

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026998.D
 Acq On : 21 Aug 2023 19:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4394

Quant Time: Aug 22 01:39:41 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)

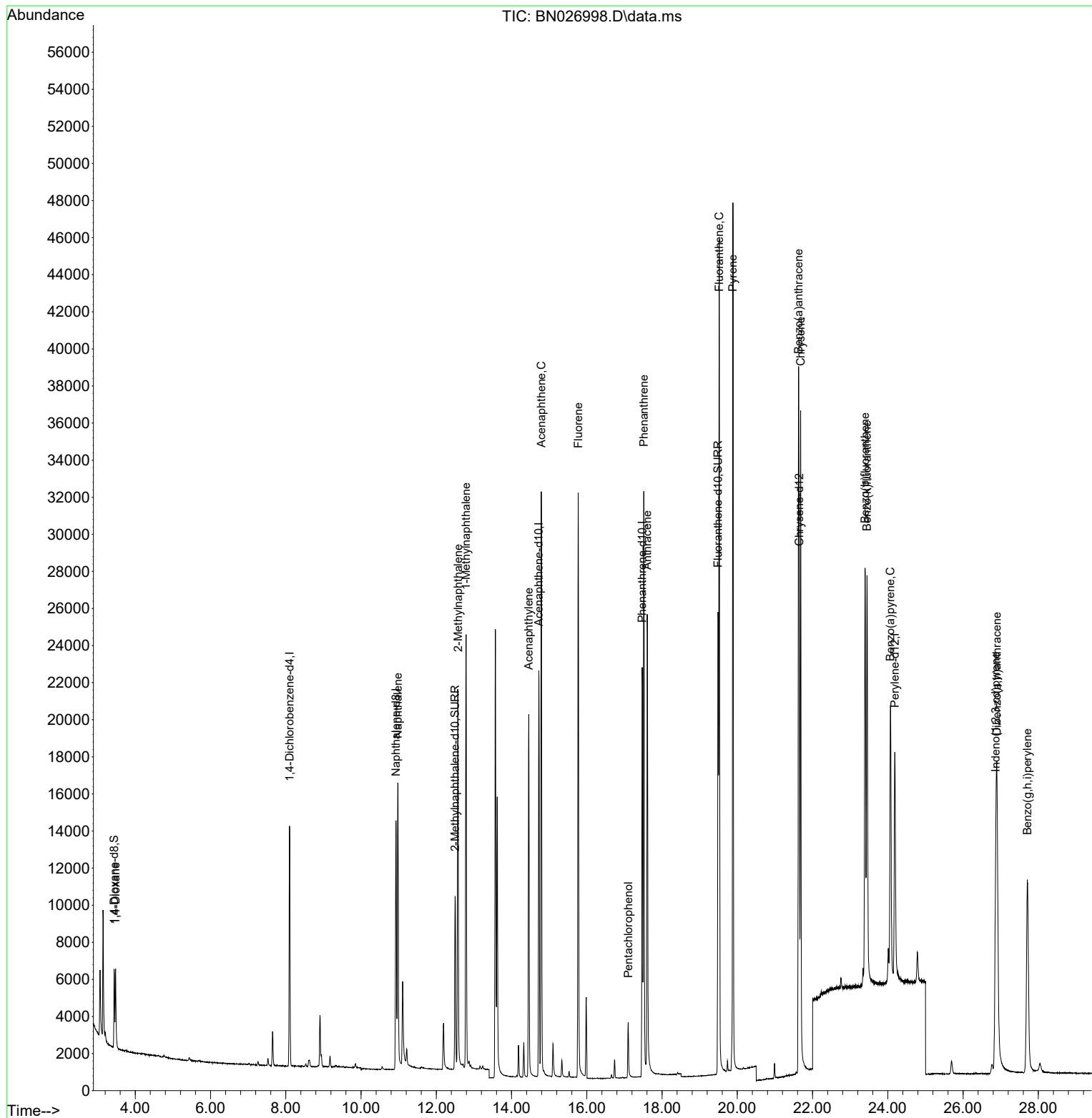
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	12399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	27295	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	21153	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	19860	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3091	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	13035	0.438	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	29851	0.447	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	3149	0.394	ng/ul	94
5) Naphthalene	10.977	128	22659	0.396	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	15363	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.791	142	16131	0.445	ng/ul	100
10) Acenaphthylene	14.458	152	23221	0.334	ng/ul	100
11) Acenaphthene	14.791	153	18484	0.384	ng/ul	99
12) Fluorene	15.771	166	20959	0.385	ng/ul	100
14) Pentachlorophenol	17.101	266	2227	0.288	ng/ul	99
15) Phenanthrene	17.515	178	34419	0.384	ng/ul	100
16) Anthracene	17.607	178	29198	0.360	ng/ul	100
19) Fluoranthene	19.520	202	39649	0.451	ng/ul	98
20) Pyrene	19.882	202	41077	0.438	ng/ul	100
21) Benzo(a)anthracene	21.627	228	32589	0.387	ng/ul	100
22) Chrysene	21.685	228	33906	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.395	252	33922	0.452	ng/ul	96
25) Benzo(k)fluoranthene	23.448	252	32546	0.439	ng/ul#	95
26) Benzo(a)pyrene	24.070	252	27000	0.398	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.871	276	31241	0.352	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.901	278	24240	0.343	ng/ul	97
29) Benzo(g,h,i)perylene	27.710	276	26690	0.362	ng/ul	98

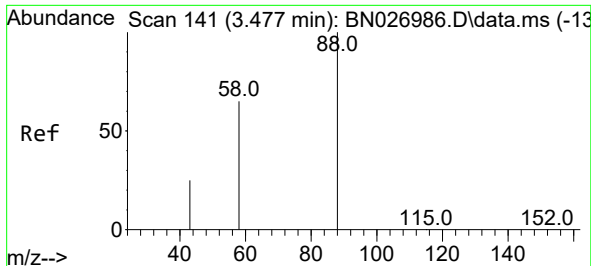
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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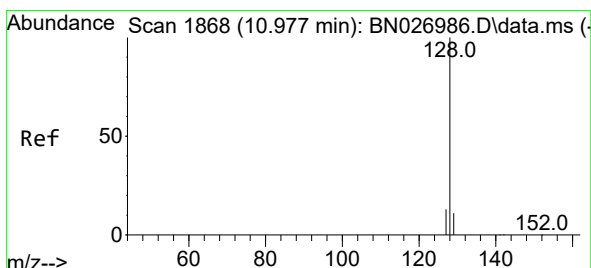
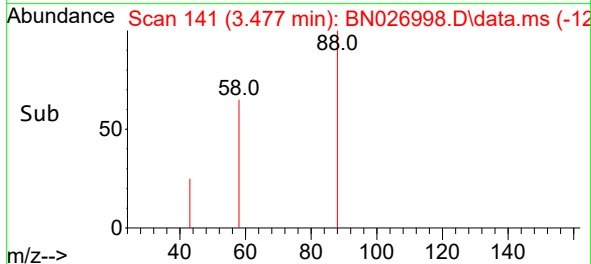
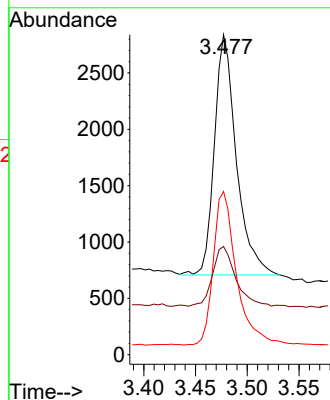
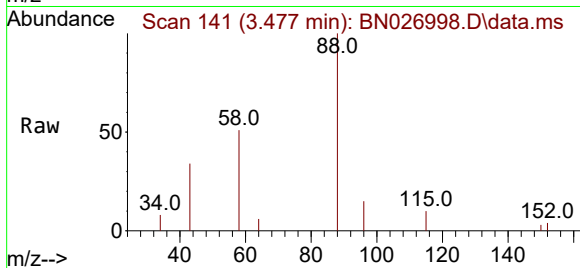




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

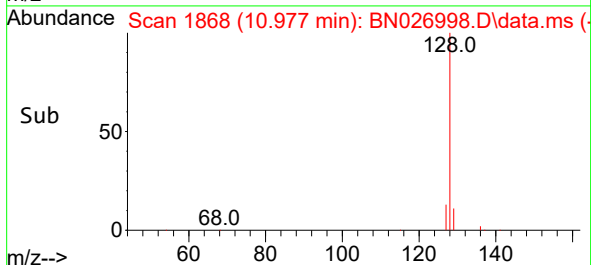
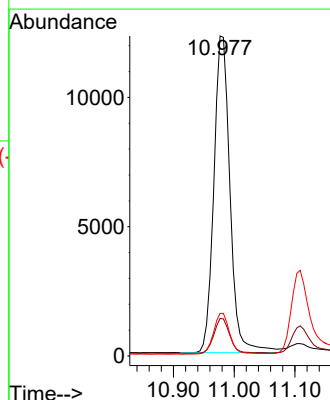
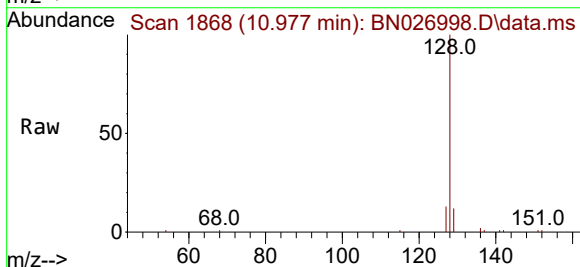
Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

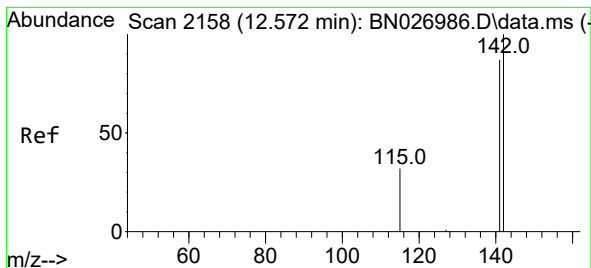
Tgt Ion: 88 Resp: 3149
Ion Ratio Lower Upper
88 100
43 33.8 28.0 42.0
58 51.0 46.0 69.0



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Tgt Ion: 128 Resp: 22659
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.3 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.443 ng/ul

RT: 12.577 min Scan# 2158

Delta R.T. -0.000 min

Lab File: BN026998.D

Acq: 21 Aug 2023 19:02

Instrument :

BNA_N

ClientSampleId :

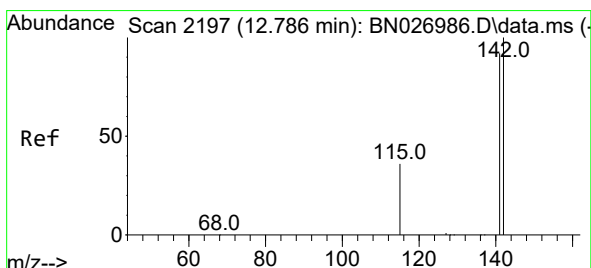
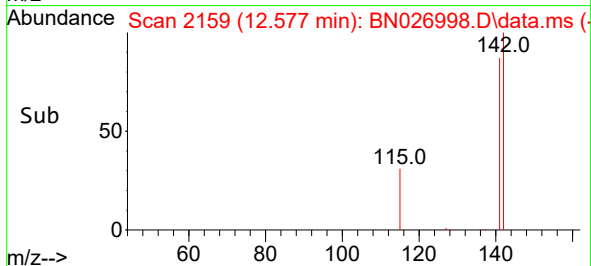
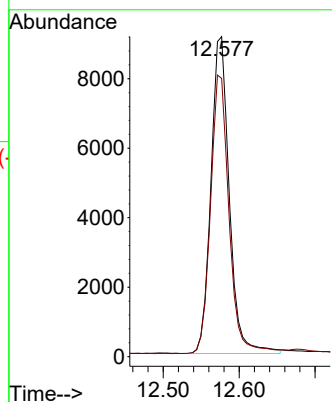
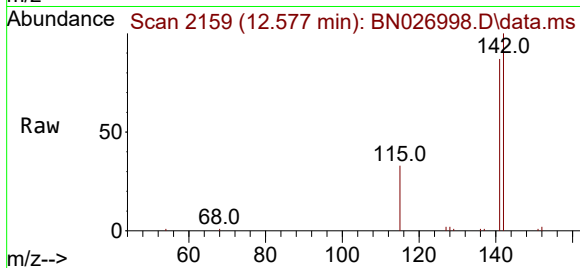
SSTD0.4394

Tgt Ion:142 Resp: 15363

Ion Ratio Lower Upper

142 100

141 88.2 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.445 ng/ul

RT: 12.791 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BN026998.D

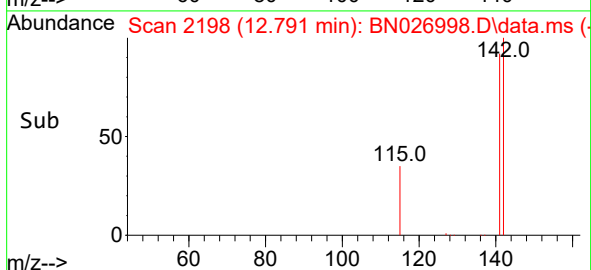
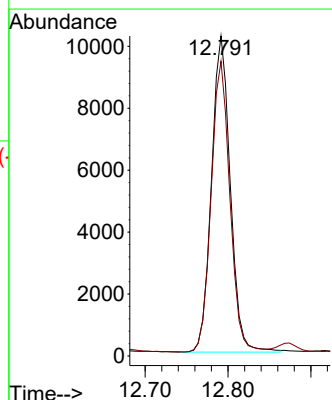
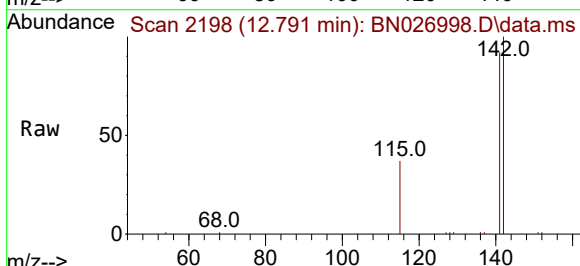
Acq: 21 Aug 2023 19:02

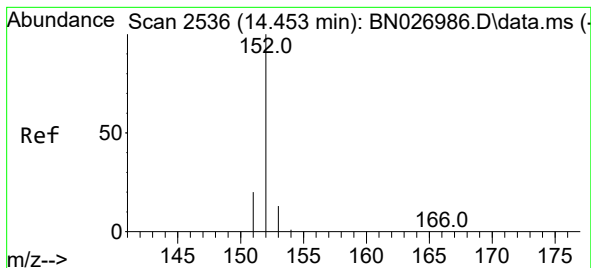
Tgt Ion:142 Resp: 16131

Ion Ratio Lower Upper

142 100

141 91.6 73.2 109.8





#10

Acenaphthylene

Concen: 0.334 ng/ul

RT: 14.458 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026998.D

Acq: 21 Aug 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4394

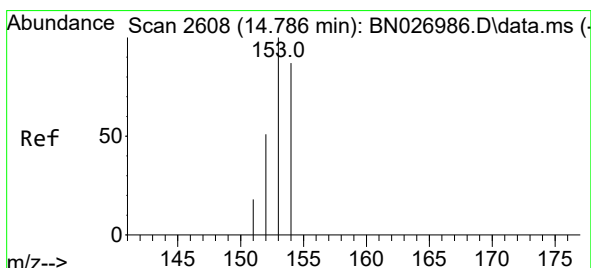
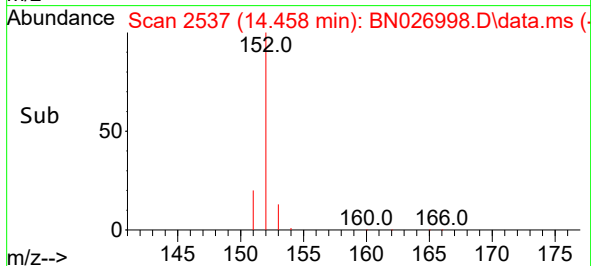
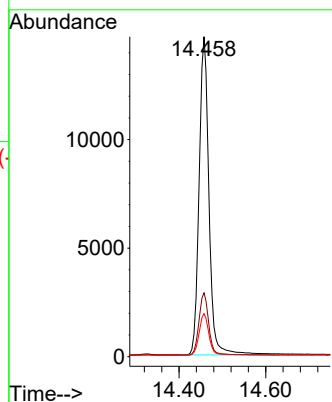
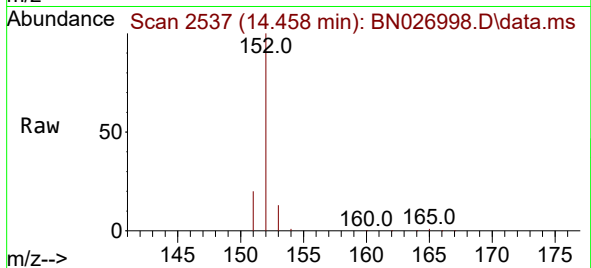
Tgt Ion:152 Resp: 23221

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 11.0 16.6



#11

Acenaphthene

Concen: 0.384 ng/ul

RT: 14.791 min Scan# 2609

Delta R.T. -0.000 min

Lab File: BN026998.D

Acq: 21 Aug 2023 19:02

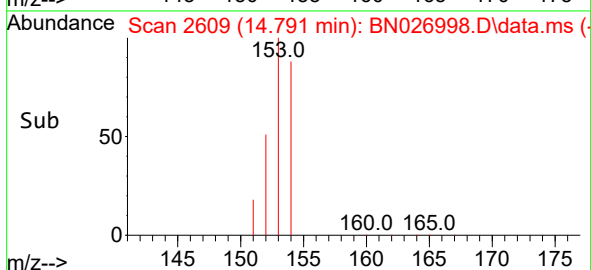
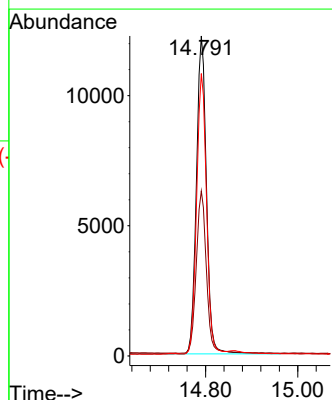
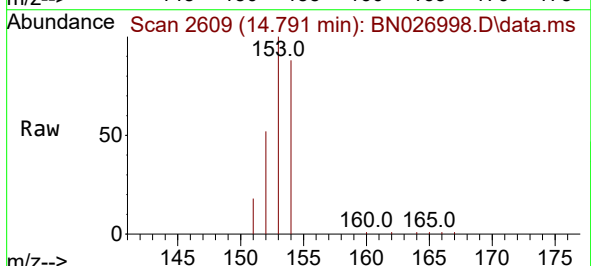
Tgt Ion:153 Resp: 18484

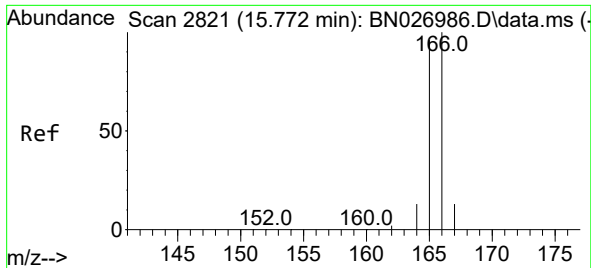
Ion Ratio Lower Upper

153 100

152 51.5 41.1 61.7

154 88.3 71.6 107.4

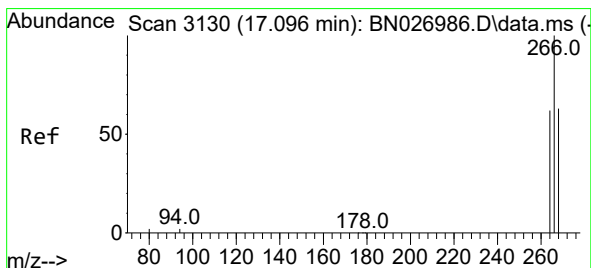
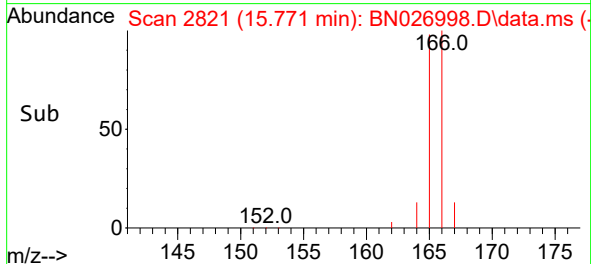
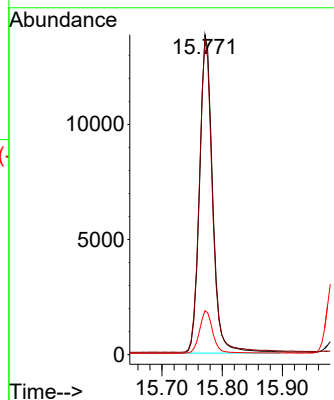
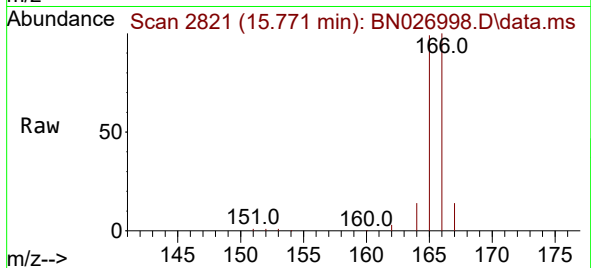




#12
 Fluorene
 Concen: 0.385 ng/ul
 RT: 15.771 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN026998.D
 Acq: 21 Aug 2023 19:02

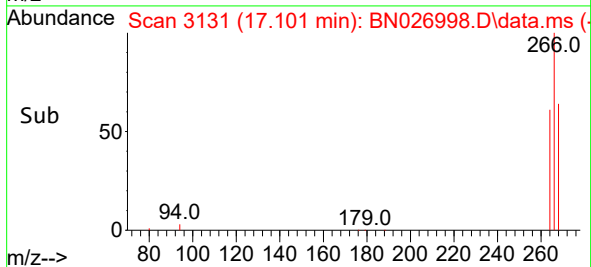
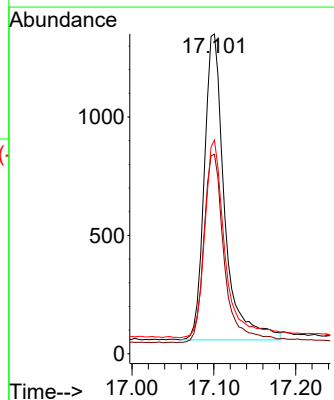
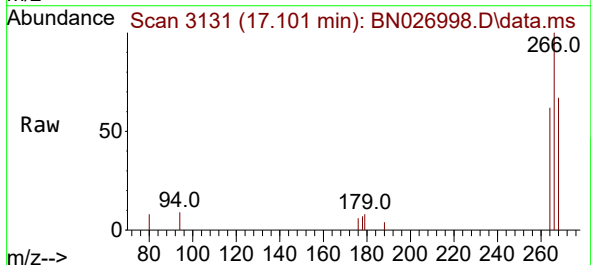
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4394

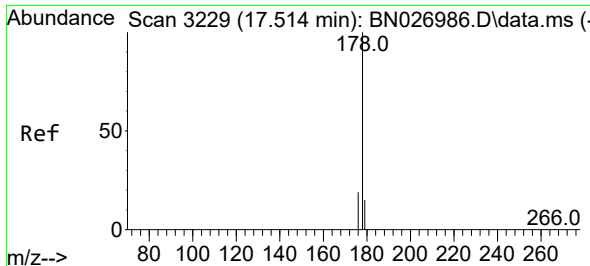
Tgt Ion:166 Resp: 20959
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.1 118.7
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.288 ng/ul
 RT: 17.101 min Scan# 3131
 Delta R.T. -0.000 min
 Lab File: BN026998.D
 Acq: 21 Aug 2023 19:02

Tgt Ion:266 Resp: 2227
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.4 75.6
 268 64.8 51.2 76.8

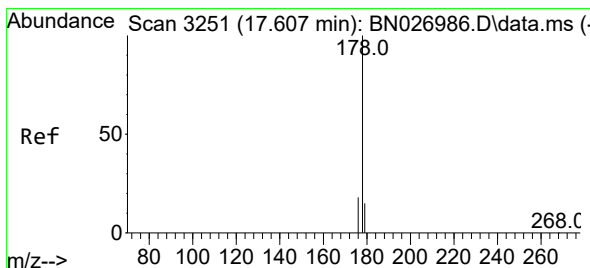
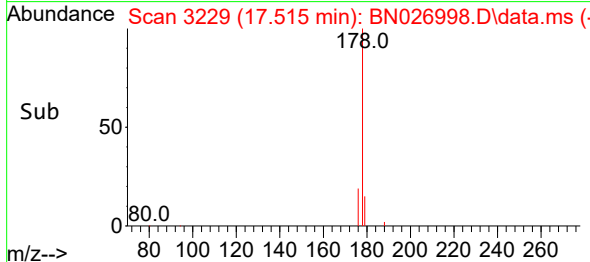
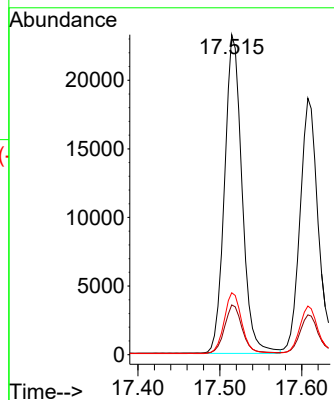
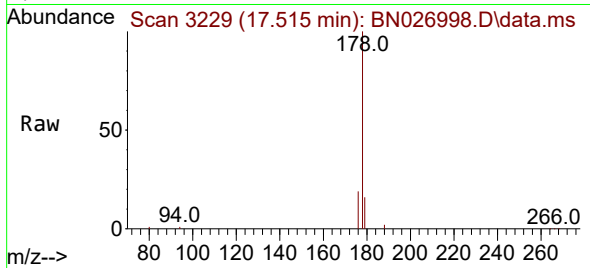




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

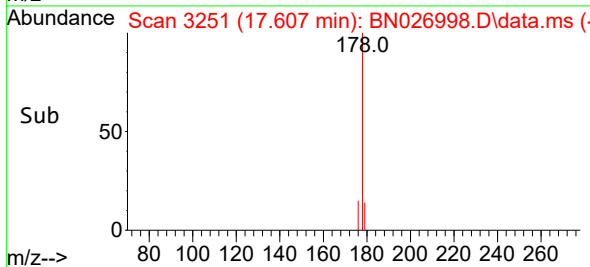
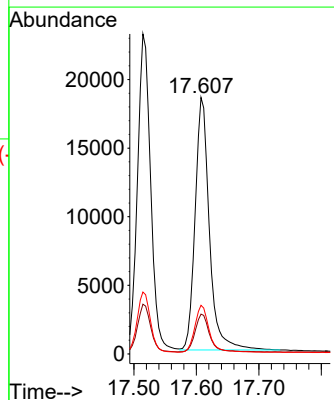
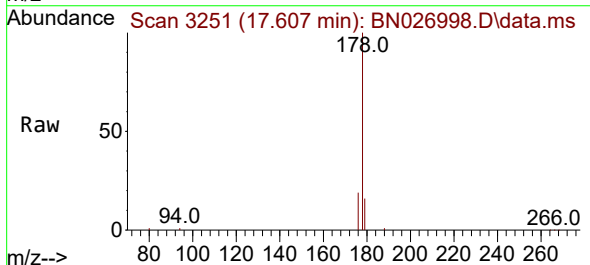
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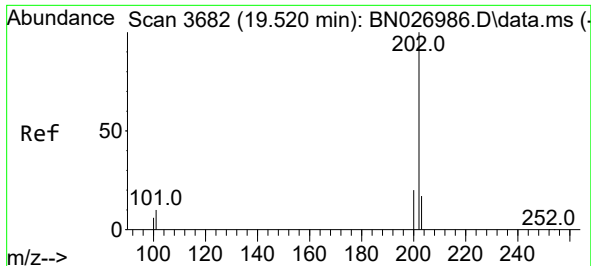
Tgt Ion:178 Resp: 34419
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Tgt Ion:178 Resp: 29198
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.9 15.0 22.6

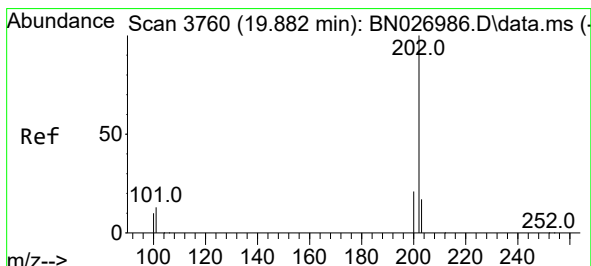
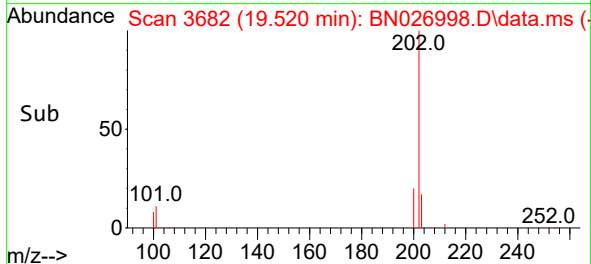
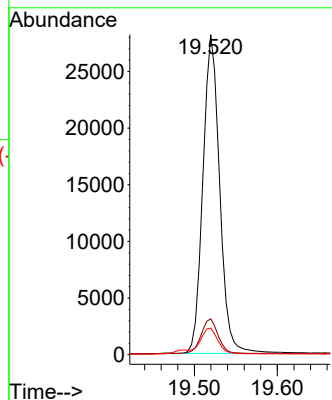
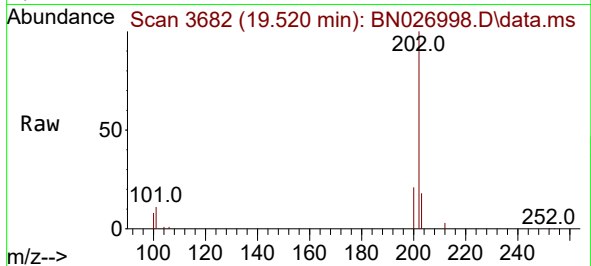




#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

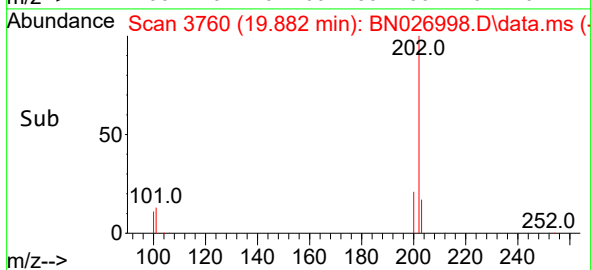
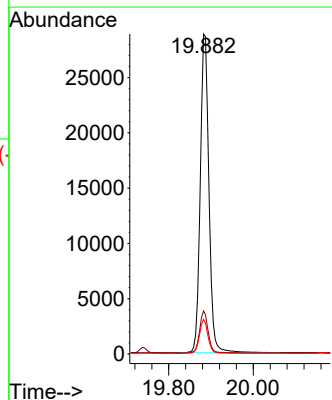
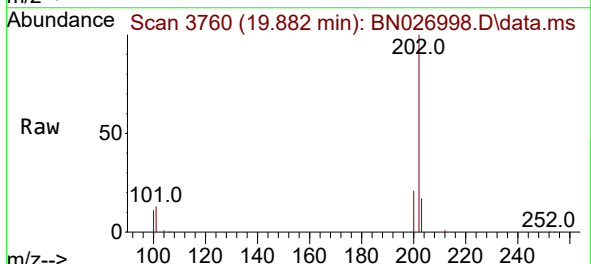
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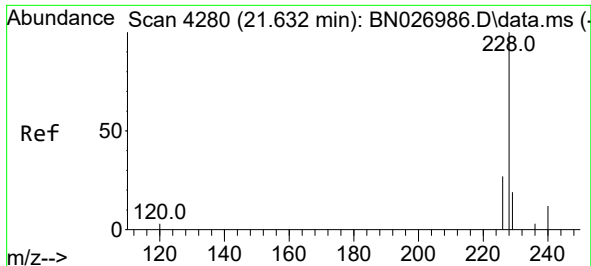
Tgt Ion:202 Resp: 39649
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.3 6.2 9.2



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Tgt Ion:202 Resp: 41077
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 10.8 8.5 12.7

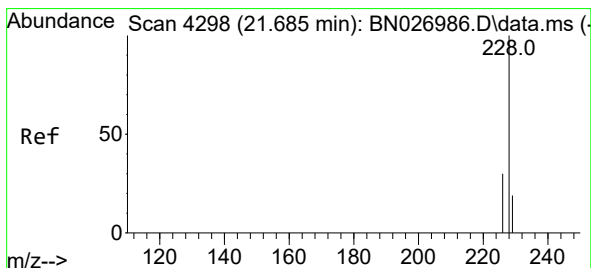
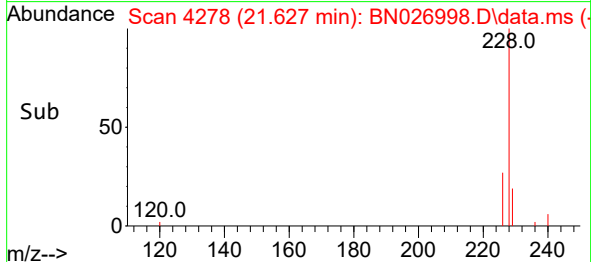
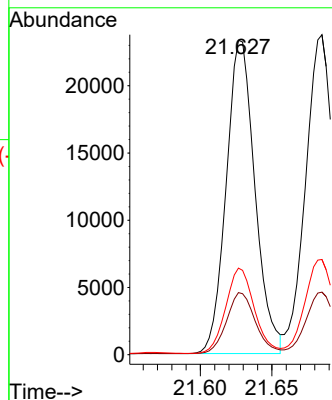
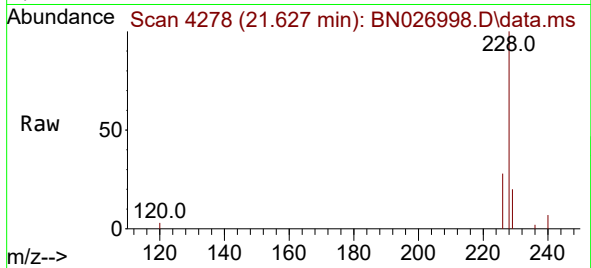




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

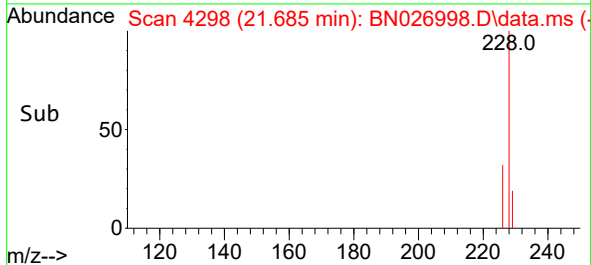
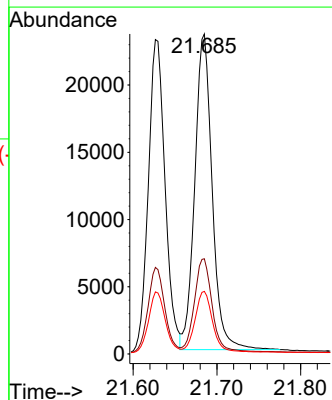
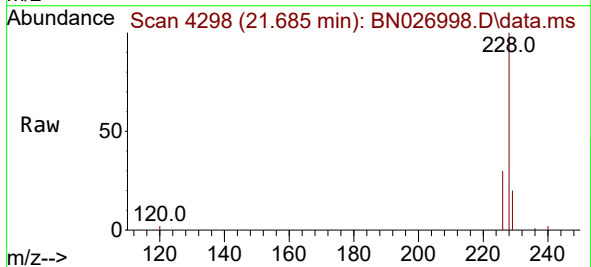
Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

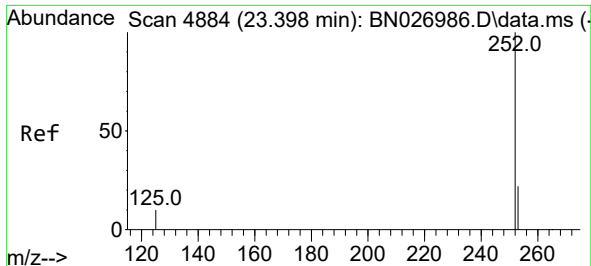
Tgt Ion:228 Resp: 32589
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

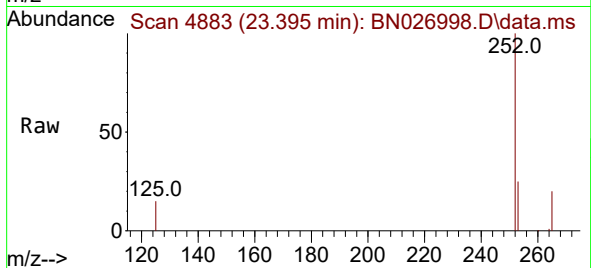
Tgt Ion:228 Resp: 33906
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 19.6 15.8 23.6



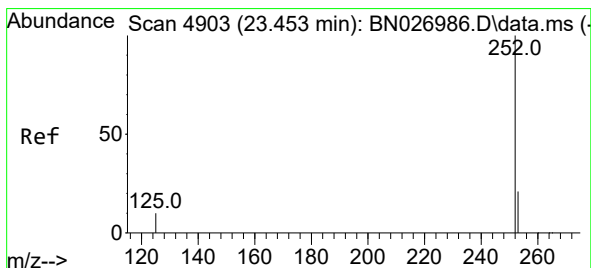
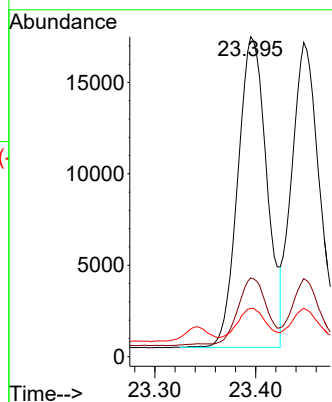


#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

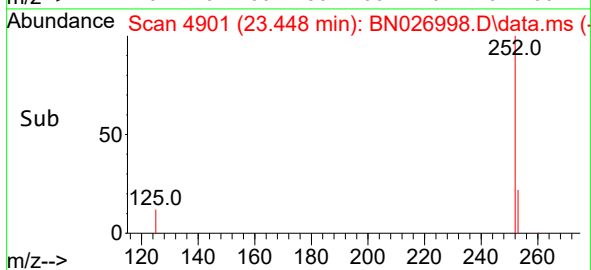
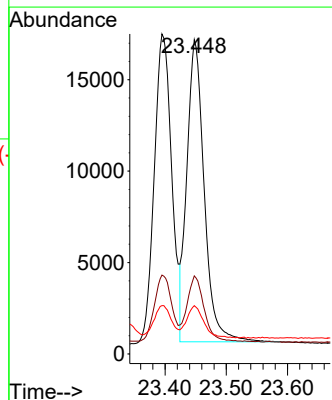
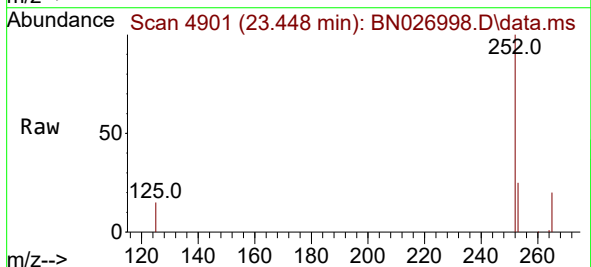


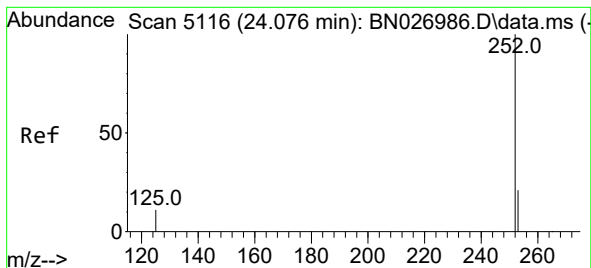
Tgt Ion:252 Resp: 33922
Ion Ratio Lower Upper
252 100
253 24.6 0.0 46.8
125 15.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.448 min Scan# 4901
Delta R.T. -0.012 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Tgt Ion:252 Resp: 32546
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.4
125 15.4 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.398 ng/ul

RT: 24.070 min Scan# 5116

Delta R.T. -0.015 min

Lab File: BN026998.D

Acq: 21 Aug 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4394

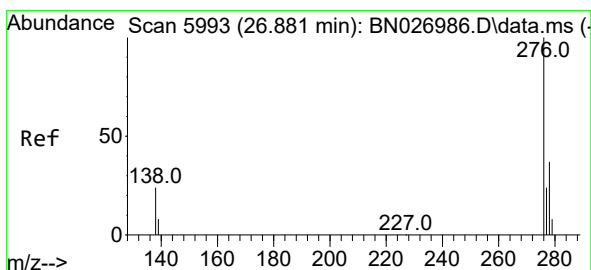
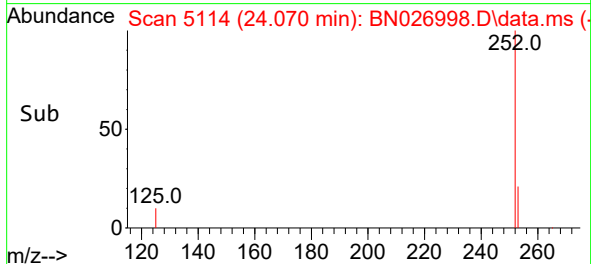
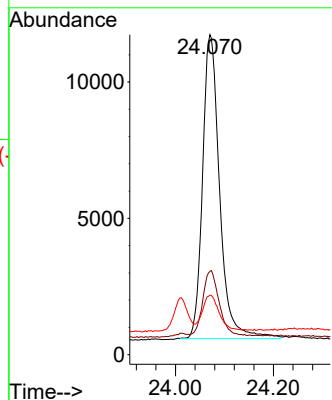
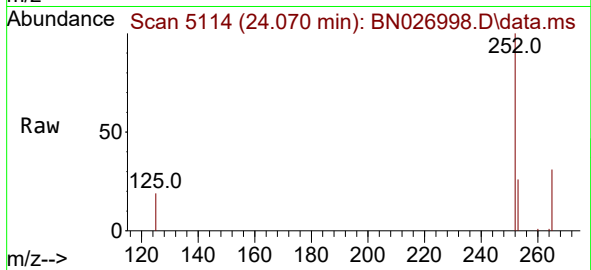
Tgt Ion:252 Resp: 27000

Ion Ratio Lower Upper

252 100

253 26.0 19.0 28.6

125 18.6 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng/ul

RT: 26.871 min Scan# 5990

Delta R.T. -0.014 min

Lab File: BN026998.D

Acq: 21 Aug 2023 19:02

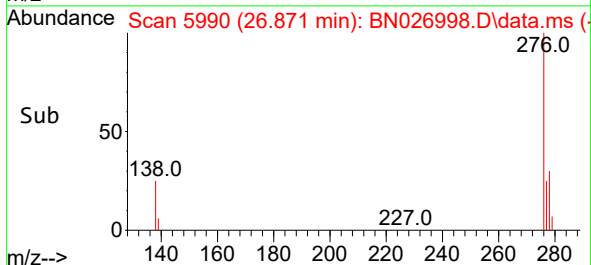
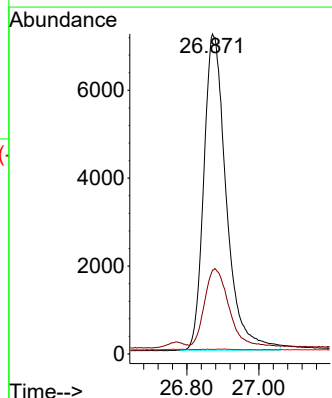
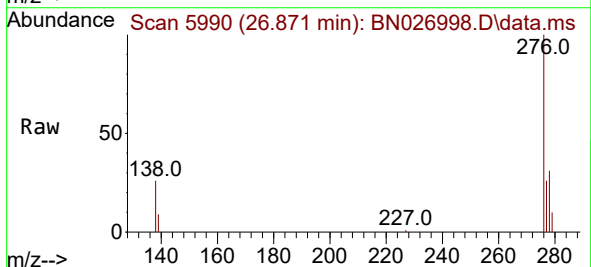
Tgt Ion:276 Resp: 31241

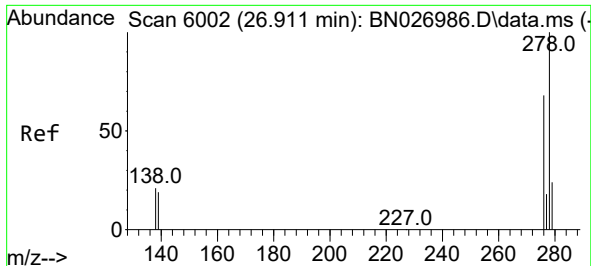
Ion Ratio Lower Upper

276 100

138 26.7 21.6 32.4

227 0.1 0.0 0.0#

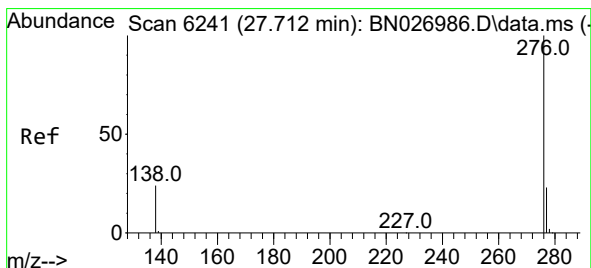
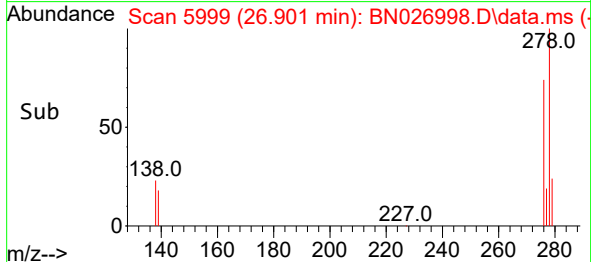
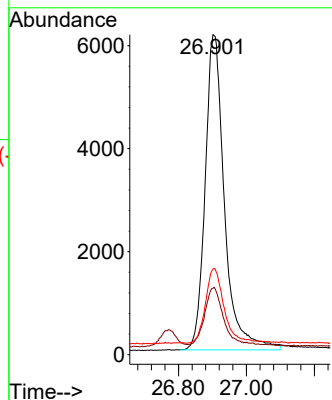
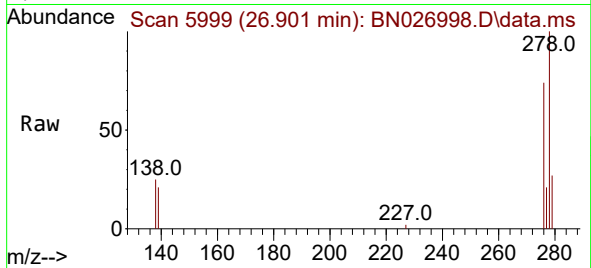




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.901 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4394

Tgt Ion:278 Resp: 24240
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 26.7 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.710 min Scan# 6240
Delta R.T. -0.014 min
Lab File: BN026998.D
Acq: 21 Aug 2023 19:02

Tgt Ion:276 Resp: 26690
Ion Ratio Lower Upper
276 100
138 25.6 19.3 28.9
277 25.1 19.8 29.8

