

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042123\
 Data File : BN025047.D
 Acq On : 21 Apr 2023 09:54
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4276

Quant Time: Apr 22 00:15:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

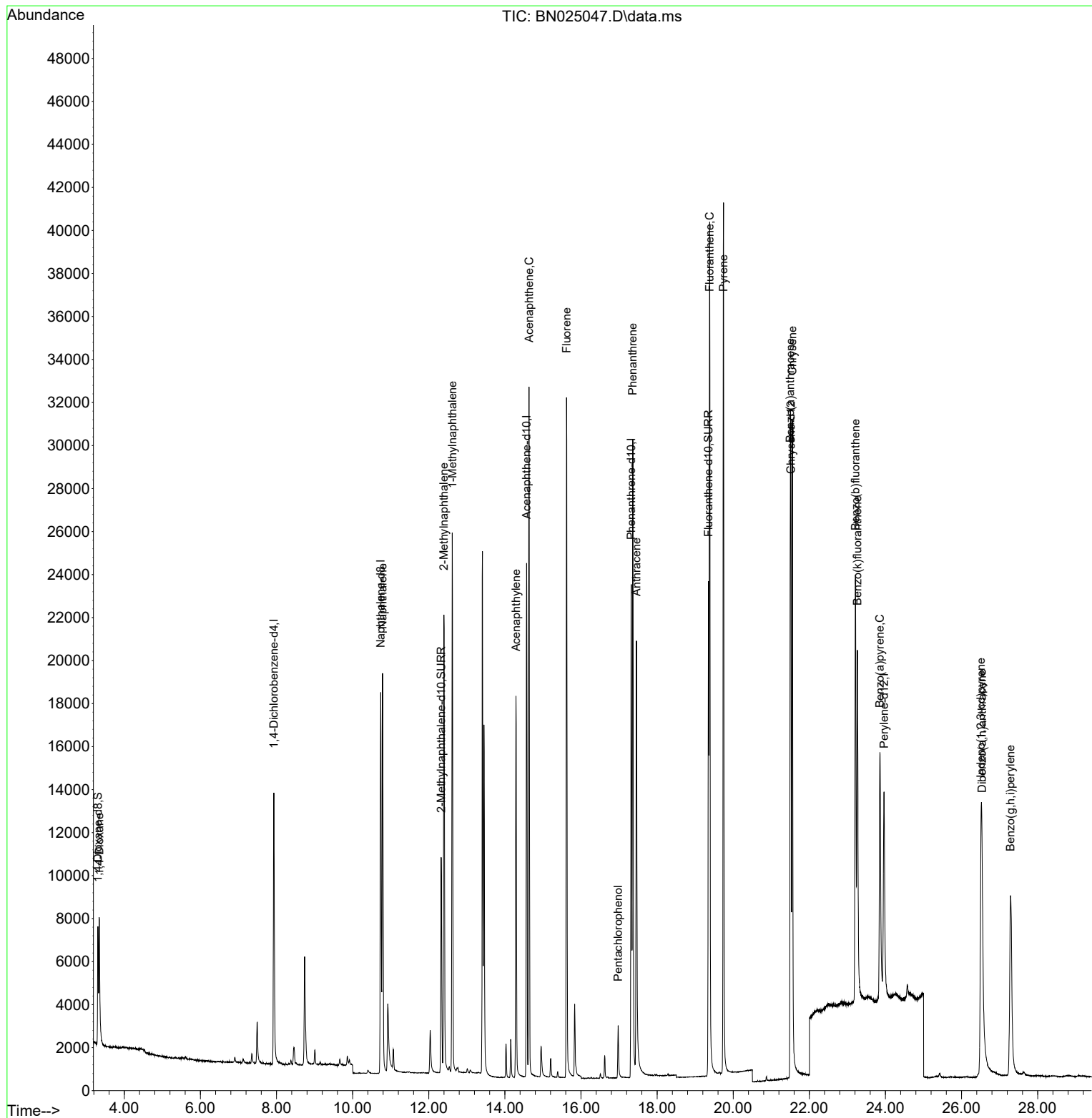
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	7582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	23709	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	13152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	27596	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	18765	0.400	ng/ul	0.00
23) Perylene-d12	23.960	264	15265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3648	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	13295	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	26489	0.535	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	3888	0.460	ng/ul	98
5) Naphthalene	10.787	128	26262	0.432	ng/ul	100
7) 2-Methylnaphthalene	12.398	142	16269	0.437	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	17221	0.434	ng/ul	100
10) Acenaphthylene	14.292	152	21174	0.432	ng/ul	100
11) Acenaphthene	14.635	153	18678	0.452	ng/ul	100
12) Fluorene	15.620	166	20767	0.450	ng/ul	98
14) Pentachlorophenol	16.975	266	1855	0.342	ng/ul	99
15) Phenanthrene	17.359	178	33240	0.427	ng/ul	100
16) Anthracene	17.457	178	26459	0.415	ng/ul	99
19) Fluoranthene	19.381	202	36537	0.538	ng/ul	100
20) Pyrene	19.744	202	36451	0.523	ng/ul	99
21) Benzo(a)anthracene	21.499	228	24644	0.436	ng/ul	99
22) Chrysene	21.552	228	28967	0.470	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	27171	0.439	ng/ul	100
25) Benzo(k)fluoranthene	23.262	252	25830	0.434	ng/ul	99
26) Benzo(a)pyrene	23.855	252	21071	0.411	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.510	276	23776	0.403	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.537	278	17143	0.372	ng/ul	98
29) Benzo(g,h,i)perylene	27.288	276	22713	0.452	ng/ul	98

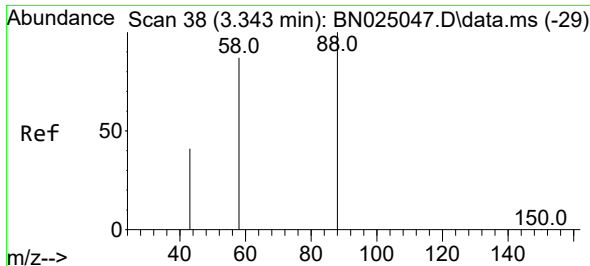
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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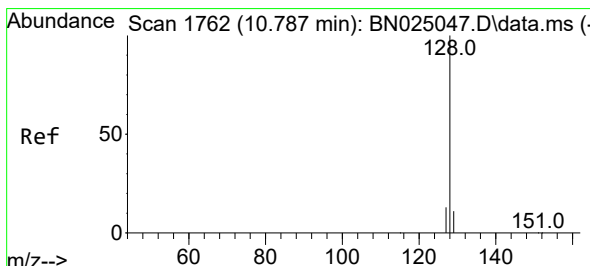
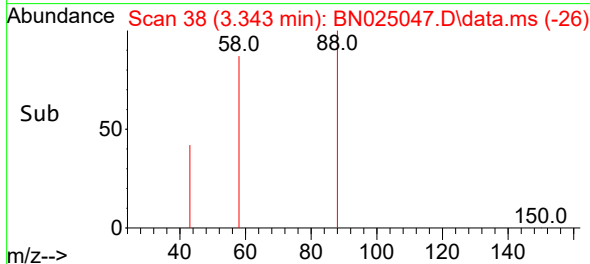
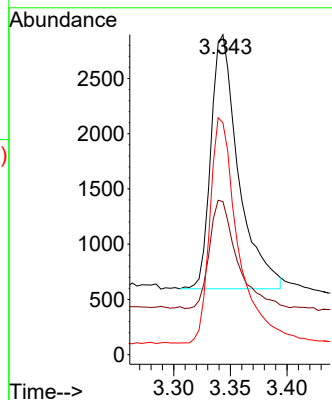
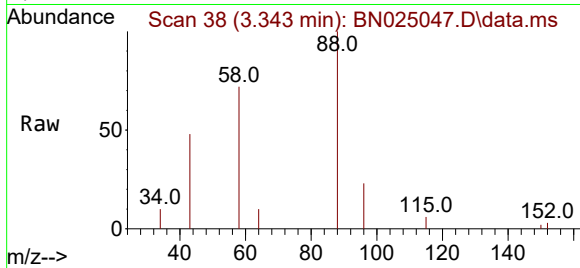




#2
 1,4-Dioxane
 Concen: 0.460 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

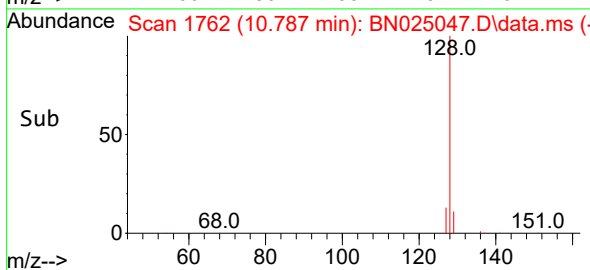
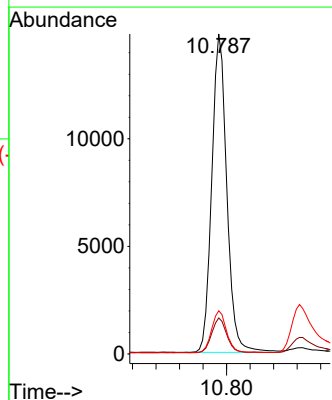
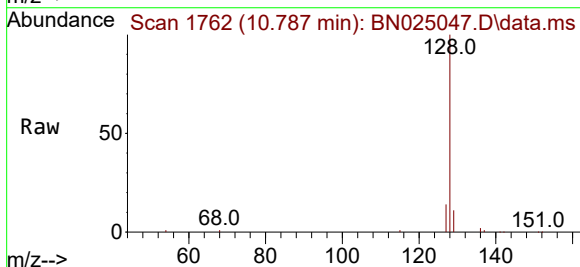
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4276

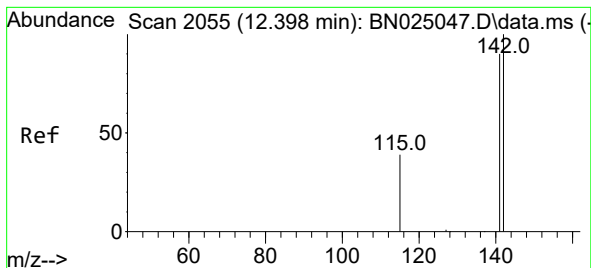
Tgt Ion: 88 Resp: 3888
 Ion Ratio Lower Upper
 88 100
 43 47.9 37.0 55.4
 58 72.4 56.9 85.3



#5
 Naphthalene
 Concen: 0.432 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

Tgt Ion: 128 Resp: 26262
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.5 10.7 16.1

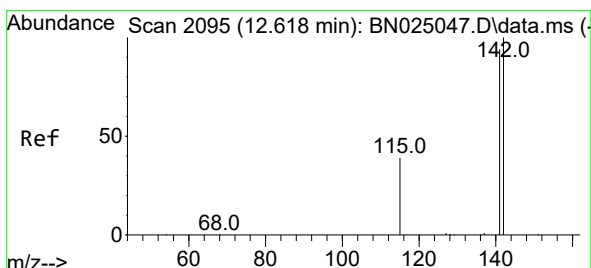
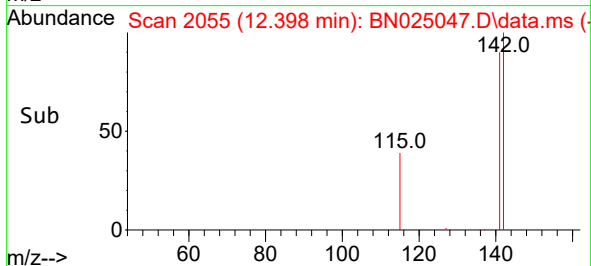
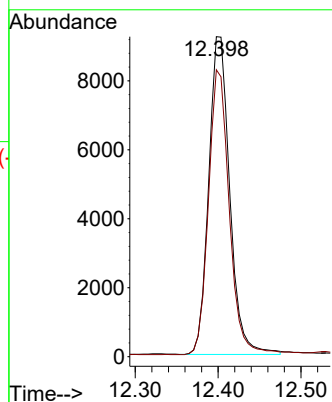
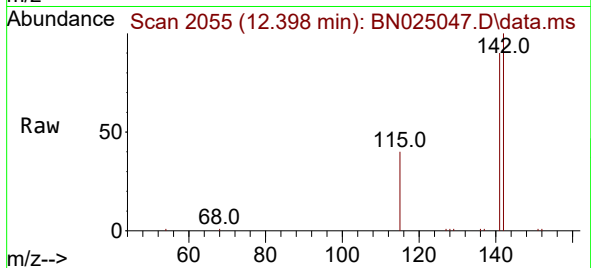




#7
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

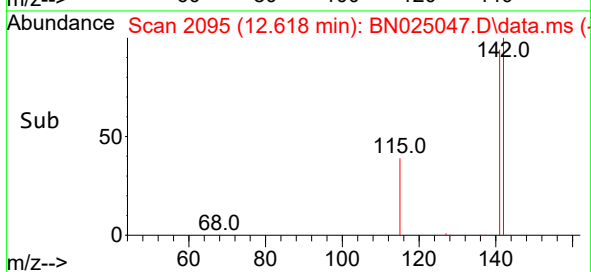
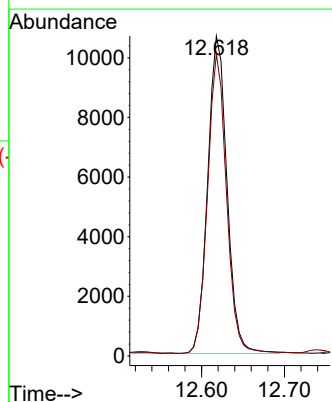
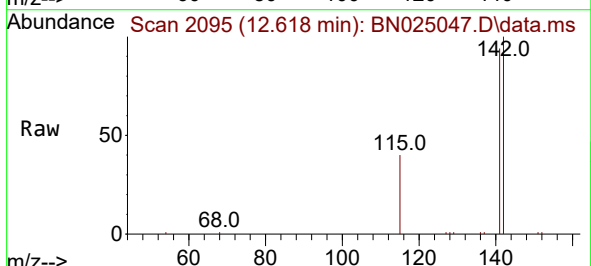
Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

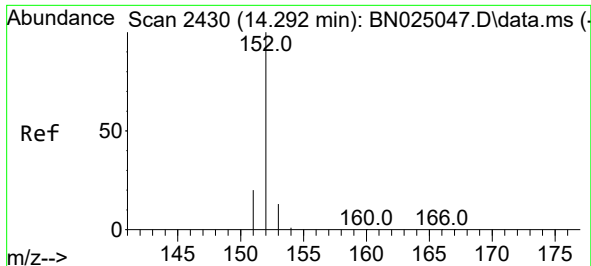
Tgt Ion:142 Resp: 16269
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Tgt Ion:142 Resp: 17221
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6

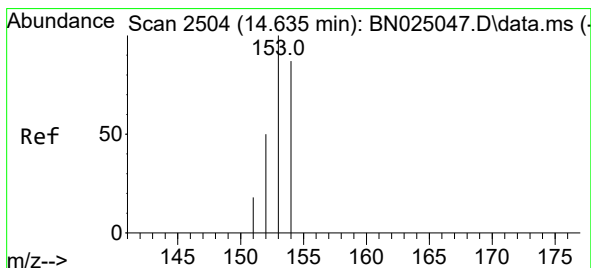
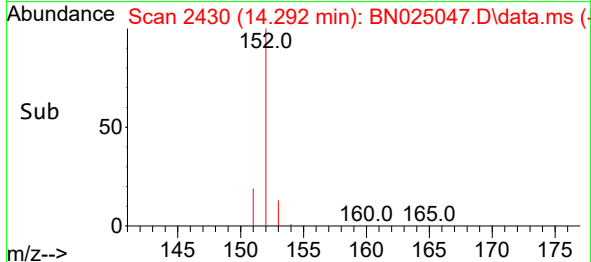
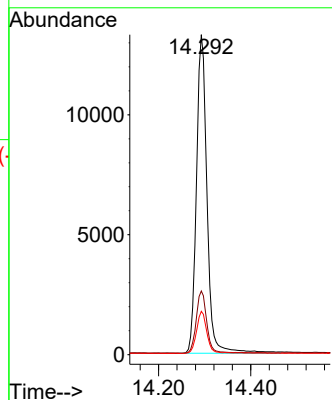
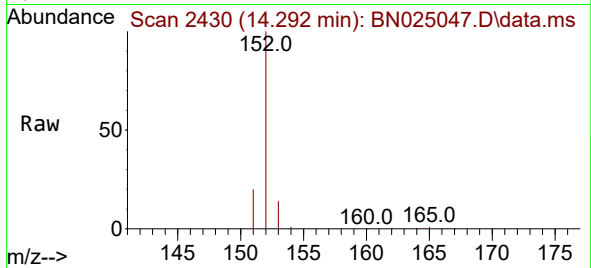




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

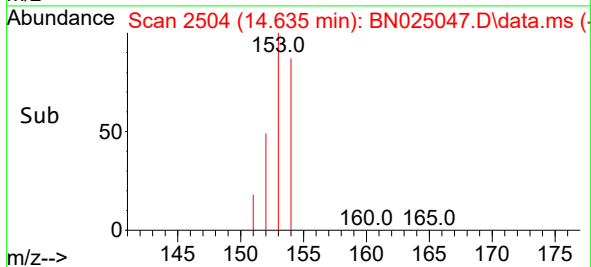
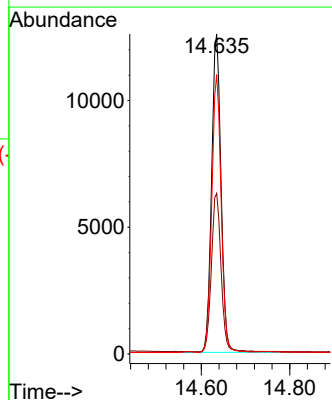
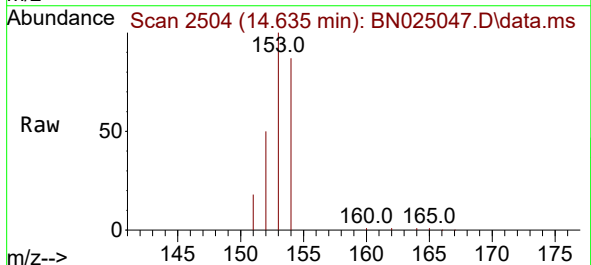
Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

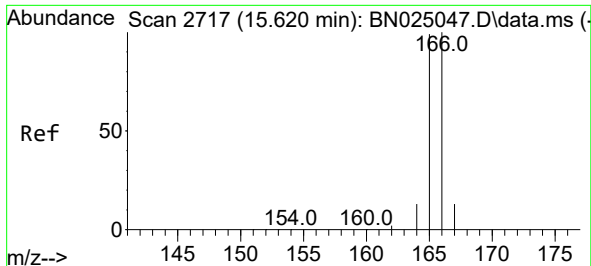
Tgt Ion:152 Resp: 21174
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.452 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Tgt Ion:153 Resp: 18678
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 87.3 69.4 104.2

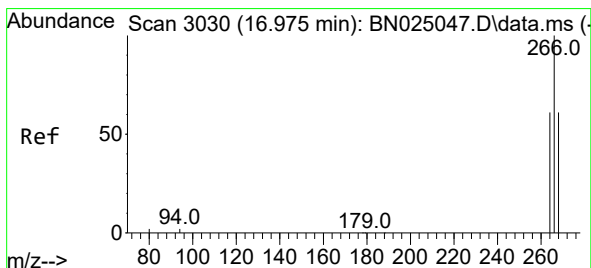
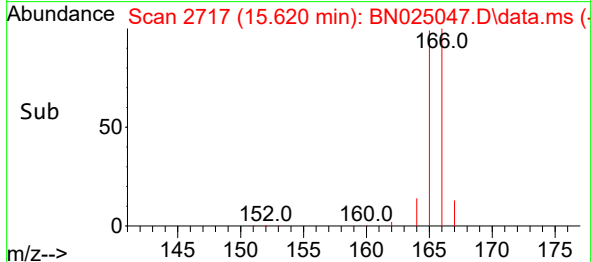
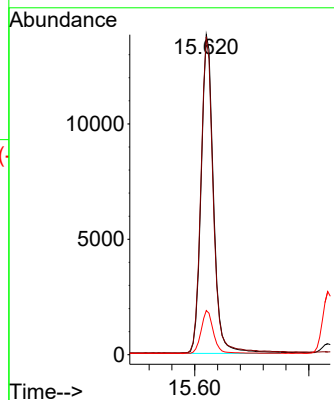
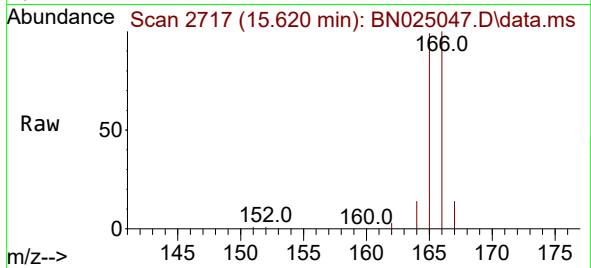




#12
 Fluorene
 Concen: 0.450 ng/ul
 RT: 15.620 min Scan# 2717
 Delta R.T. -0.005 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

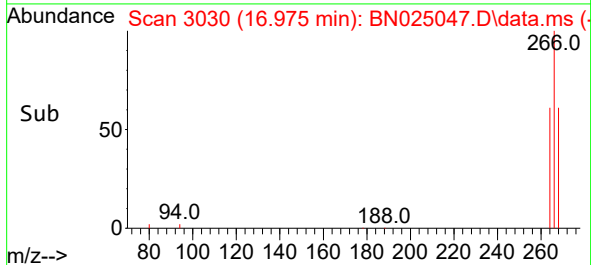
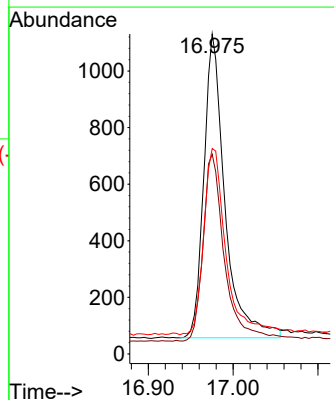
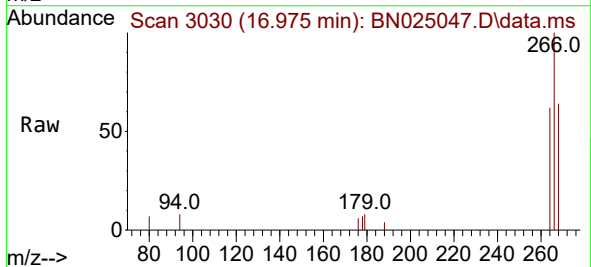
Instrument :
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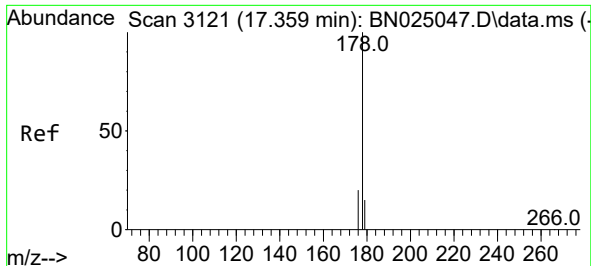
Tgt Ion:166 Resp: 20767
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.1 117.1
 167 13.8 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.342 ng/ul
 RT: 16.975 min Scan# 3030
 Delta R.T. -0.001 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

Tgt Ion:266 Resp: 1855
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 65.1 51.3 76.9

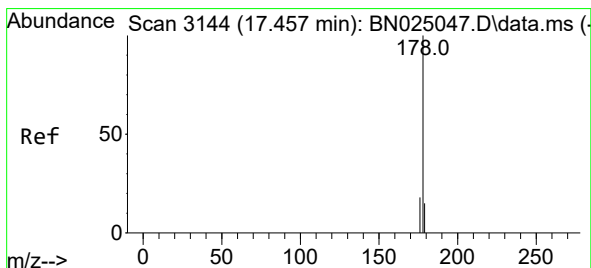
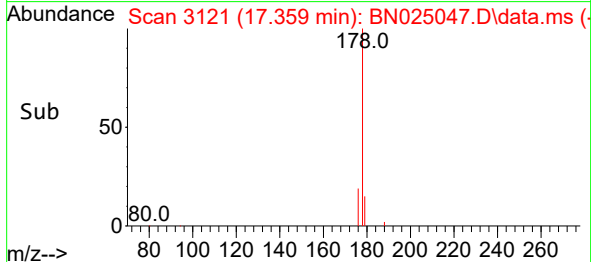
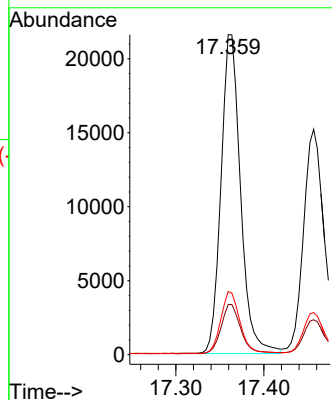
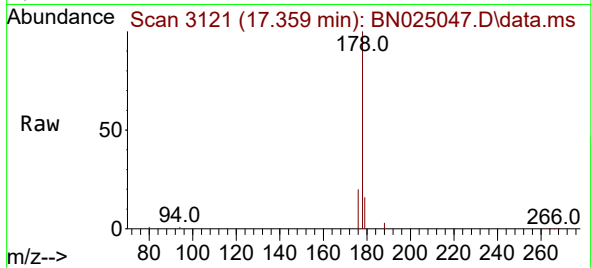




#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.359 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

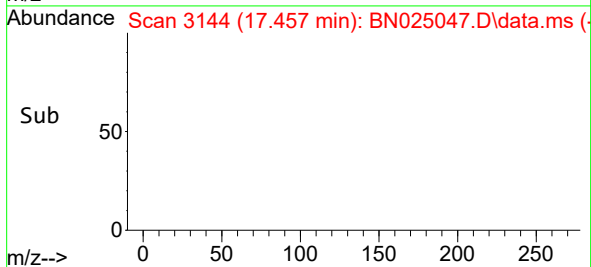
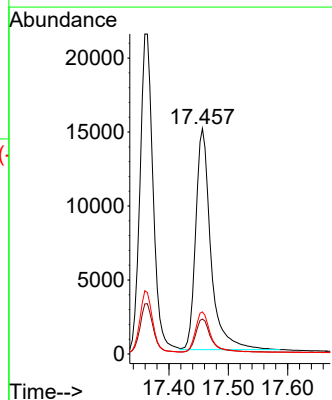
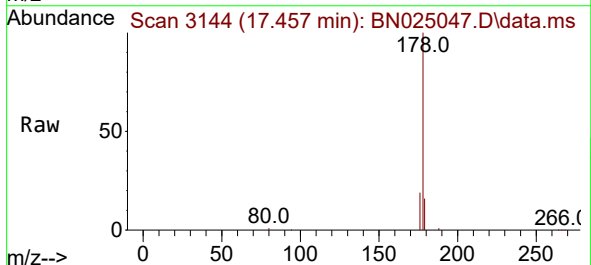
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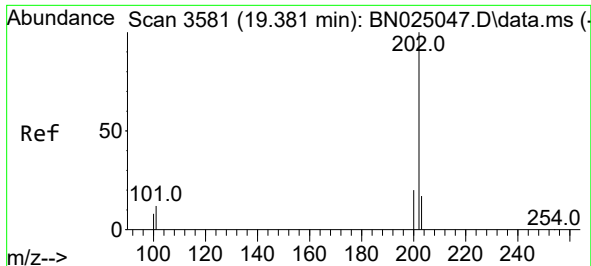
Tgt Ion:178 Resp: 33240
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Tgt Ion:178 Resp: 26459
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.3 22.9

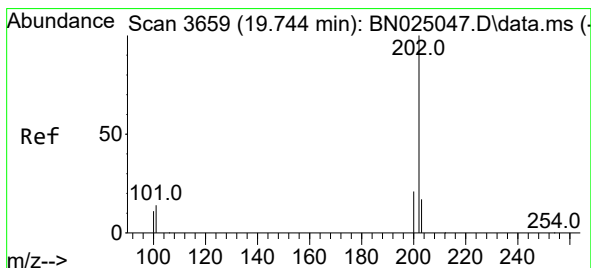
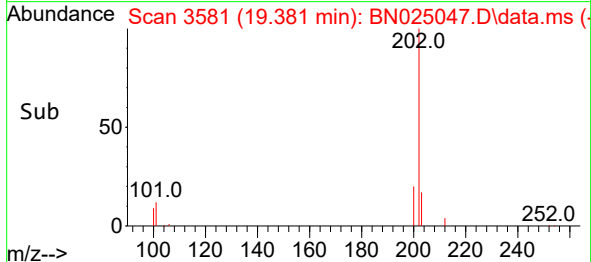
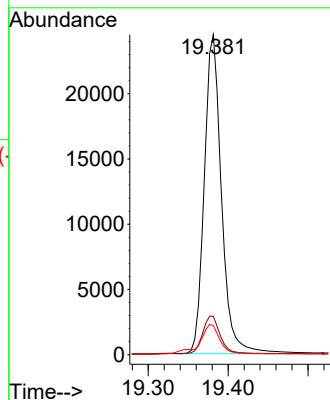
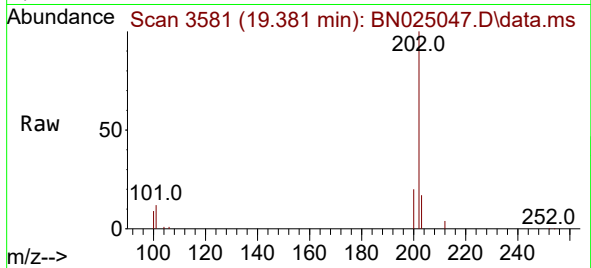




#19
Fluoranthene
Concen: 0.538 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

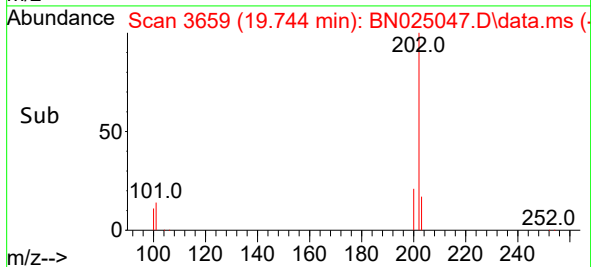
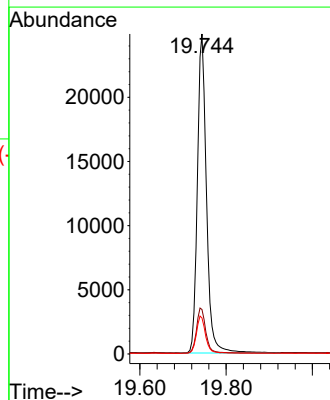
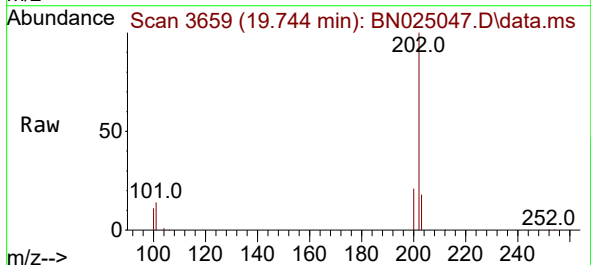
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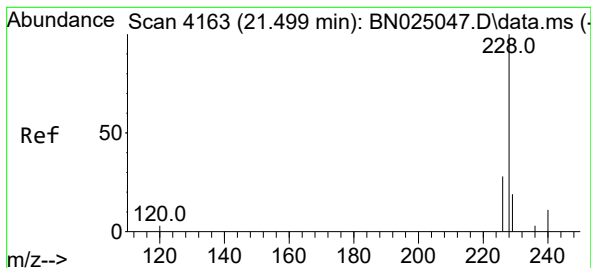
Tgt Ion:202 Resp: 36537
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.523 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Tgt Ion:202 Resp: 36451
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.3 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.436 ng/ul

RT: 21.499 min Scan# 4163

Delta R.T. -0.001 min

Lab File: BN025047.D

Acq: 21 Apr 2023 09:54

Instrument :

BNA_N

ClientSampleId :

SSTD0.4276

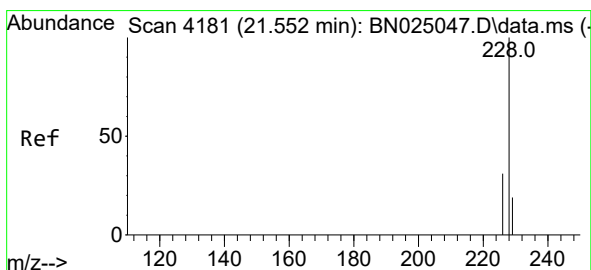
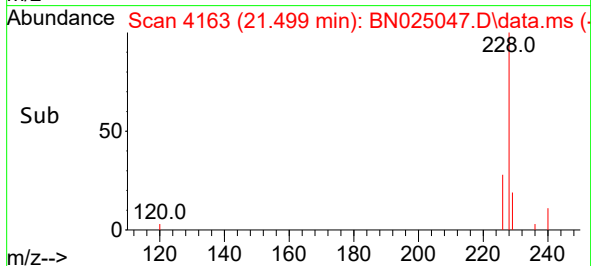
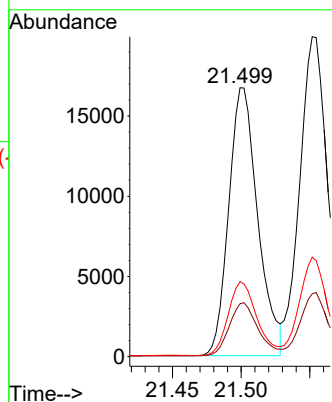
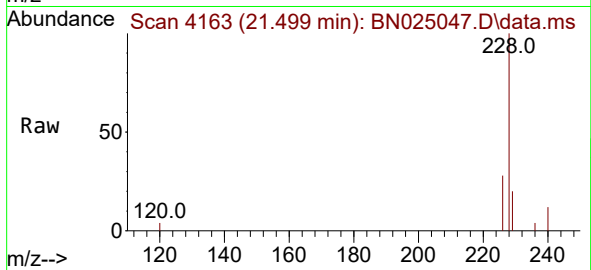
Tgt Ion:228 Resp: 24644

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.9 22.1 33.1



#22

Chrysene

Concen: 0.470 ng/ul

RT: 21.552 min Scan# 4181

Delta R.T. -0.001 min

Lab File: BN025047.D

Acq: 21 Apr 2023 09:54

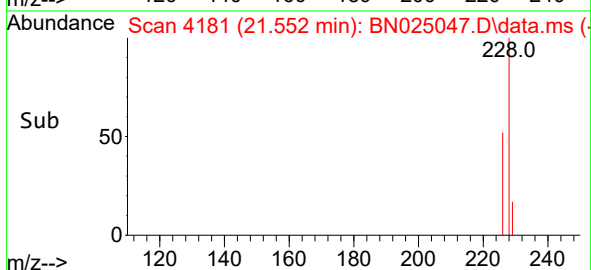
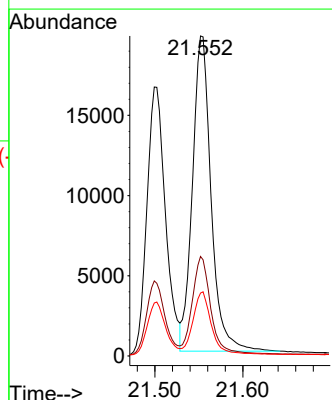
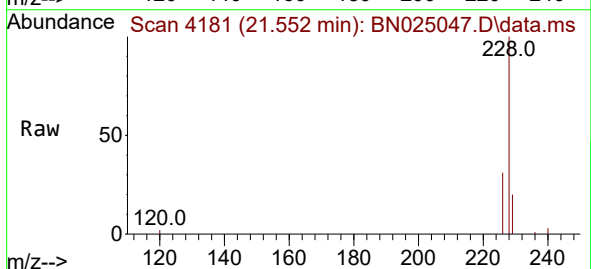
Tgt Ion:228 Resp: 28967

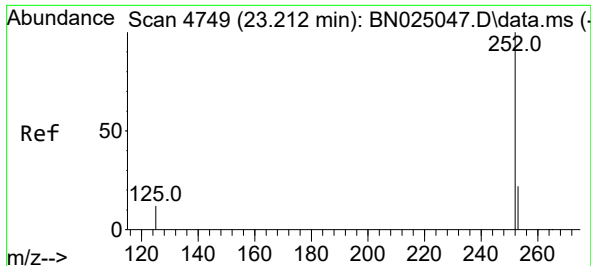
Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

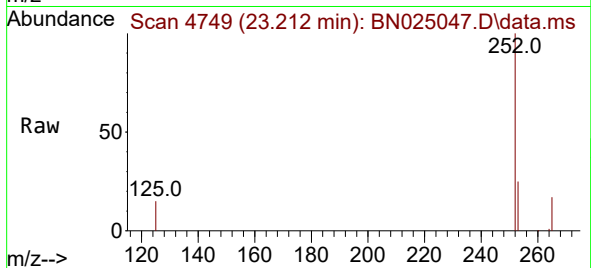
229 19.7 15.8 23.6



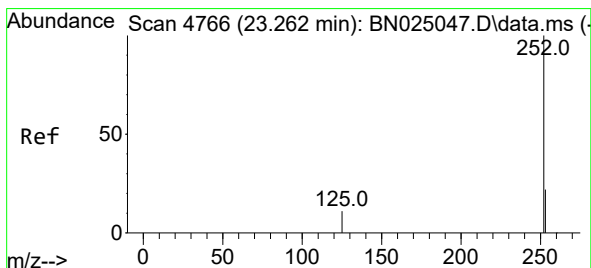
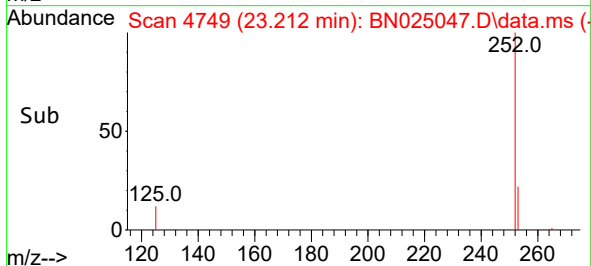
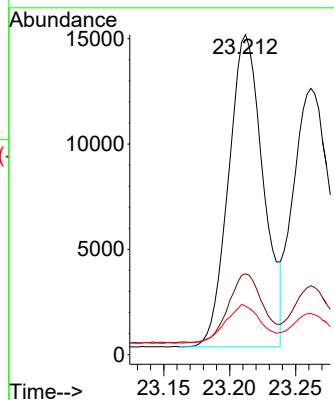


#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 23.212 min Scan# 4749
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

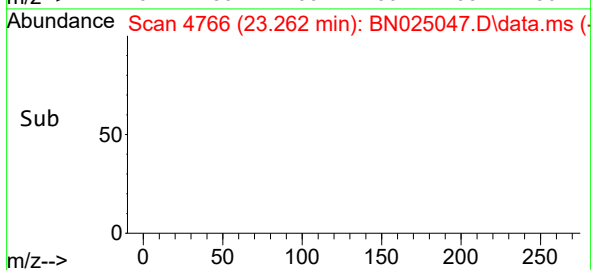
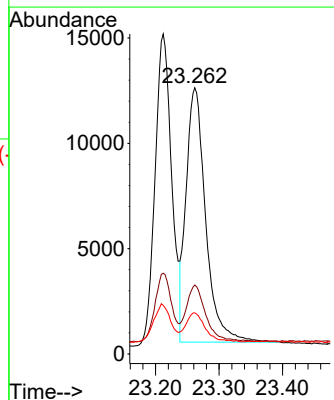
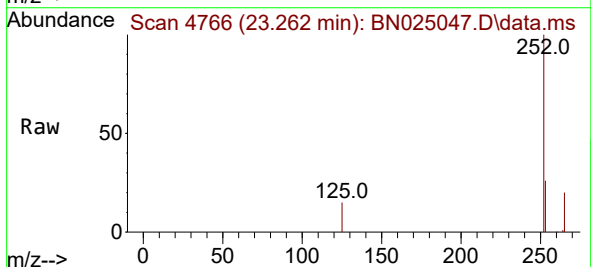


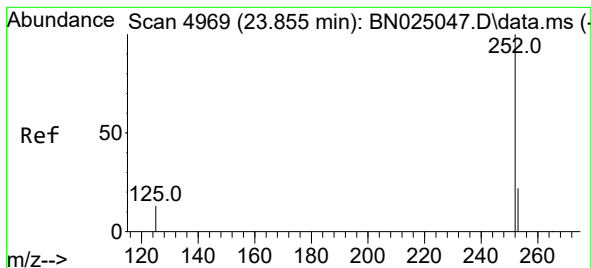
Tgt Ion:252 Resp: 27171
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.2
125 15.2 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.001 min
Lab File: BN025047.D
Acq: 21 Apr 2023 09:54

Tgt Ion:252 Resp: 25830
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.4
125 15.4 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.855 min Scan# 4969

Delta R.T. -0.001 min

Lab File: BN025047.D

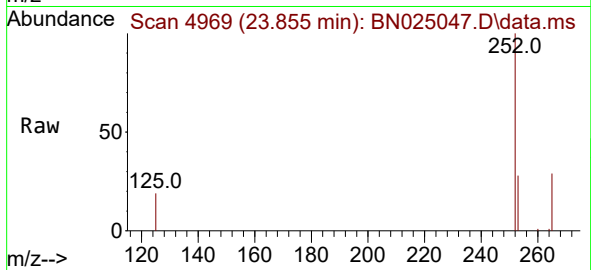
Acq: 21 Apr 2023 09:54

Instrument :

BNA_N

ClientSampleId :

SSTD0.4276



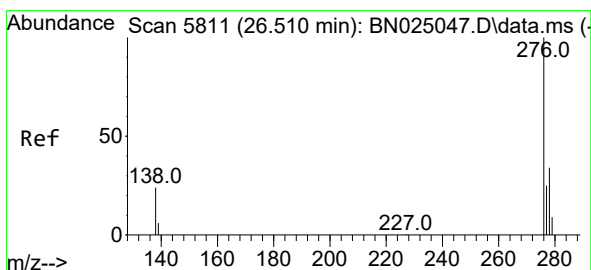
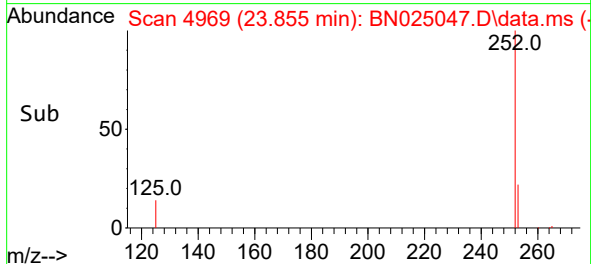
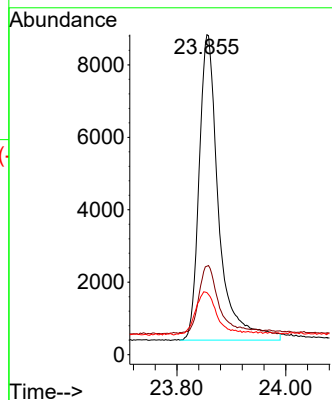
Tgt Ion:252 Resp: 21071

Ion Ratio Lower Upper

252 100

253 27.6 21.4 32.2

125 19.4 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng/ul

RT: 26.510 min Scan# 5811

Delta R.T. -0.001 min

Lab File: BN025047.D

Acq: 21 Apr 2023 09:54

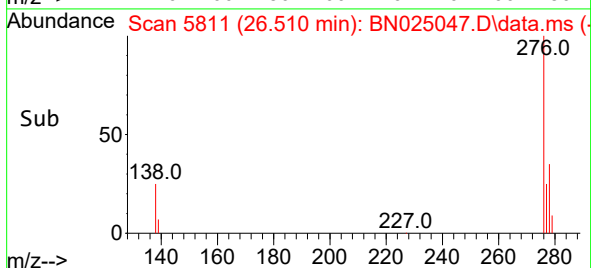
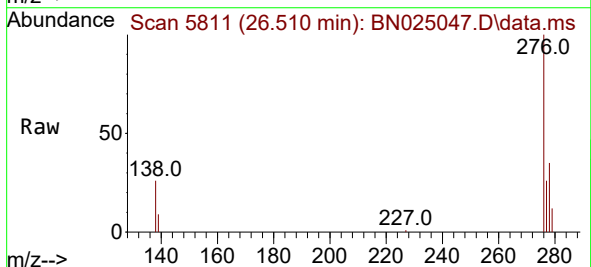
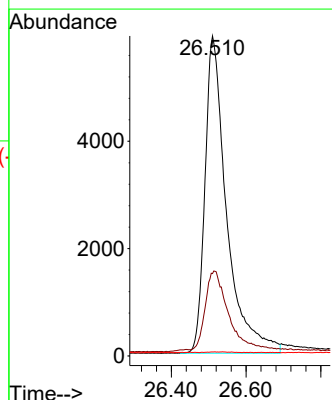
Tgt Ion:276 Resp: 23776

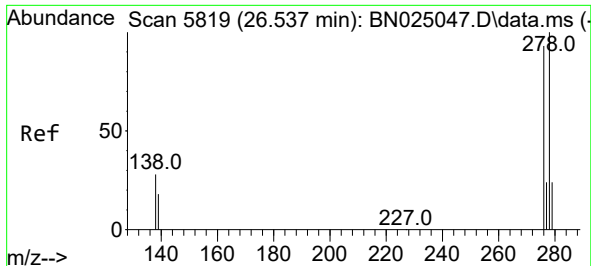
Ion Ratio Lower Upper

276 100

138 26.9 21.9 32.9

227 0.1 0.1 0.1#

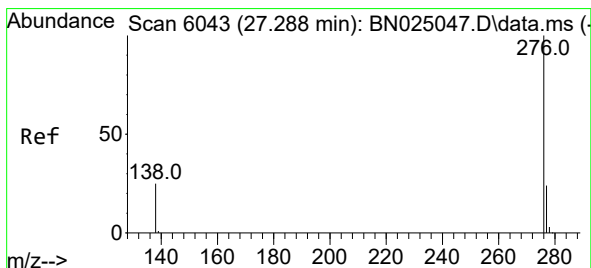
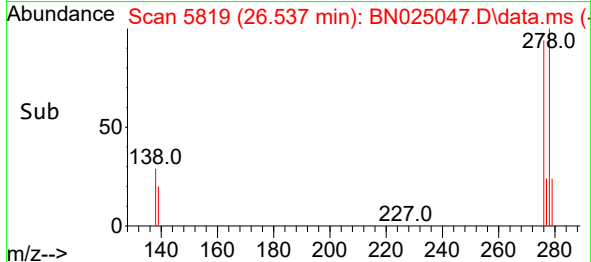
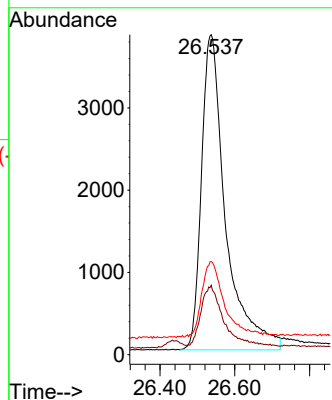
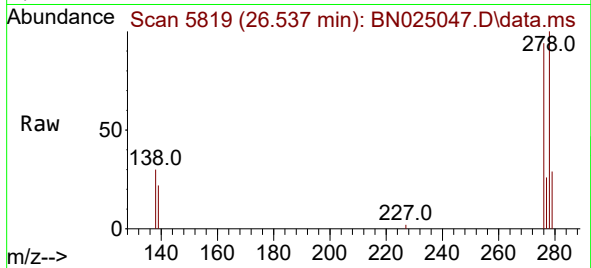




#28
 Dibenzo(a,h)anthracene
 Concen: 0.372 ng/ul
 RT: 26.537 min Scan# 5819
 Delta R.T. -0.001 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4276

Tgt Ion:278 Resp: 17143
 Ion Ratio Lower Upper
 278 100
 139 21.7 17.0 25.6
 279 29.1 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.452 ng/ul
 RT: 27.288 min Scan# 6043
 Delta R.T. -0.004 min
 Lab File: BN025047.D
 Acq: 21 Apr 2023 09:54

Tgt Ion:276 Resp: 22713
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.3 30.5
 277 24.9 19.8 29.6

