

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026689.D
 Acq On : 23 Jul 2023 23:12
 Operator : MA/JU
 Sample : 03472-35DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:43:34 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)

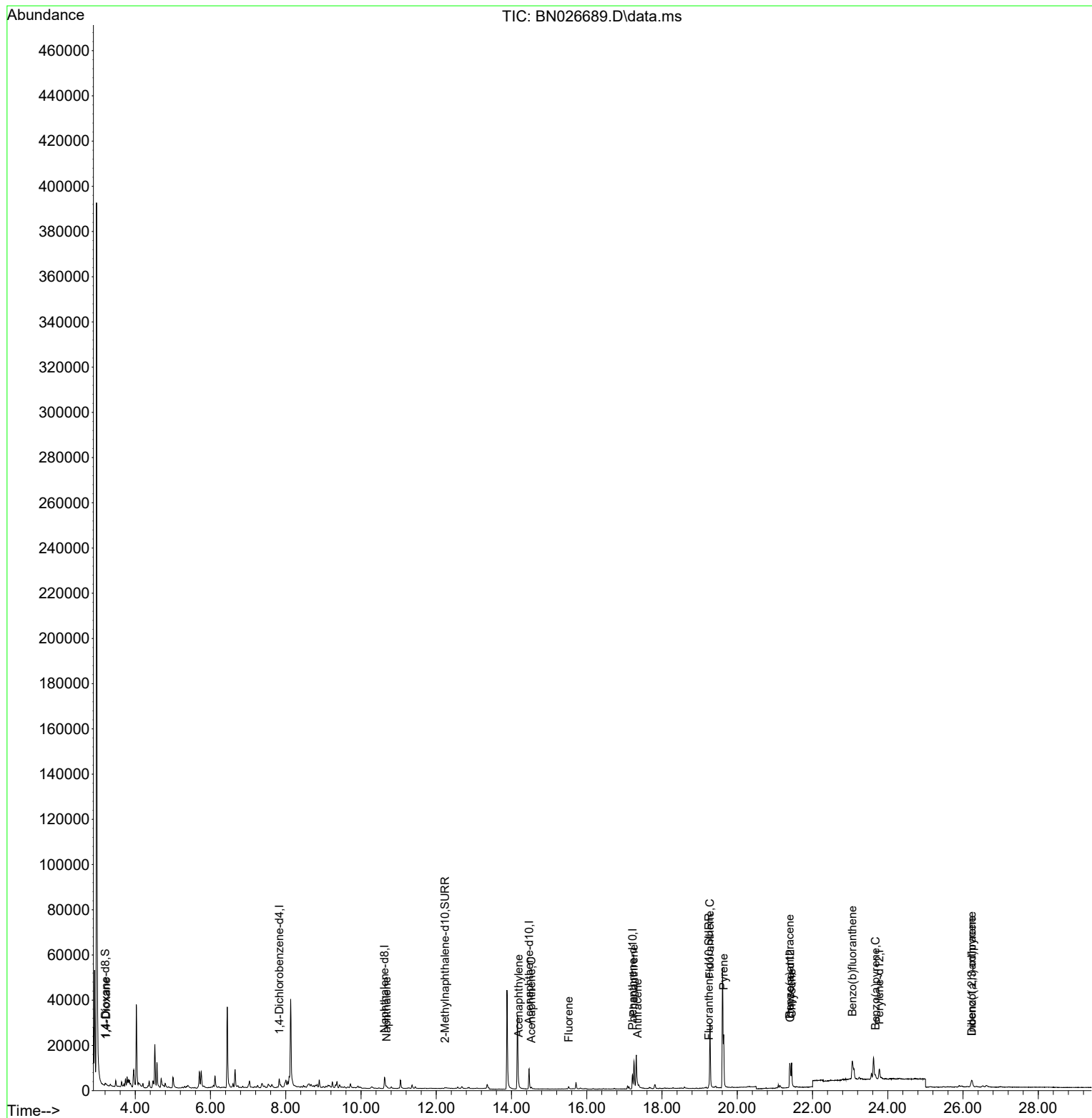
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	9172	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	5373	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	9086	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	6138	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	6499	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	696	0.208	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	860	0.069	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	1722	0.081	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.233	88	217	0.069	ng/ul#	1
5) Naphthalene	10.680	128	1367	0.054	ng/ul#	80
10) Acenaphthylene	14.189	152	1333	0.051	ng/ul#	82
11) Acenaphthene	14.527	153	587	0.029	ng/ul#	94
12) Fluorene	15.517	166	855	0.041	ng/ul#	91
15) Phenanthrene	17.253	178	14733	0.509	ng/ul	99
16) Anthracene	17.350	178	1881	0.075	ng/ul#	85
19) Fluoranthene	19.274	202	27960	0.972	ng/ul	98
20) Pyrene	19.636	202	20779	0.665	ng/ul#	94
21) Benzo(a)anthracene	21.393	228	9990	0.443	ng/ul	94
22) Chrysene	21.443	228	10912	0.425	ng/ul	95
24) Benzo(b)fluoranthene	23.056	252	21692	0.857	ng/ul	92
26) Benzo(a)pyrene	23.670	252	2365	0.105	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.234	276	5764	0.195	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.231	278	1749	0.077	ng/ul#	25

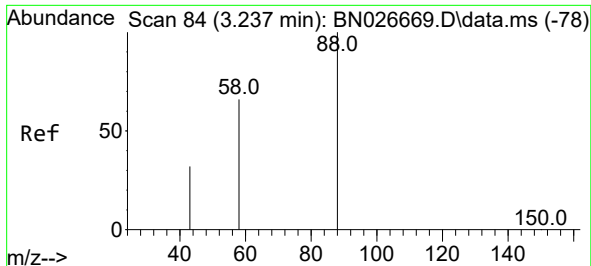
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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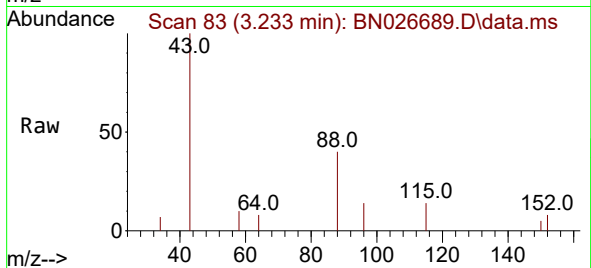
Quant Time: Jul 24 00:43:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



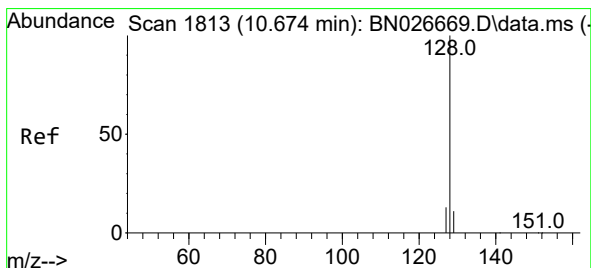
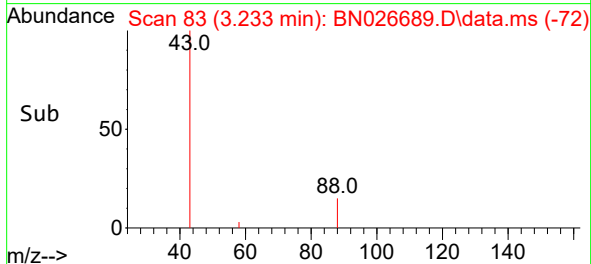
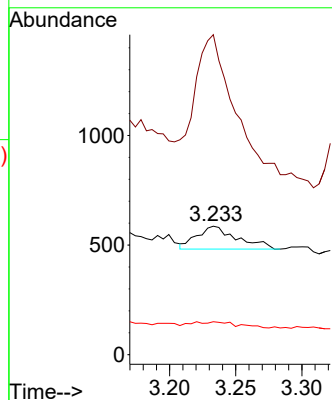


#2
1,4-Dioxane
Concen: 0.069 ng/ul
RT: 3.233 min Scan# 81
Delta R.T. -0.004 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

Instrument :
BNA_N
ClientSampleId :

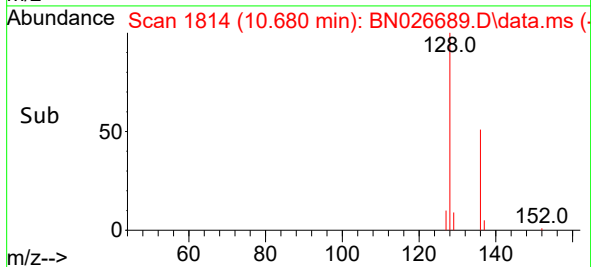
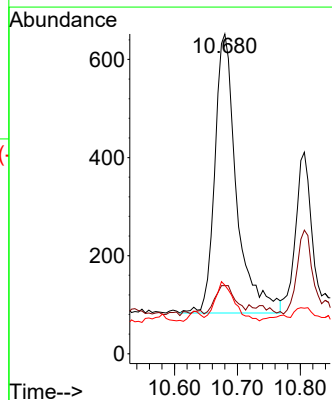
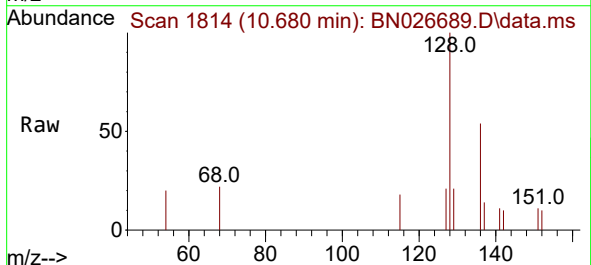


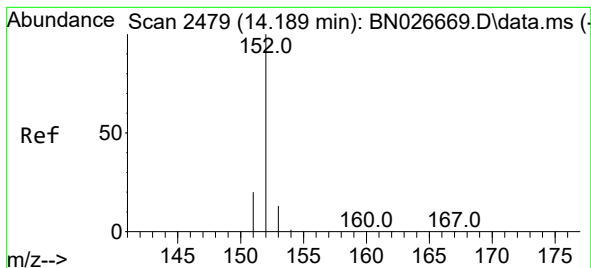
Tgt Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
43 249.1 33.0 49.6#
58 25.6 41.7 62.5#



#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

Tgt Ion: 128 Resp: 1367
Ion Ratio Lower Upper
128 100
129 21.3 10.2 15.2#
127 21.5 11.4 17.0#





#10

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.189 min Scan# 2479

Delta R.T. 0.000 min

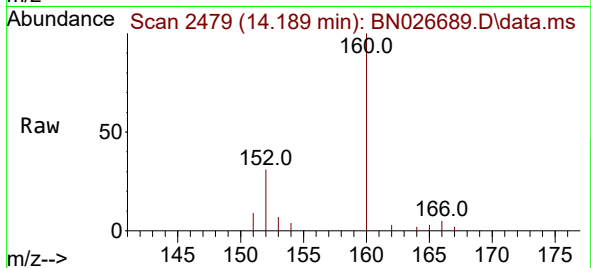
Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

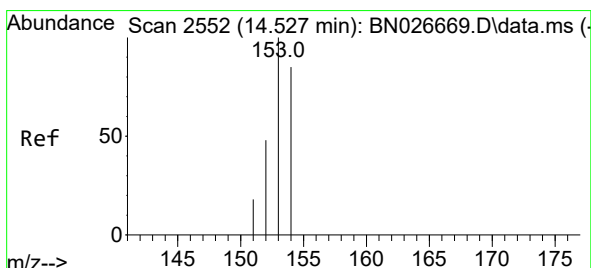
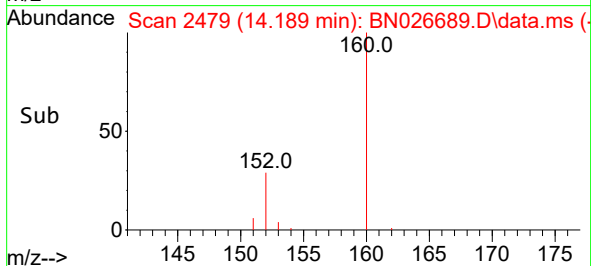
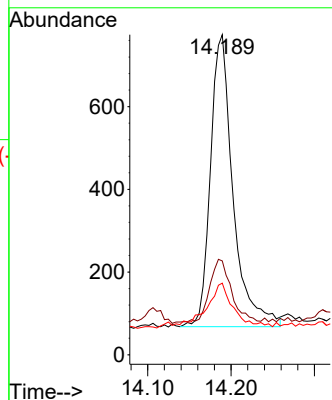
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	152	Resp:	1333
Ion Ratio	Lower	Upper	
152	100		
151	29.3	17.0	25.6#
153	22.4	11.4	17.2#



#11

Acenaphthene

Concen: 0.029 ng/ul

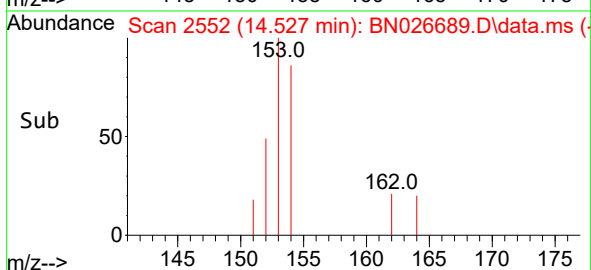
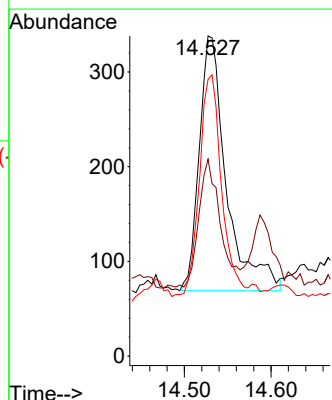
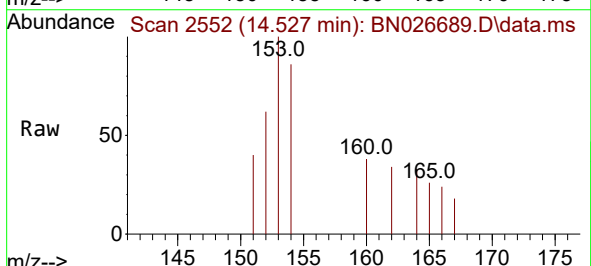
RT: 14.527 min Scan# 2552

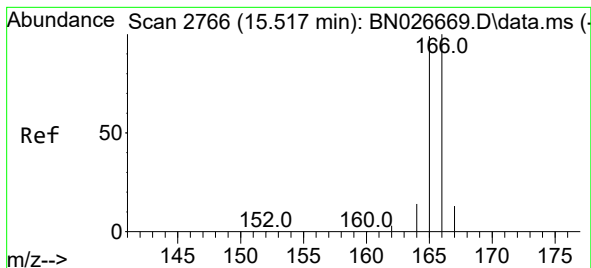
Delta R.T. 0.000 min

Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

Tgt Ion:	153	Resp:	587
Ion Ratio	Lower	Upper	
153	100		
152	61.5	40.2	60.4#
154	86.4	69.3	103.9





#12

Fluorene

Concen: 0.041 ng/ul

RT: 15.517 min Scan# 21

Delta R.T. 0.000 min

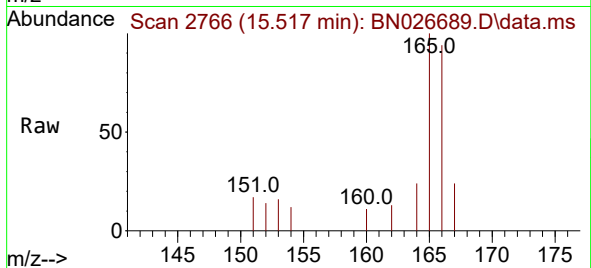
Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

Instrument :

BNA_N

ClientSampleId :



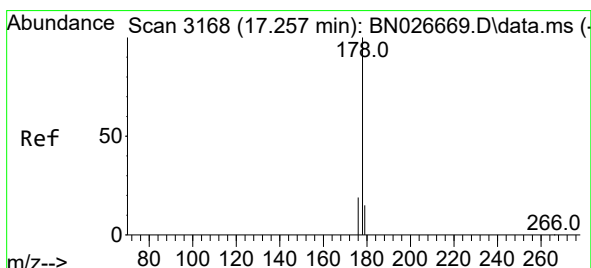
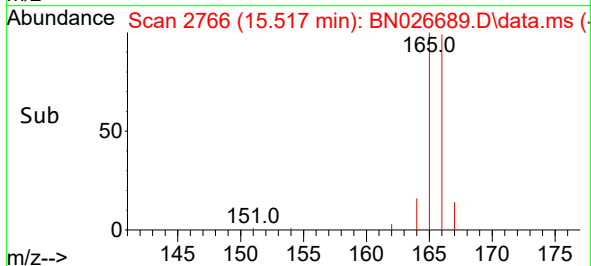
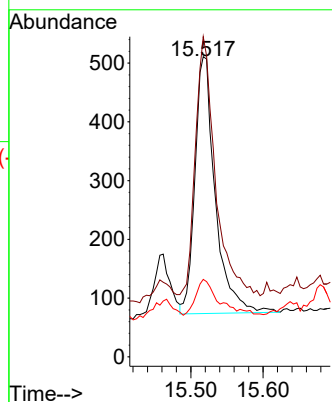
Tgt Ion:166 Resp: 855

Ion Ratio Lower Upper

166 100

165 106.7 80.6 120.8

167 25.8 12.0 18.0#



#15

Phenanthrene

Concen: 0.509 ng/ul

RT: 17.253 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

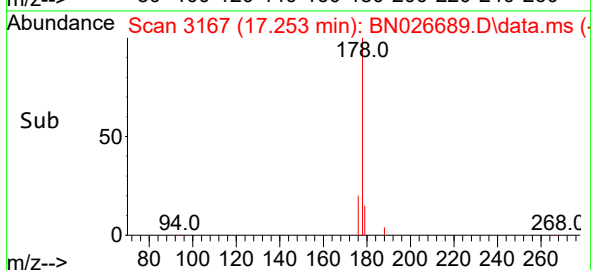
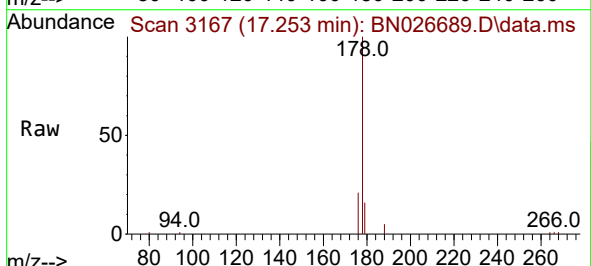
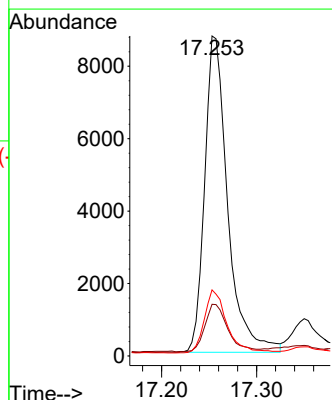
Tgt Ion:178 Resp: 14733

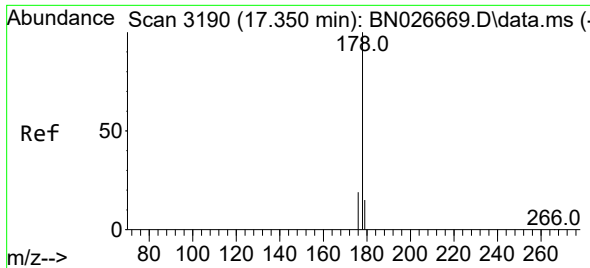
Ion Ratio Lower Upper

178 100

179 16.2 13.7 20.5

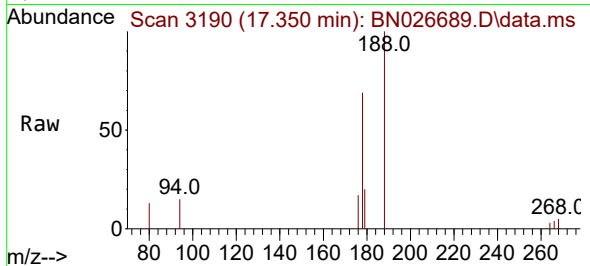
176 20.6 16.5 24.7



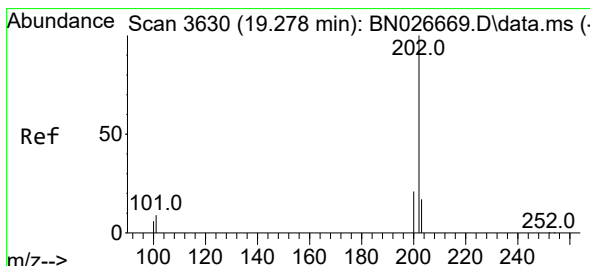
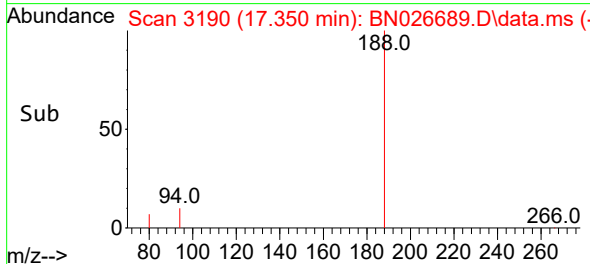
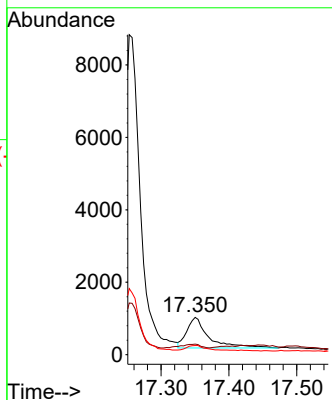


#16
 Anthracene
 Concen: 0.075 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. 0.000 min
 Lab File: BN026689.D
 Acq: 23 Jul 2023 23:12

Instrument :
 BNA_N
 ClientSampleId :

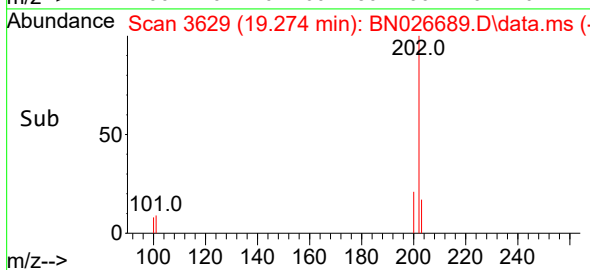
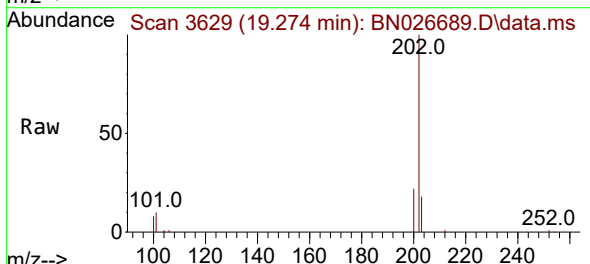
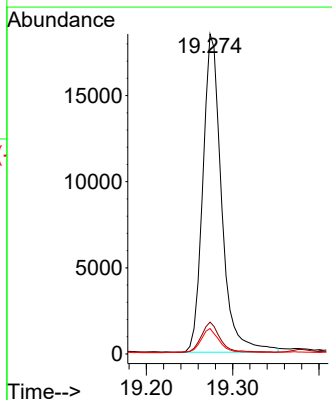


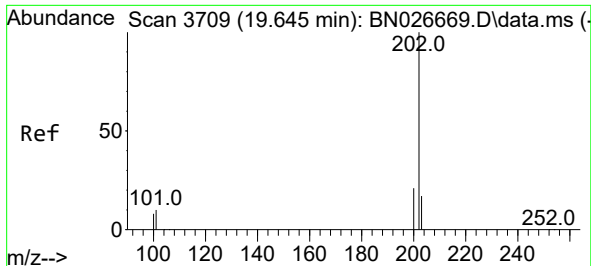
Tgt Ion:178 Resp: 1881
 Ion Ratio Lower Upper
 178 100
 179 28.3 14.8 22.2#
 176 24.7 16.6 25.0



#19
 Fluoranthene
 Concen: 0.972 ng/ul
 RT: 19.274 min Scan# 3629
 Delta R.T. -0.005 min
 Lab File: BN026689.D
 Acq: 23 Jul 2023 23:12

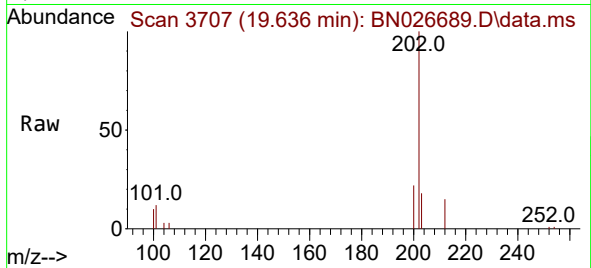
Tgt Ion:202 Resp: 27960
 Ion Ratio Lower Upper
 202 100
 101 9.9 7.0 10.4
 100 8.0 6.0 9.0



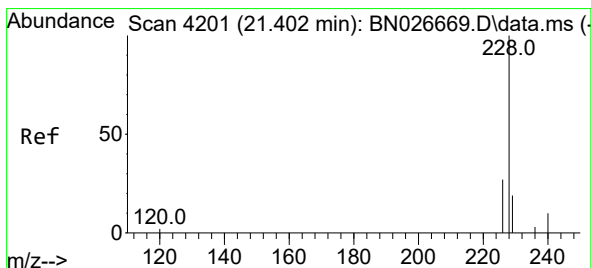
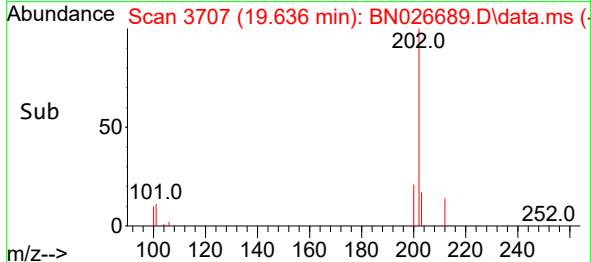
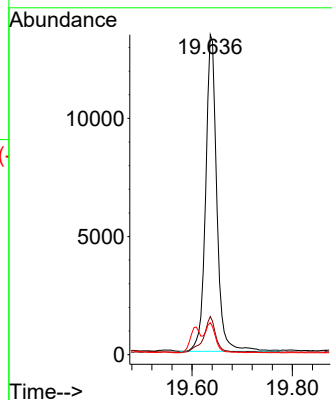


#20
Pyrene
Concen: 0.665 ng/ul
RT: 19.636 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

Instrument :
BNA_N
ClientSampleId :

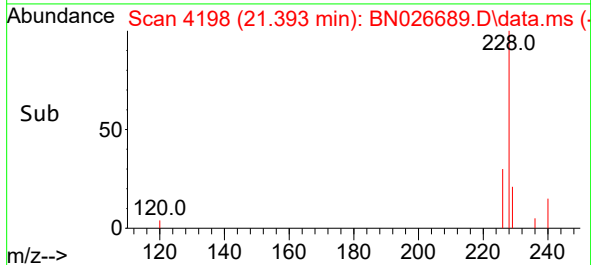
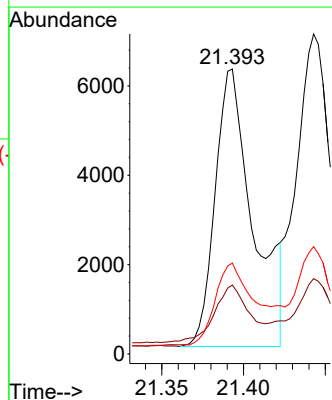
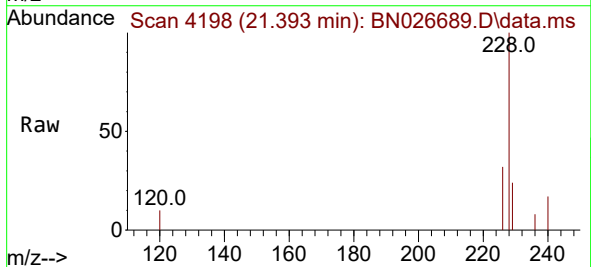


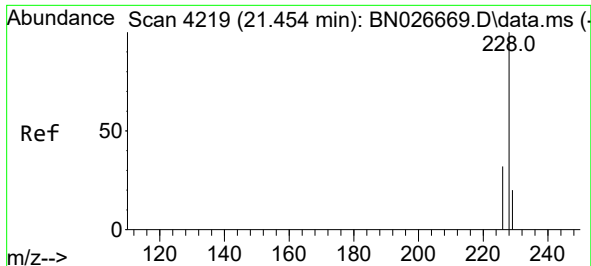
Tgt Ion:202 Resp: 20779
Ion Ratio Lower Upper
202 100
101 11.9 8.0 12.0
100 10.0 6.2 9.2#



#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

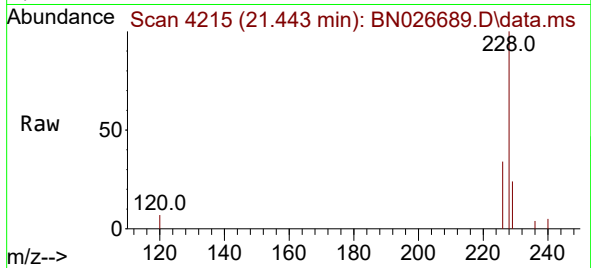
Tgt Ion:228 Resp: 9990
Ion Ratio Lower Upper
228 100
229 24.2 16.7 25.1
226 31.9 23.5 35.3



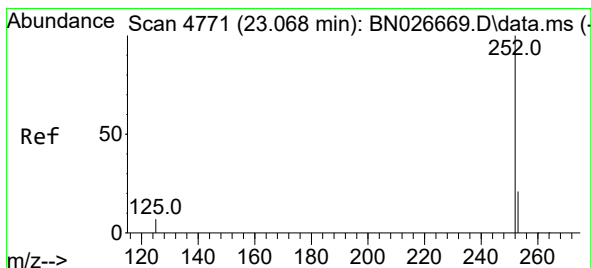
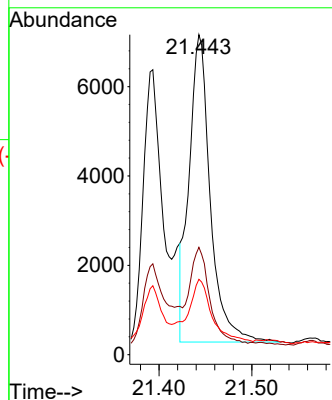
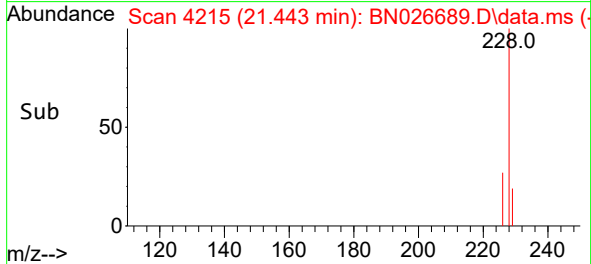


#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.443 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

Instrument :
BNA_N
ClientSampleId :

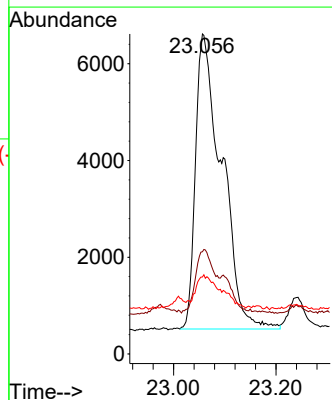
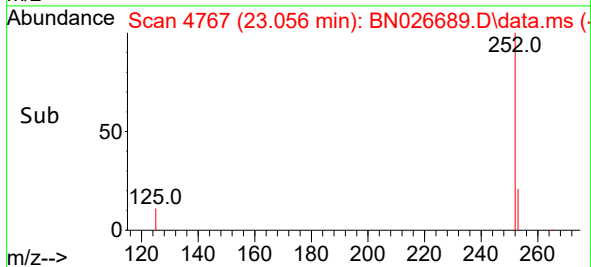
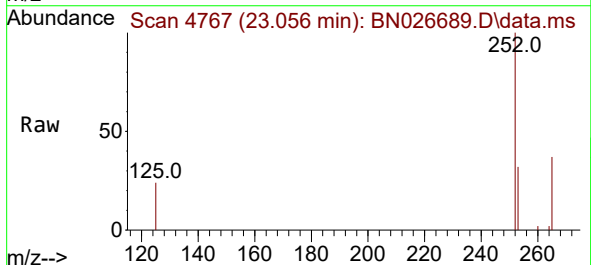


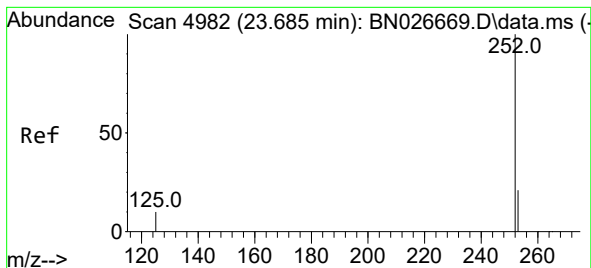
Tgt Ion:228 Resp: 10912
Ion Ratio Lower Upper
228 100
226 33.6 25.2 37.8
229 23.6 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.857 ng/ul
RT: 23.056 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026689.D
Acq: 23 Jul 2023 23:12

Tgt Ion:252 Resp: 21692
Ion Ratio Lower Upper
252 100
253 32.0 0.0 68.6
125 24.1 0.0 34.0





#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.670 min Scan# 4982

Delta R.T. -0.015 min

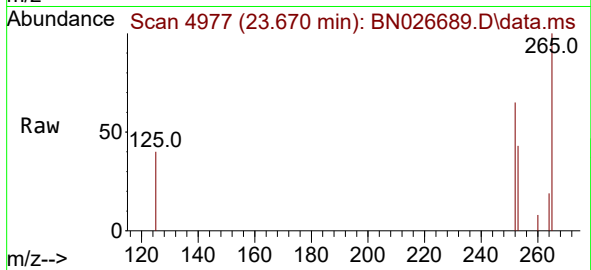
Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

Instrument :

BNA_N

ClientSampleId :



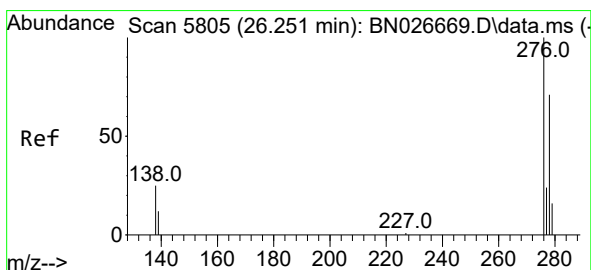
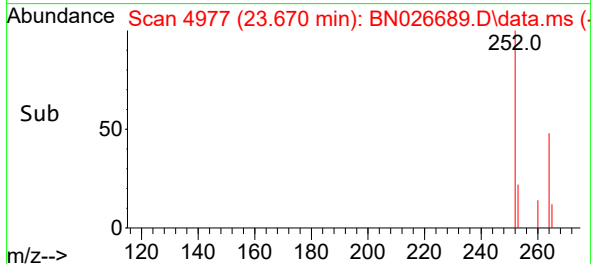
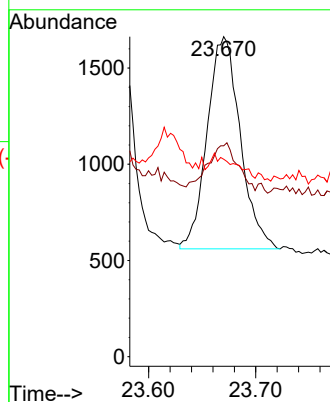
Tgt Ion:252 Resp: 2365

Ion Ratio Lower Upper

252 100

253 65.9 32.6 49.0#

125 61.7 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.195 ng/ul

RT: 26.234 min Scan# 5800

Delta R.T. -0.017 min

Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

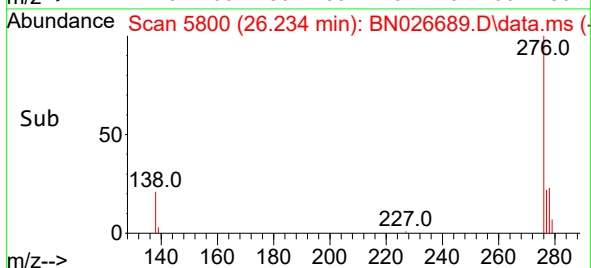
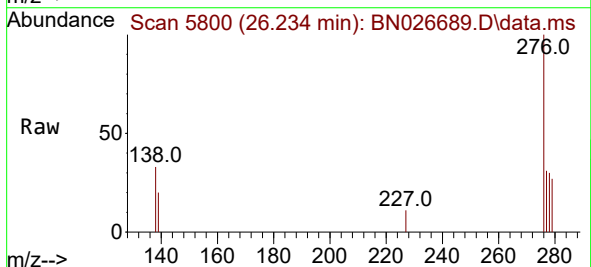
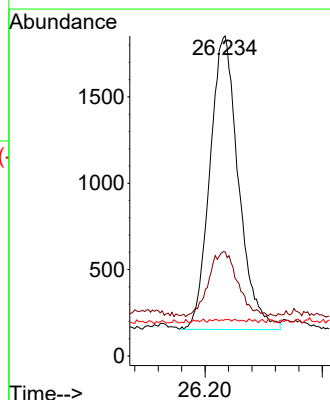
Tgt Ion:276 Resp: 5764

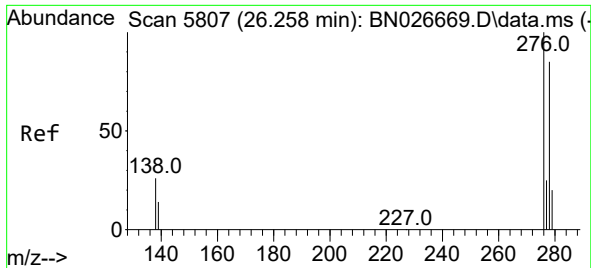
Ion Ratio Lower Upper

276 100

138 22.6 22.2 33.4

227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.077 ng/ul

RT: 26.231 min Scan# 51

Delta R.T. -0.027 min

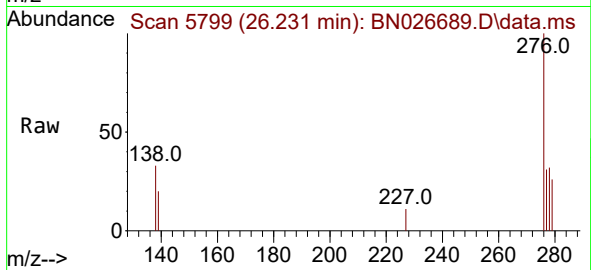
Lab File: BN026689.D

Acq: 23 Jul 2023 23:12

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 1749

Ion Ratio Lower Upper

278 100

139 63.8 18.9 28.3#

279 82.5 31.3 46.9#

