

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024181.D
 Acq On : 08 Mar 2023 23:36
 Operator : CG/JU
 Sample : 01746-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE6

Quant Time: Mar 09 03:52:17 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 03:48:21 2023
 Response via : Initial Calibration

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

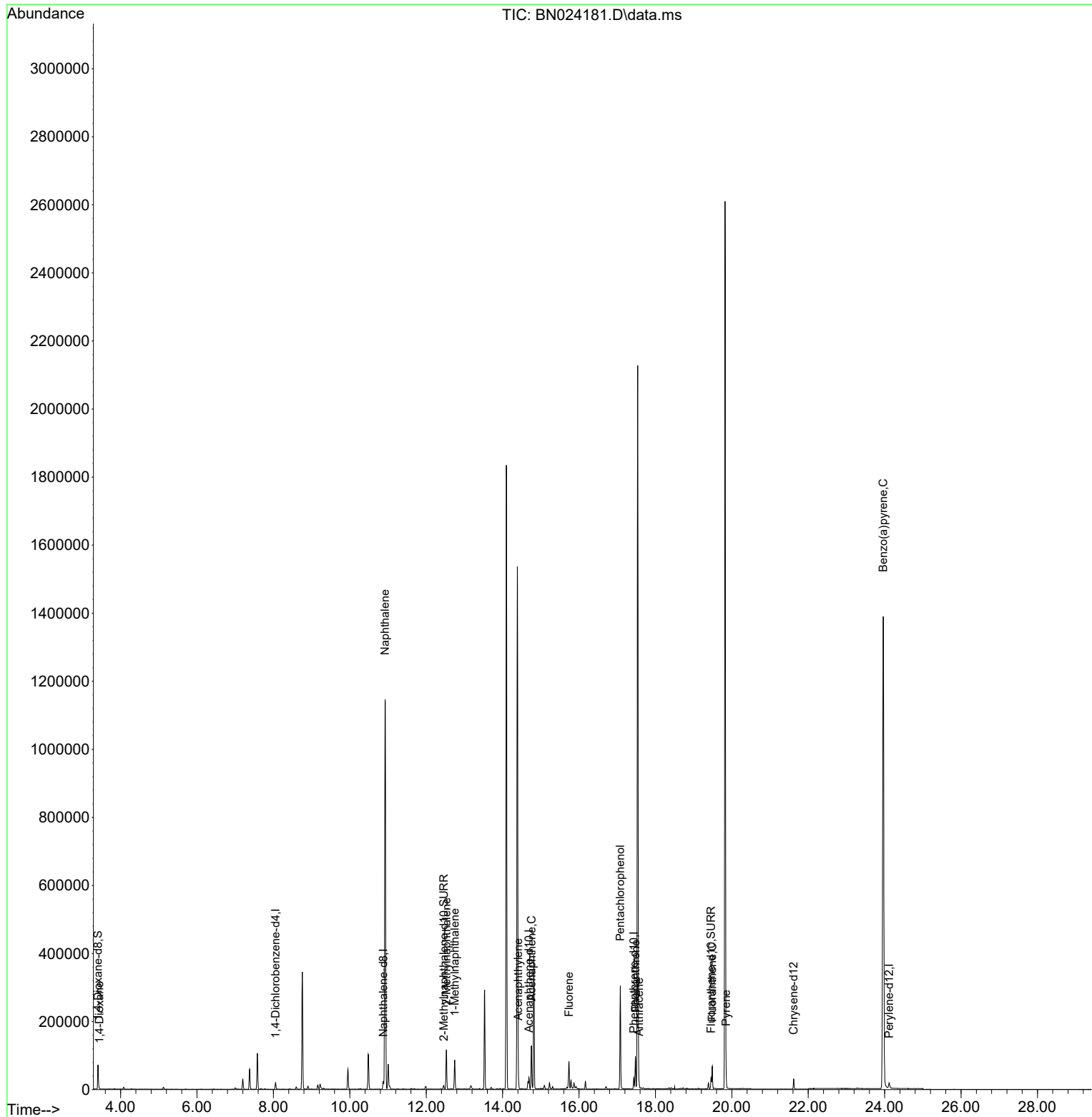
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9557	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	29686	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	18072	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	35539	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	26230	0.400	ng/ul	0.00
23) Perylene-d12	24.117	264	24279	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	43783	4.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	13030	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	31645	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	244	0.021	ng/ul#	31
5) Naphthalene	10.922	128	1583342	21.368	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	78697	1.751	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	56945	1.205	ng/ul	100
10) Acenaphthylene	14.411	152	29646	0.393	ng/ul	98
11) Acenaphthene	14.754	153	71696	1.234	ng/ul	98
12) Fluorene	15.735	166	53065	0.818	ng/ul#	97
14) Pentachlorophenol	17.080	266	181554	18.392	ng/ul#	73
15) Phenanthrene	17.477	178	99541	0.978	ng/ul	100
16) Anthracene	17.570	178	17880	0.200	ng/ul	96
19) Fluoranthene	19.487	202	54582	0.523	ng/ul	100
20) Pyrene	19.850	202	26094	0.246	ng/ul	96
26) Benzo(a)pyrene	23.962	252	8607	0.108	ng/ul#	71

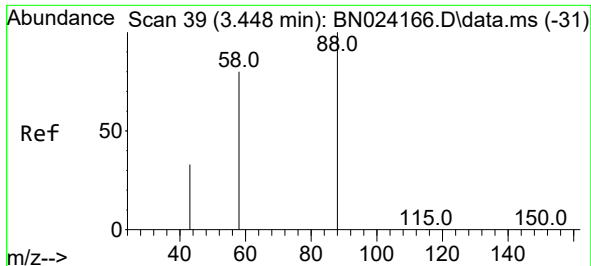
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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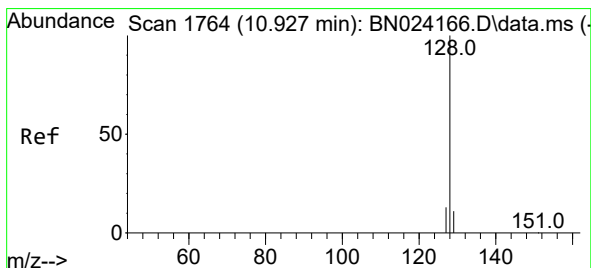
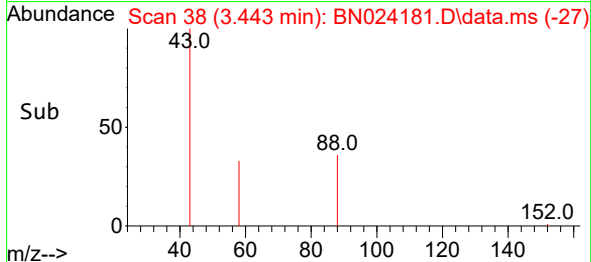
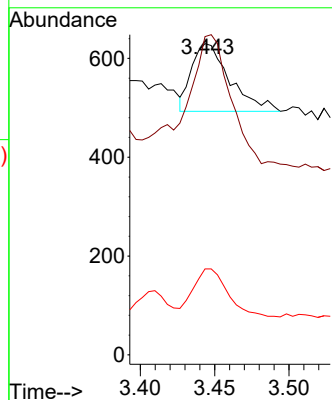
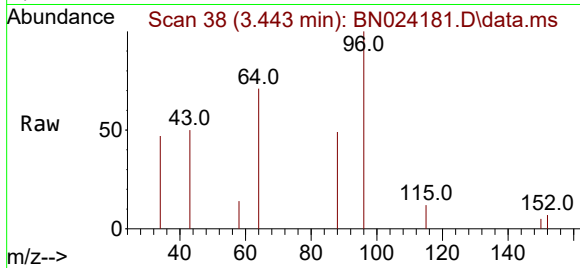




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

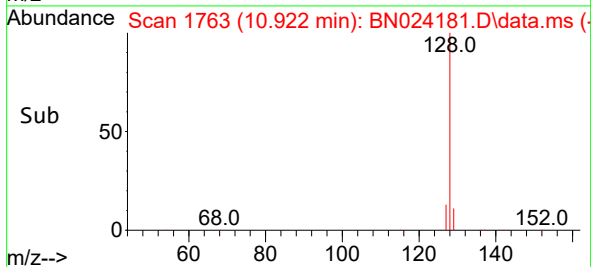
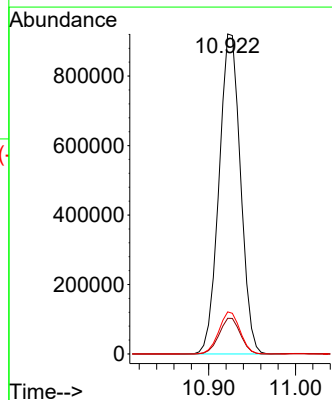
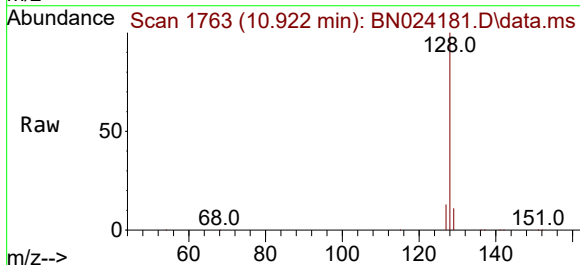
Instrument :
BNA_N
ClientSampleId :
DCAE6

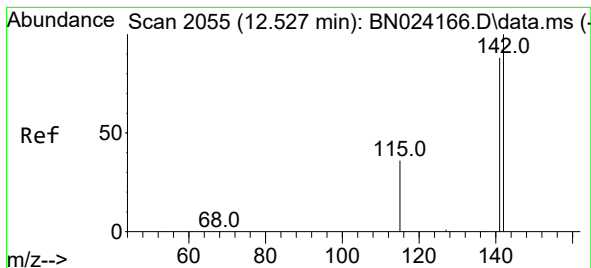
Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
43 102.2 32.1 48.1#
58 27.6 55.1 82.7#



#5
Naphthalene
Concen: 21.368 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

Tgt Ion: 128 Resp: 1583342
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.5 15.7

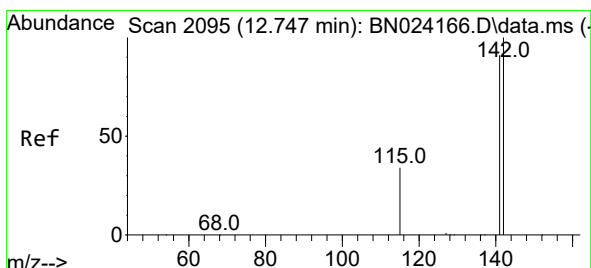
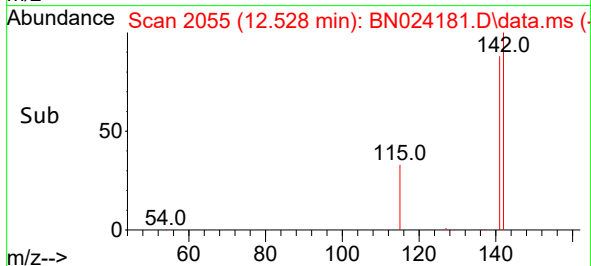
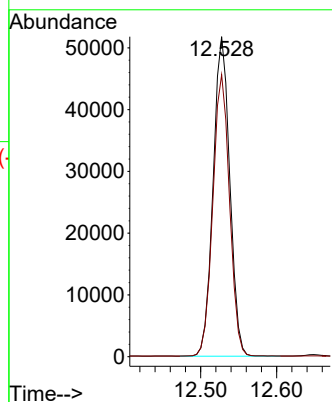
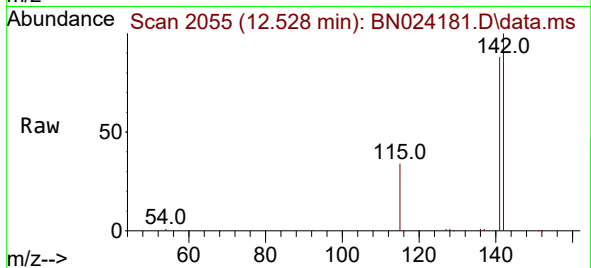




#7
2-Methylnaphthalene
Concen: 1.751 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

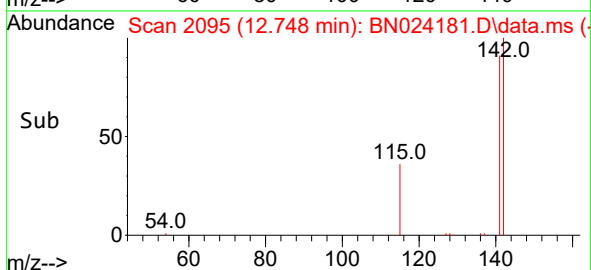
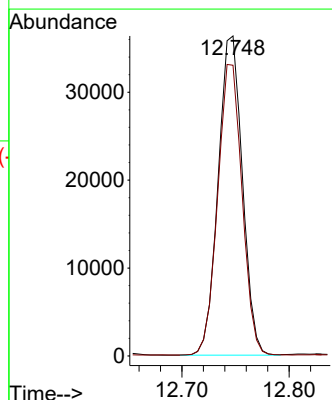
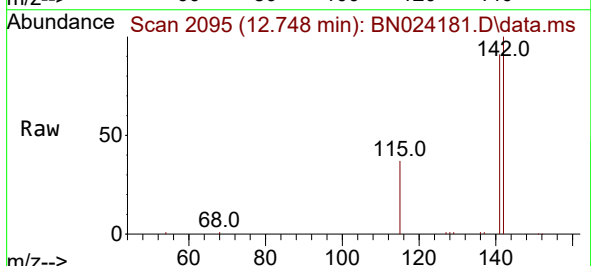
Instrument :
BNA_N
ClientSampleId :
DCAE6

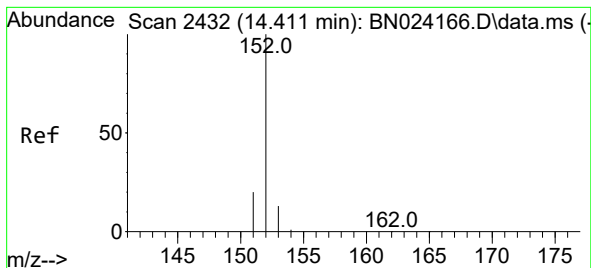
Tgt Ion:142 Resp: 78697
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 1.205 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

Tgt Ion:142 Resp: 56945
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6





#10

Acenaphthylene

Concen: 0.393 ng/ul

RT: 14.411 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

Instrument :

BNA_N

ClientSampleId :

DCAE6

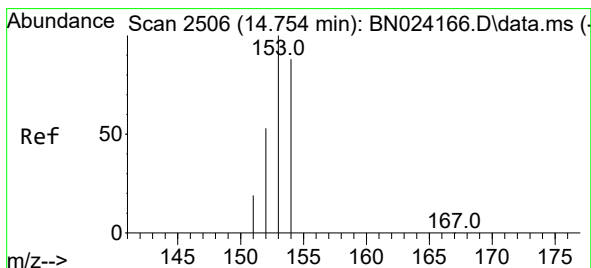
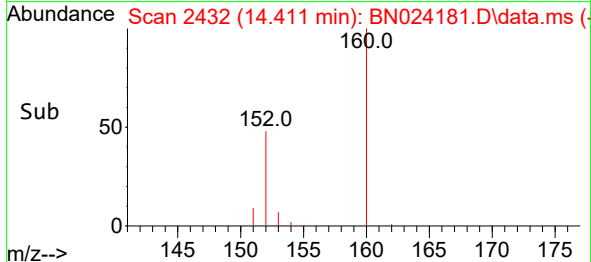
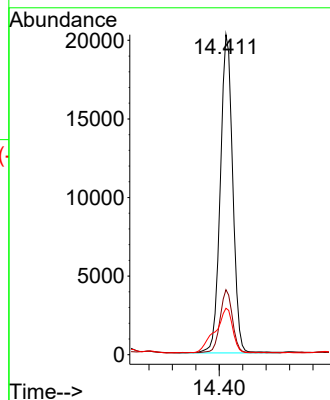
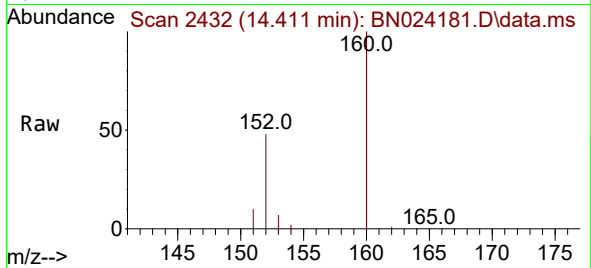
Tgt Ion:152 Resp: 29646

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 14.5 10.6 16.0



#11

Acenaphthene

Concen: 1.234 ng/ul

RT: 14.754 min Scan# 2506

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

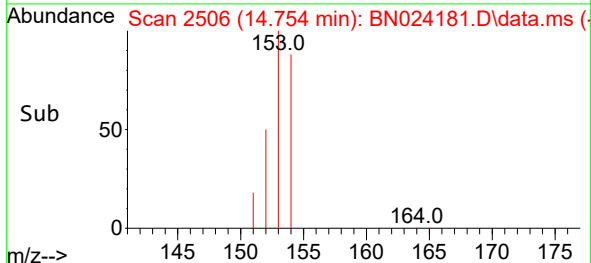
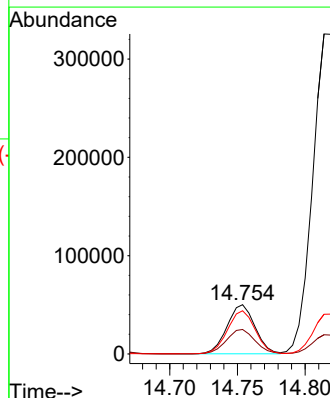
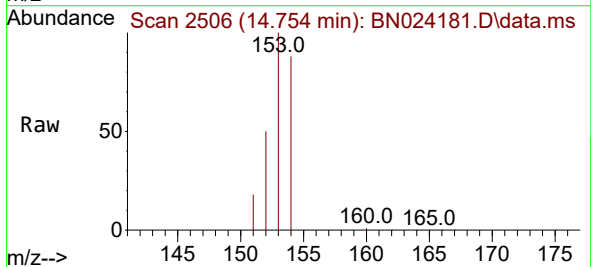
Tgt Ion:153 Resp: 71696

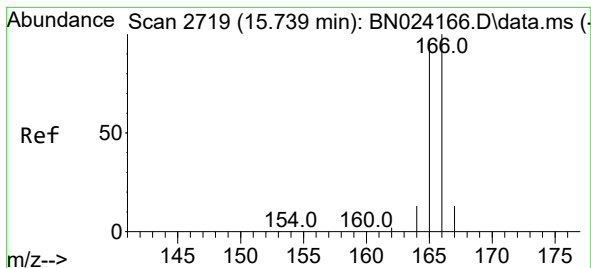
Ion Ratio Lower Upper

153 100

152 49.7 42.6 64.0

154 87.7 70.6 105.8





#12

Fluorene

Concen: 0.818 ng/ul

RT: 15.735 min Scan# 2718

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

Instrument :

BNA_N

ClientSampleId :

DCAE6

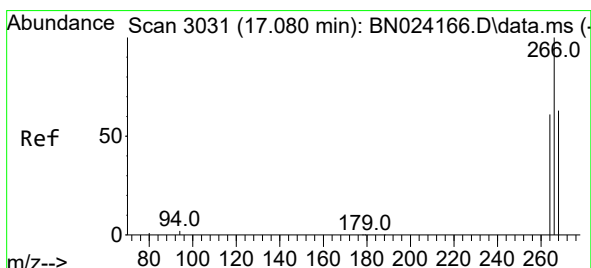
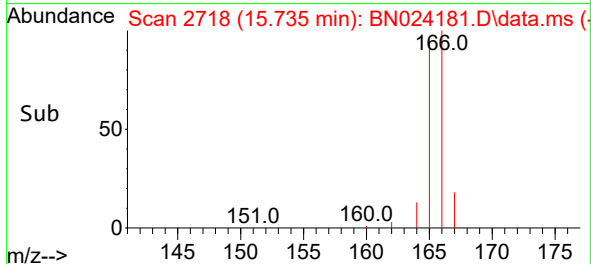
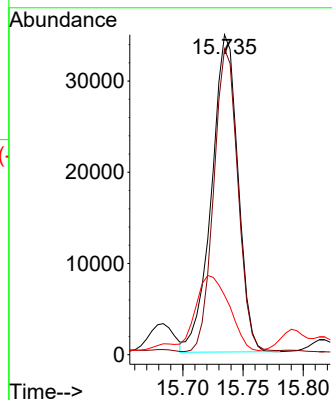
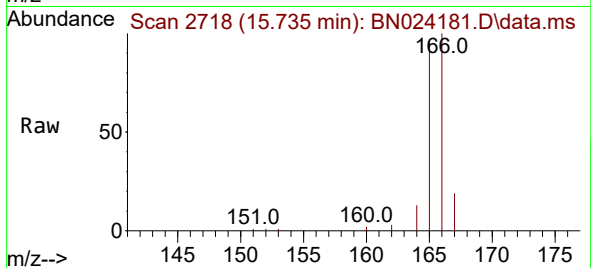
Tgt Ion:166 Resp: 53065

Ion Ratio Lower Upper

166 100

165 95.6 77.4 116.0

167 18.5 10.9 16.3#



#14

Pentachlorophenol

Concen: 18.392 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

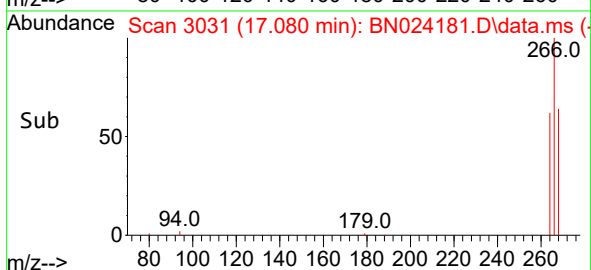
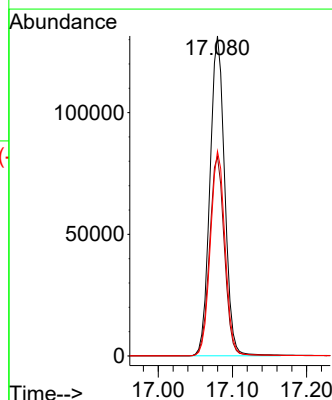
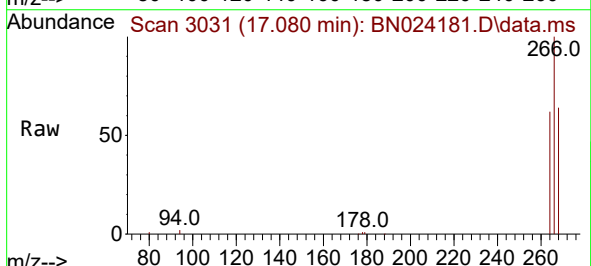
Tgt Ion:266 Resp: 181554

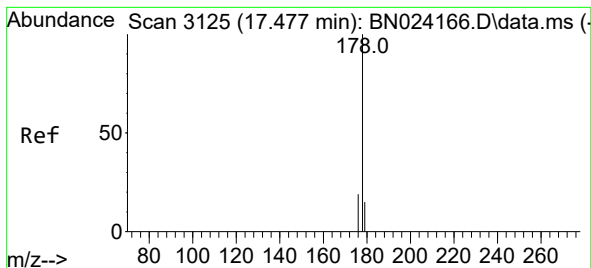
Ion Ratio Lower Upper

266 100

264 62.8 0.0 0.0#

268 64.0 0.1 0.1#





#15

Phenanthrene

Concen: 0.978 ng/ul

RT: 17.477 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

Instrument :

BNA_N

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DCAE6

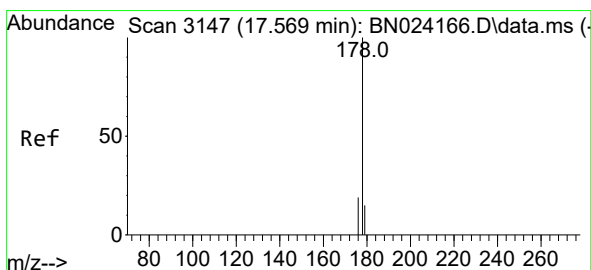
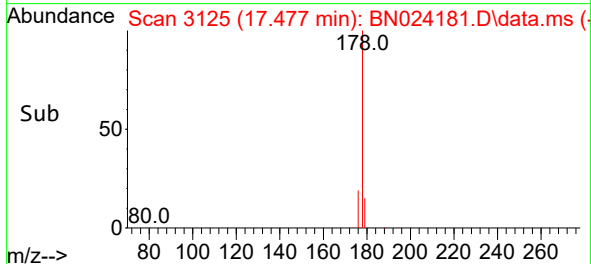
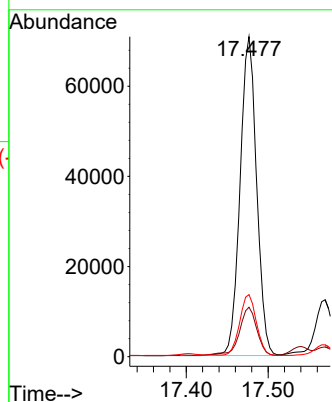
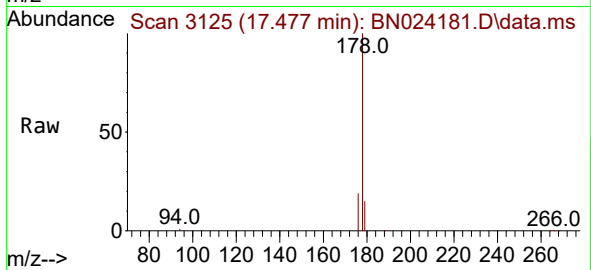
Tgt Ion:178 Resp: 99541

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.4 15.7 23.5



#16

Anthracene

Concen: 0.200 ng/ul

RT: 17.570 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BN024181.D

Acq: 08 Mar 2023 23:36

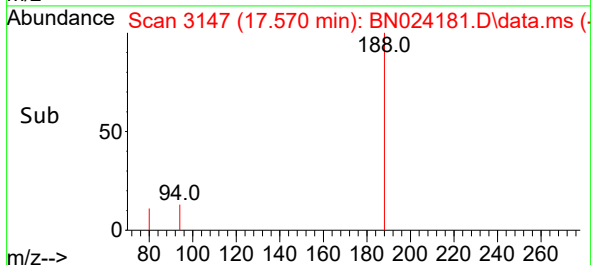
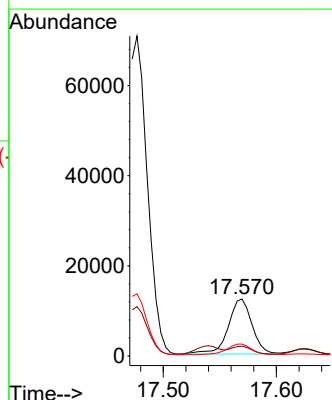
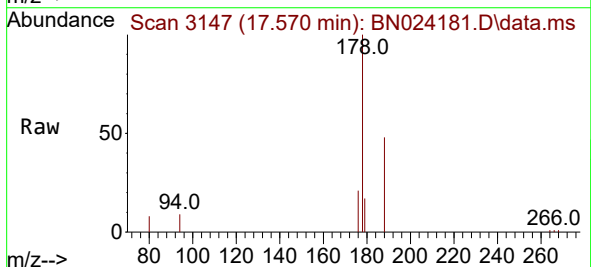
Tgt Ion:178 Resp: 17880

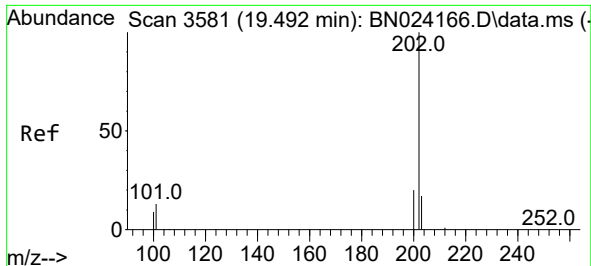
Ion Ratio Lower Upper

178 100

179 17.1 12.3 18.5

176 20.8 15.3 22.9

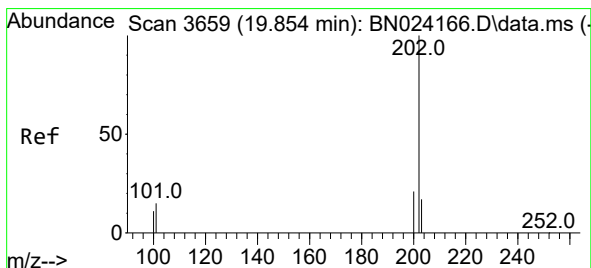
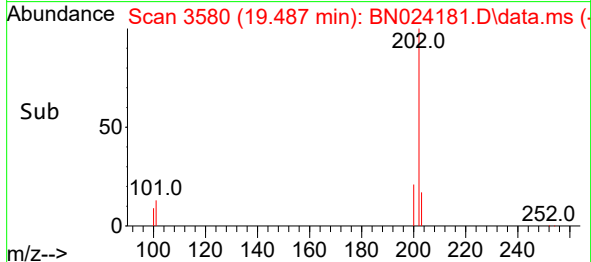
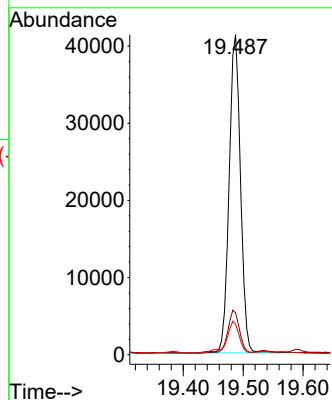
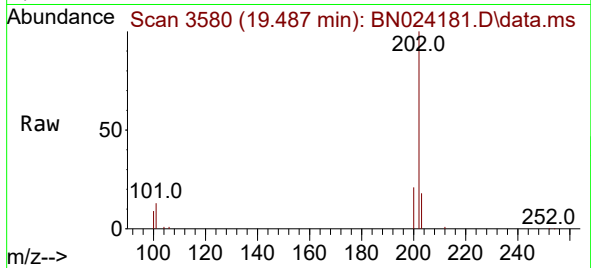




#19
Fluoranthene
Concen: 0.523 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

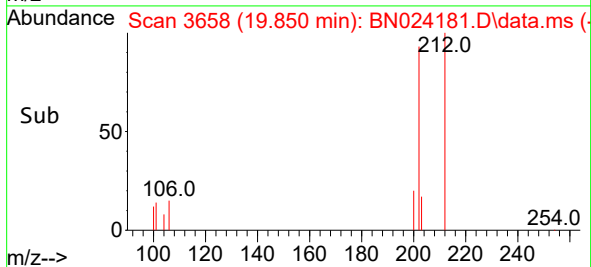
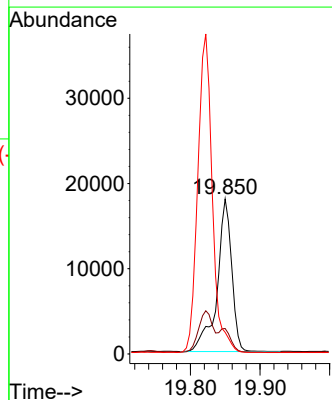
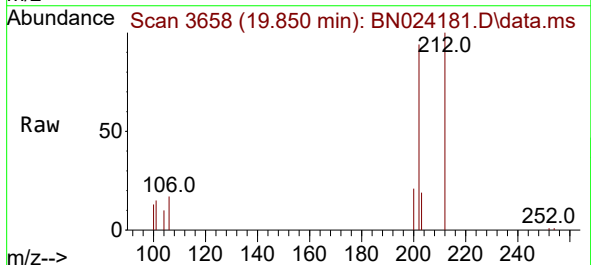
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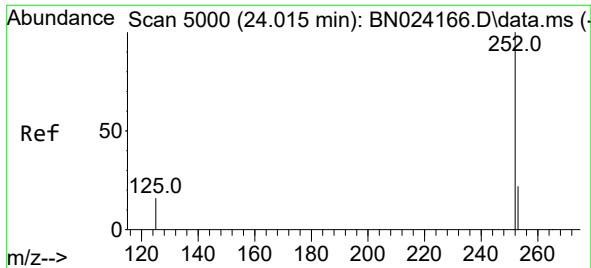
Tgt Ion:202 Resp: 54582
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 9.5 7.7 11.5



#20
Pyrene
Concen: 0.246 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

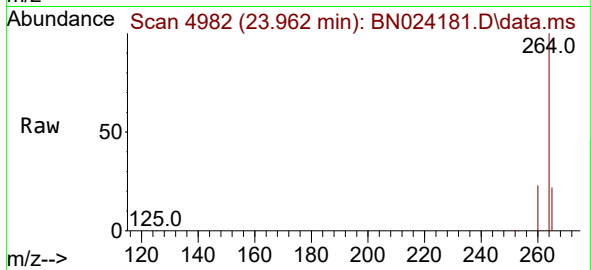
Tgt Ion:202 Resp: 26094
Ion Ratio Lower Upper
202 100
101 16.4 12.1 18.1
100 14.0 9.4 14.0





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.962 min Scan# 4982
Delta R.T. -0.064 min
Lab File: BN024181.D
Acq: 08 Mar 2023 23:36

Instrument :
BNA_N
ClientSampleId :
DCAE6



Tgt Ion:252 Resp: 8607
Ion Ratio Lower Upper
252 100
253 37.2 19.2 28.8#
125 34.2 15.8 23.6#

