

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024168.D
 Acq On : 08 Mar 2023 14:58
 Operator : CG/JU
 Sample : SSTD1.680
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6241

Quant Time: Mar 09 00:50:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 00:47:00 2023
 Response via : Initial Calibration

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

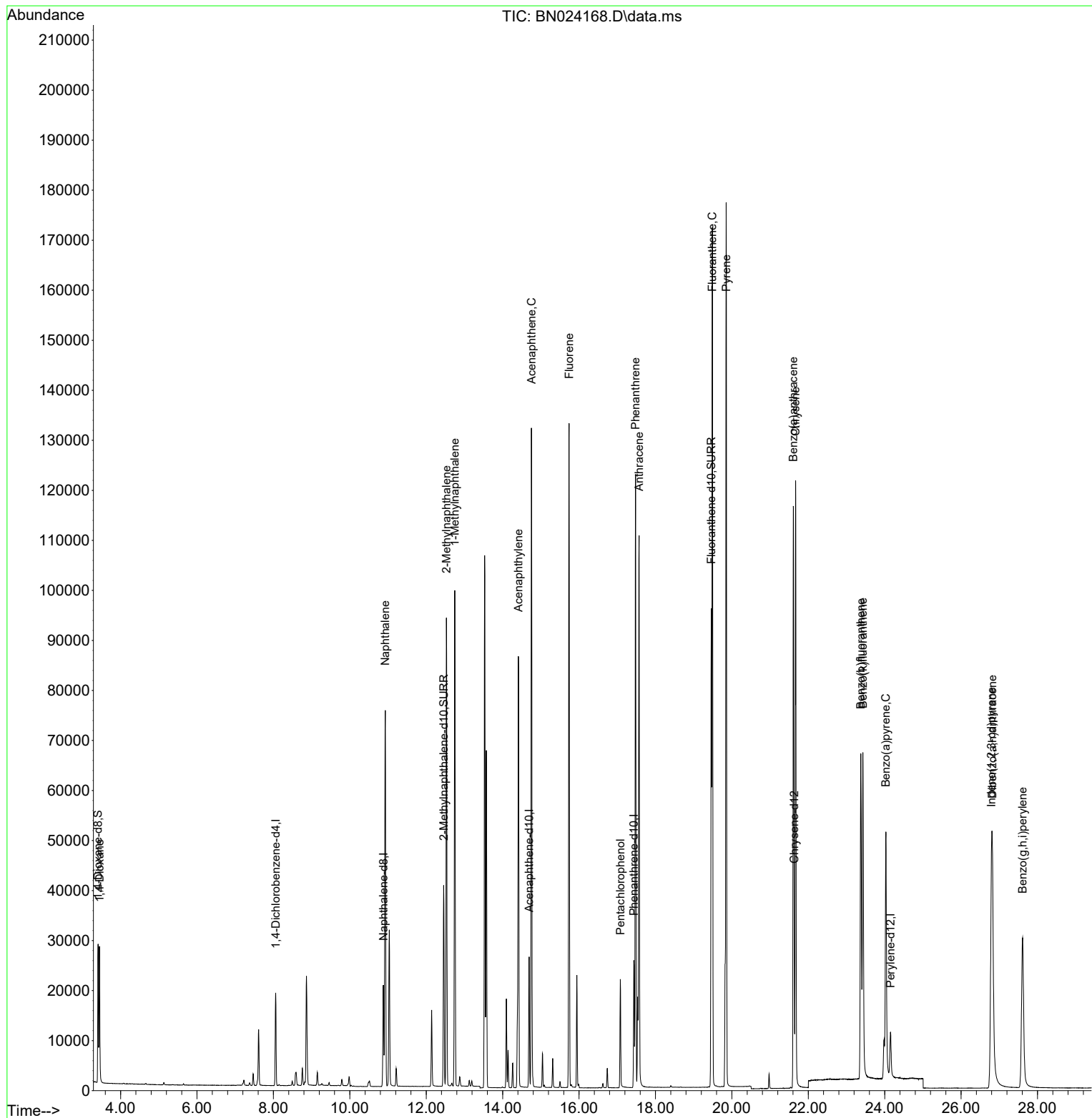
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	9160	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	26444	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	13901	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	27708	0.400	ng/ul	0.00
17) Chrysene-d12	21.630	240	20717	0.400	ng/ul	0.00
23) Perylene-d12	24.152	264	14317	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	15892	1.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	49715	1.202	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	90900	1.633	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	17010	1.635	ng/ul	90
5) Naphthalene	10.927	128	102590	1.418	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	63777	1.356	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	66275	1.376	ng/ul	100
10) Acenaphthylene	14.411	152	96667	1.818	ng/ul	99
11) Acenaphthene	14.754	153	71187	1.521	ng/ul	99
12) Fluorene	15.739	166	82037	1.450	ng/ul	99
14) Pentachlorophenol	17.080	266	13288	1.453	ng/ul#	73
15) Phenanthrene	17.477	178	127100	1.538	ng/ul	100
16) Anthracene	17.570	178	119674	1.731	ng/ul	99
19) Fluoranthene	19.487	202	138164	2.006	ng/ul	97
20) Pyrene	19.850	202	138909	1.948	ng/ul	97
21) Benzo(a)anthracene	21.609	228	106544	1.514	ng/ul	100
22) Chrysene	21.668	228	111062	1.499	ng/ul	99
24) Benzo(b)fluoranthene	23.375	252	97883	1.548	ng/ul	96
25) Benzo(k)fluoranthene	23.430	252	100490	1.625	ng/ul	97
26) Benzo(a)pyrene	24.030	252	81952	1.555	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.794	276	89456	1.210	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.817	278	68430	1.157	ng/ul	96
29) Benzo(g,h,i)perylene	27.609	276	76183	1.253	ng/ul	98

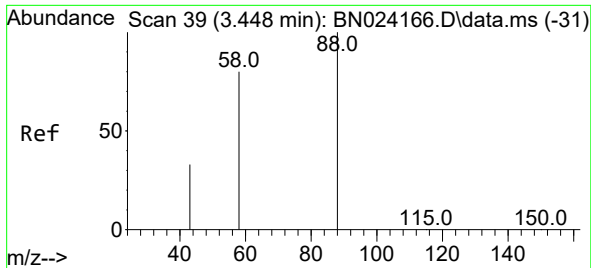
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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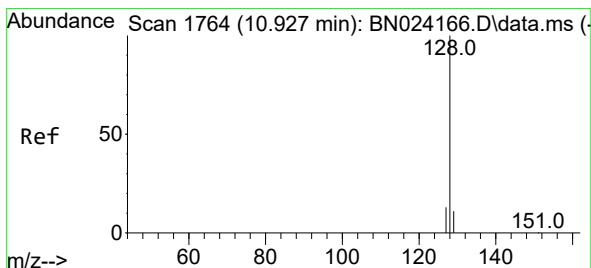
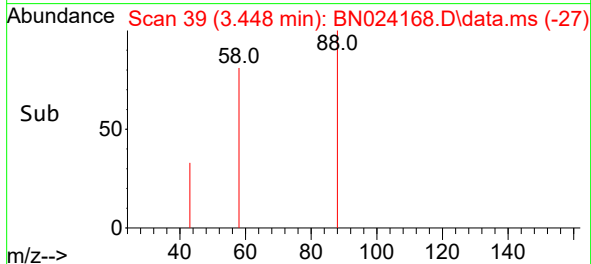
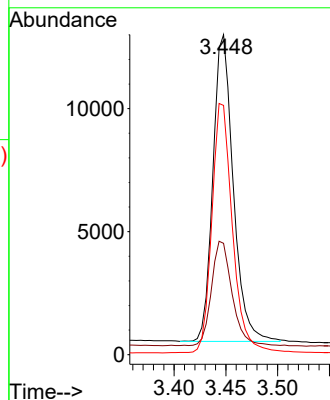
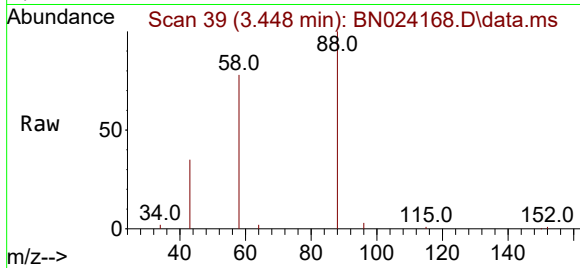




#2
1,4-Dioxane
Concen: 1.635 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

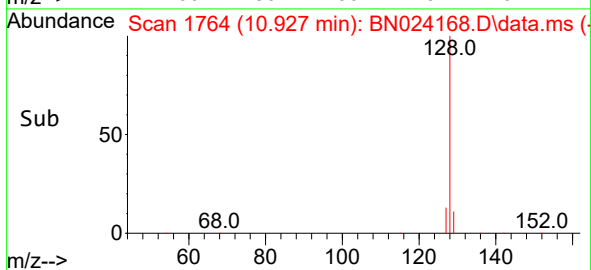
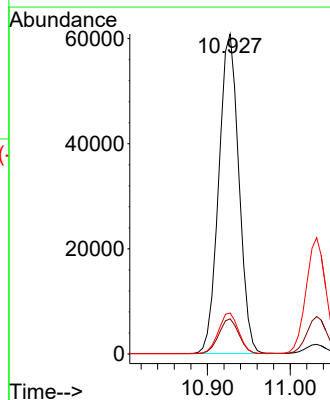
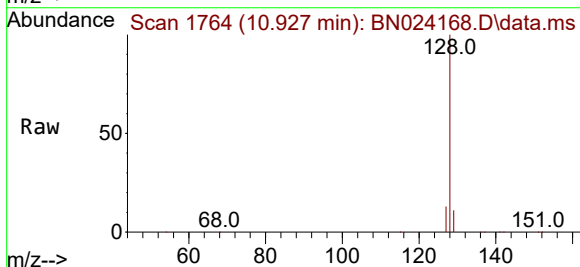
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

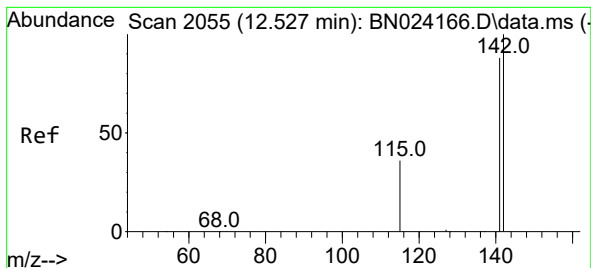
Tgt Ion: 88 Resp: 17010
Ion Ratio Lower Upper
88 100
43 34.8 32.1 48.1
58 77.9 55.1 82.7



#5
Naphthalene
Concen: 1.418 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:128 Resp: 102590
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.5 15.7

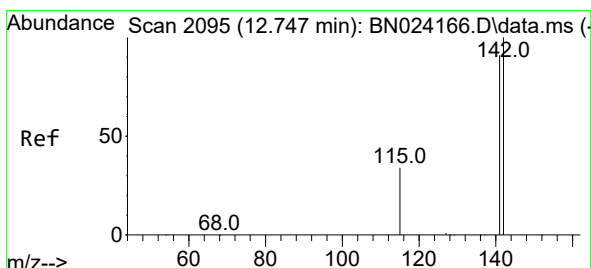
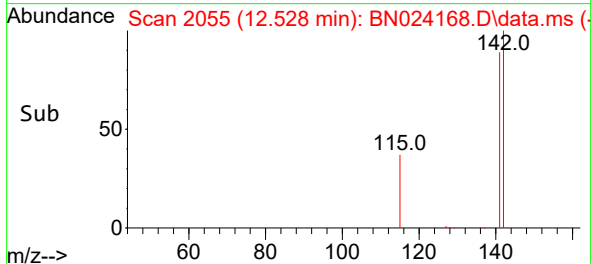
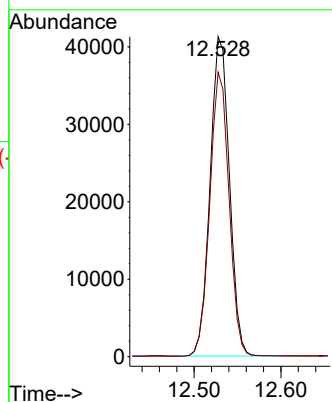
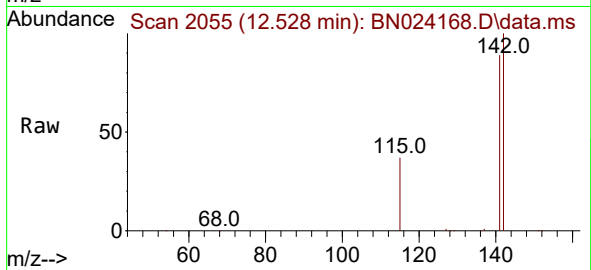




#7
2-Methylnaphthalene
Concen: 1.356 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

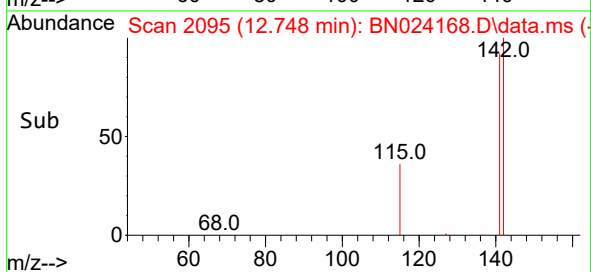
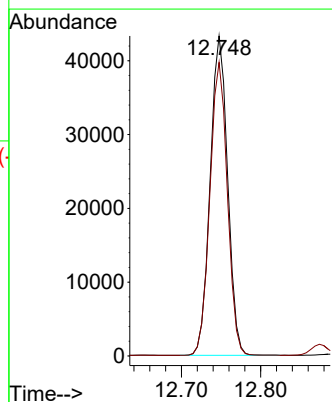
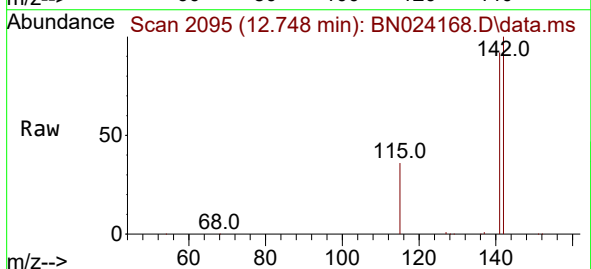
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

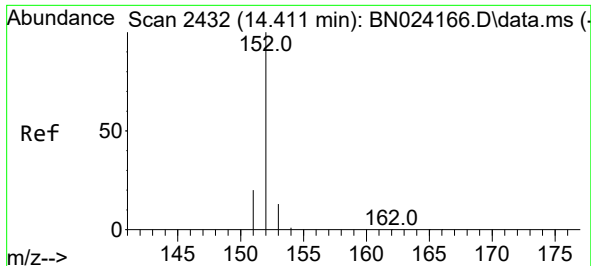
Tgt Ion:142 Resp: 63777
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 1.376 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:142 Resp: 66275
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6

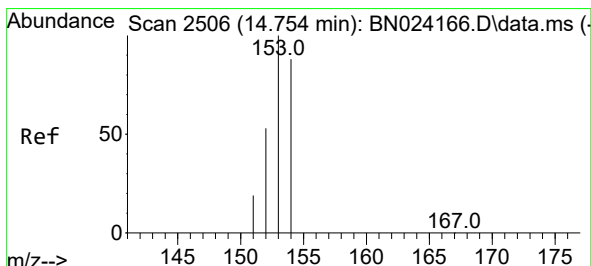
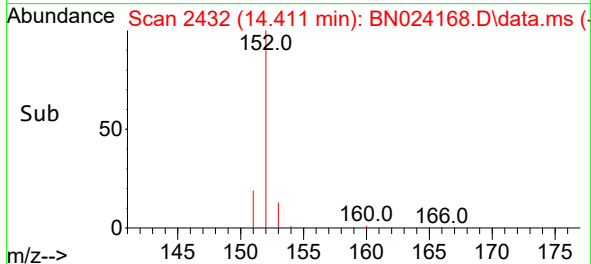
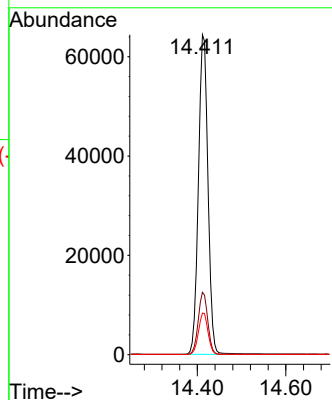
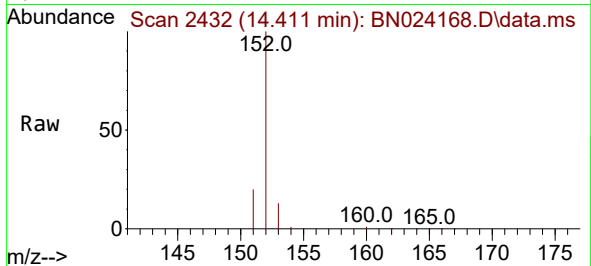




#10
Acenaphthylene
Concen: 1.818 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

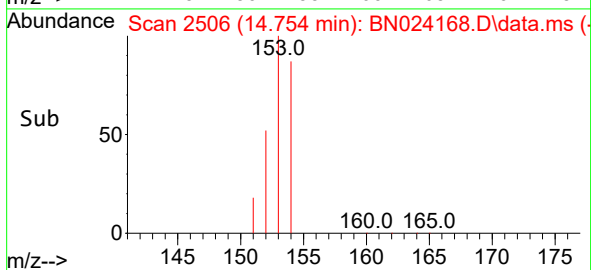
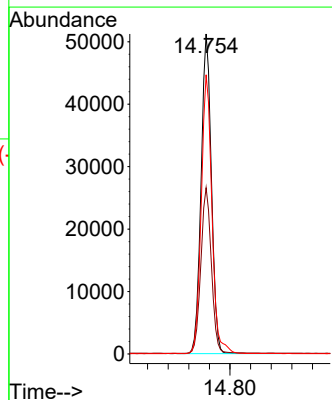
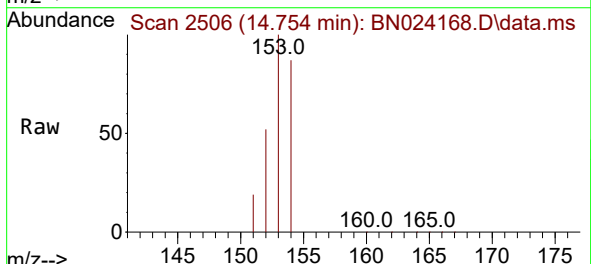
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

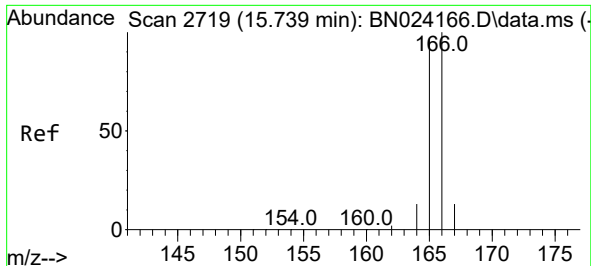
Tgt Ion:152 Resp: 96667
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.0 10.6 16.0



#11
Acenaphthene
Concen: 1.521 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:153 Resp: 71187
Ion Ratio Lower Upper
153 100
152 52.0 42.6 64.0
154 87.2 70.6 105.8

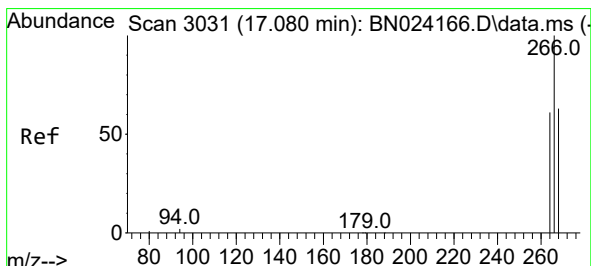
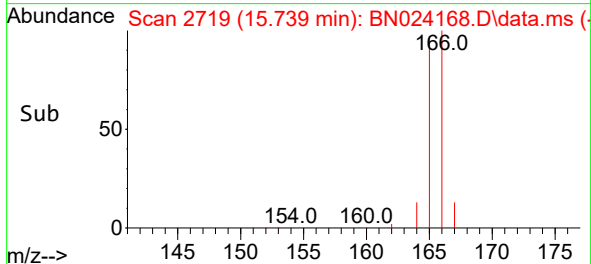
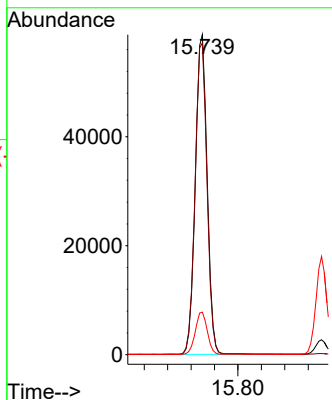
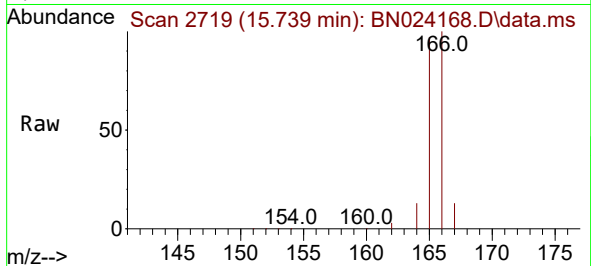




#12
 Fluorene
 Concen: 1.450 ng/ul
 RT: 15.739 min Scan# 2719
 Delta R.T. 0.000 min
 Lab File: BN024168.D
 Acq: 08 Mar 2023 14:58

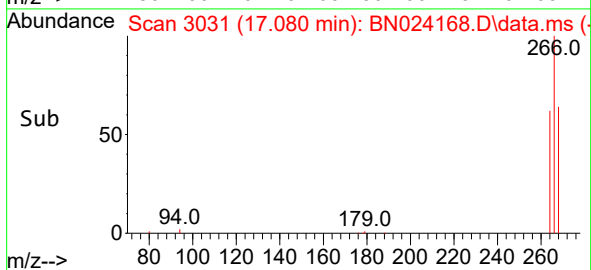
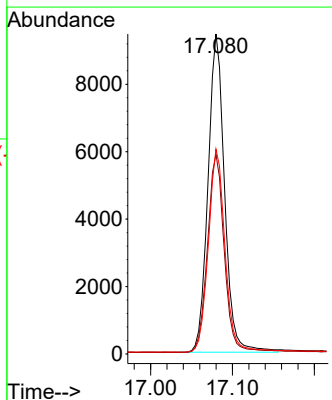
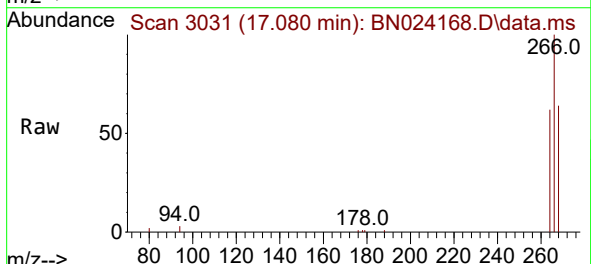
Instrument :
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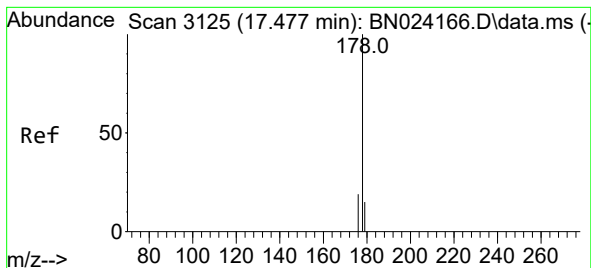
Tgt Ion:166 Resp: 82037
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.4 116.0
 167 13.3 10.9 16.3



#14
 Pentachlorophenol
 Concen: 1.453 ng/ul
 RT: 17.080 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: BN024168.D
 Acq: 08 Mar 2023 14:58

Tgt Ion:266 Resp: 13288
 Ion Ratio Lower Upper
 266 100
 264 63.1 0.0 0.0#
 268 64.2 0.1 0.1#





#15

Phenanthrene

Concen: 1.538 ng/ul

RT: 17.477 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6241

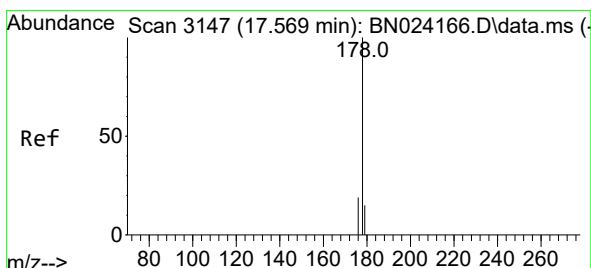
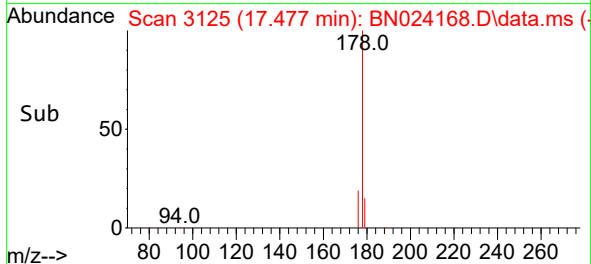
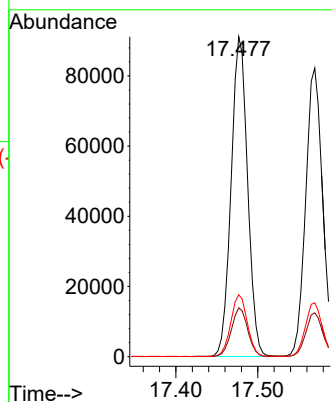
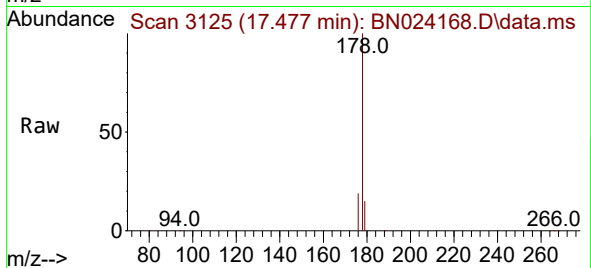
Tgt Ion:178 Resp: 127100

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 19.4 15.7 23.5



#16

Anthracene

Concen: 1.731 ng/ul

RT: 17.570 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

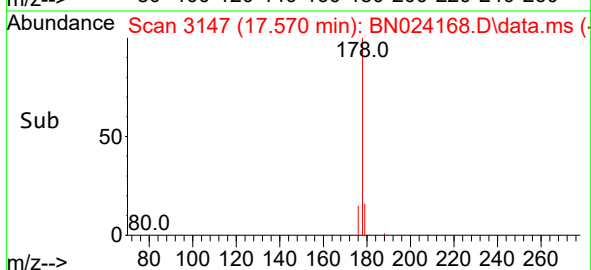
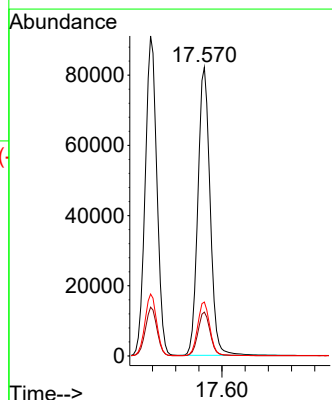
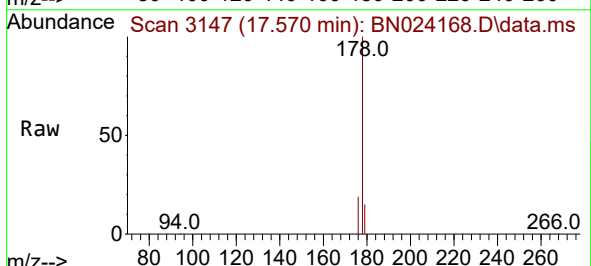
Tgt Ion:178 Resp: 119674

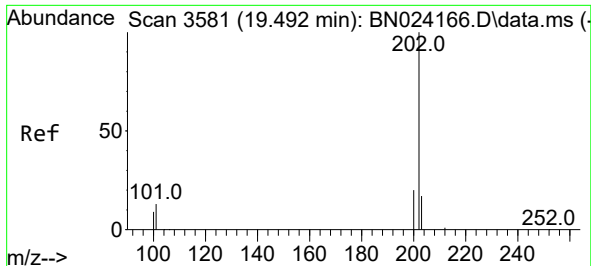
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.7 15.3 22.9

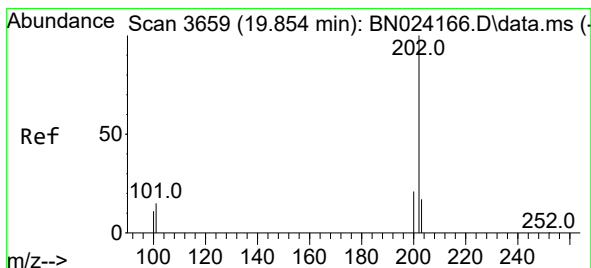
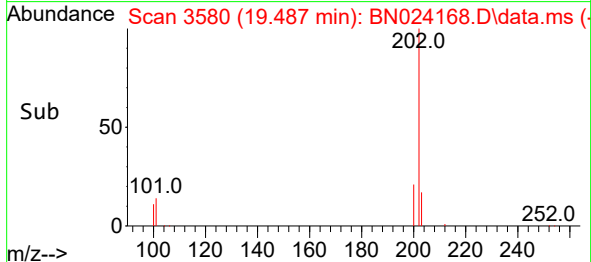
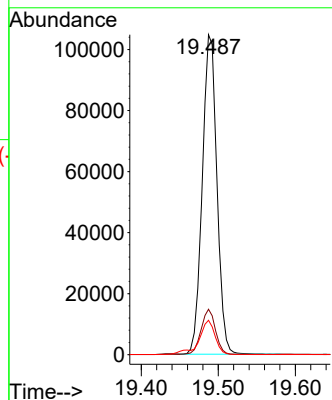
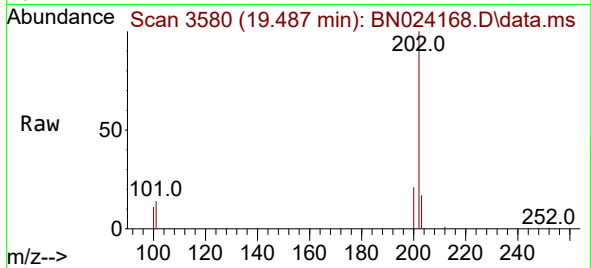




#19
Fluoranthene
Concen: 2.006 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

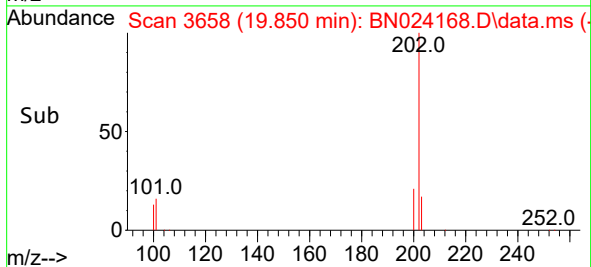
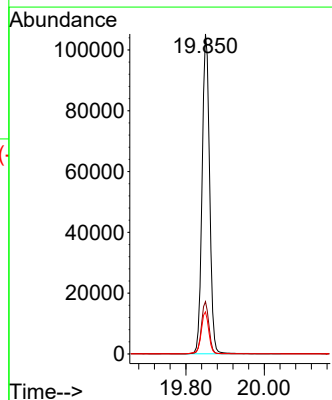
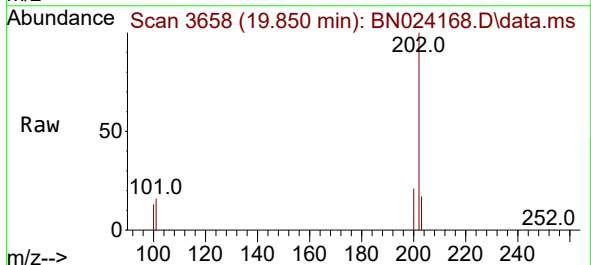
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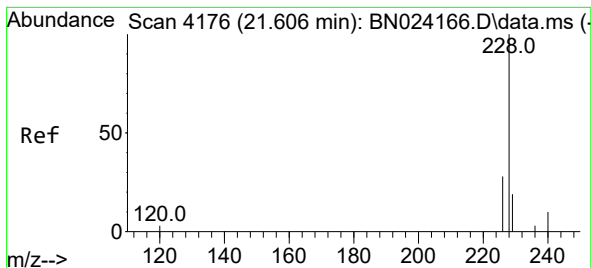
Tgt Ion:202 Resp: 138164
Ion Ratio Lower Upper
202 100
101 14.2 10.4 15.6
100 10.8 7.7 11.5



#20
Pyrene
Concen: 1.948 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.004 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:202 Resp: 138909
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 13.1 9.4 14.0





#21

Benzo(a)anthracene

Concen: 1.514 ng/ul

RT: 21.609 min Scan# 4177

Delta R.T. 0.003 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6241

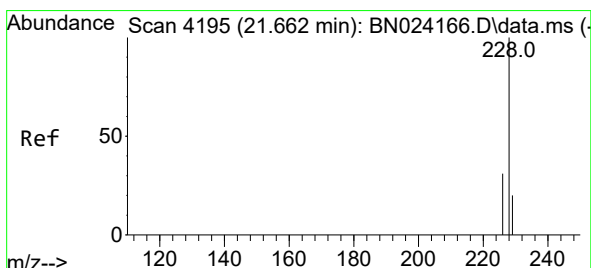
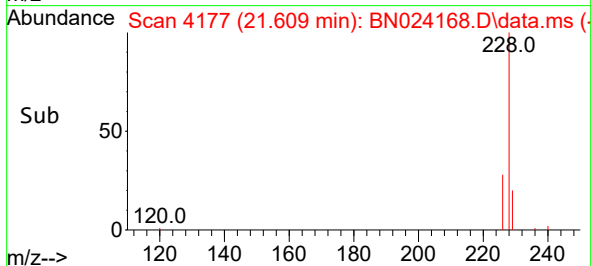
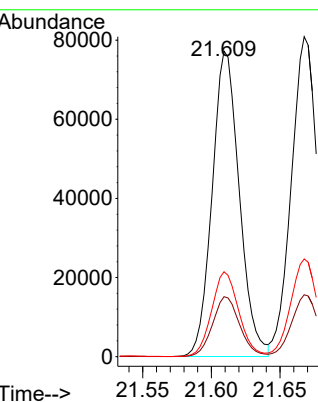
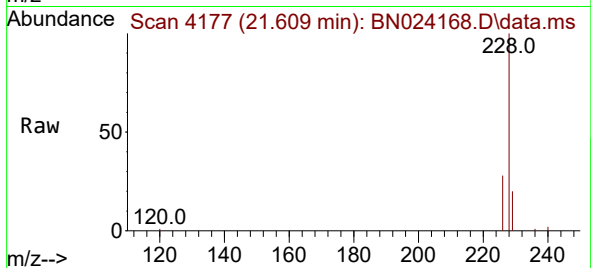
Tgt Ion:228 Resp: 106544

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.8 22.2 33.4



#22

Chrysene

Concen: 1.499 ng/ul

RT: 21.668 min Scan# 4197

Delta R.T. 0.006 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

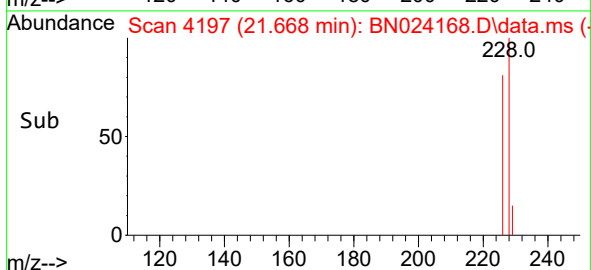
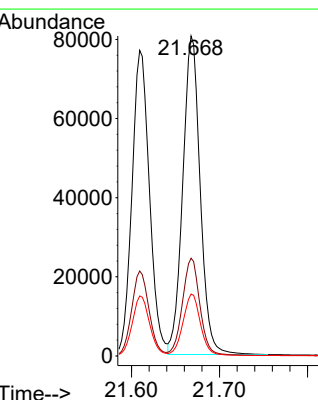
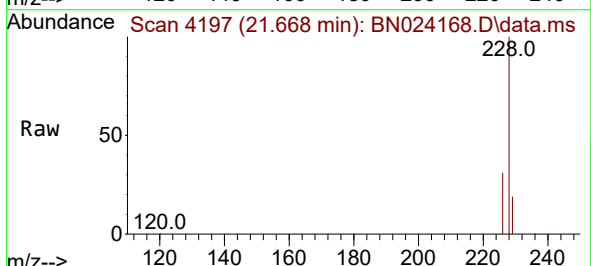
Tgt Ion:228 Resp: 111062

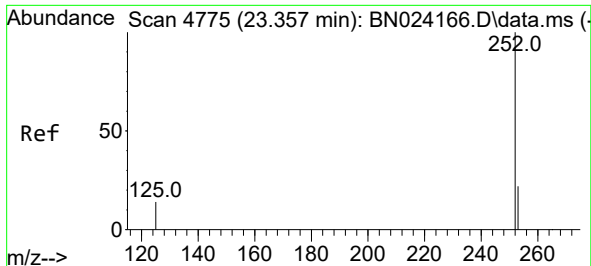
Ion Ratio Lower Upper

228 100

226 30.6 24.8 37.2

229 19.4 15.8 23.6

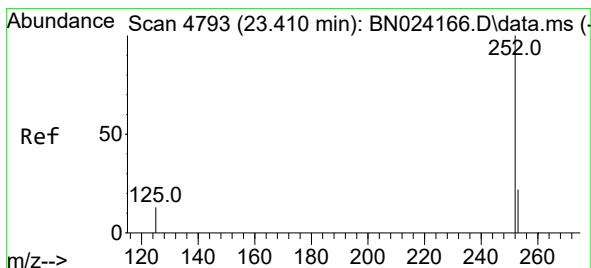
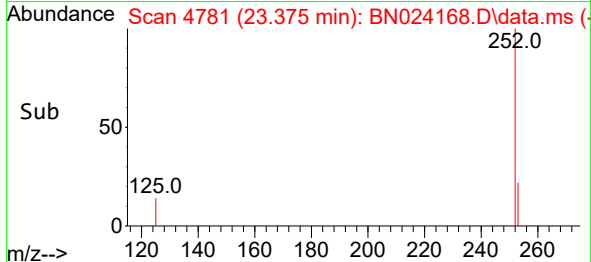
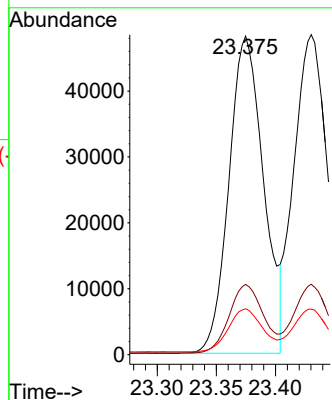
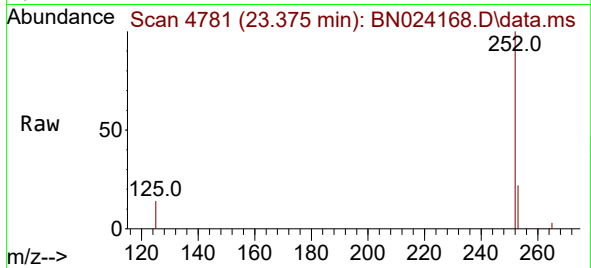




#24
Benzo(b)fluoranthene
Concen: 1.548 ng/ul
RT: 23.375 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

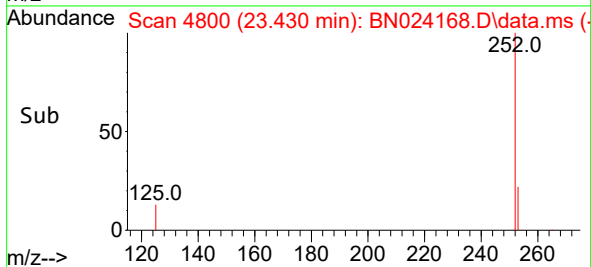
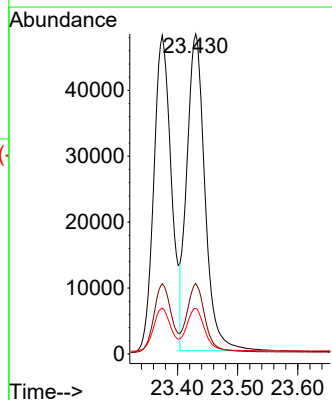
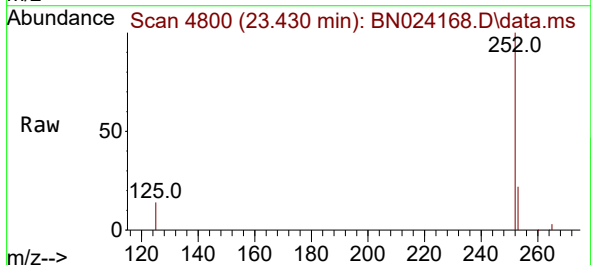
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

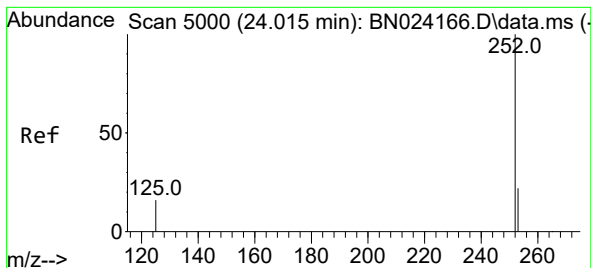
Tgt Ion:252 Resp: 97883
Ion Ratio Lower Upper
252 100
253 22.0 0.0 46.2
125 14.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 1.625 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.021 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:252 Resp: 100490
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 14.3 13.2 19.8





#26

Benzo(a)pyrene

Concen: 1.555 ng/ul

RT: 24.030 min Scan# 5005

Delta R.T. 0.015 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

Instrument :

BNA_N

ClientSampleId :

SSTD1.6241

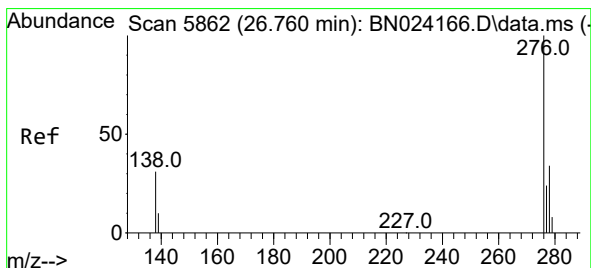
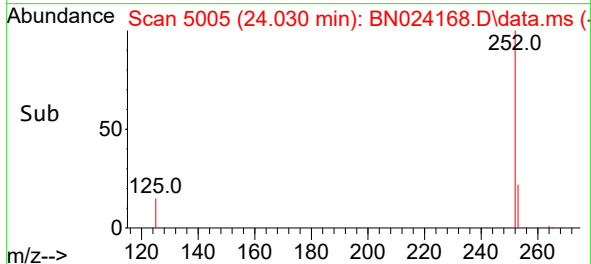
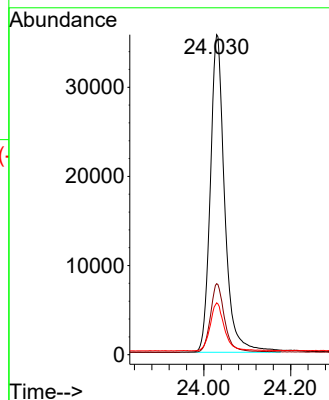
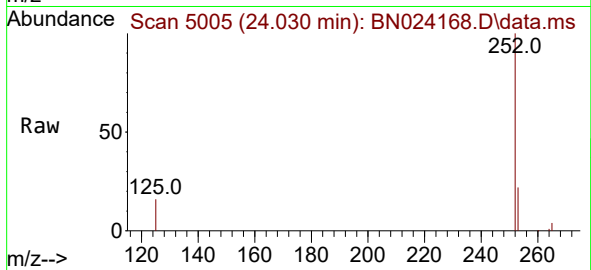
Tgt Ion:252 Resp: 81952

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

125 16.2 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.210 ng/ul

RT: 26.794 min Scan# 5872

Delta R.T. 0.034 min

Lab File: BN024168.D

Acq: 08 Mar 2023 14:58

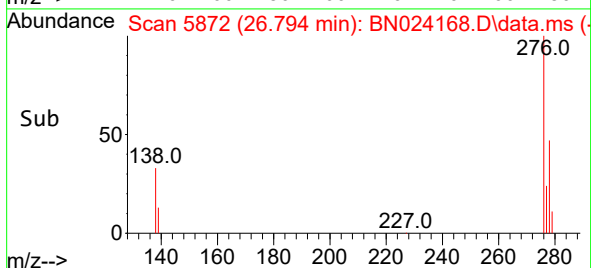
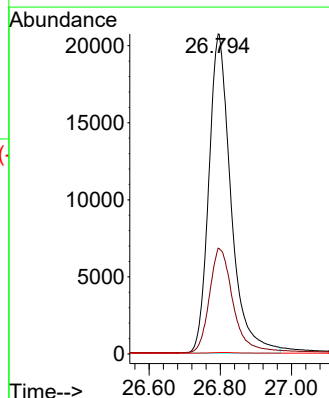
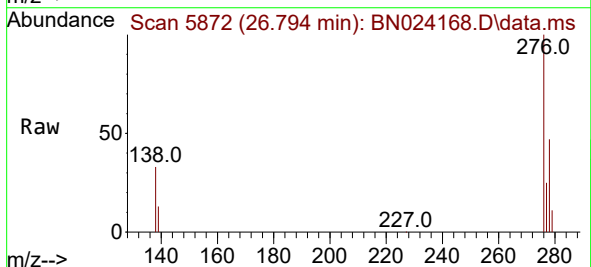
Tgt Ion:276 Resp: 89456

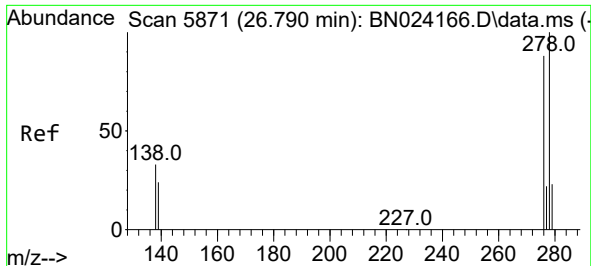
Ion Ratio Lower Upper

276 100

138 34.8 0.0 0.0#

227 0.2 0.0 0.0#

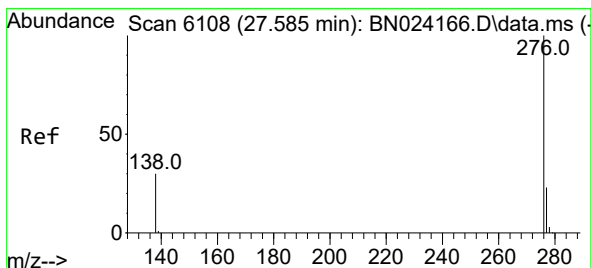
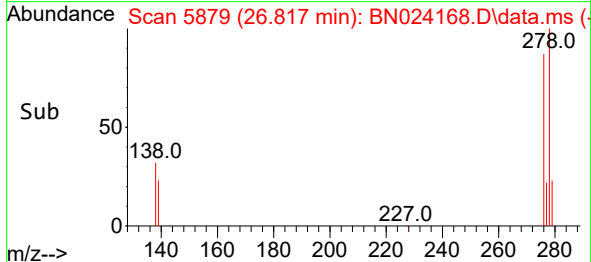
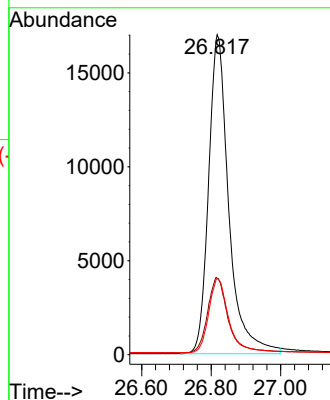
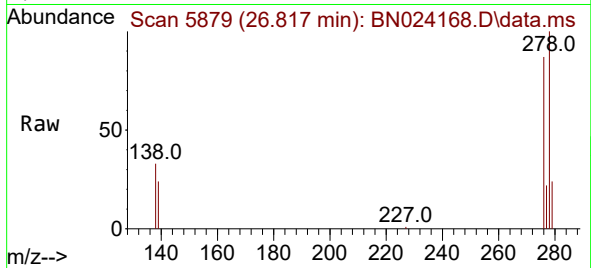




#28
Dibenzo(a,h)anthracene
Concen: 1.157 ng/ul
RT: 26.817 min Scan# 5879
Delta R.T. 0.027 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:278 Resp: 68430
Ion Ratio Lower Upper
278 100
139 23.8 21.0 31.6
279 23.8 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 1.253 ng/ul
RT: 27.609 min Scan# 6115
Delta R.T. 0.024 min
Lab File: BN024168.D
Acq: 08 Mar 2023 14:58

Tgt Ion:276 Resp: 76183
Ion Ratio Lower Upper
276 100
138 30.5 25.2 37.8
277 23.6 19.4 29.2

