

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026674.D
 Acq On : 23 Jul 2023 13:29
 Operator : MA/JU
 Sample : 03504-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:41:07 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)

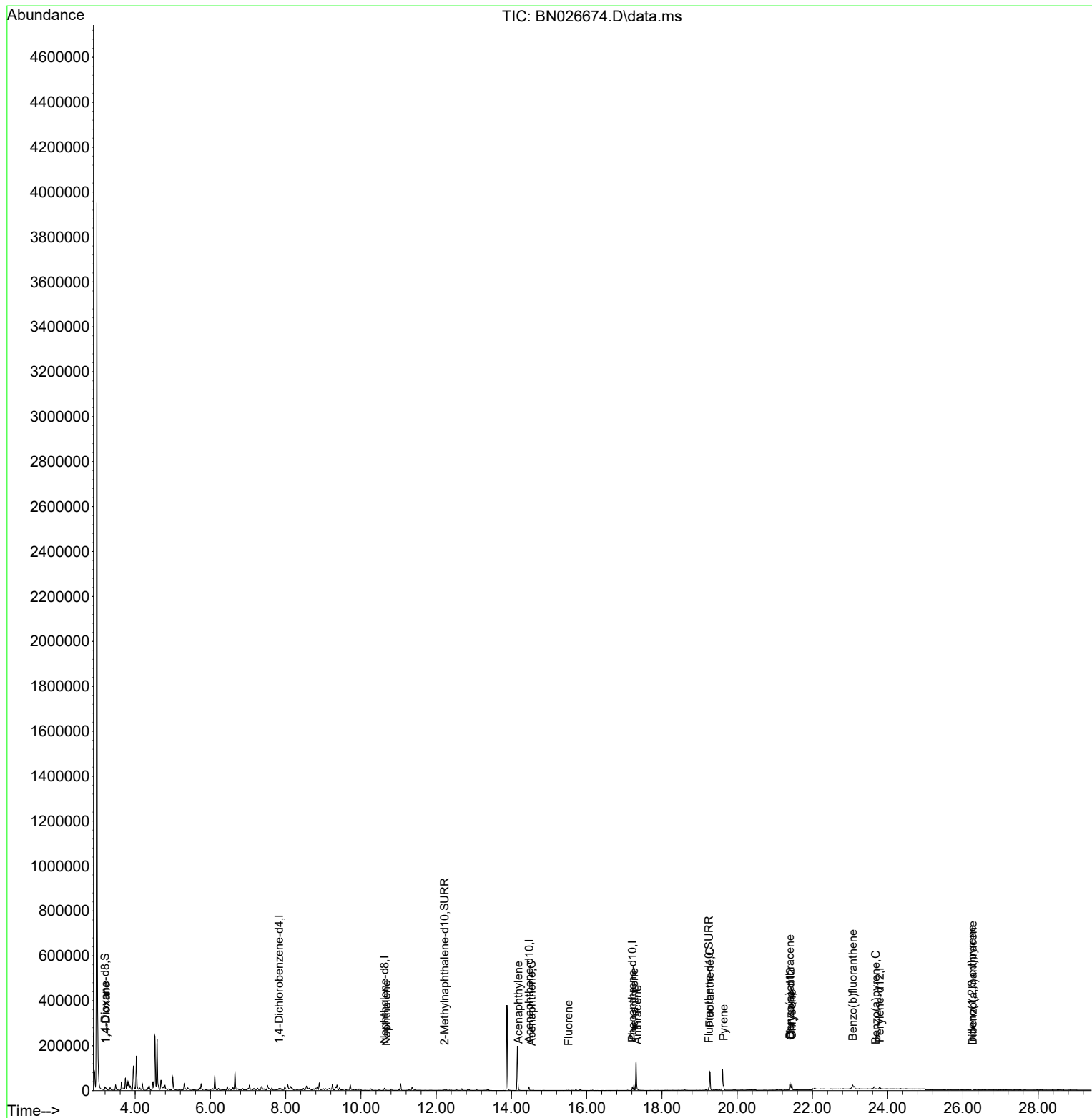
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	4375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	13439	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	8516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	19358	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	13740	0.400	ng/ul #	0.00
23) Perylene-d12	23.790	264	12725	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	7494	1.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	5992	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	13137	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	1231	0.226	ng/ul#	1
5) Naphthalene	10.674	128	1188	0.032	ng/ul#	65
10) Acenaphthylene	14.185	152	2965	0.071	ng/ul#	91
11) Acenaphthene	14.532	153	1142	0.036	ng/ul	96
12) Fluorene	15.517	166	1229	0.037	ng/ul#	97
15) Phenanthrene	17.257	178	26546	0.431	ng/ul	98
16) Anthracene	17.346	178	3883	0.073	ng/ul#	89
19) Fluoranthene	19.274	202	77455	1.203	ng/ul	97
20) Pyrene	19.641	202	18854	0.270	ng/ul	99
21) Benzo(a)anthracene	21.399	228	25080	0.497	ng/ul	97
22) Chrysene	21.452	228	25532	0.444	ng/ul	95
24) Benzo(b)fluoranthene	23.071	252	46380	0.936	ng/ul	92
26) Benzo(a)pyrene	23.685	252	1071	0.024	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.241	276	4316	0.075	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.258	278	4304	0.097	ng/ul#	49

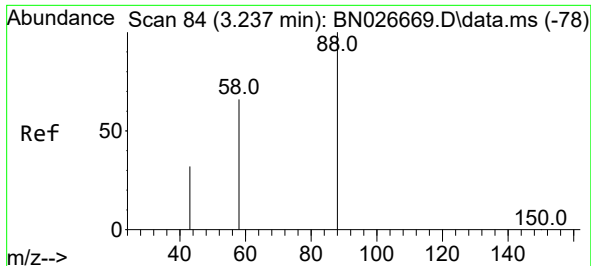
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
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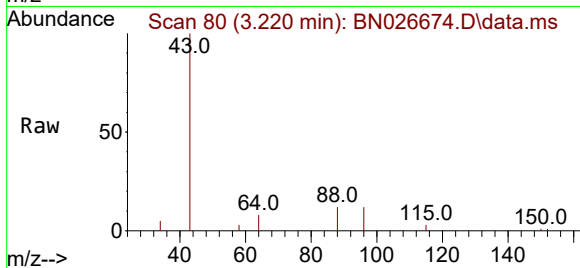
Quant Time: Jul 24 00:41:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



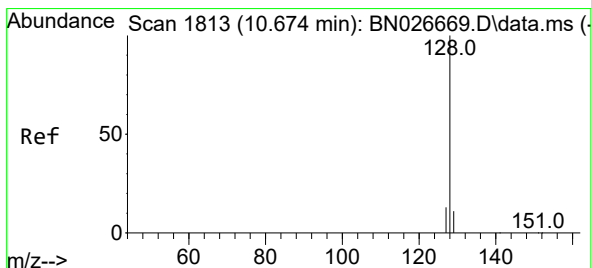
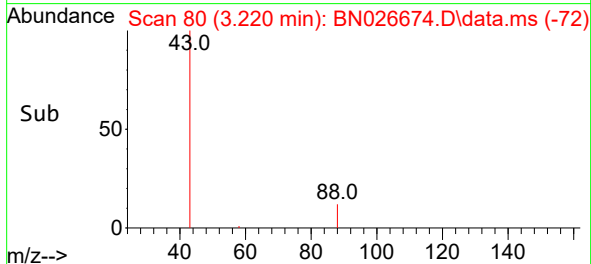
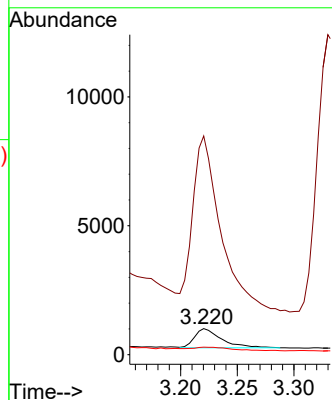


#2
1,4-Dioxane
Concen: 0.226 ng/ul
RT: 3.220 min Scan# 80
Delta R.T. -0.017 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Instrument :
BNA_N
ClientSampleId :

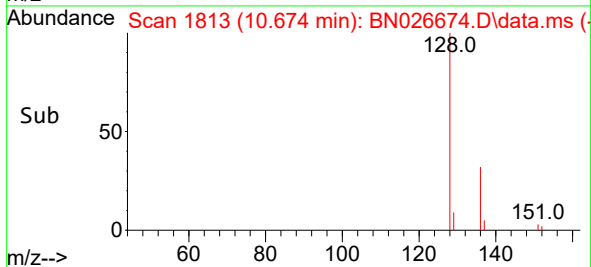
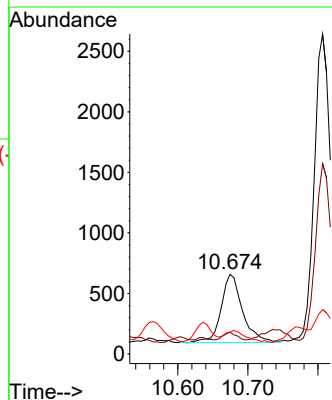
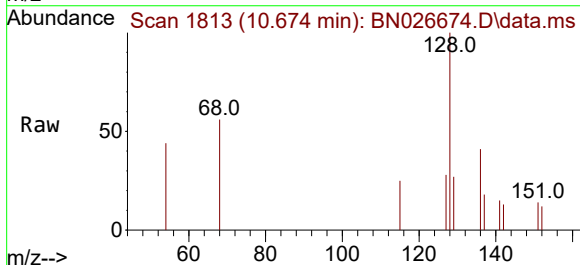


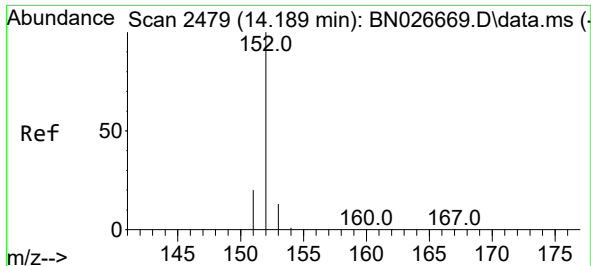
Tgt Ion: 88 Resp: 1231
Ion Ratio Lower Upper
88 100
43 838.3 33.0 49.6#
58 29.2 41.7 62.5#



#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Tgt Ion:128 Resp: 1188
Ion Ratio Lower Upper
128 100
129 27.4 10.2 15.2#
127 27.5 11.4 17.0#

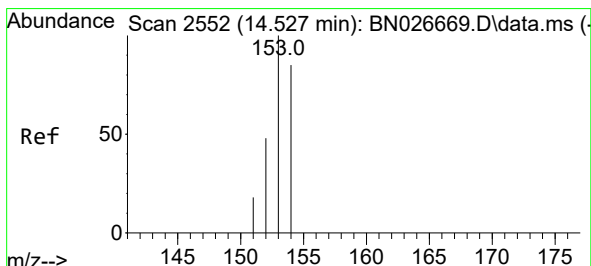
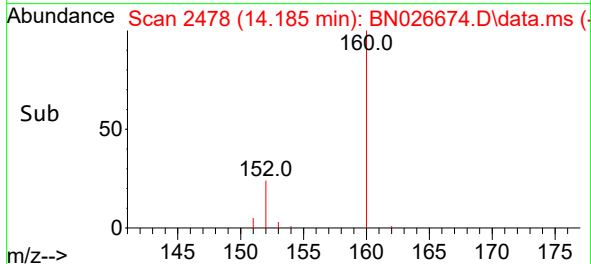
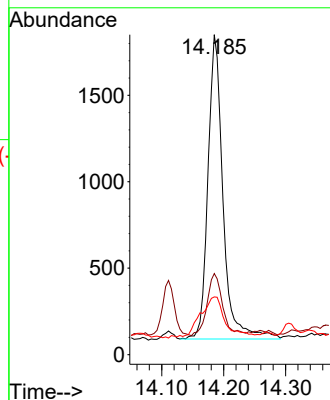
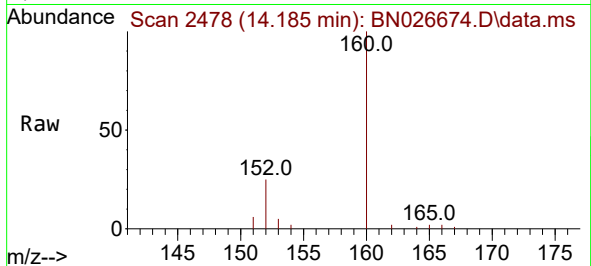




#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.185 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

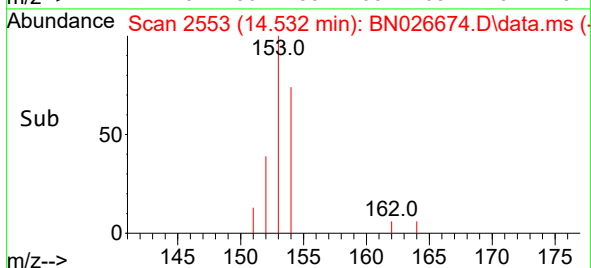
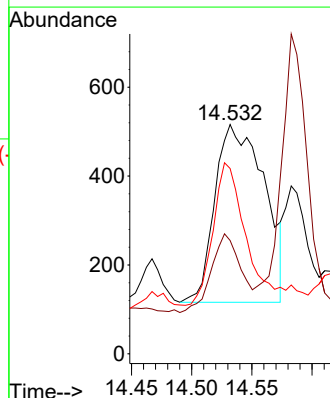
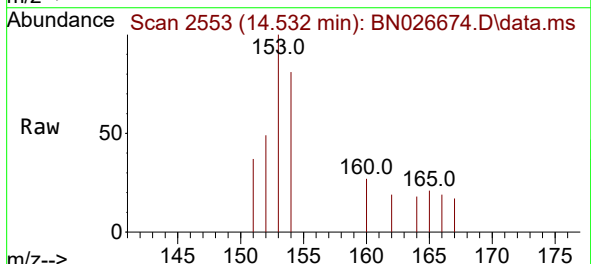
Instrument :
BNA_N
ClientSampleId :

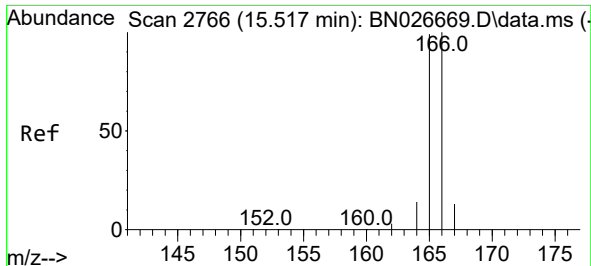
Tgt Ion:152 Resp: 2965
Ion Ratio Lower Upper
152 100
151 25.3 17.0 25.6
153 18.0 11.4 17.2#



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. 0.005 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

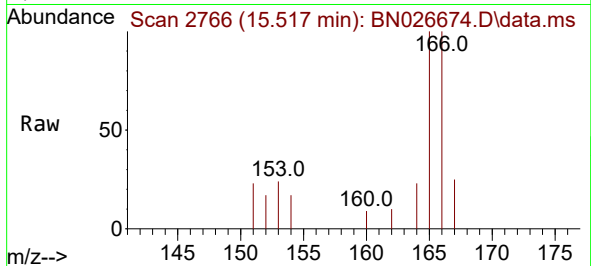
Tgt Ion:153 Resp: 1142
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 80.8 69.3 103.9



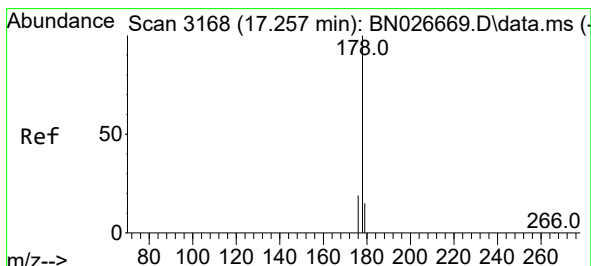
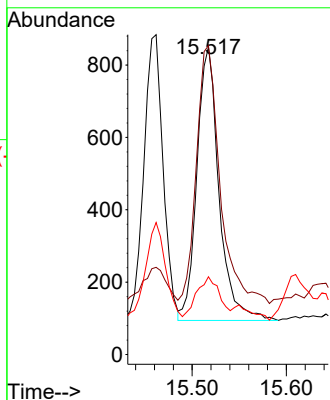
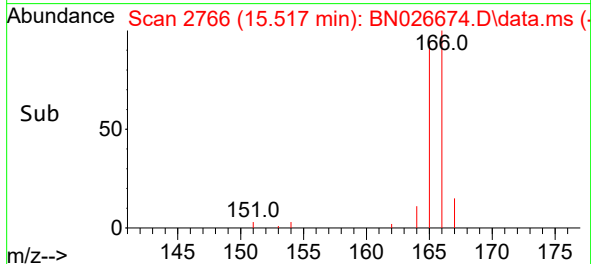


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Instrument :
BNA_N
ClientSampleId :

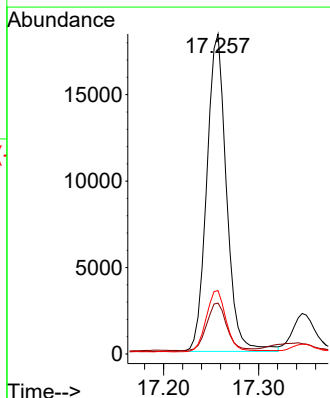
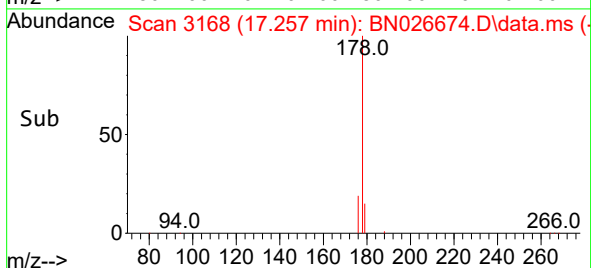
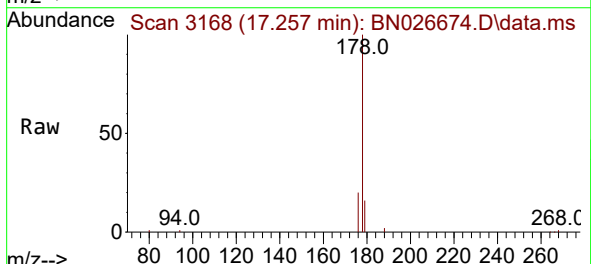


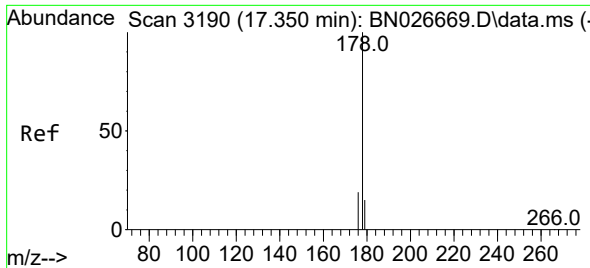
Tgt Ion:166 Resp: 1229
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 25.3 12.0 18.0#



#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

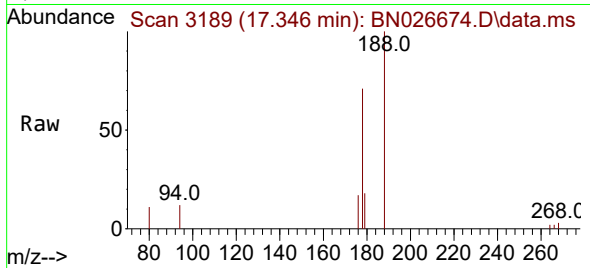
Tgt Ion:178 Resp: 26546
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 19.8 16.5 24.7



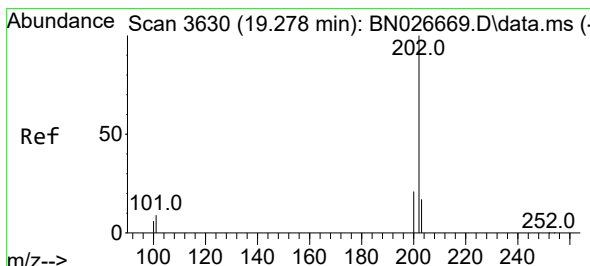
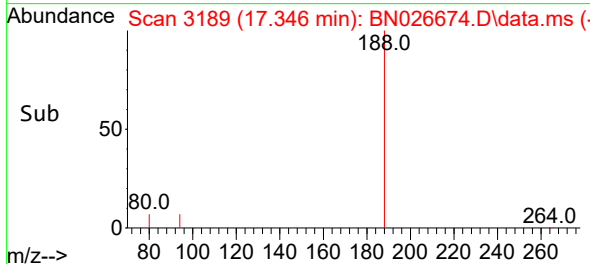
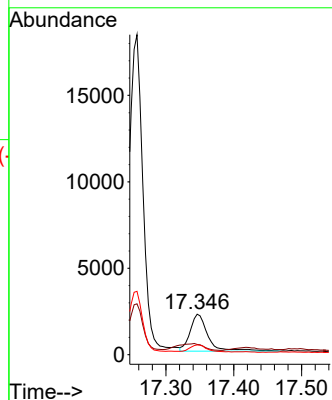


#16
 Anthracene
 Concen: 0.073 ng/ul
 RT: 17.346 min Scan# 3190
 Delta R.T. -0.004 min
 Lab File: BN026674.D
 Acq: 23 Jul 2023 13:29

Instrument :
 BNA_N
 ClientSampleId :

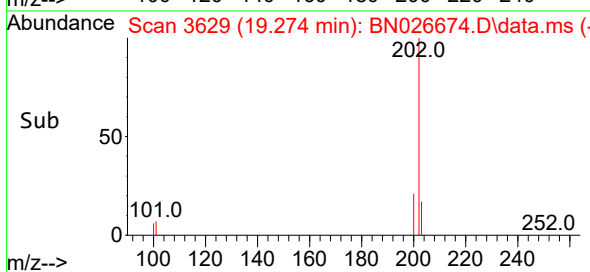
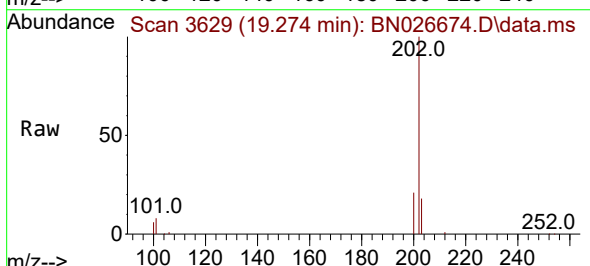
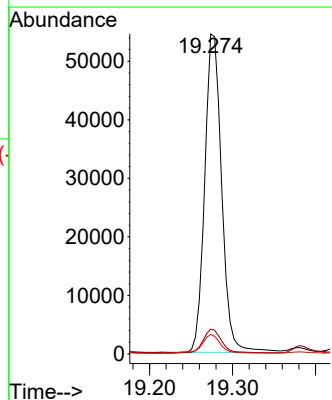


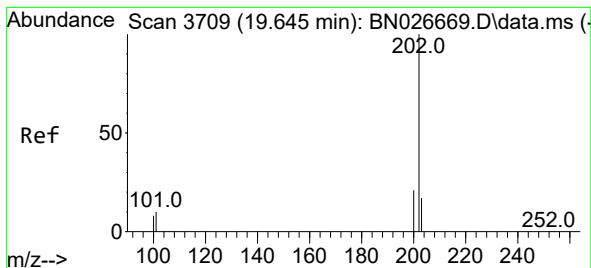
Tgt Ion:178 Resp: 3883
 Ion Ratio Lower Upper
 178 100
 179 25.5 14.8 22.2#
 176 24.1 16.6 25.0



#19
 Fluoranthene
 Concen: 1.203 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026674.D
 Acq: 23 Jul 2023 13:29

Tgt Ion:202 Resp: 77455
 Ion Ratio Lower Upper
 202 100
 101 7.8 7.0 10.4
 100 6.1 6.0 9.0





#20

Pyrene

Concen: 0.270 ng/ul

RT: 19.641 min Scan# 31

Delta R.T. -0.005 min

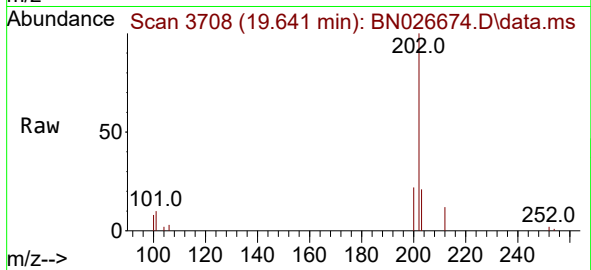
Lab File: BN026674.D

Acq: 23 Jul 2023 13:29

Instrument :

BNA_N

ClientSampleId :



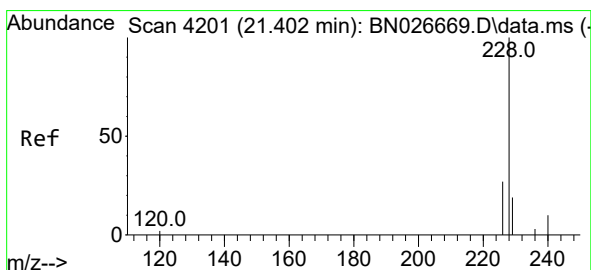
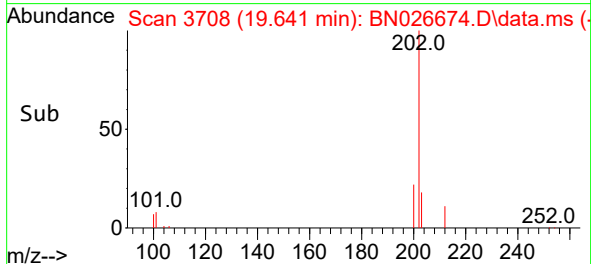
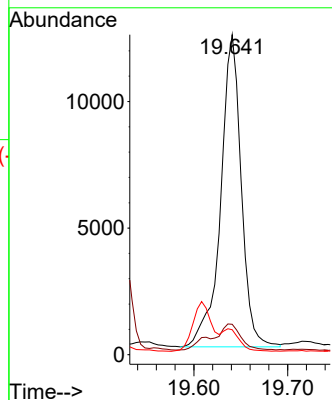
Tgt Ion:202 Resp: 18854

Ion Ratio Lower Upper

202 100

101 9.5 8.0 12.0

100 7.8 6.2 9.2



#21

Benzo(a)anthracene

Concen: 0.497 ng/ul

RT: 21.399 min Scan# 4200

Delta R.T. -0.003 min

Lab File: BN026674.D

Acq: 23 Jul 2023 13:29

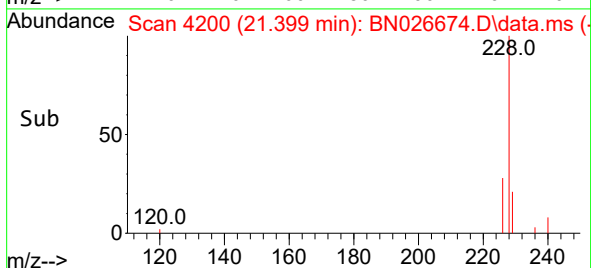
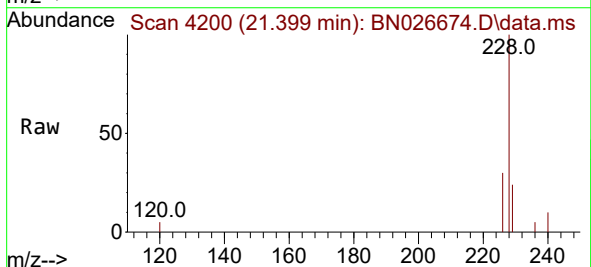
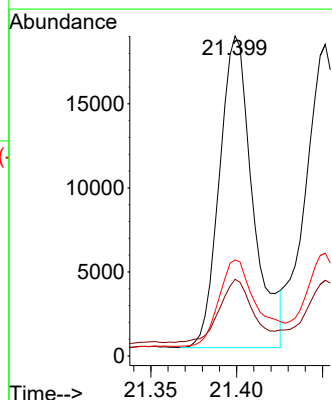
Tgt Ion:228 Resp: 25080

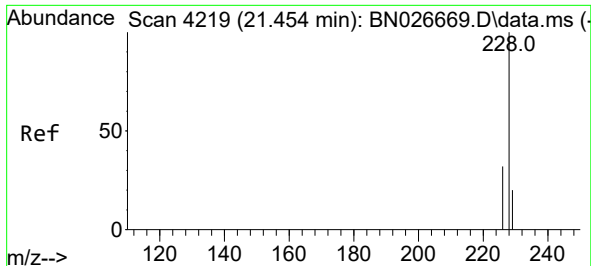
Ion Ratio Lower Upper

228 100

229 24.0 16.7 25.1

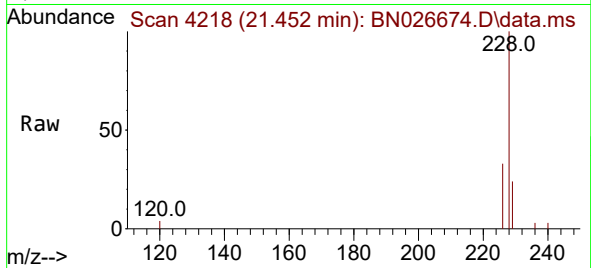
226 30.0 23.5 35.3



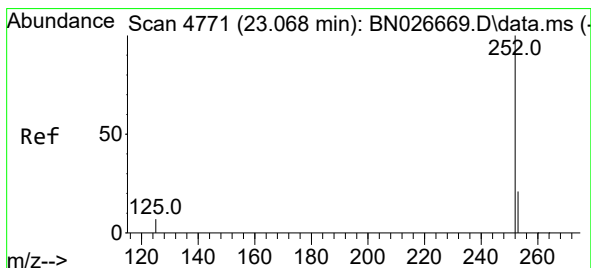
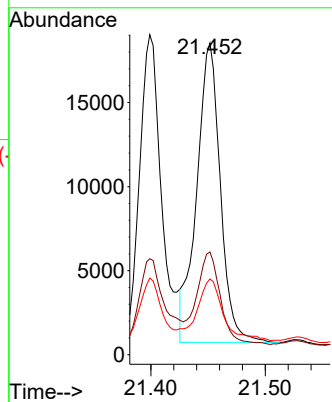
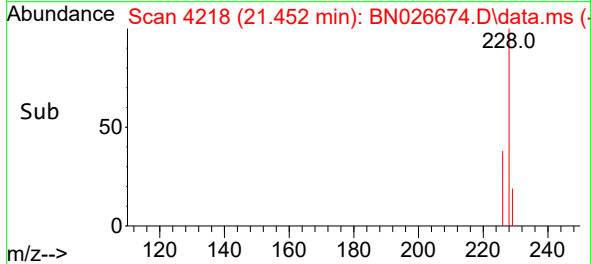


#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Instrument :
BNA_N
ClientSampleId :

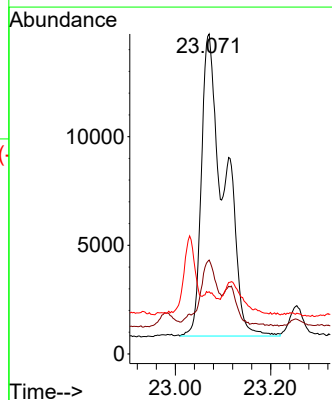
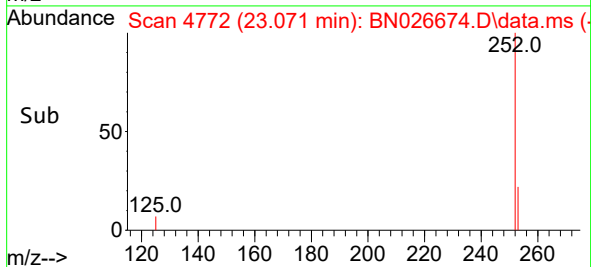
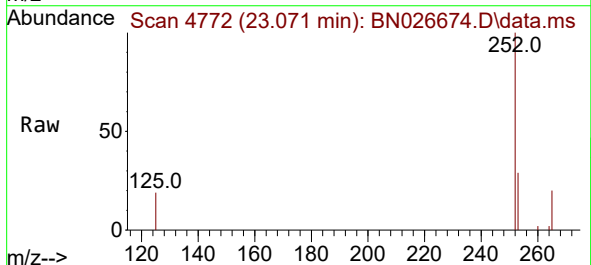


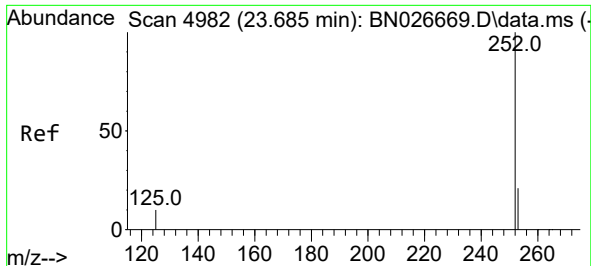
Tgt Ion:228 Resp: 25532
Ion Ratio Lower Upper
228 100
226 33.0 25.2 37.8
229 24.3 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.936 ng/ul
RT: 23.071 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

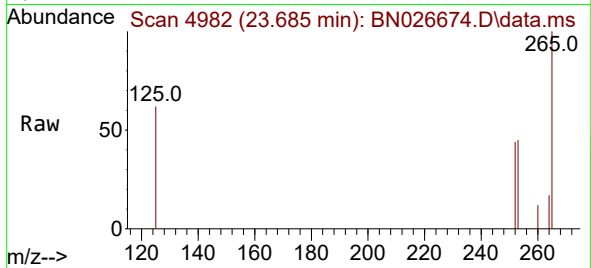
Tgt Ion:252 Resp: 46380
Ion Ratio Lower Upper
252 100
253 29.4 0.0 68.6
125 19.5 0.0 34.0



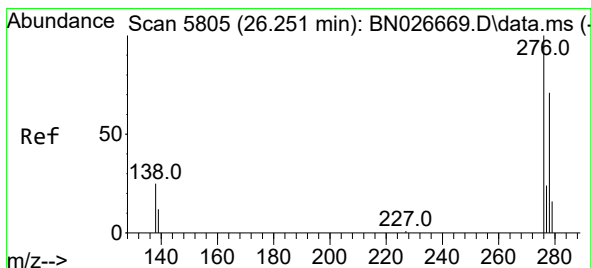
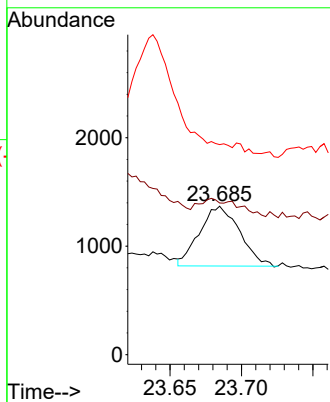
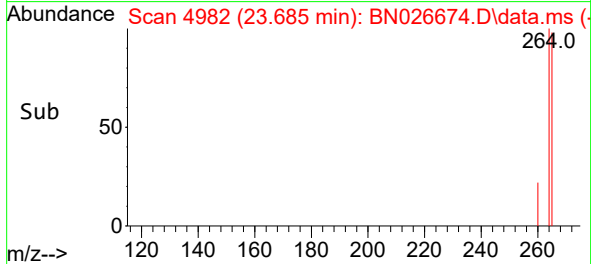


#26
Benzo(a)pyrene
Concen: 0.024 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. 0.000 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Instrument :
BNA_N
ClientSampleId :

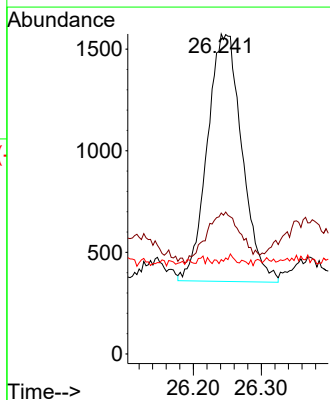
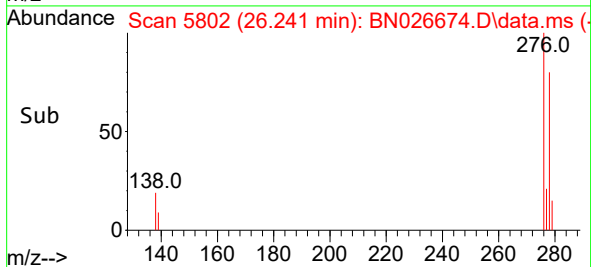
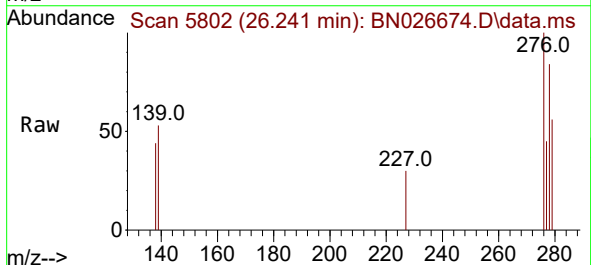


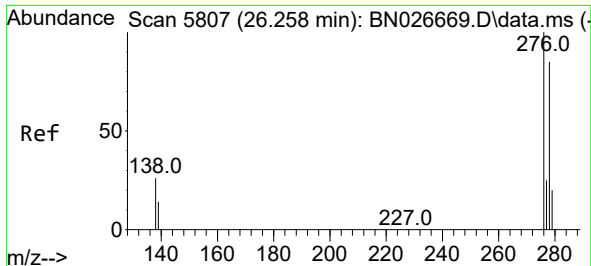
Tgt Ion:252 Resp: 1071
Ion Ratio Lower Upper
252 100
253 102.2 32.6 49.0#
125 141.6 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 26.241 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN026674.D
Acq: 23 Jul 2023 13:29

Tgt Ion:276 Resp: 4316
Ion Ratio Lower Upper
276 100
138 21.3 22.2 33.4#
227 0.9 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.097 ng/ul

RT: 26.258 min Scan# 5807

Delta R.T. 0.000 min

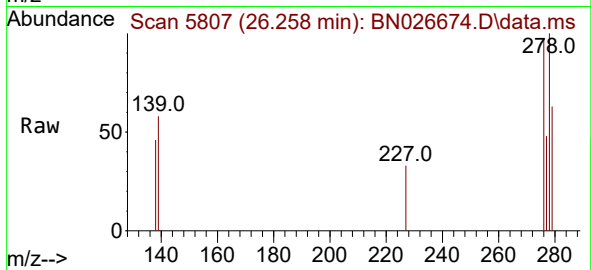
Lab File: BN026674.D

Acq: 23 Jul 2023 13:29

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 4304

Ion Ratio Lower Upper

278 100

139 57.7 18.9 28.3#

279 63.0 31.3 46.9#

