

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026986.D
 Acq On : 21 Aug 2023 09:07
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4393

Quant Time: Aug 22 01:37:42 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 : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

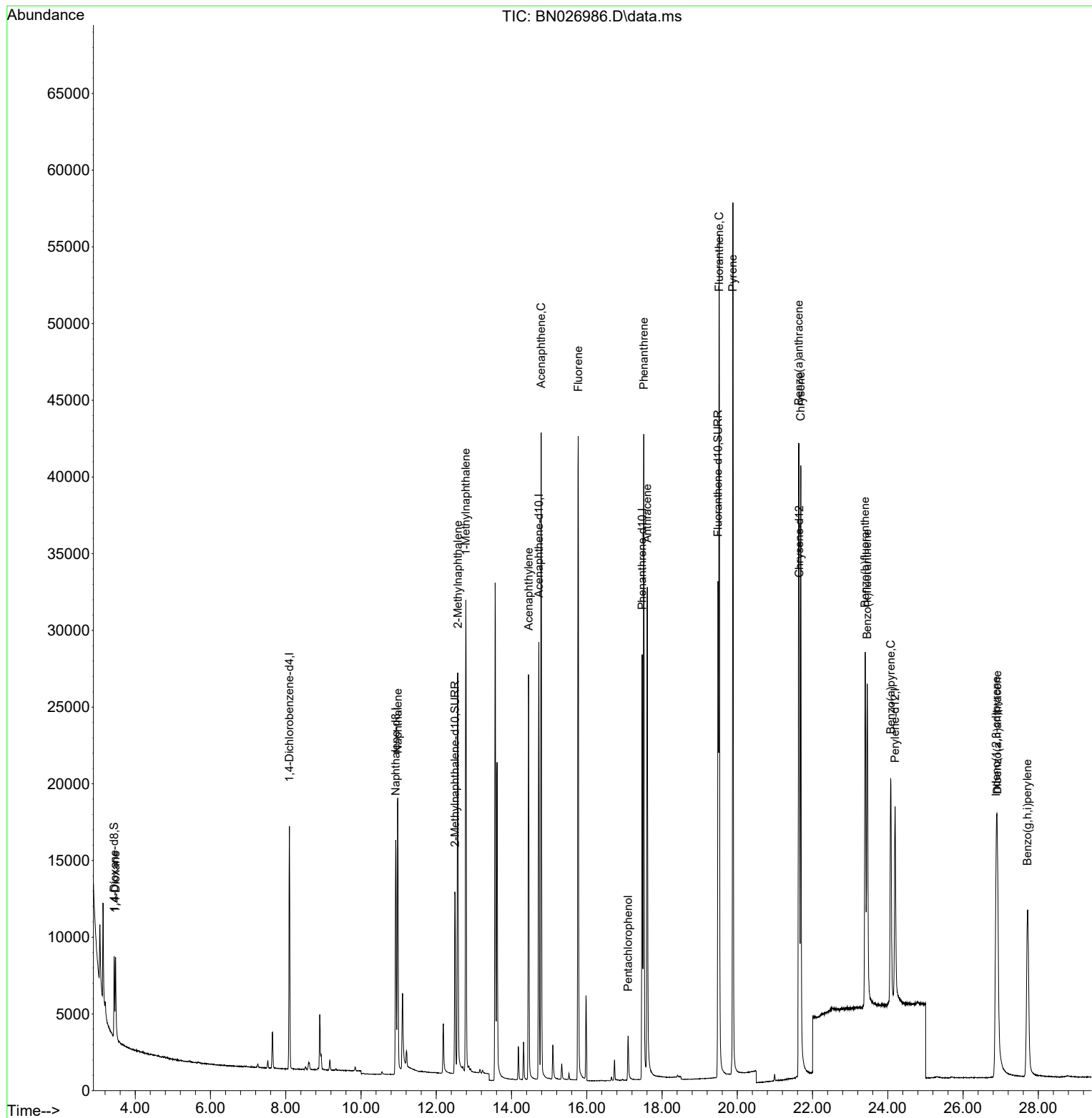
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	22837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	16102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	35379	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	23727	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	20070	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3820	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	16800	0.500	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	37871	0.505	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	3929	0.402	ng/ul#	79
5) Naphthalene	10.977	128	26188	0.406	ng/ul	99
7) 2-Methylnaphthalene	12.572	142	19815	0.507	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	21247	0.519	ng/ul	99
10) Acenaphthylene	14.453	152	30830	0.342	ng/ul	99
11) Acenaphthene	14.786	153	24694	0.396	ng/ul	99
12) Fluorene	15.772	166	28096	0.398	ng/ul	97
14) Pentachlorophenol	17.096	266	2358	0.236	ng/ul	100
15) Phenanthrene	17.514	178	46003	0.396	ng/ul	100
16) Anthracene	17.607	178	38484	0.366	ng/ul	100
19) Fluoranthene	19.520	202	49717	0.504	ng/ul	99
20) Pyrene	19.882	202	50442	0.480	ng/ul	100
21) Benzo(a)anthracene	21.632	228	36815	0.390	ng/ul	100
22) Chrysene	21.685	228	38925	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	34903	0.460	ng/ul	97
25) Benzo(k)fluoranthene	23.453	252	34773	0.464	ng/ul#	96
26) Benzo(a)pyrene	24.076	252	28077	0.410	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.881	276	33999	0.379	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.911	278	26688	0.374	ng/ul	97
29) Benzo(g,h,i)perylene	27.712	276	29925	0.401	ng/ul	99

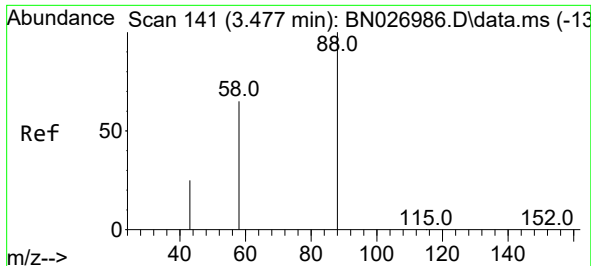
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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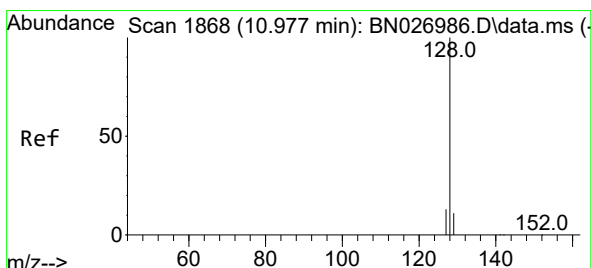
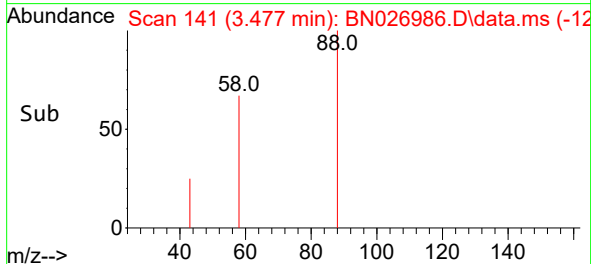
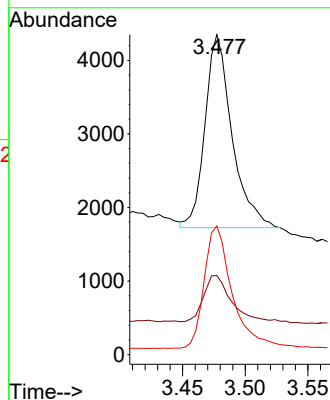
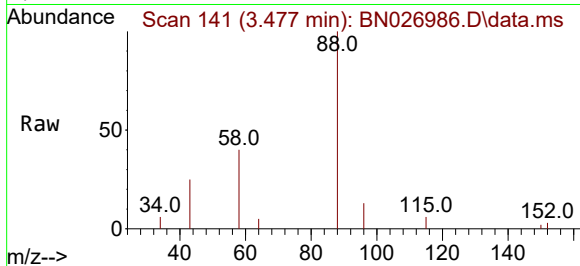




#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.000 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

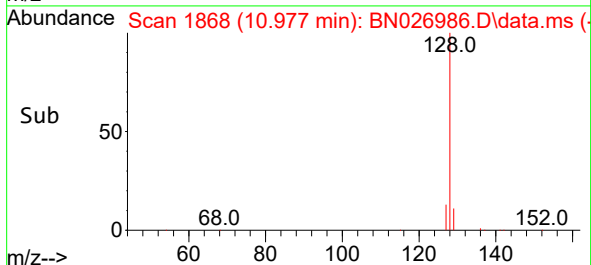
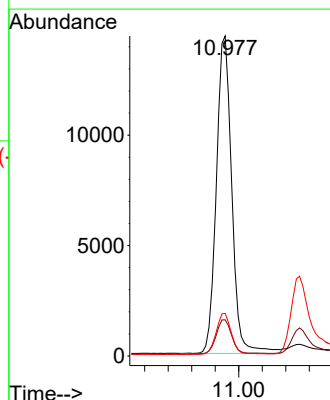
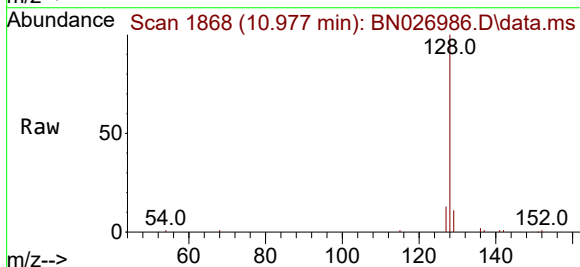
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

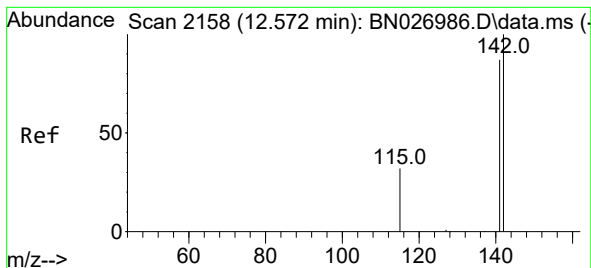
Tgt Ion: 88 Resp: 3929
Ion Ratio Lower Upper
88 100
43 24.7 28.0 42.0#
58 40.3 46.0 69.0#



#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion: 128 Resp: 26188
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.5 15.7

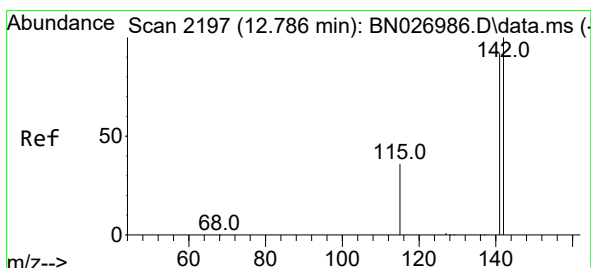
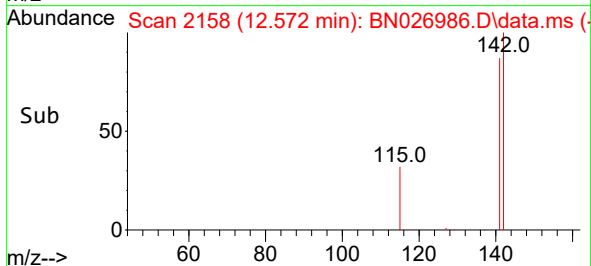
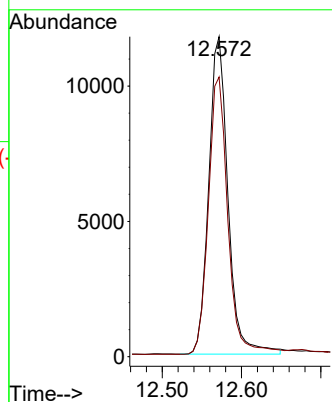
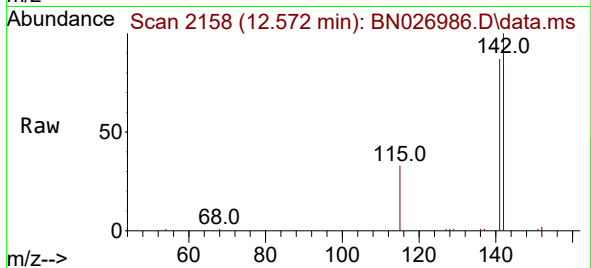




#7
2-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

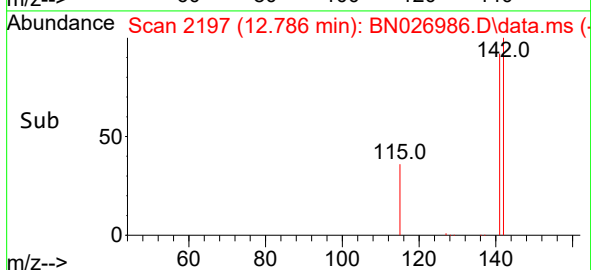
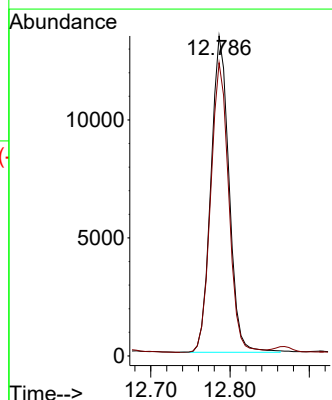
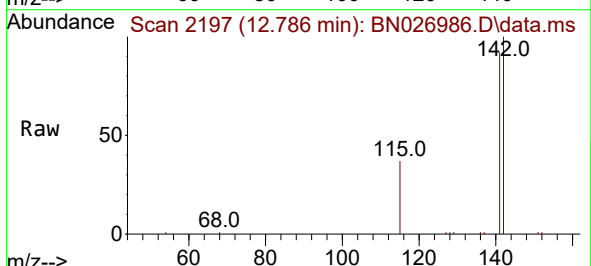
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

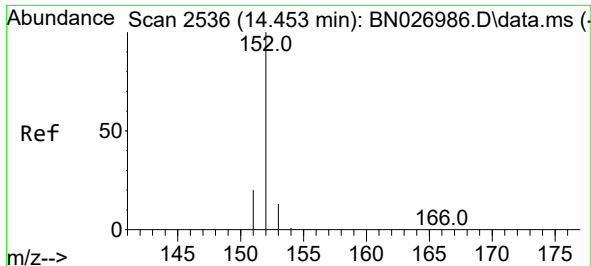
Tgt Ion:142 Resp: 19815
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.519 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:142 Resp: 21247
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8

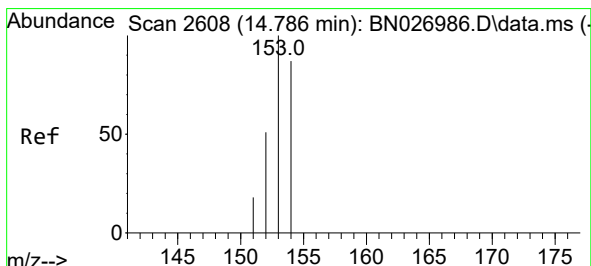
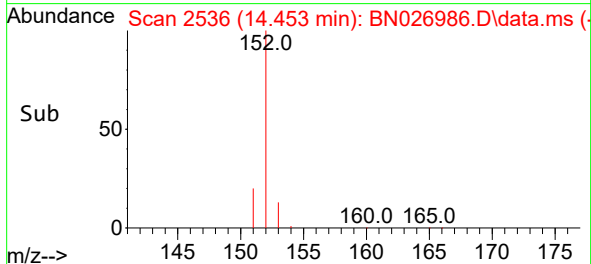
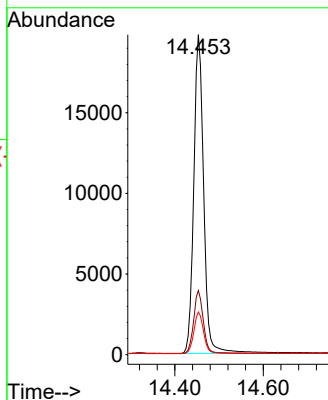
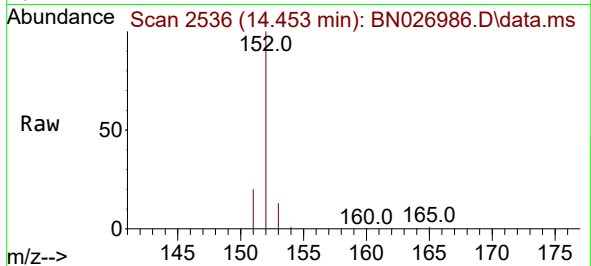




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.453 min Scan# 2536
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

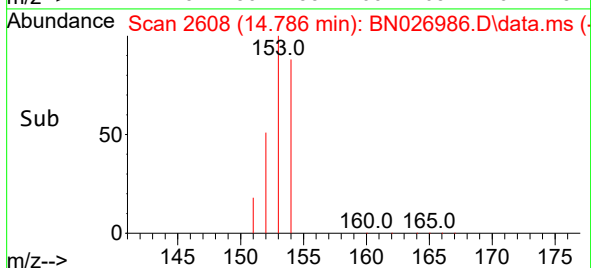
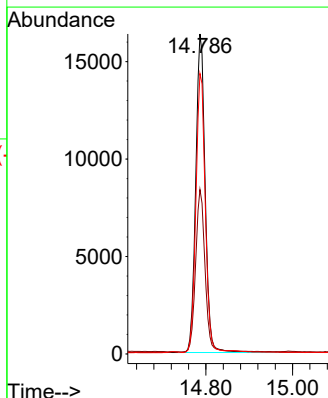
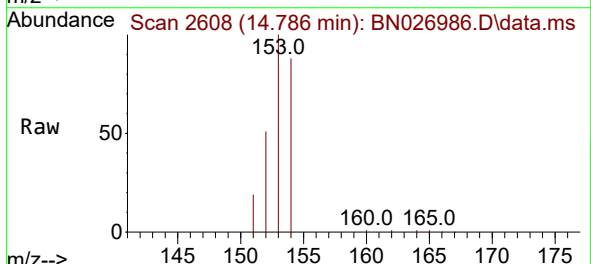
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

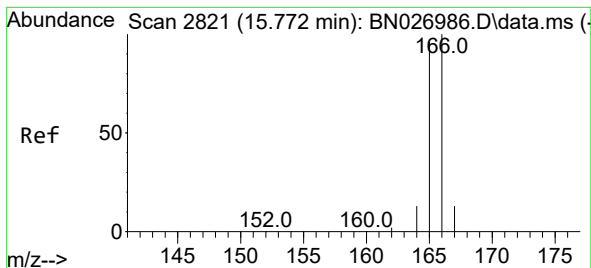
Tgt Ion:152 Resp: 30830
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.786 min Scan# 2608
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:153 Resp: 24694
Ion Ratio Lower Upper
153 100
152 51.4 41.1 61.7
154 87.6 71.6 107.4





#12

Fluorene

Concen: 0.398 ng/ul

RT: 15.772 min Scan# 2821

Delta R.T. 0.000 min

Lab File: BN026986.D

Acq: 21 Aug 2023 09:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.4393

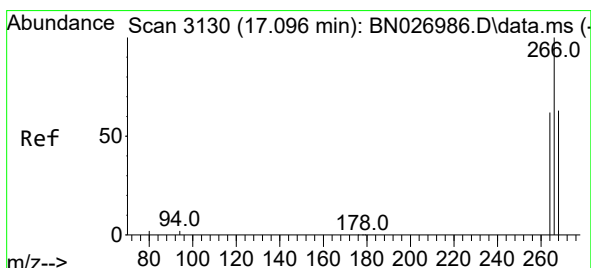
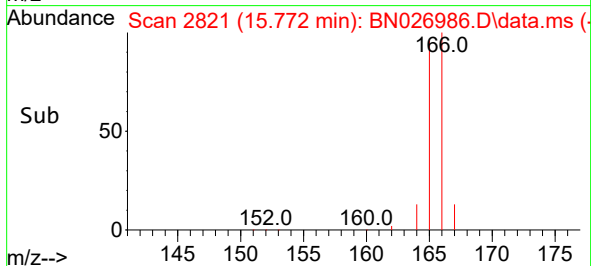
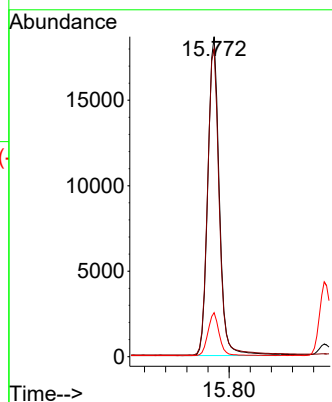
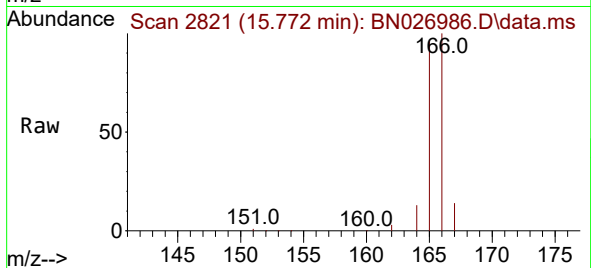
Tgt Ion:166 Resp: 28096

Ion Ratio Lower Upper

166 100

165 96.2 79.1 118.7

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.236 ng/ul

RT: 17.096 min Scan# 3130

Delta R.T. -0.005 min

Lab File: BN026986.D

Acq: 21 Aug 2023 09:07

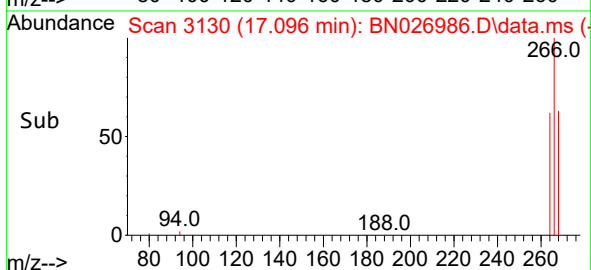
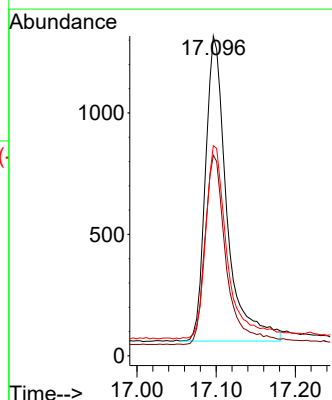
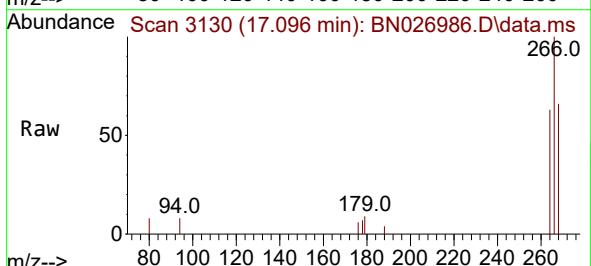
Tgt Ion:266 Resp: 2358

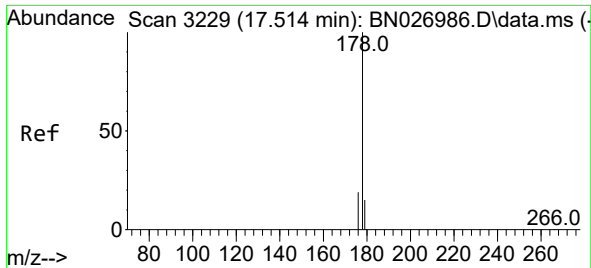
Ion Ratio Lower Upper

266 100

264 62.4 50.4 75.6

268 63.9 51.2 76.8

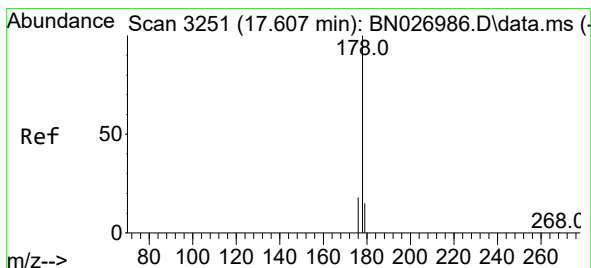
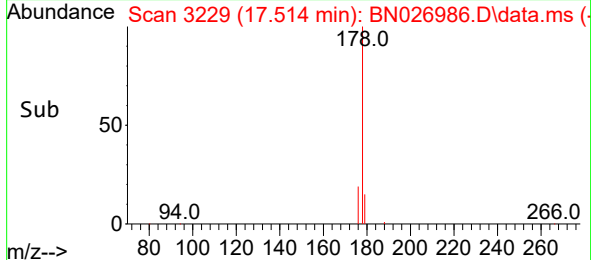
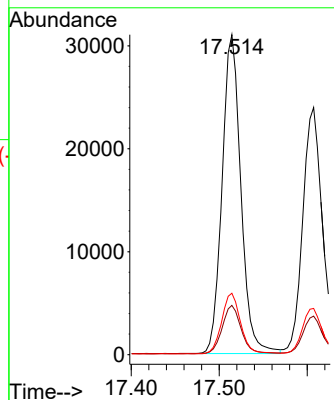
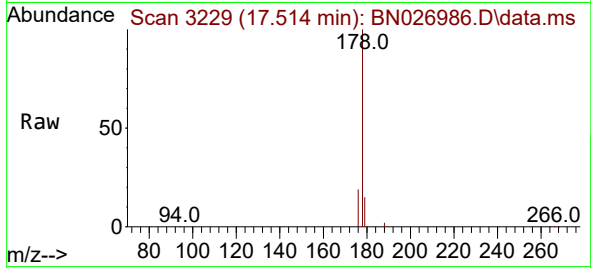




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.514 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

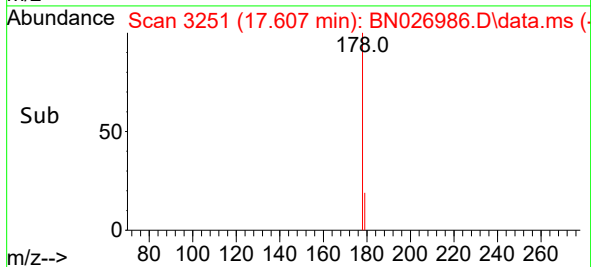
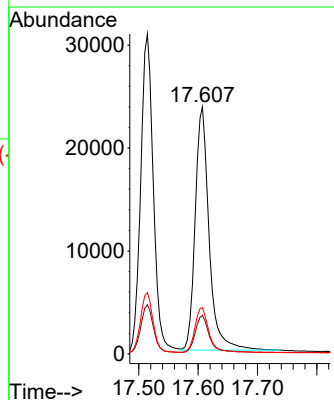
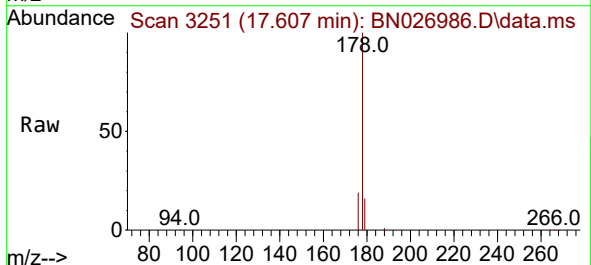
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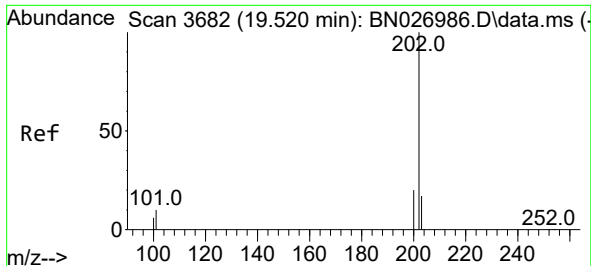
Tgt Ion:178 Resp: 46003
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:178 Resp: 38484
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.0 22.6

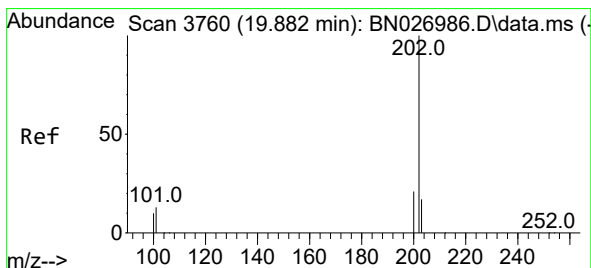
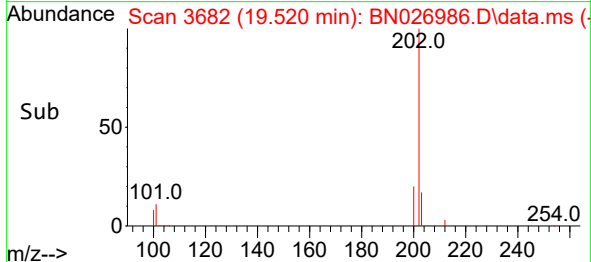
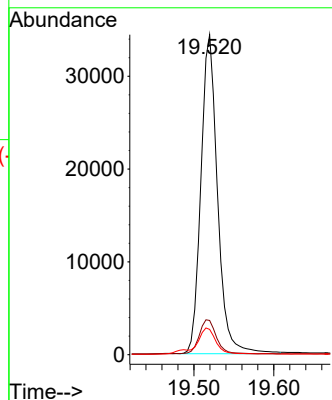
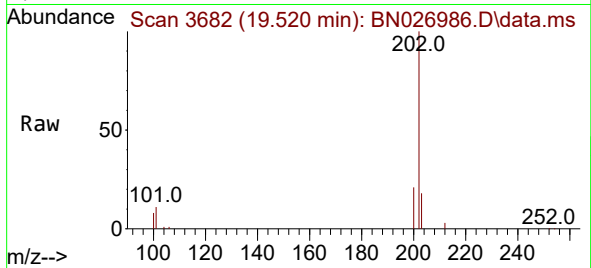




#19
Fluoranthene
Concen: 0.504 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

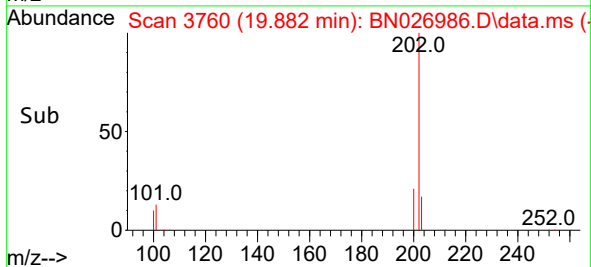
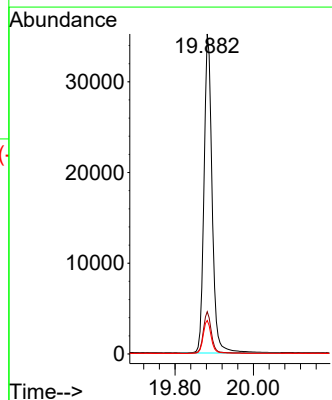
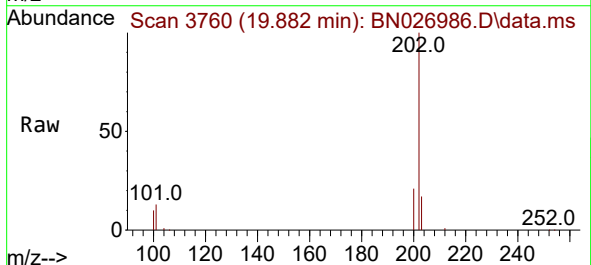
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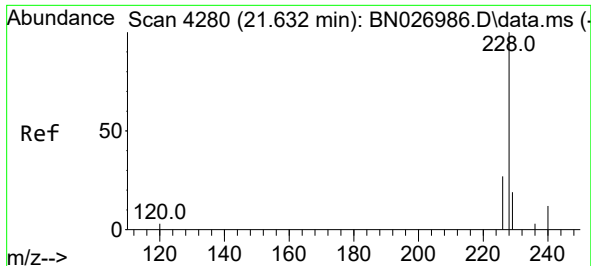
Tgt Ion:202 Resp: 49717
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 7.9 6.2 9.2



#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:202 Resp: 50442
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.5 8.5 12.7

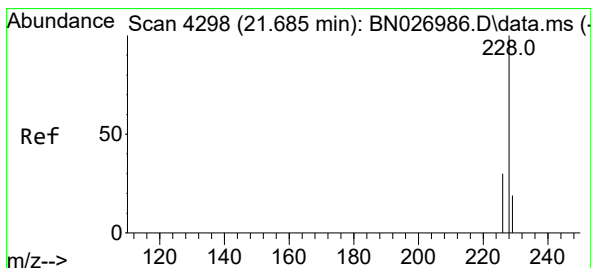
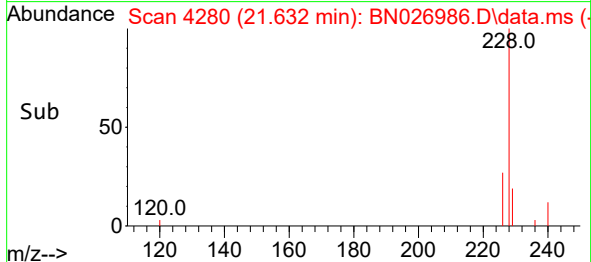
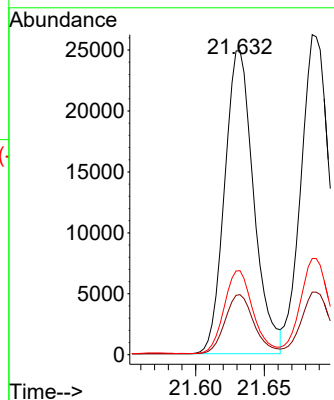
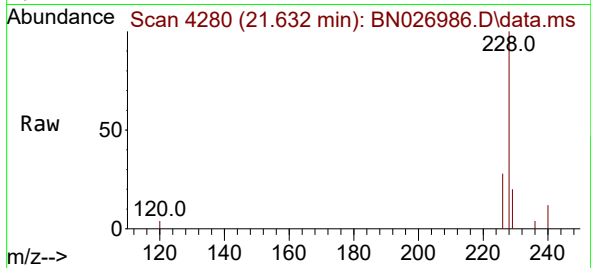




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.000 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

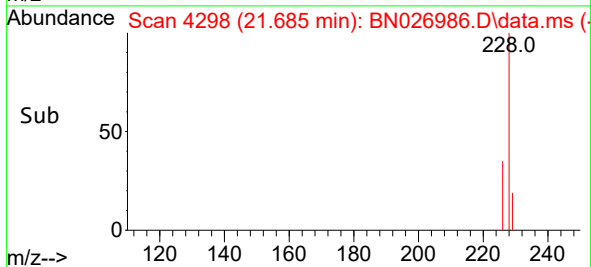
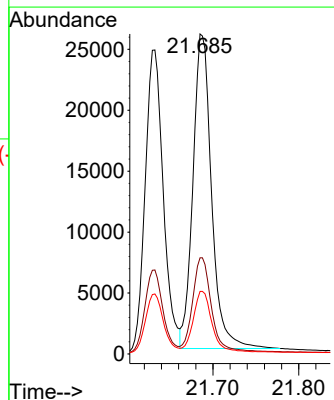
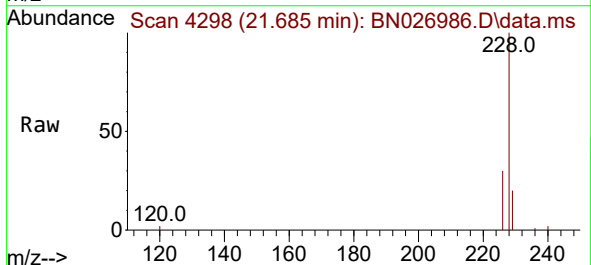
Instrument :
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SSTD0.4393

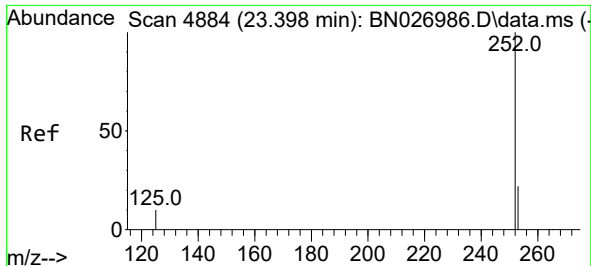
Tgt Ion:228 Resp: 36815
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:228 Resp: 38925
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 19.5 15.8 23.6

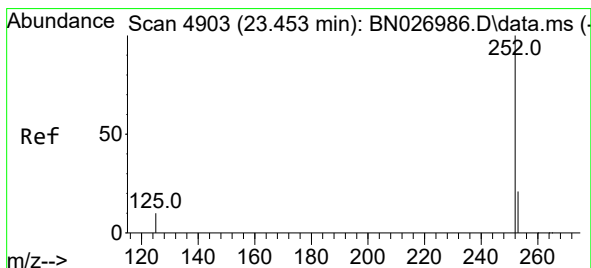
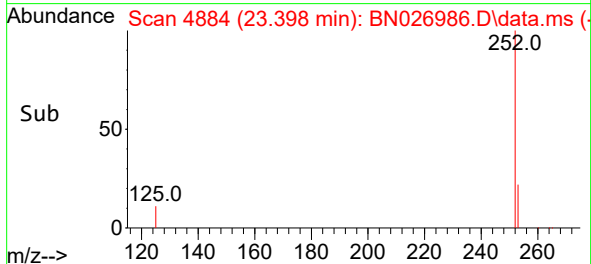
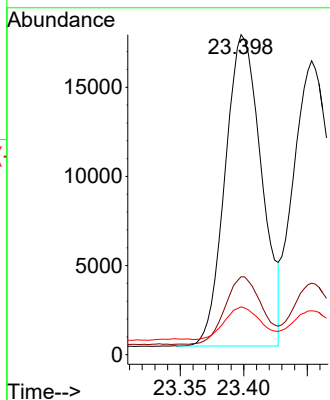
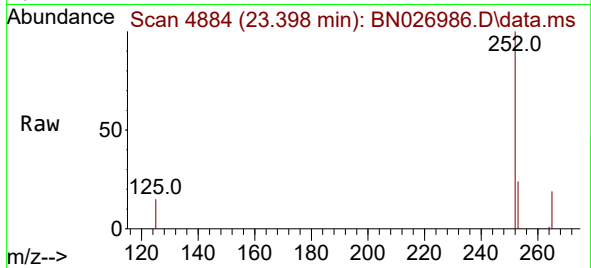




#24
Benzo(b)fluoranthene
Concen: 0.460 ng/ul
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

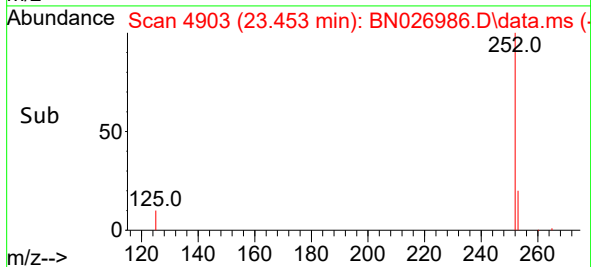
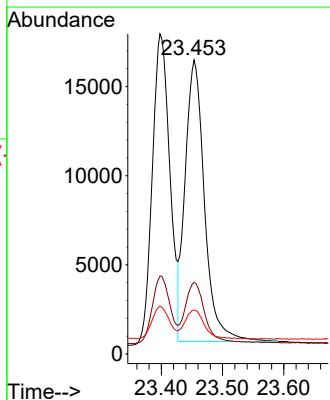
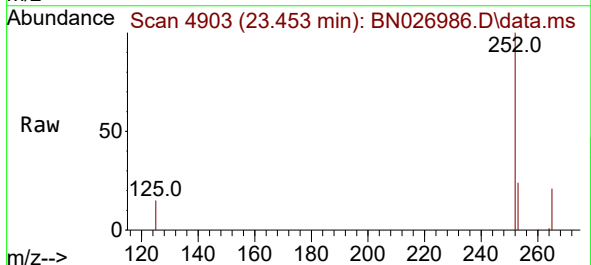
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

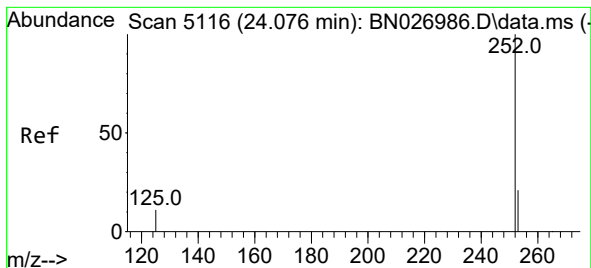
Tgt Ion:252 Resp: 34903
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.8
125 15.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.464 ng/ul
RT: 23.453 min Scan# 4903
Delta R.T. -0.006 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:252 Resp: 34773
Ion Ratio Lower Upper
252 100
253 24.4 18.2 27.4
125 14.9 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 24.076 min Scan# 5116

Delta R.T. -0.009 min

Lab File: BN026986.D

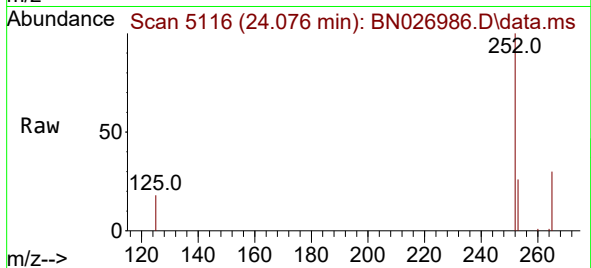
Acq: 21 Aug 2023 09:07

Instrument :

BNA_N

ClientSampleId :

SSTD0.4393



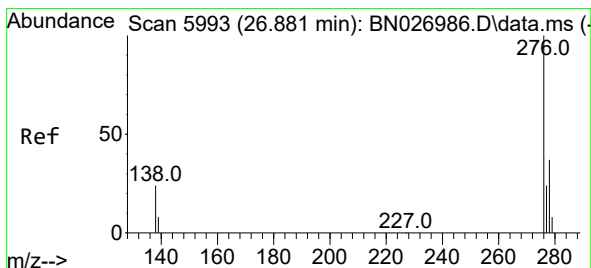
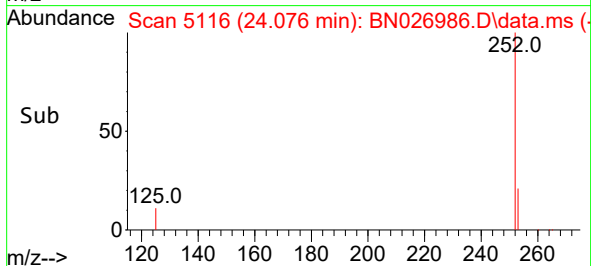
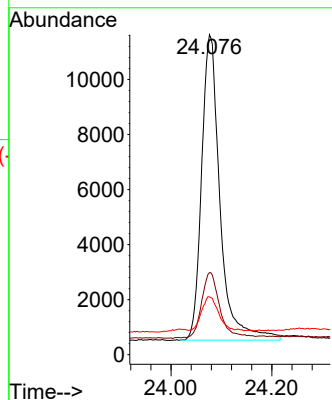
Tgt Ion:252 Resp: 28077

Ion Ratio Lower Upper

252 100

253 25.7 19.0 28.6

125 18.1 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.379 ng/ul

RT: 26.881 min Scan# 5993

Delta R.T. -0.004 min

Lab File: BN026986.D

Acq: 21 Aug 2023 09:07

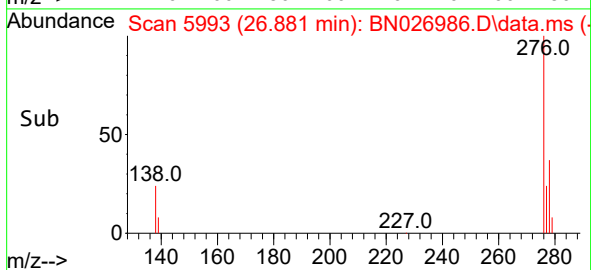
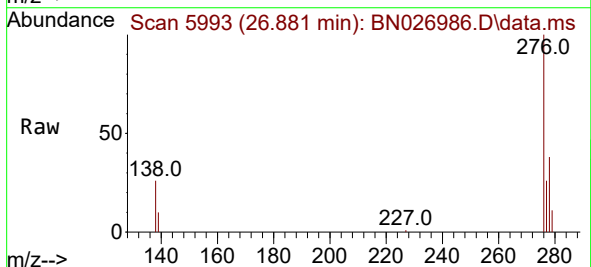
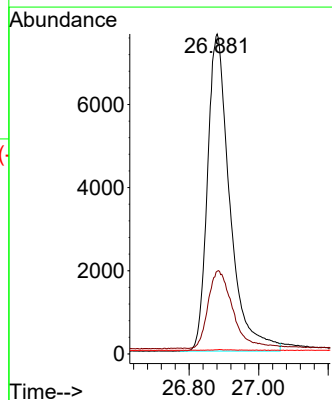
Tgt Ion:276 Resp: 33999

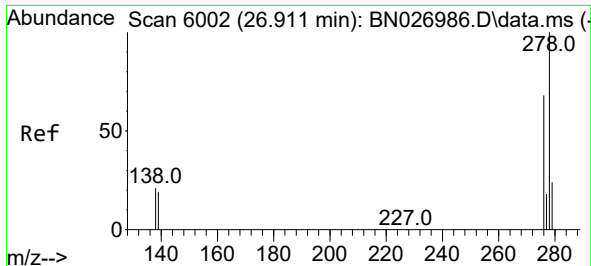
Ion Ratio Lower Upper

276 100

138 27.2 21.6 32.4

227 0.1 0.0 0.0#

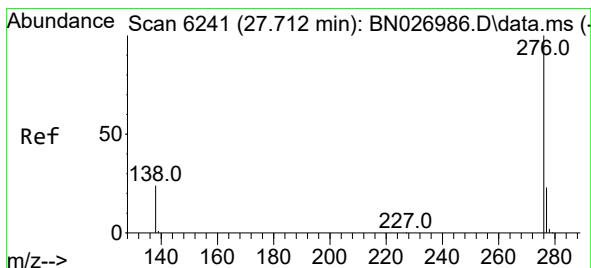
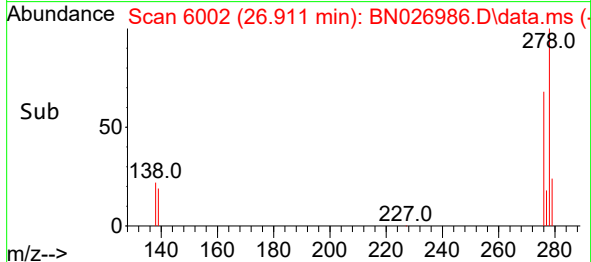
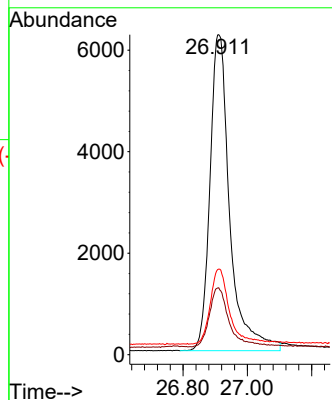
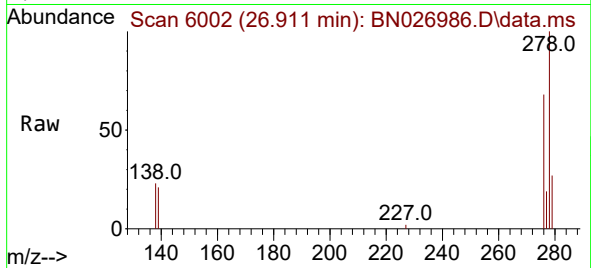




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.011 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

Tgt Ion:278 Resp: 26688
Ion Ratio Lower Upper
278 100
139 20.9 15.7 23.5
279 26.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.712 min Scan# 6241
Delta R.T. -0.011 min
Lab File: BN026986.D
Acq: 21 Aug 2023 09:07

Tgt Ion:276 Resp: 29925
Ion Ratio Lower Upper
276 100
138 25.4 19.3 28.9
277 24.6 19.8 29.8

