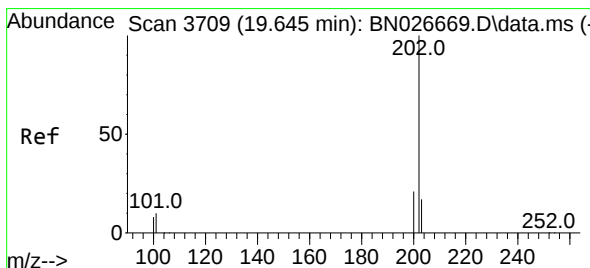
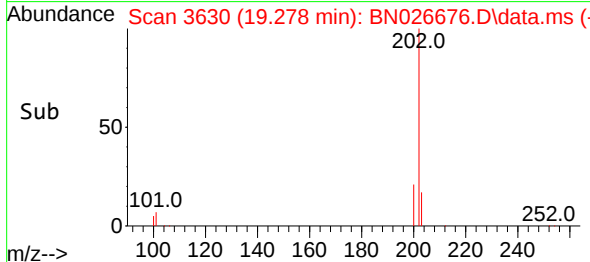
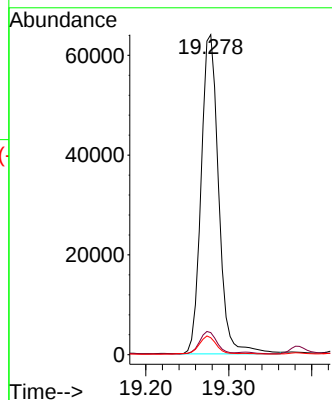
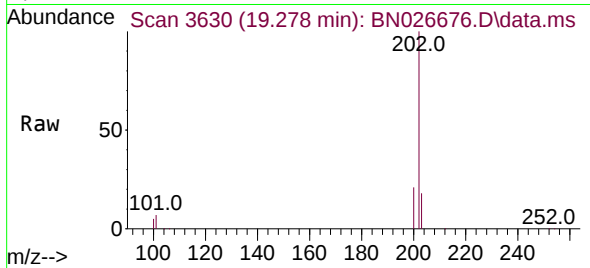




#19
Fluoranthene
Concen: 1.532 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

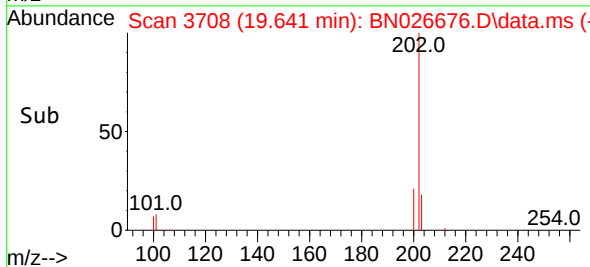
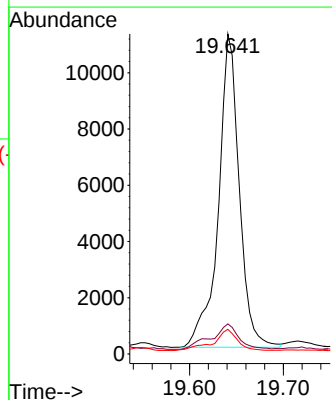
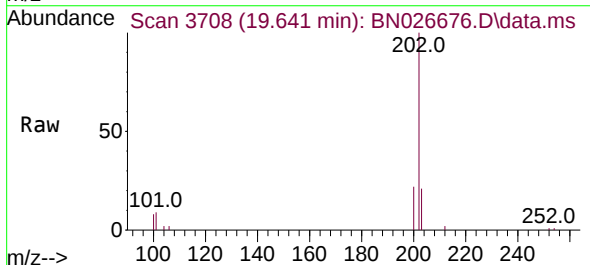
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ClientSampleId :
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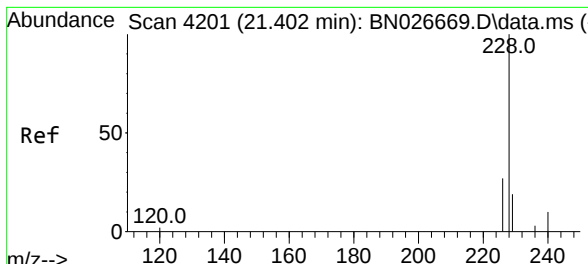
Tgt Ion:202 Resp: 94210
Ion Ratio Lower Upper
202 100
101 6.9 7.0 10.4#
100 5.3 6.0 9.0#



#20
Pyrene
Concen: 0.258 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:202 Resp: 17229
Ion Ratio Lower Upper
202 100
101 9.4 8.0 12.0
100 7.7 6.2 9.2

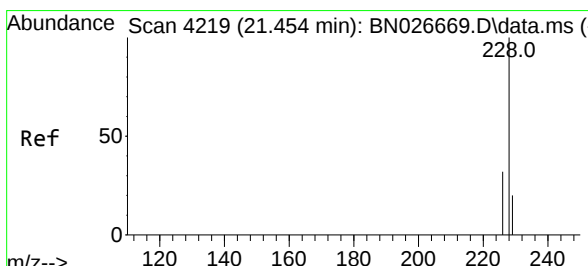
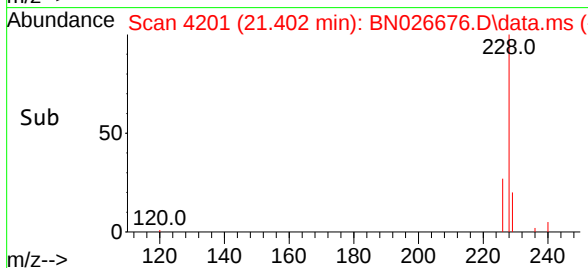
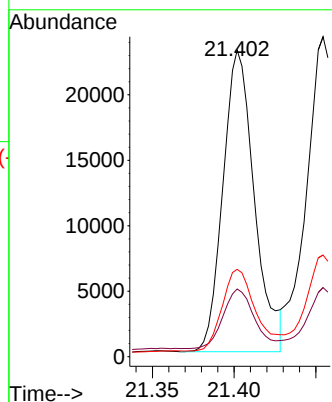
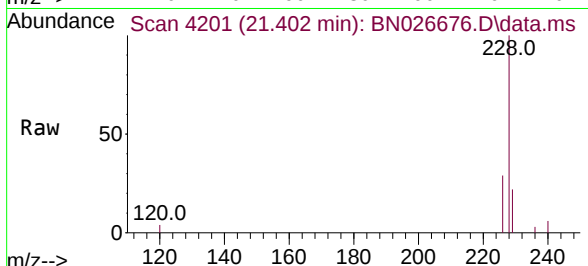




#21
Benzo(a)anthracene
Concen: 0.639 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

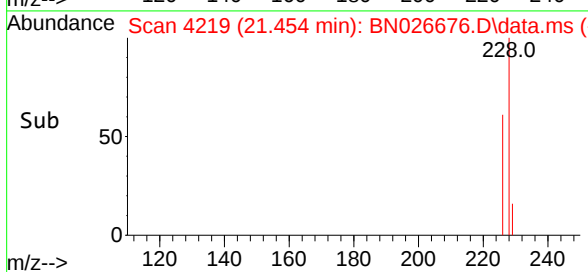
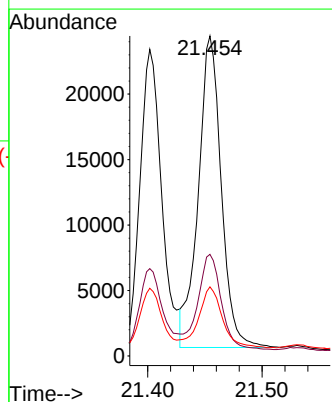
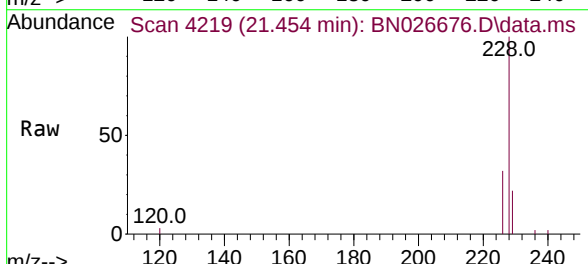
Instrument :
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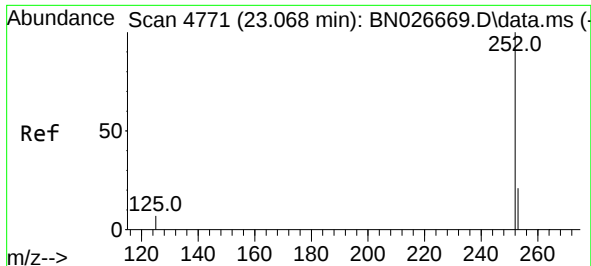
Tgt Ion:	228	Resp:	30809
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.7	25.1
226	28.5	23.5	35.3



#22
Chrysene
Concen: 0.606 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:	228	Resp:	33244
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.2	37.8
229	21.6	16.4	24.6

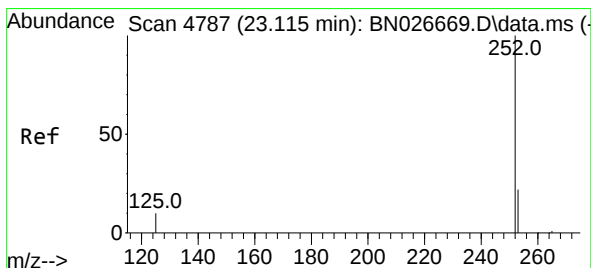
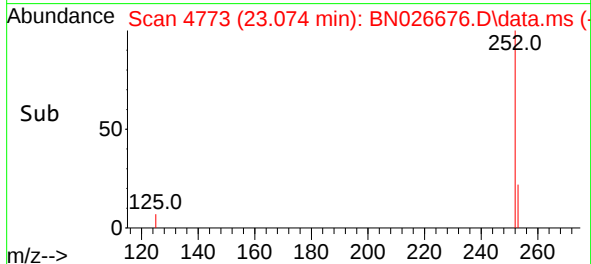
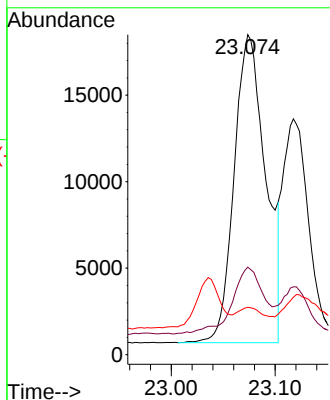
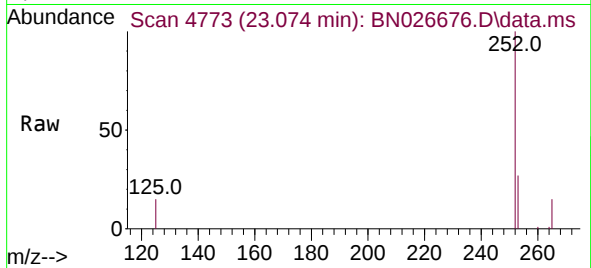




#24
Benzo(b)fluoranthene
Concen: 0.865 ng/ul
RT: 23.074 min Scan# 4773
Delta R.T. 0.006 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

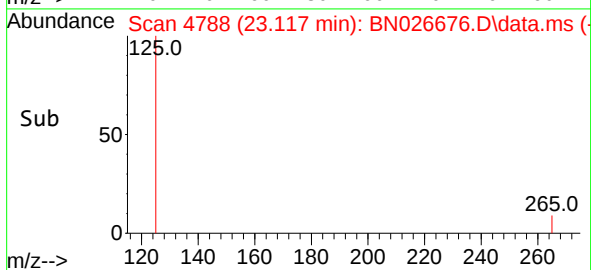
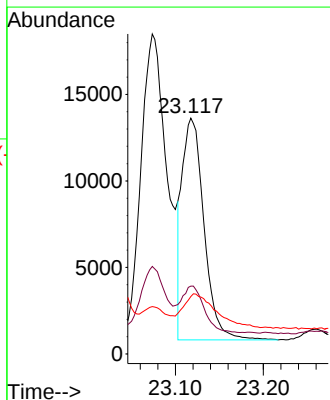
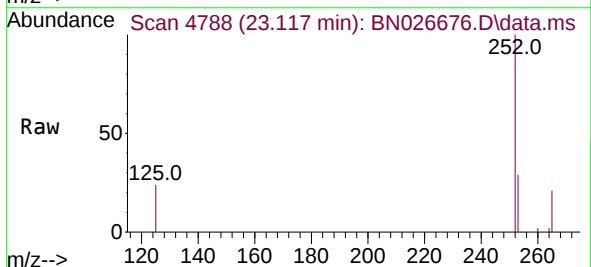
Instrument :
BNA_N
ClientSampleId :
A46T5MS

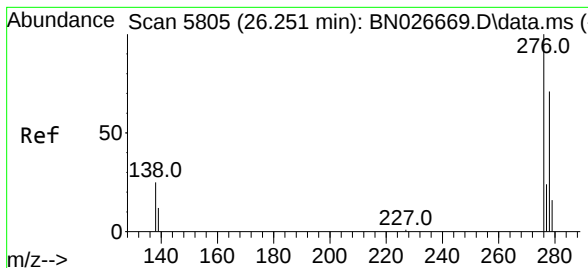
Tgt Ion:252 Resp: 37562
Ion Ratio Lower Upper
252 100
253 27.4 0.0 68.6
125 14.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.487 ng/ul
RT: 23.117 min Scan# 4788
Delta R.T. 0.003 min
Lab File: BN026676.D
Acq: 23 Jul 2023 14:42

Tgt Ion:252 Resp: 22147
Ion Ratio Lower Upper
252 100
253 28.8 27.2 40.8
125 24.4 13.4 20.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/ul

RT: 26.254 min Scan# 5806

Delta R.T. 0.003 min

Lab File: BN026676.D

Acq: 23 Jul 2023 14:42

Instrument :

BNA_N

ClientSampleId :

A46T5MS

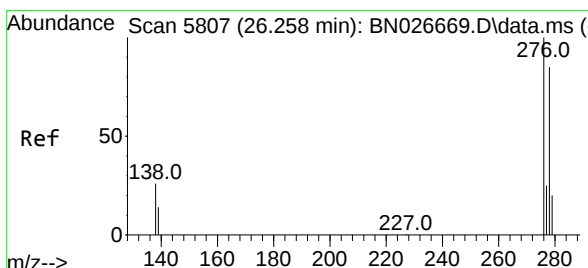
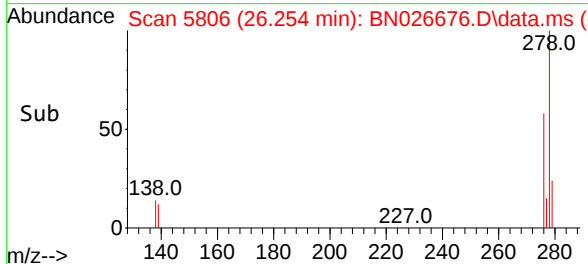
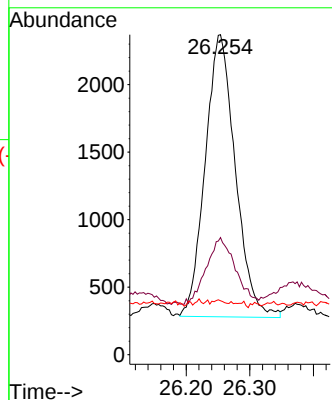
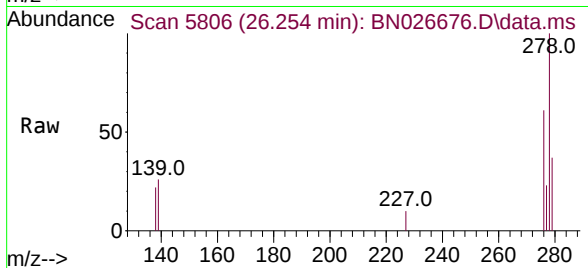
Tgt Ion:276 Resp: 6883

Ion Ratio Lower Upper

276 100

138 22.6 22.2 33.4

227 1.9 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.319 ng/ul

RT: 26.257 min Scan# 5807

Delta R.T. -0.000 min

Lab File: BN026676.D

Acq: 23 Jul 2023 14:42

Tgt Ion:278 Resp: 12400

Ion Ratio Lower Upper

278 100

139 25.5 18.9 28.3

279 36.8 31.3 46.9

