

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026599.D
 Acq On : 20 Jul 2023 19:33
 Operator : MA/JU
 Sample : 03452-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 20 21:49:16 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 : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

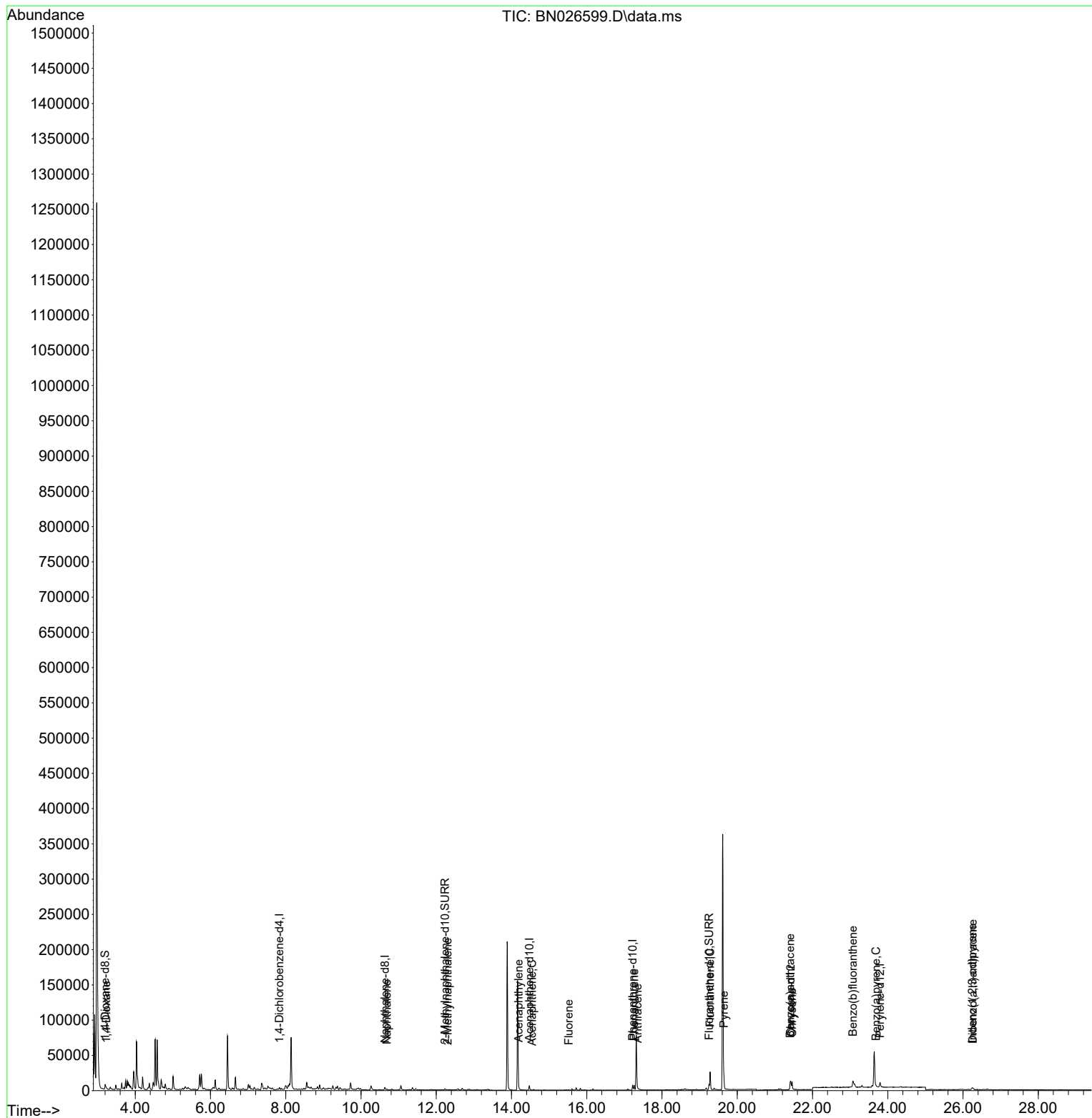
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1702	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	5461	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.476	164	3721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	9015	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	9434	0.400	ng/ul	# 0.00
23) Perylene-d12	23.793	264	8838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4780	2.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	2522	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	8598	0.263	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	380	0.179	ng/ul#	1
5) Naphthalene	10.685	128	1740	0.116	ng/ul#	84
7) 2-Methylnaphthalene	12.302	142	182	0.021	ng/ul#	77
10) Acenaphthylene	14.194	152	675	0.037	ng/ul#	67
11) Acenaphthene	14.541	153	344	0.025	ng/ul#	94
12) Fluorene	15.522	166	393	0.027	ng/ul#	89
15) Phenanthrene	17.261	178	7342	0.256	ng/ul	98
16) Anthracene	17.350	178	847	0.034	ng/ul#	59
19) Fluoranthene	19.278	202	23644	0.535	ng/ul#	96
20) Pyrene	19.641	202	17367	0.362	ng/ul	98
21) Benzo(a)anthracene	21.405	228	8059	0.232	ng/ul	96
22) Chrysene	21.457	228	11765	0.298	ng/ul	94
24) Benzo(b)fluoranthene	23.074	252	22847	0.664	ng/ul	96
26) Benzo(a)pyrene	23.685	252	1642	0.054	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.248	276	5354	0.133	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.258	278	1631	0.053	ng/ul#	21

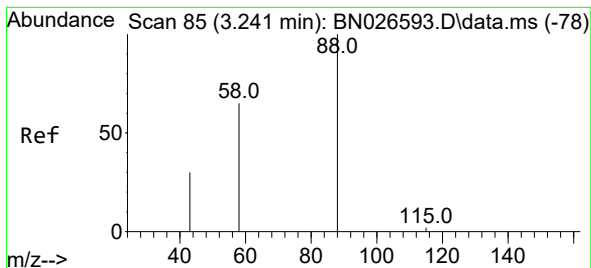
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 21:49:16 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 : Thu Jul 20 16:21:17 2023
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#2

1,4-Dioxane

Concen: 0.179 ng/ul

RT: 3.229 min Scan# 81

Delta R.T. -0.013 min

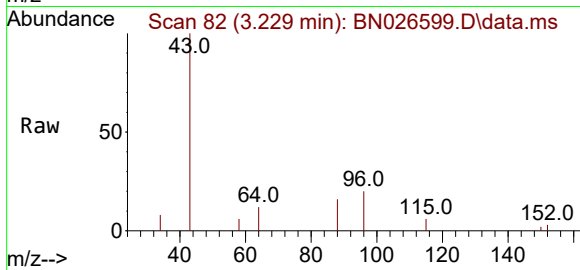
Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

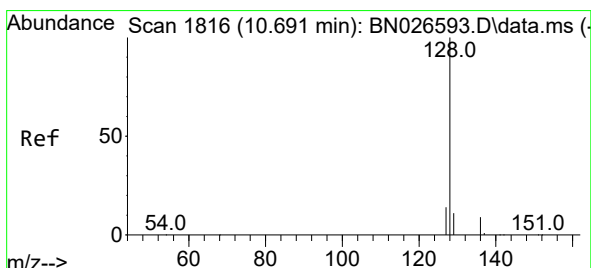
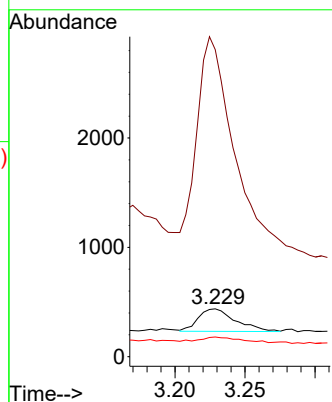
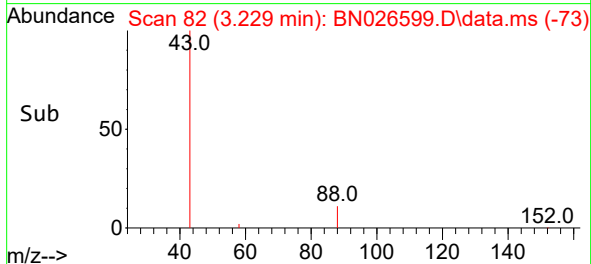
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	88	Resp:	380
Ion	Ratio	Lower	Upper
88	100		
43	641.1	33.0	49.6#
58	41.1	41.7	62.5#



#5

Naphthalene

Concen: 0.116 ng/ul

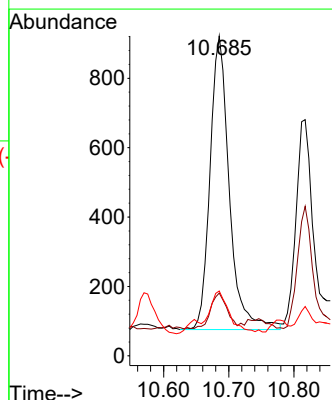
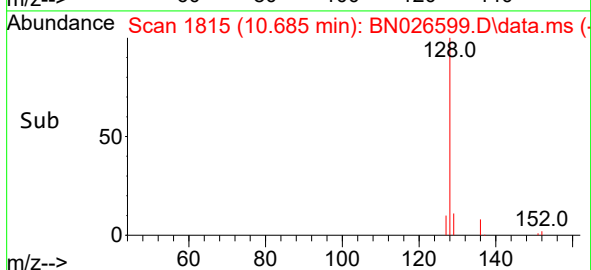
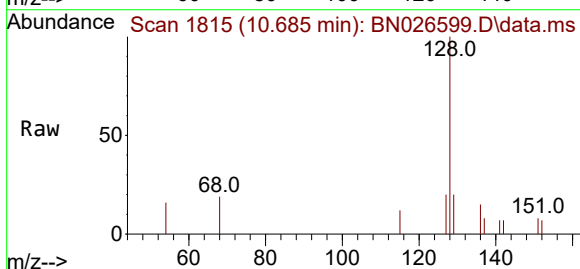
RT: 10.685 min Scan# 1815

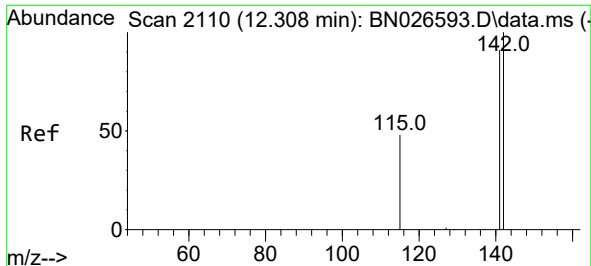
Delta R.T. -0.005 min

Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

Tgt Ion:	128	Resp:	1740
Ion	Ratio	Lower	Upper
128	100		
129	19.6	10.2	15.2#
127	20.3	11.4	17.0#

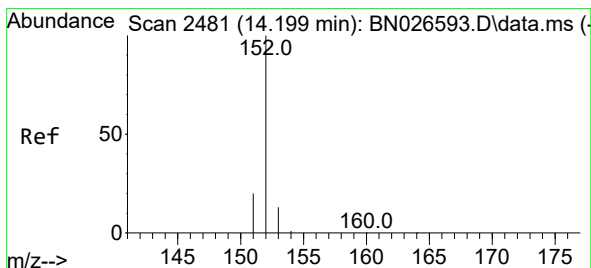
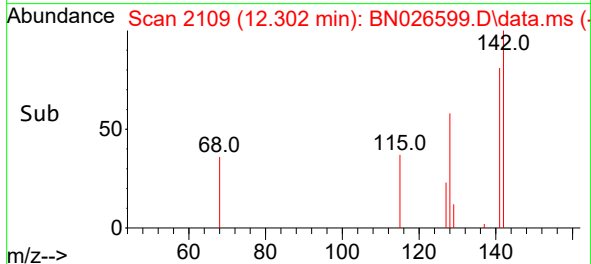
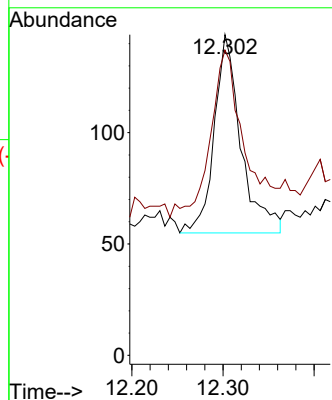
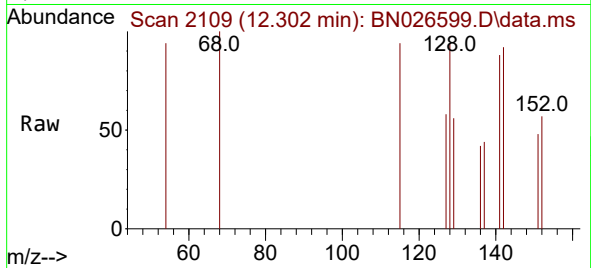




#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.302 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

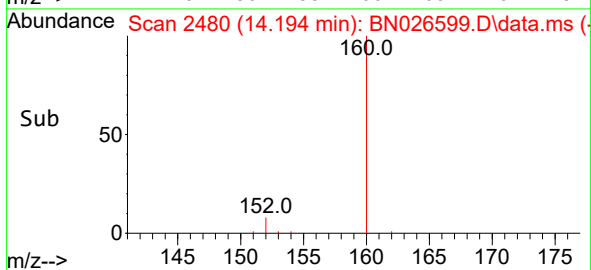
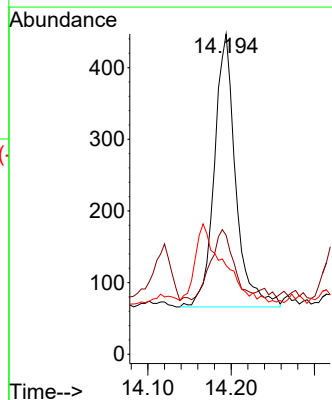
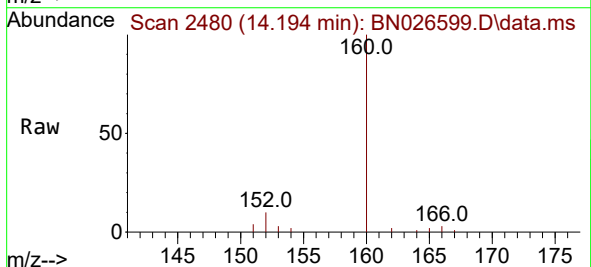
Instrument :
BNA_N
ClientSampleId :

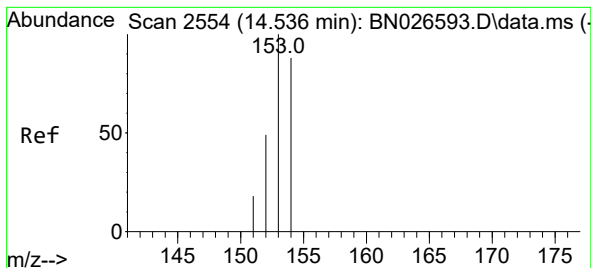
Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
141 112.1 72.3 108.5#



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Tgt Ion:152 Resp: 675
Ion Ratio Lower Upper
152 100
151 37.1 17.0 25.6#
153 27.7 11.4 17.2#





#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.541 min Scan# 2

Delta R.T. 0.005 min

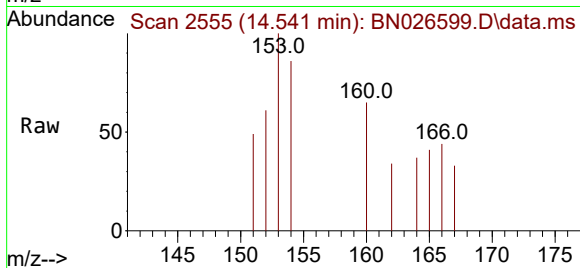
Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

Instrument :

BN026599.D

ClientSampleId :



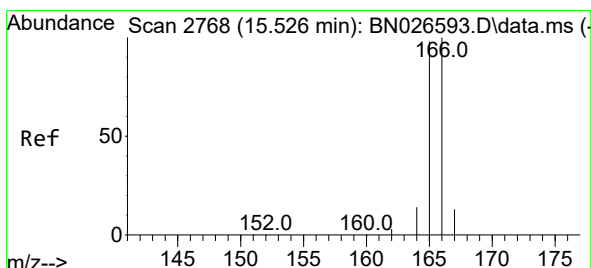
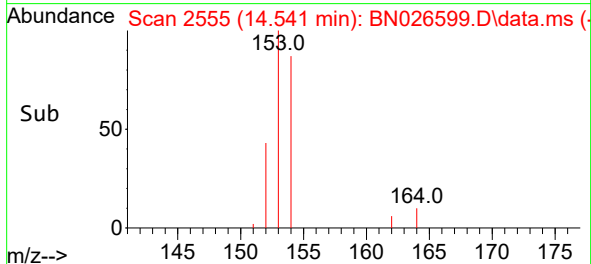
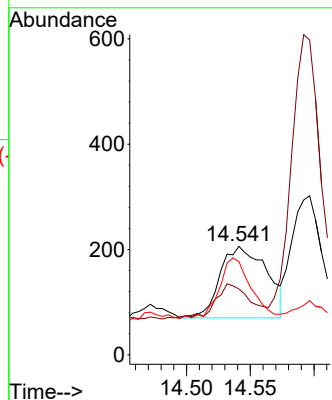
Tgt Ion:153 Resp: 344

Ion Ratio Lower Upper

153 100

152 60.7 40.2 60.4#

154 85.9 69.3 103.9



#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.522 min Scan# 2767

Delta R.T. -0.005 min

Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

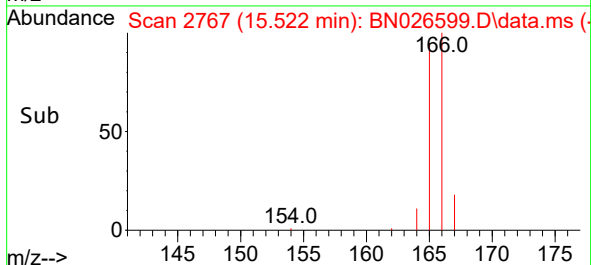
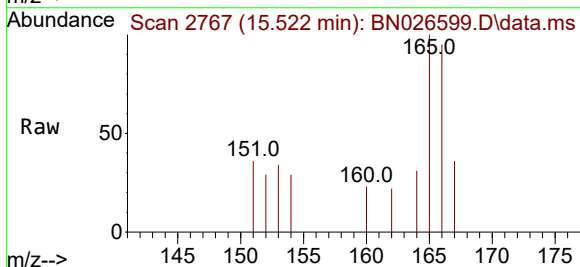
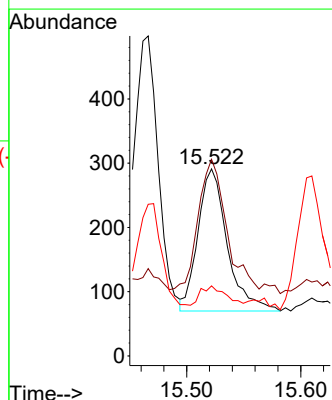
Tgt Ion:166 Resp: 393

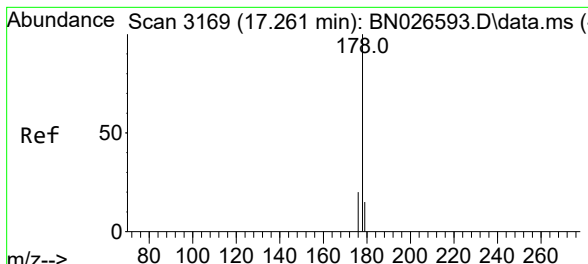
Ion Ratio Lower Upper

166 100

165 105.2 80.6 120.8

167 37.5 12.0 18.0#

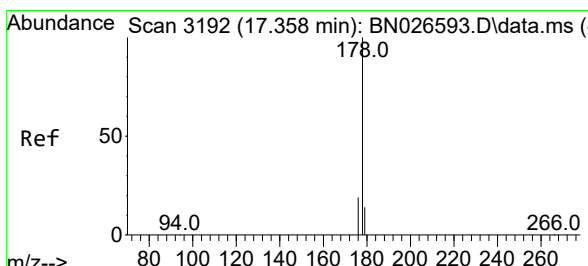
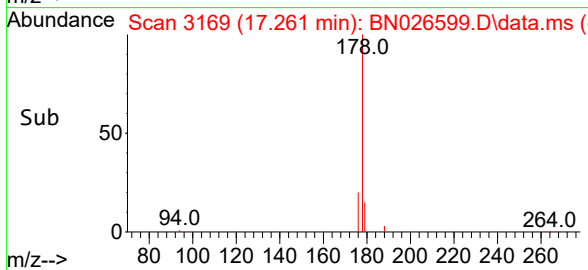
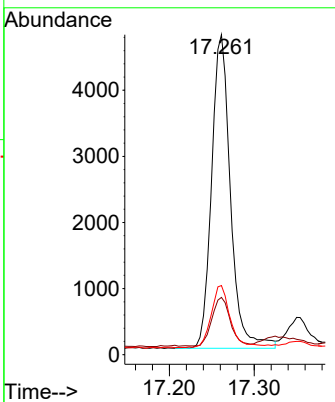
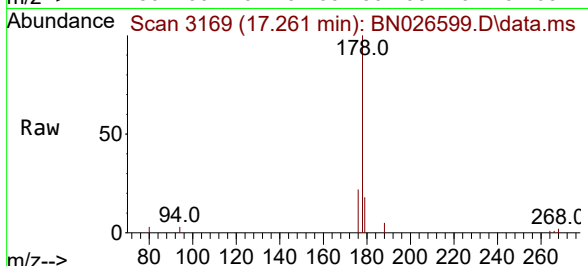




#15
 Phenanthrene
 Concen: 0.256 ng/ul
 RT: 17.261 min Scan# 3169
 Delta R.T. 0.000 min
 Lab File: BN026599.D
 Acq: 20 Jul 2023 19:33

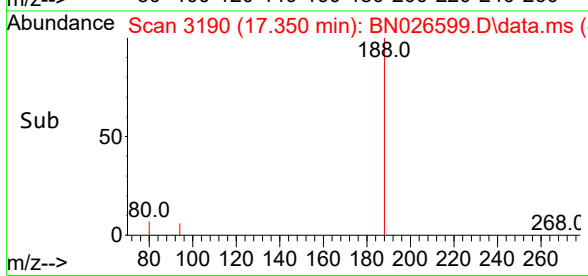
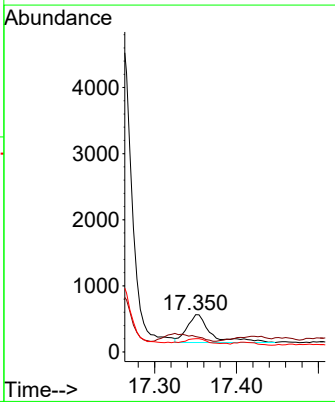
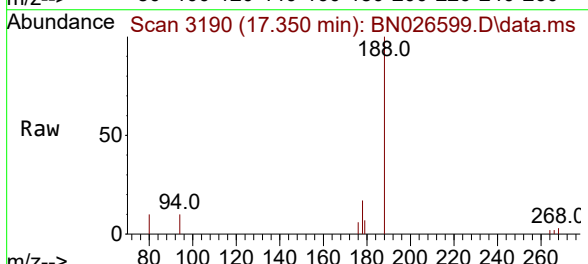
Instrument :
 BNA_N
 ClientSampleId :

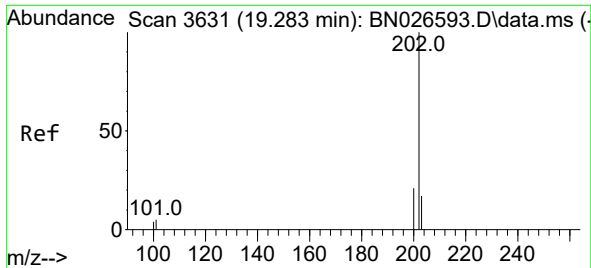
Tgt Ion:	178	Resp:	7342
Ion Ratio	Lower	Upper	
178	100		
179	17.9	13.7	20.5
176	21.6	16.5	24.7



#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. -0.008 min
 Lab File: BN026599.D
 Acq: 20 Jul 2023 19:33

Tgt Ion:	178	Resp:	847
Ion Ratio	Lower	Upper	
178	100		
179	41.3	14.8	22.2#
176	35.5	16.6	25.0#

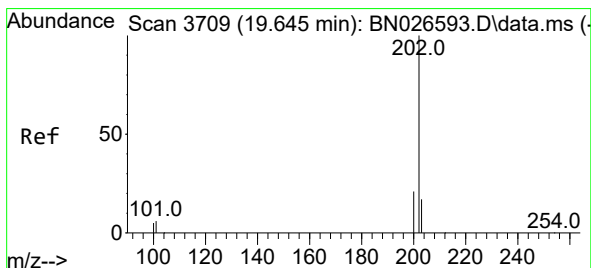
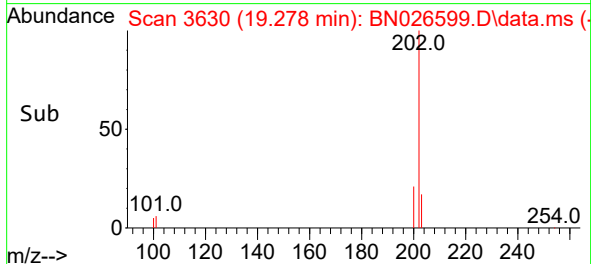
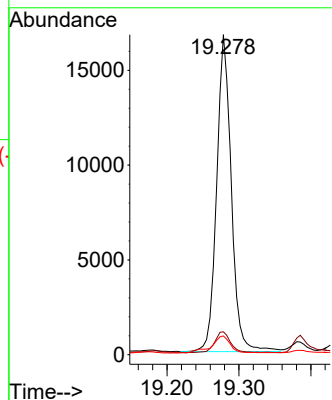
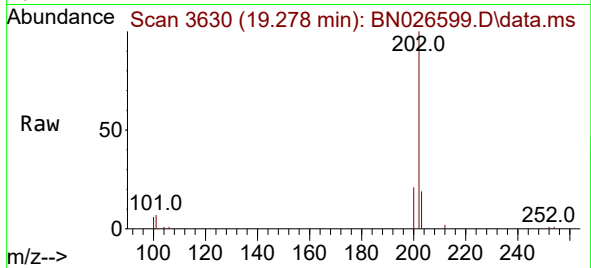




#19
Fluoranthene
Concen: 0.535 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

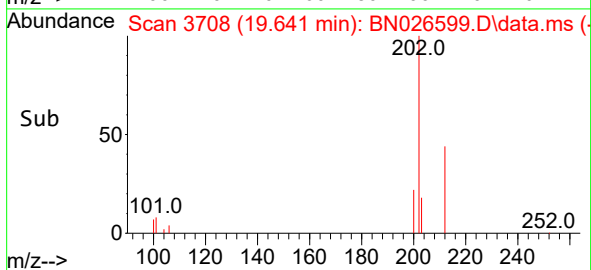
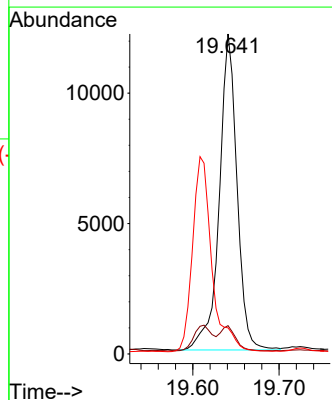
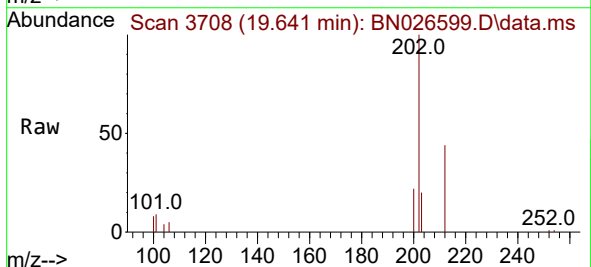
Instrument :
BNA_N
ClientSampleId :

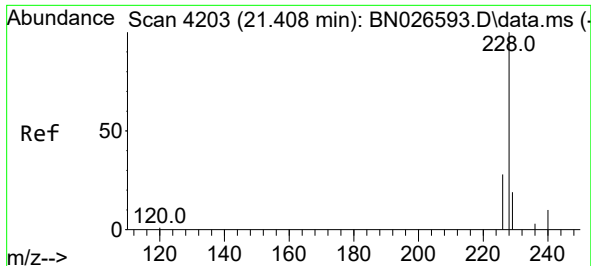
Tgt Ion:202 Resp: 23644
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.4
100 5.9 6.0 9.0#



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

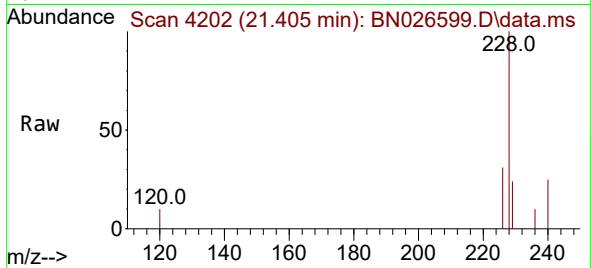
Tgt Ion:202 Resp: 17367
Ion Ratio Lower Upper
202 100
101 8.9 8.0 12.0
100 8.1 6.2 9.2



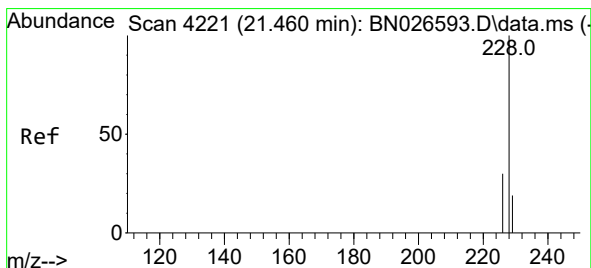
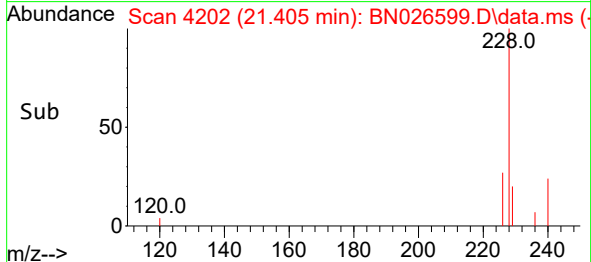
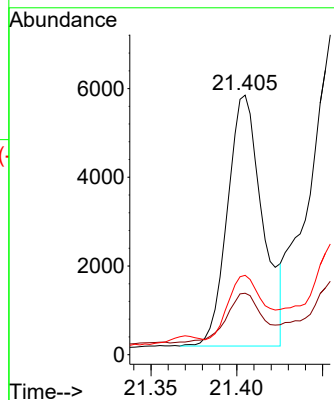


#21
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 21.405 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Instrument :
BNA_N
ClientSampleId :

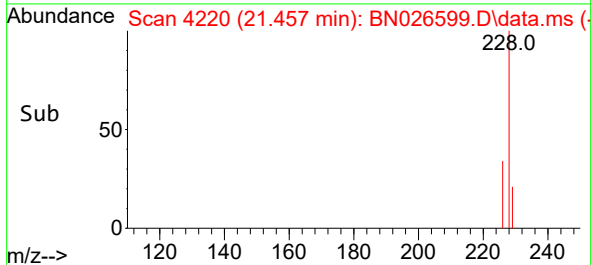
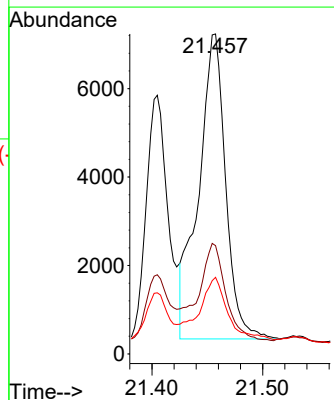
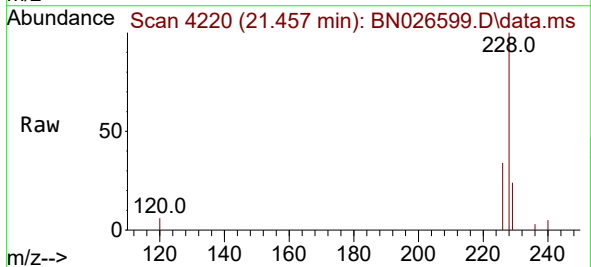


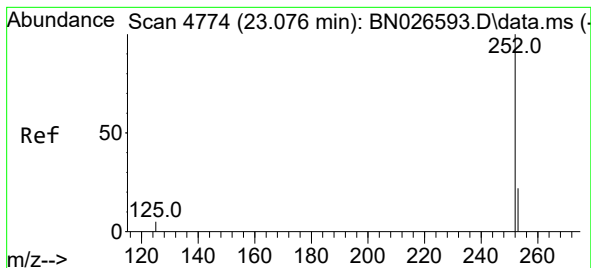
Tgt Ion:228 Resp: 8059
Ion Ratio Lower Upper
228 100
229 23.7 16.7 25.1
226 30.6 23.5 35.3



#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.457 min Scan# 4220
Delta R.T. -0.003 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Tgt Ion:228 Resp: 11765
Ion Ratio Lower Upper
228 100
226 33.9 25.2 37.8
229 23.9 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.664 ng/ul

RT: 23.074 min Scan# 41

Delta R.T. -0.003 min

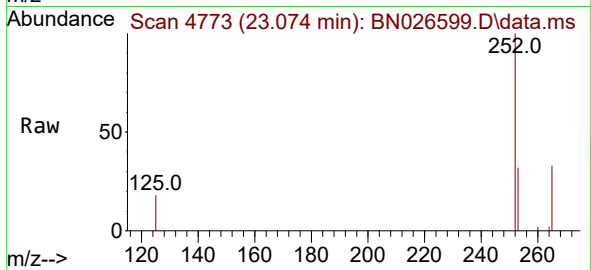
Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

Instrument :

BNA_N

ClientSampleId :



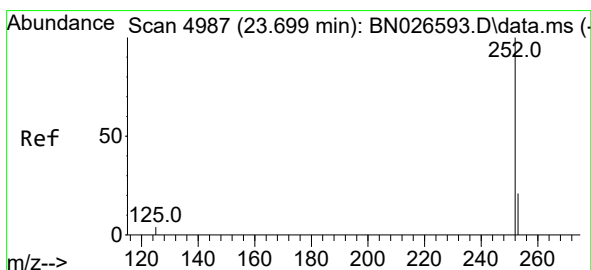
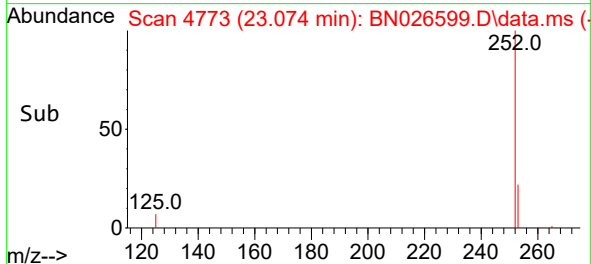
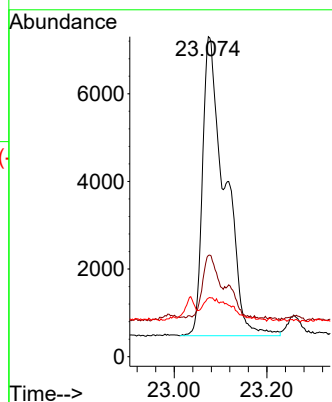
Tgt Ion:252 Resp: 22847

Ion Ratio Lower Upper

252 100

253 31.7 0.0 68.6

125 18.3 0.0 34.0



#26

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.685 min Scan# 4982

Delta R.T. -0.015 min

Lab File: BN026599.D

Acq: 20 Jul 2023 19:33

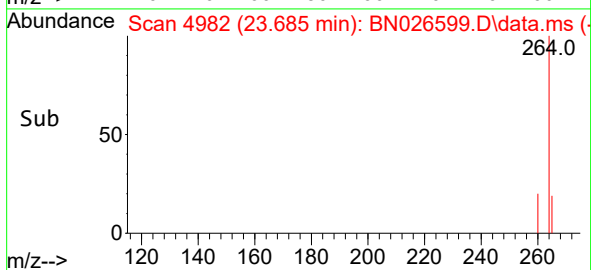
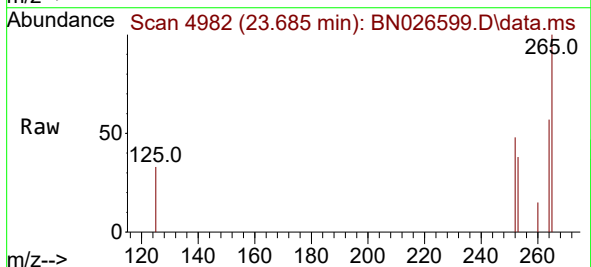
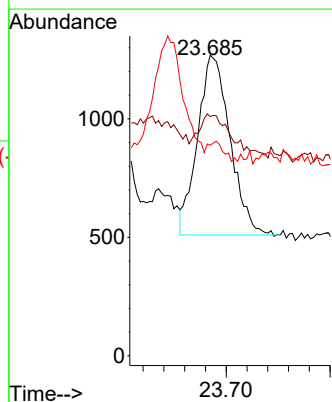
Tgt Ion:252 Resp: 1642

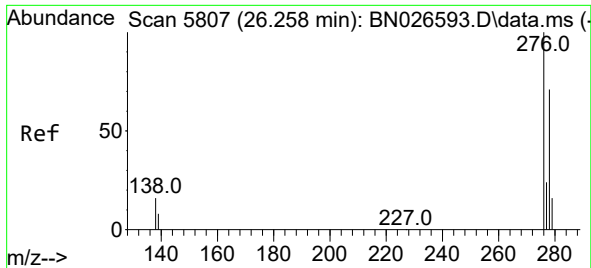
Ion Ratio Lower Upper

252 100

253 79.6 32.6 49.0#

125 70.1 19.3 28.9#

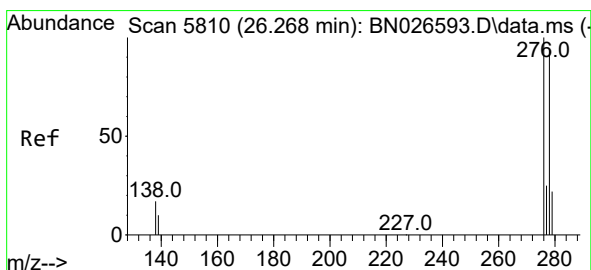
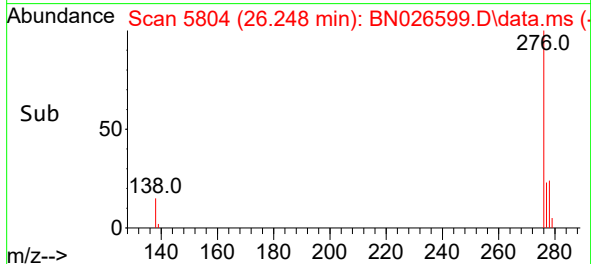
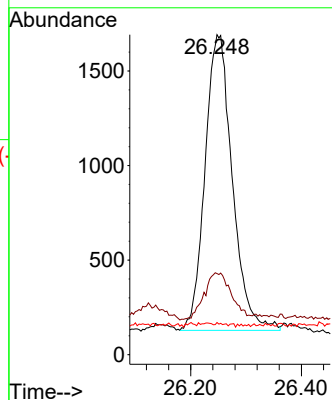
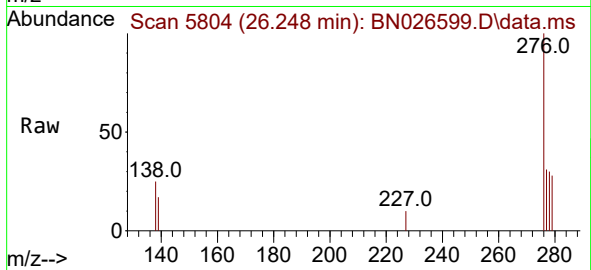




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.133 ng/ul
 RT: 26.248 min Scan# 5804
 Delta R.T. -0.010 min
 Lab File: BN026599.D
 Acq: 20 Jul 2023 19:33

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:276 Resp: 5354
 Ion Ratio Lower Upper
 276 100
 138 16.2 22.2 33.4#
 227 0.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.053 ng/ul
 RT: 26.258 min Scan# 5807
 Delta R.T. -0.010 min
 Lab File: BN026599.D
 Acq: 20 Jul 2023 19:33

Tgt Ion:278 Resp: 1631
 Ion Ratio Lower Upper
 278 100
 139 58.3 18.9 28.3#
 279 90.1 31.3 46.9#

