

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026801.D
 Acq On : 03 Aug 2023 11:33
 Operator : MA/JU
 Sample : SST0.119
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1237

Quant Time: Aug 04 03:38:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 15:46:03 2023
 Response via : Initial Calibration

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

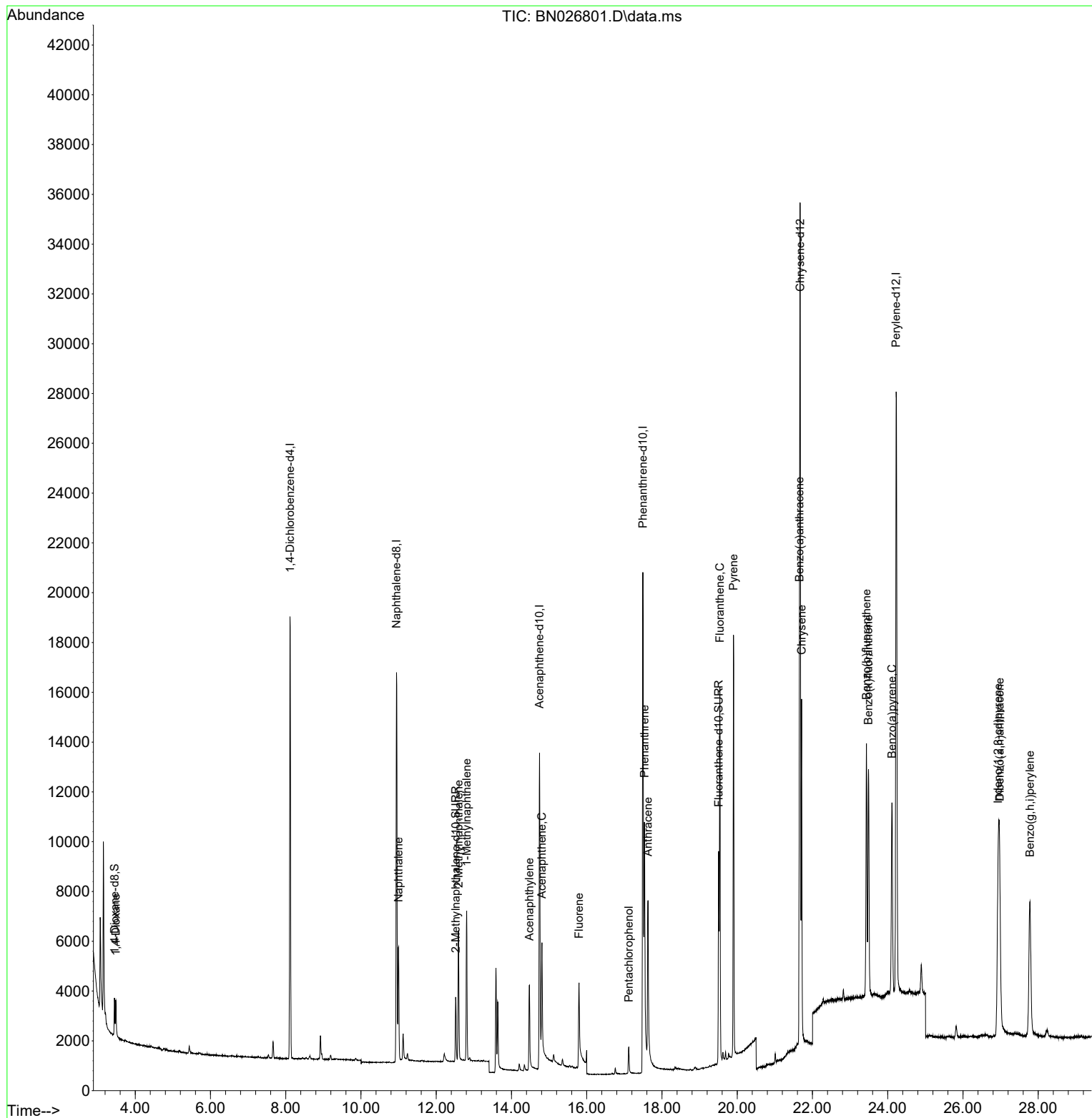
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	8936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	22660	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	8588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.493	188	29645	0.400	ng/ul	0.00
17) Chrysene-d12	21.673	240	31076	0.400	ng/ul	0.00
23) Perylene-d12	24.225	264	36270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	1126	0.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	3404	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	9744	0.099	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	1112	0.103	ng/ul#	78
5) Naphthalene	10.999	128	6534	0.102	ng/ul	96
7) 2-Methylnaphthalene	12.594	142	3909	0.101	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	4199	0.103	ng/ul	99
10) Acenaphthylene	14.476	152	5429	0.113	ng/ul	97
11) Acenaphthene	14.809	153	3546	0.106	ng/ul	98
12) Fluorene	15.795	166	3958	0.105	ng/ul#	97
14) Pentachlorophenol	17.117	266	835	0.100	ng/ul	99
15) Phenanthrene	17.535	178	10758	0.110	ng/ul	98
16) Anthracene	17.628	178	9352	0.106	ng/ul	97
19) Fluoranthene	19.538	202	13061	0.101	ng/ul	97
20) Pyrene	19.901	202	14764	0.107	ng/ul	99
21) Benzo(a)anthracene	21.653	228	12907	0.104	ng/ul	94
22) Chrysene	21.711	228	12728	0.104	ng/ul	94
24) Benzo(b)fluoranthene	23.436	252	13995	0.102	ng/ul	88
25) Benzo(k)fluoranthene	23.488	252	13642	0.101	ng/ul#	88
26) Benzo(a)pyrene	24.114	252	12556	0.101	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.934	276	16495	0.102	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.974	278	13037	0.101	ng/ul#	88
29) Benzo(g,h,i)perylene	27.779	276	13738	0.102	ng/ul	91

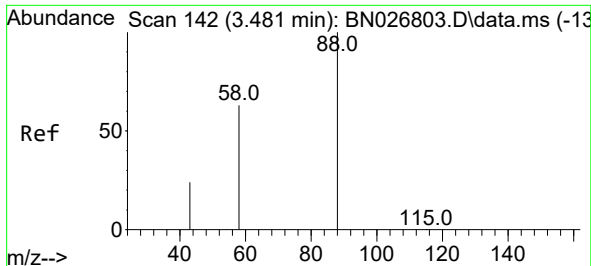
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
Data File : BN026801.D
Acq On : 03 Aug 2023 11:33
Operator : MA/JU
Sample : SST0.119
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

Quant Time: Aug 04 03:38:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 15:46:03 2023
Response via : Initial Calibration

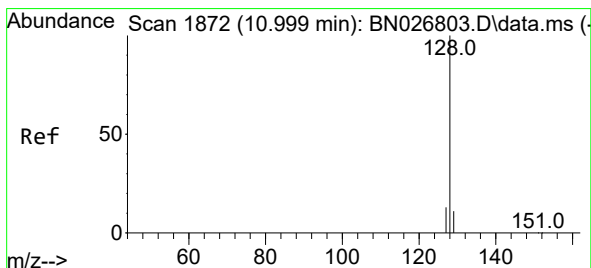
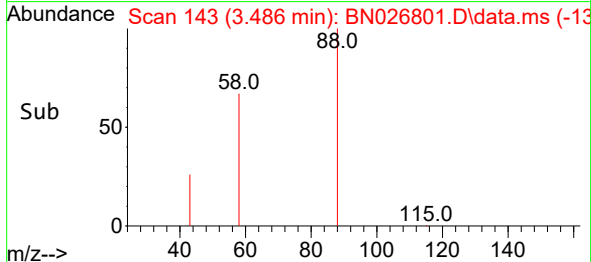
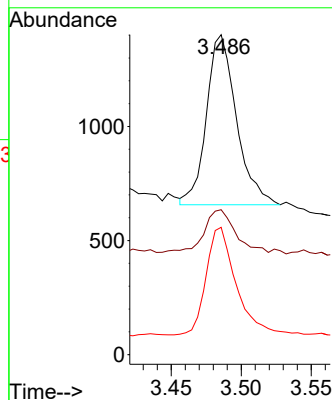
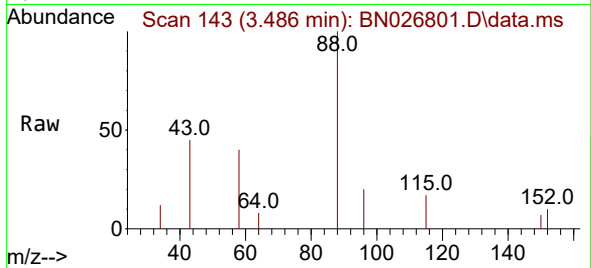




#2
1,4-Dioxane
Concen: 0.103 ng/ul
RT: 3.486 min Scan# 142
Delta R.T. 0.004 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

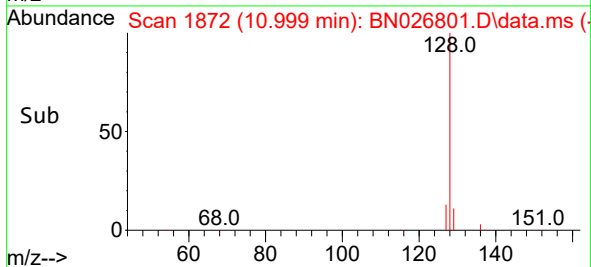
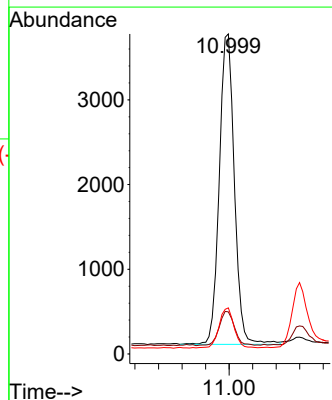
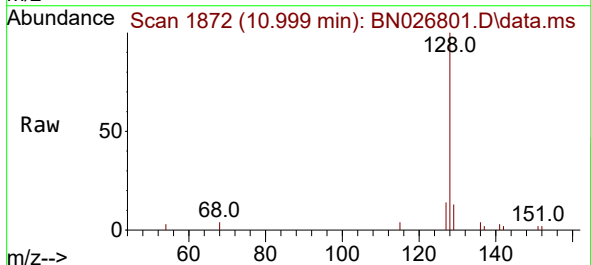
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

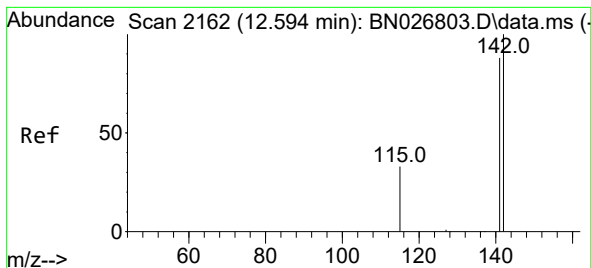
Tgt Ion: 88 Resp: 1112
Ion Ratio Lower Upper
88 100
43 45.3 28.0 42.0#
58 39.8 46.0 69.0#



#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Tgt Ion: 128 Resp: 6534
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.4 10.5 15.7

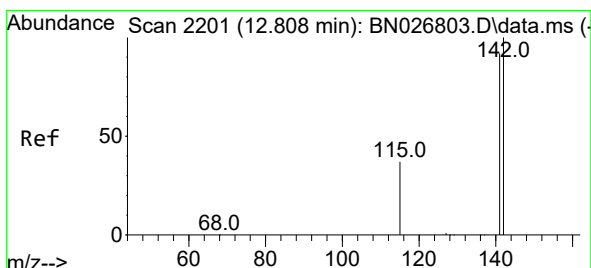
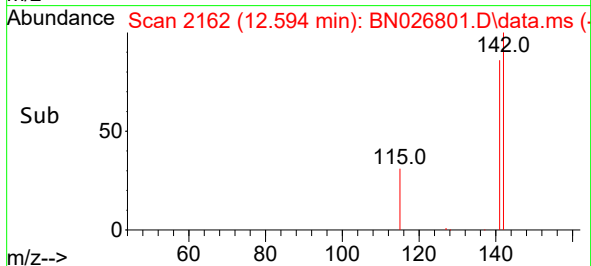
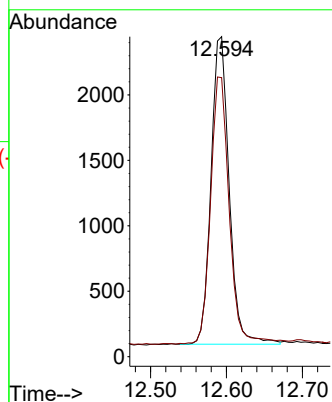
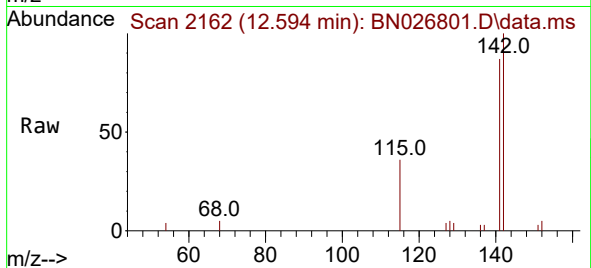




#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

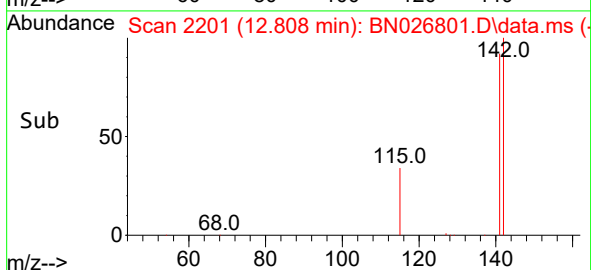
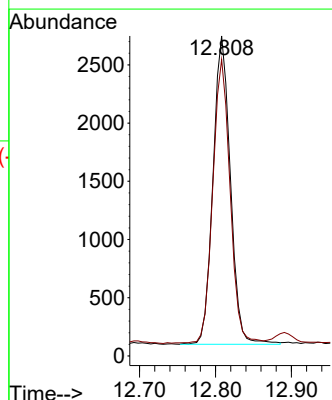
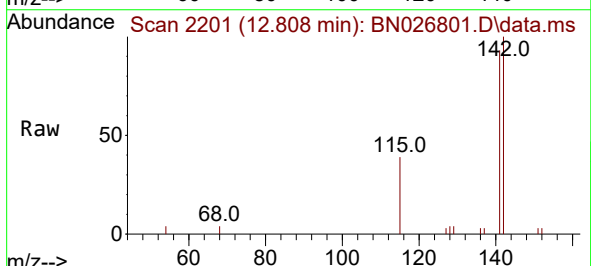
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

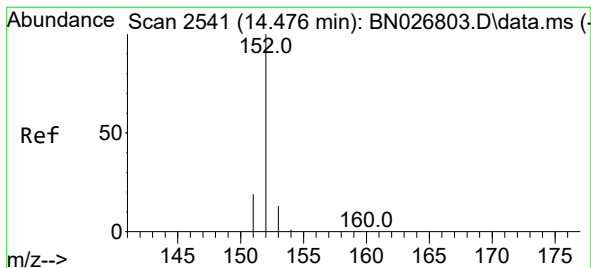
Tgt Ion:142 Resp: 3909
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Tgt Ion:142 Resp: 4199
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8





#10

Acenaphthylene

Concen: 0.113 ng/ul

RT: 14.476 min Scan# 2541

Delta R.T. 0.000 min

Lab File: BN026801.D

Acq: 03 Aug 2023 11:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

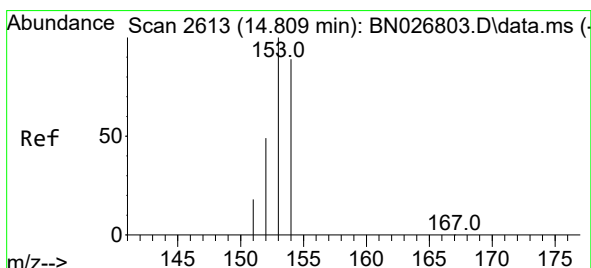
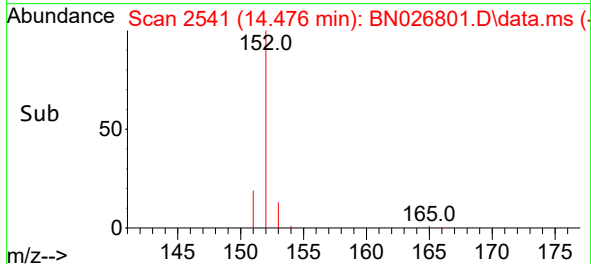
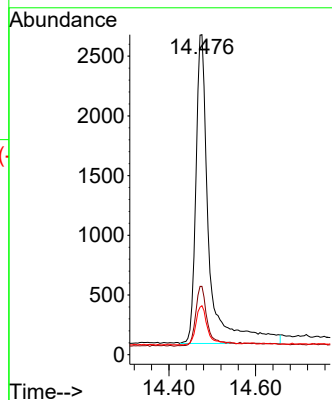
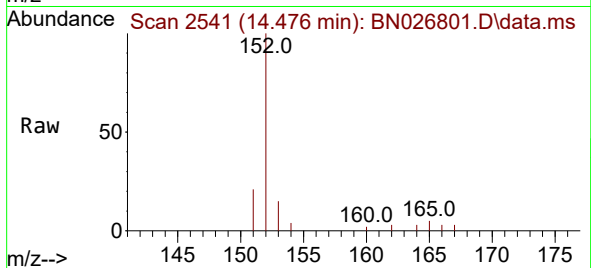
Tgt Ion:152 Resp: 5429

Ion Ratio Lower Upper

152 100

151 21.4 15.9 23.9

153 15.3 11.0 16.6



#11

Acenaphthene

Concen: 0.106 ng/ul

RT: 14.809 min Scan# 2613

Delta R.T. 0.000 min

Lab File: BN026801.D

Acq: 03 Aug 2023 11:33

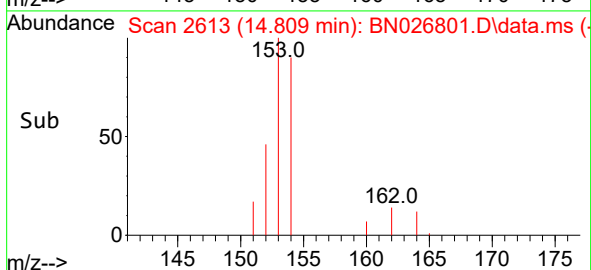
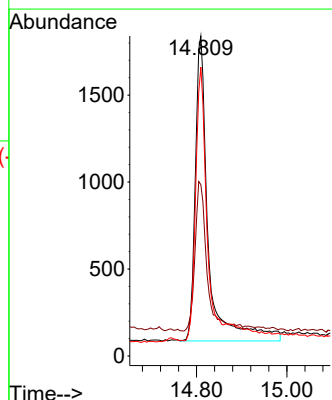
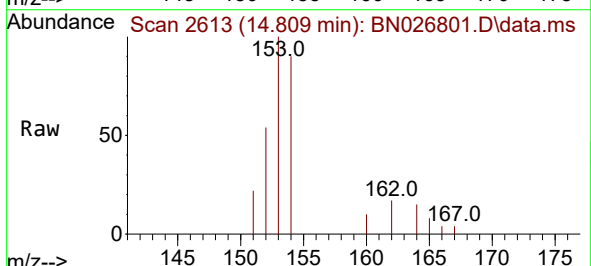
Tgt Ion:153 Resp: 3546

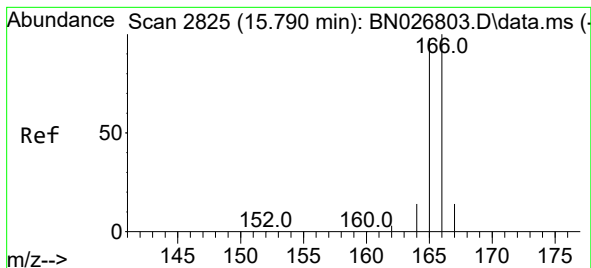
Ion Ratio Lower Upper

153 100

152 53.5 41.1 61.7

154 90.3 71.6 107.4





#12

Fluorene

Concen: 0.105 ng/ul

RT: 15.795 min Scan# 2825

Delta R.T. 0.005 min

Lab File: BN026801.D

Acq: 03 Aug 2023 11:33

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

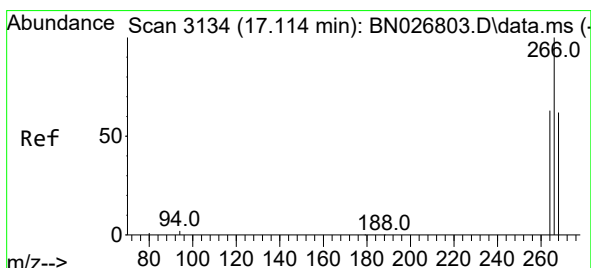
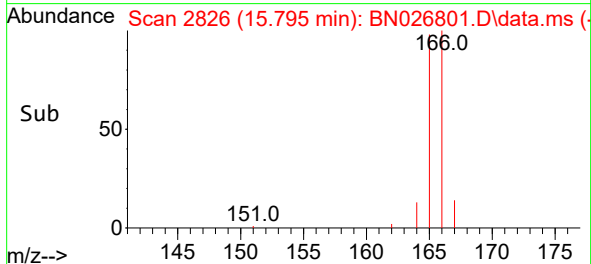
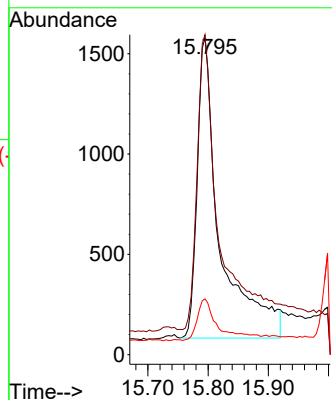
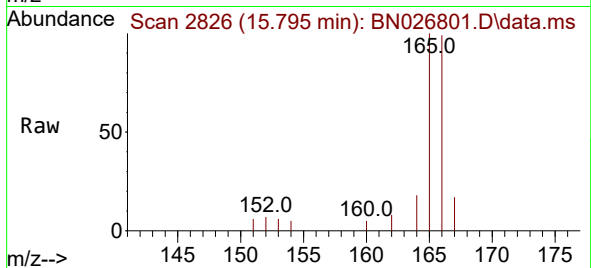
Tgt Ion:166 Resp: 3958

Ion Ratio Lower Upper

166 100

165 100.9 79.1 118.7

167 17.6 11.4 17.0#



#14

Pentachlorophenol

Concen: 0.100 ng/ul

RT: 17.117 min Scan# 3135

Delta R.T. 0.004 min

Lab File: BN026801.D

Acq: 03 Aug 2023 11:33

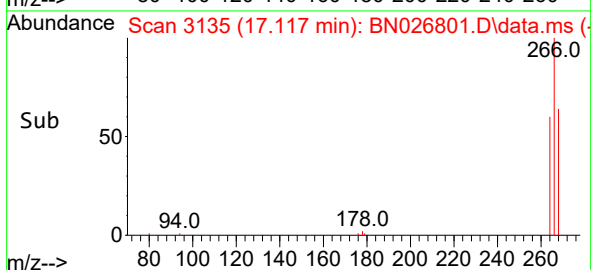
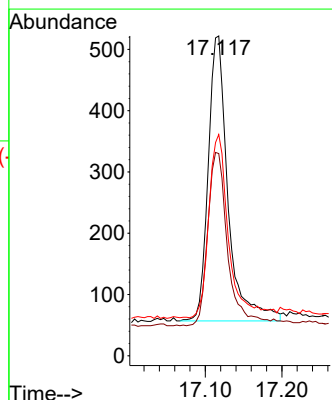
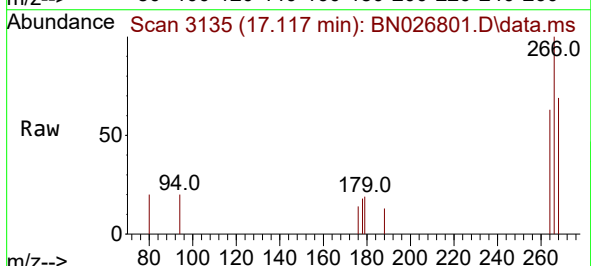
Tgt Ion:266 Resp: 835

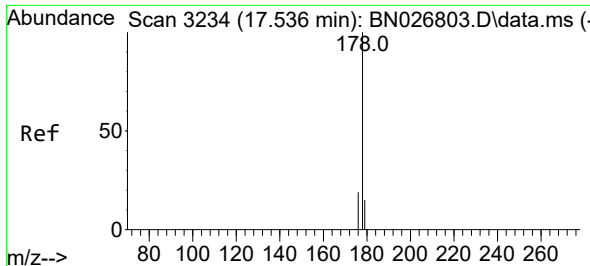
Ion Ratio Lower Upper

266 100

264 61.8 50.4 75.6

268 65.0 51.2 76.8

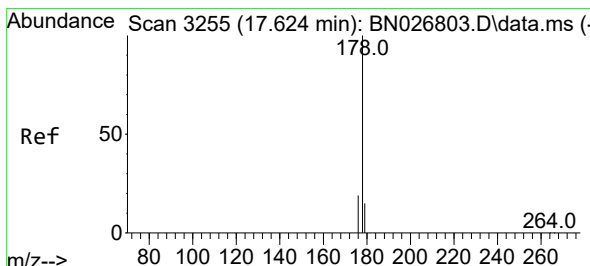
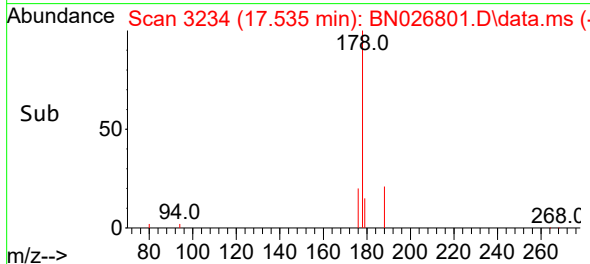
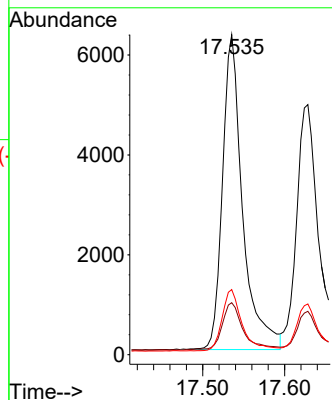
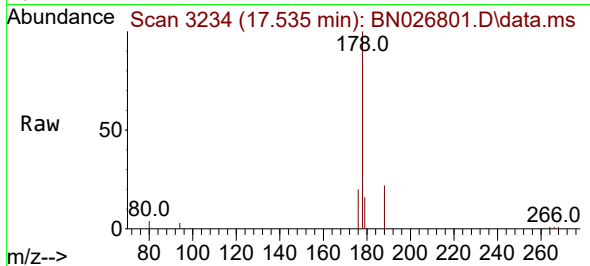




#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.535 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

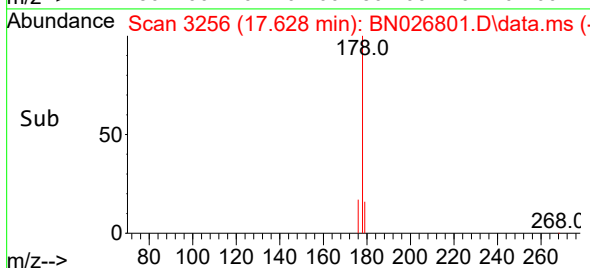
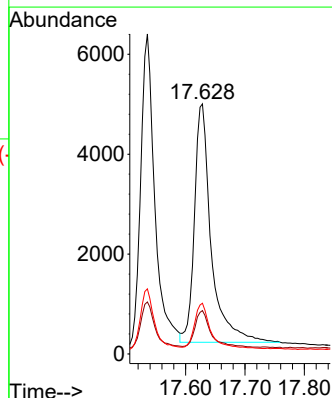
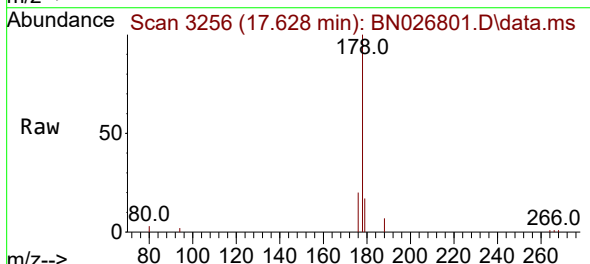
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

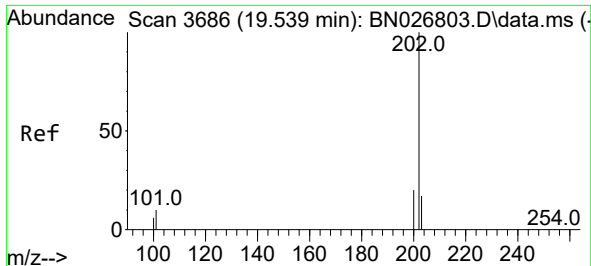
Tgt Ion:178 Resp: 10758
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 20.4 15.4 23.2



#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.628 min Scan# 3256
Delta R.T. 0.004 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Tgt Ion:178 Resp: 9352
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 20.3 15.0 22.6

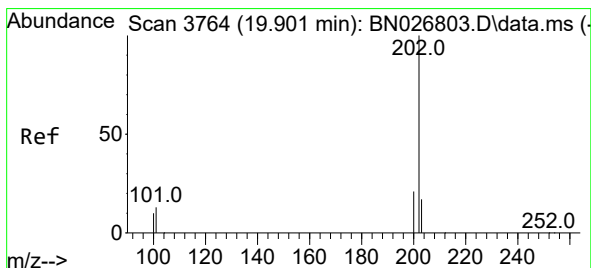
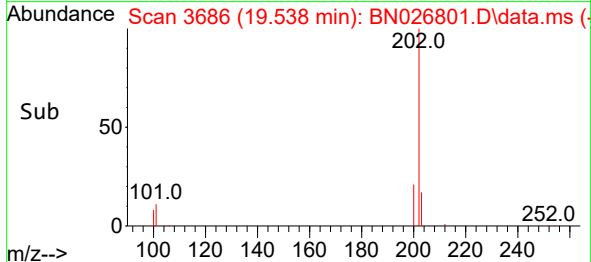
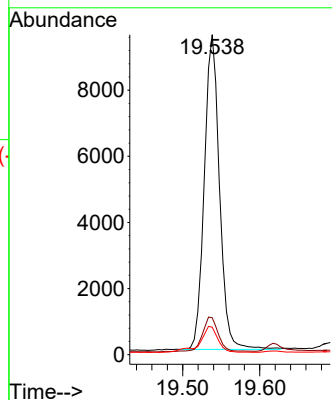
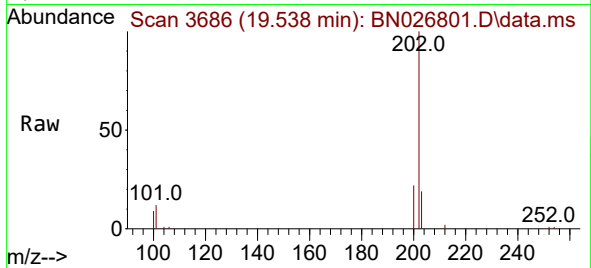




#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.538 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

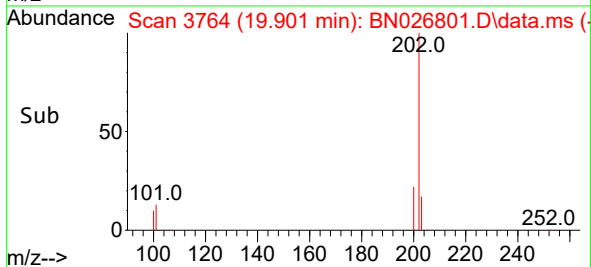
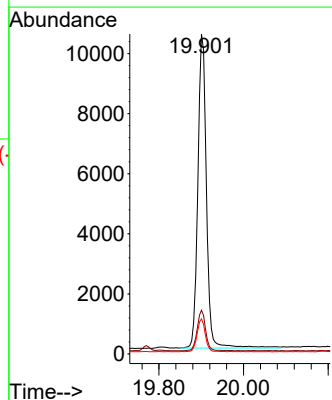
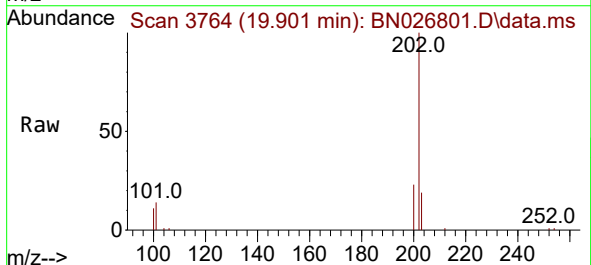
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

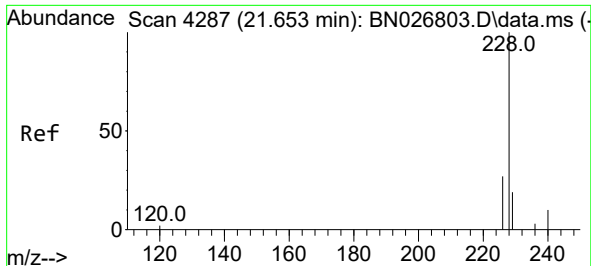
Tgt Ion:202 Resp: 13061
Ion Ratio Lower Upper
202 100
101 11.5 8.3 12.5
100 8.6 6.2 9.2



#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

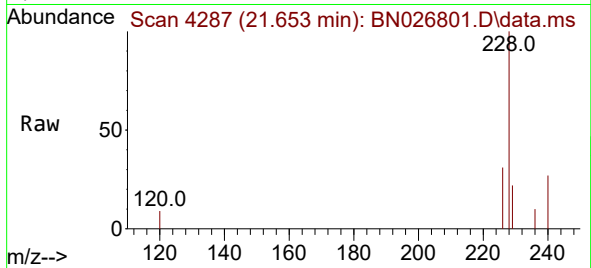
Tgt Ion:202 Resp: 14764
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.9 8.5 12.7



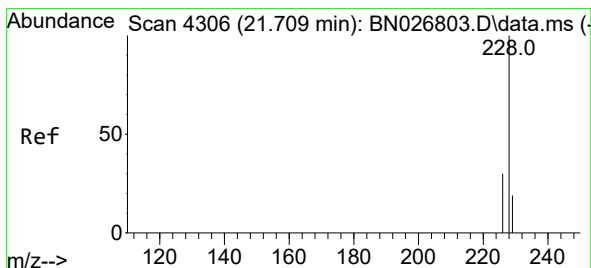
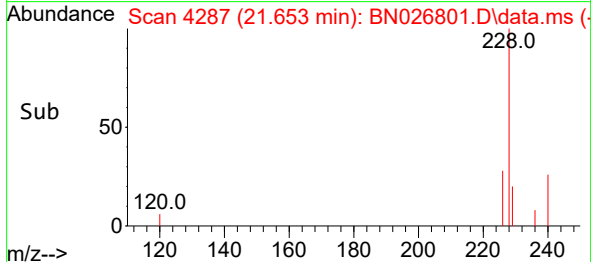
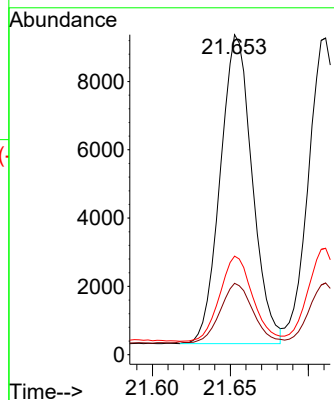


#21
Benzo(a)anthracene
Concen: 0.104 ng/ul
RT: 21.653 min Scan# 4307
Delta R.T. -0.000 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

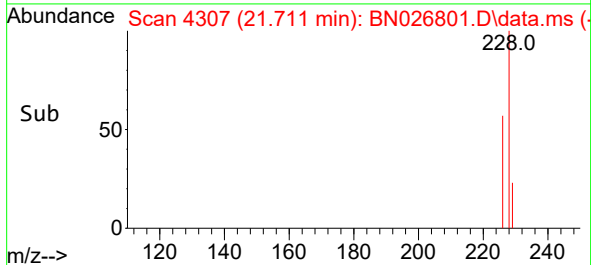
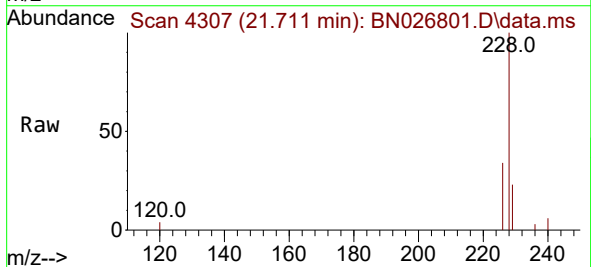
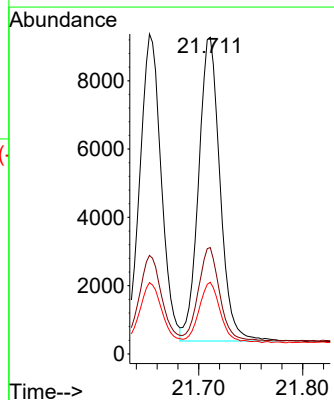


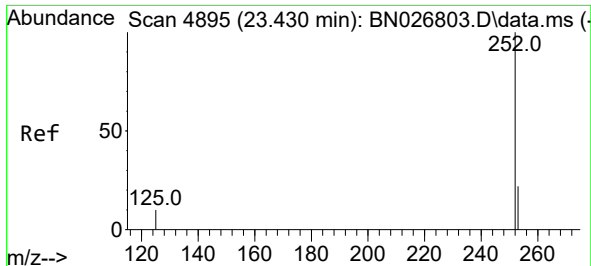
Tgt Ion:228 Resp: 12907
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 30.8 22.2 33.2



#22
Chrysene
Concen: 0.104 ng/ul
RT: 21.711 min Scan# 4307
Delta R.T. 0.003 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

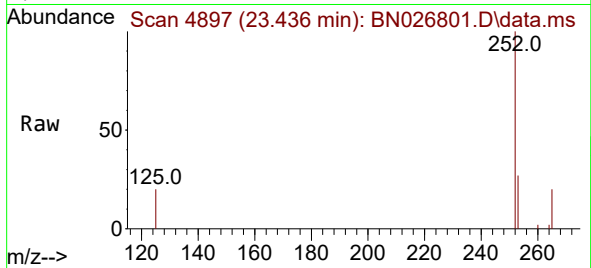
Tgt Ion:228 Resp: 12728
Ion Ratio Lower Upper
228 100
226 33.6 24.6 36.8
229 22.7 15.8 23.6



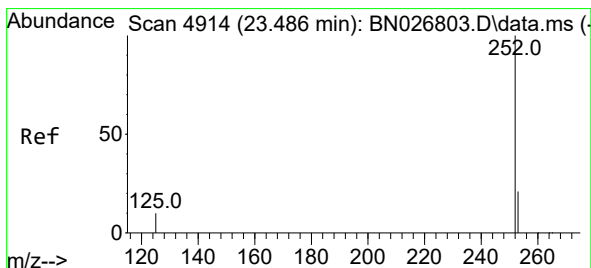
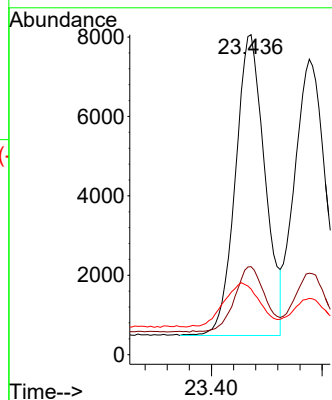


#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul
RT: 23.436 min Scan# 4895
Delta R.T. 0.005 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

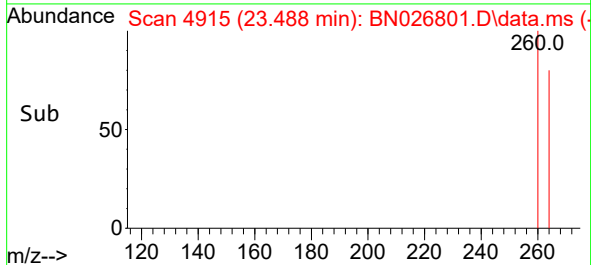
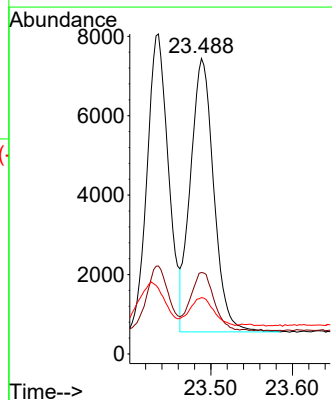
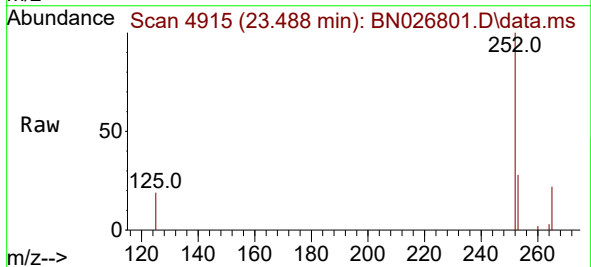


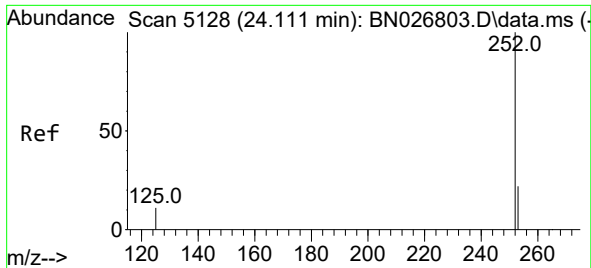
Tgt Ion:252 Resp: 13995
Ion Ratio Lower Upper
252 100
253 27.5 0.0 46.8
125 20.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.101 ng/ul
RT: 23.488 min Scan# 4915
Delta R.T. 0.003 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

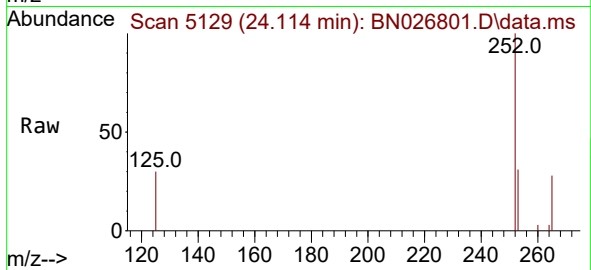
Tgt Ion:252 Resp: 13642
Ion Ratio Lower Upper
252 100
253 27.6 18.2 27.4#
125 19.0 9.9 14.9#



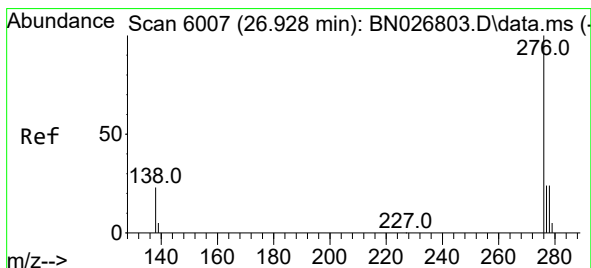
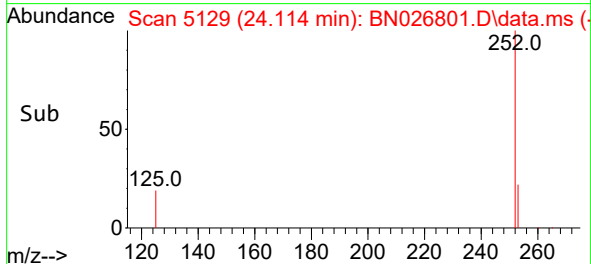
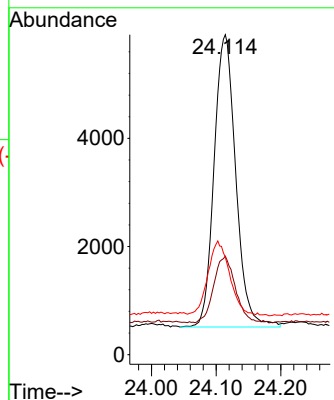


#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 24.114 min Scan# 5128
Delta R.T. 0.003 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

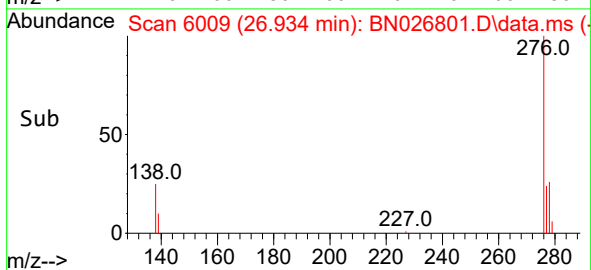
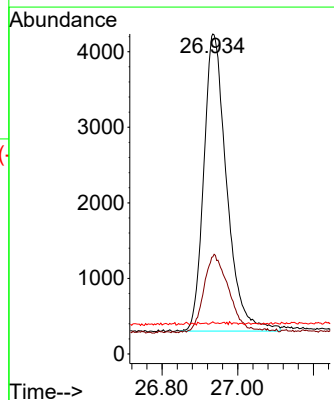
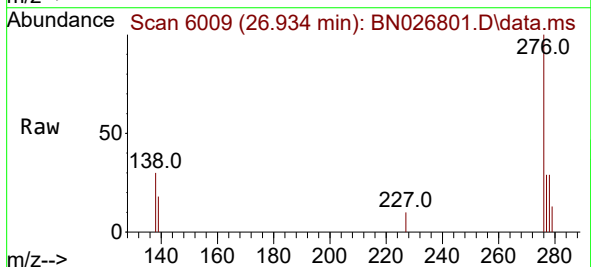


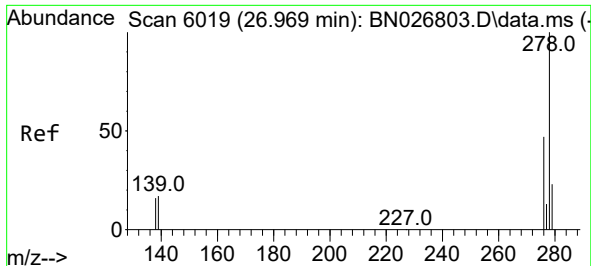
Tgt Ion:252 Resp: 12556
Ion Ratio Lower Upper
252 100
253 30.8 19.0 28.6#
125 30.5 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.934 min Scan# 6009
Delta R.T. 0.006 min
Lab File: BN026801.D
Acq: 03 Aug 2023 11:33

Tgt Ion:276 Resp: 16495
Ion Ratio Lower Upper
276 100
138 28.3 21.6 32.4
227 0.3 0.0 0.0#

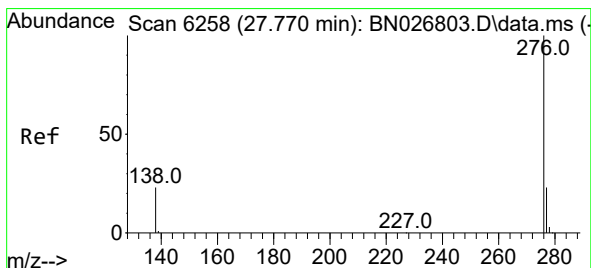
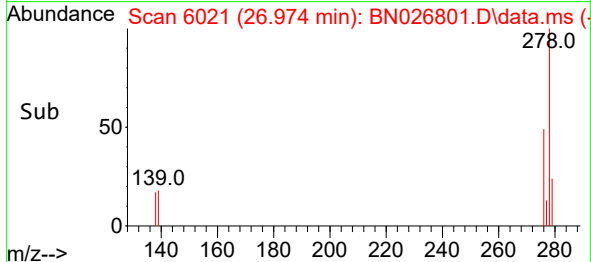
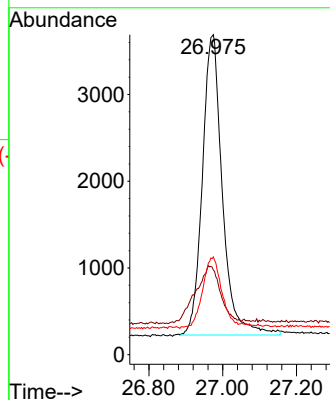
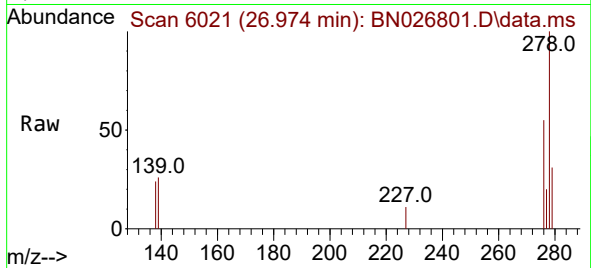




#28
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng/ul
 RT: 26.974 min Scan# 6019
 Delta R.T. 0.006 min
 Lab File: BN026801.D
 Acq: 03 Aug 2023 11:33

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1237

Tgt Ion:278 Resp: 13037
 Ion Ratio Lower Upper
 278 100
 139 26.5 15.7 23.5#
 279 30.6 20.2 30.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.102 ng/ul
 RT: 27.779 min Scan# 6261
 Delta R.T. 0.009 min
 Lab File: BN026801.D
 Acq: 03 Aug 2023 11:33

Tgt Ion:276 Resp: 13738
 Ion Ratio Lower Upper
 276 100
 138 28.9 19.3 28.9
 277 29.4 19.8 29.8

