

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024184.D
 Acq On : 09 Mar 2023 01:25
 Operator : CG/JU
 Sample : 01746-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAE2

Quant Time: Mar 09 03:52:42 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)

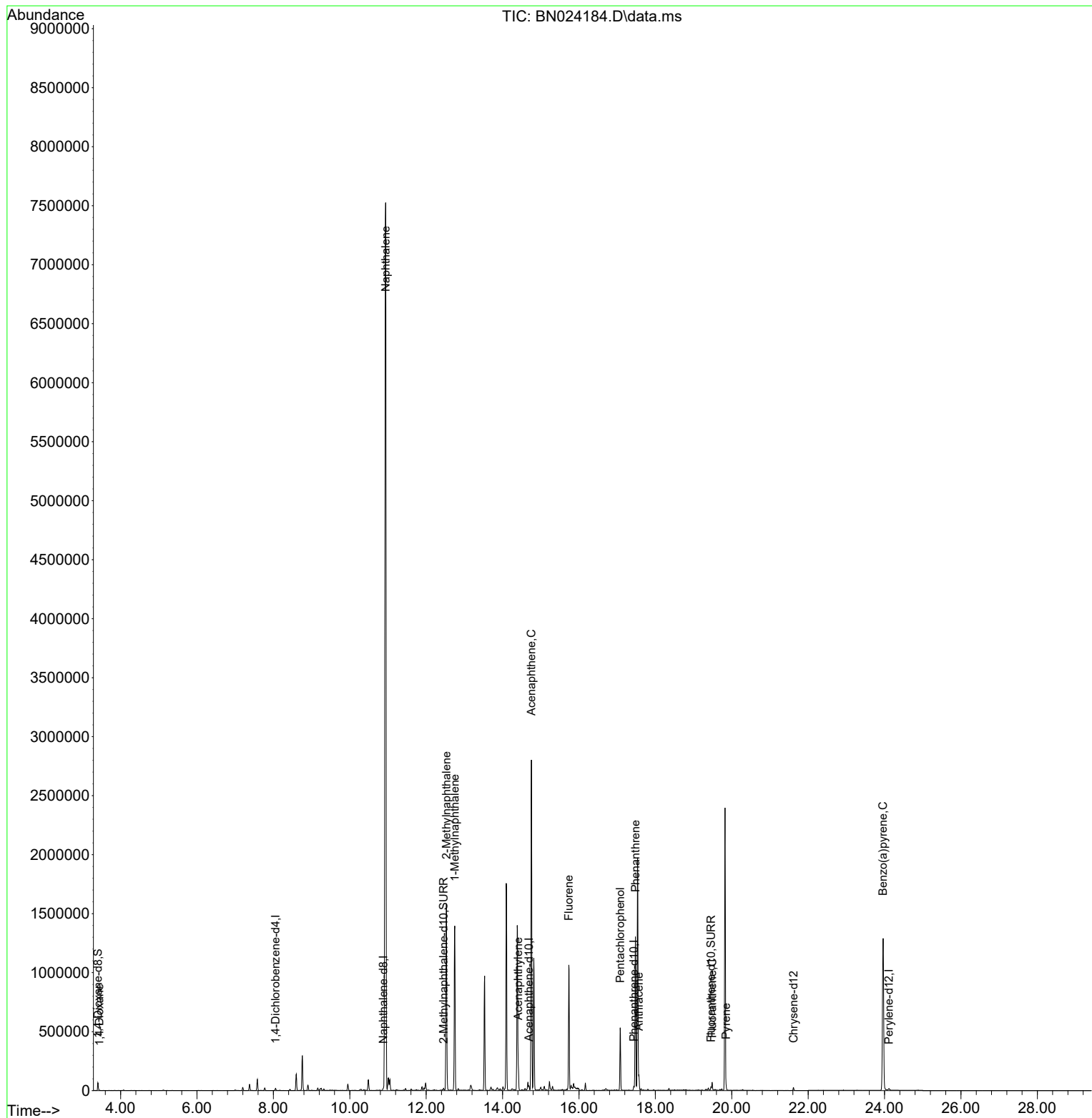
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	27155	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	18254	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.434	188	32294	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	23834	0.400	ng/ul	-0.01
23) Perylene-d12	24.114	264	22324	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	40121	4.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12644	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	30434	0.480	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	304	0.029	ng/ul#	28
5) Naphthalene	10.938	128	12490671	184.281	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	1103525	26.836	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	963776	22.302	ng/ul	100
10) Acenaphthylene	14.411	152	189745	2.491	ng/ul	98
11) Acenaphthene	14.754	153	1615911	27.539	ng/ul	97
12) Fluorene	15.735	166	657340	10.032	ng/ul	99
14) Pentachlorophenol	17.080	266	317847	35.435	ng/ul#	73
15) Phenanthrene	17.477	178	1365345	14.761	ng/ul	99
16) Anthracene	17.570	178	123207	1.518	ng/ul	99
19) Fluoranthene	19.487	202	53112	0.560	ng/ul	99
20) Pyrene	19.850	202	29111	0.303	ng/ul#	93
26) Benzo(a)pyrene	23.959	252	8080	0.110	ng/ul#	70

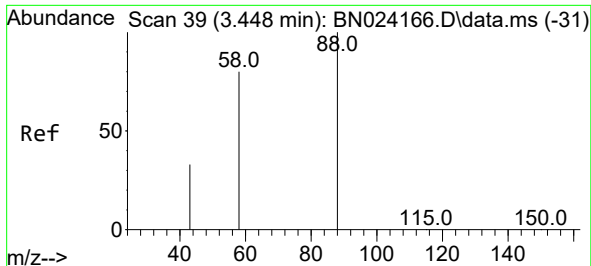
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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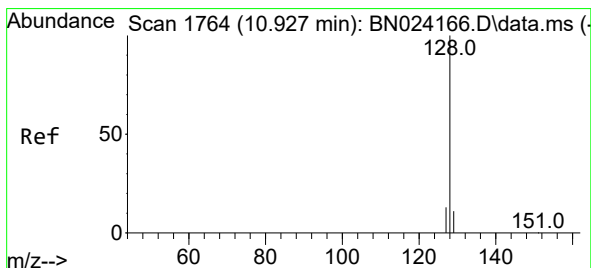
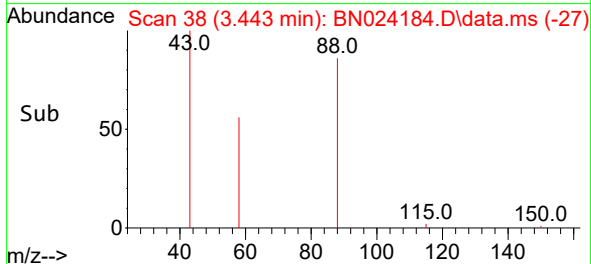
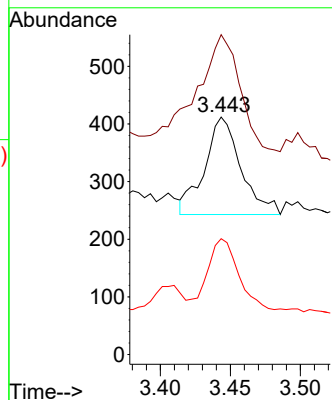
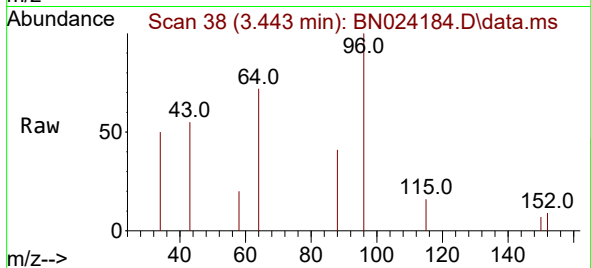




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

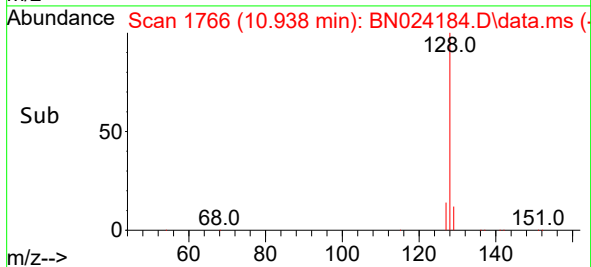
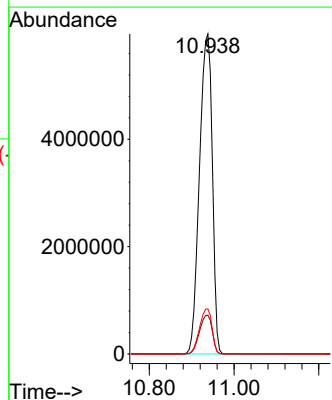
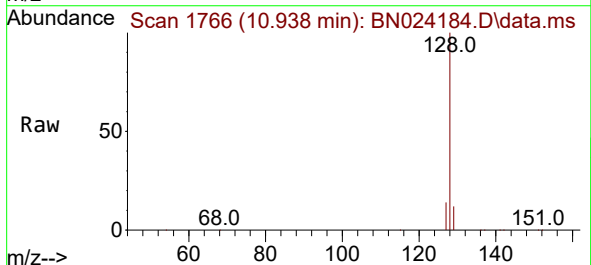
Instrument :
BNA_N
ClientSampleId :
DCAE2

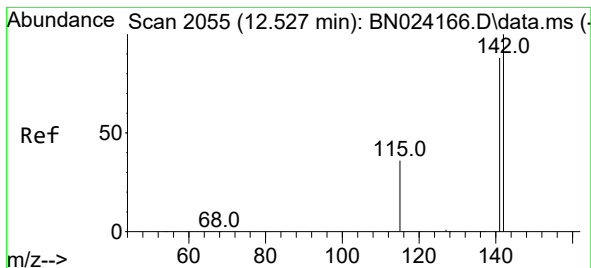
Tgt Ion: 88 Resp: 304
Ion Ratio Lower Upper
88 100
43 134.7 32.1 48.1#
58 48.8 55.1 82.7#



#5
Naphthalene
Concen: 184.281 ng/ul
RT: 10.938 min Scan# 1766
Delta R.T. 0.011 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

Tgt Ion:128 Resp:12490671
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 14.1 10.5 15.7

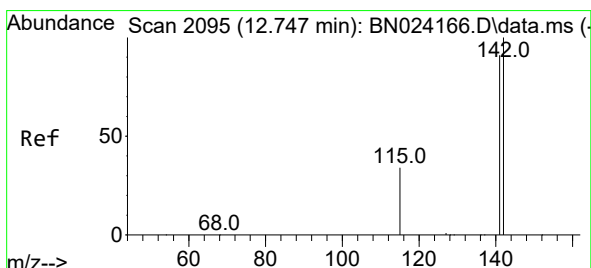
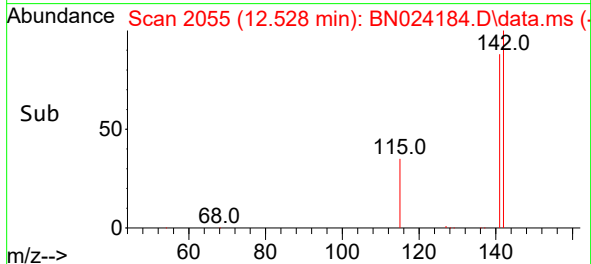
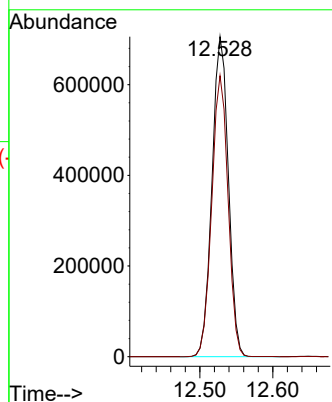
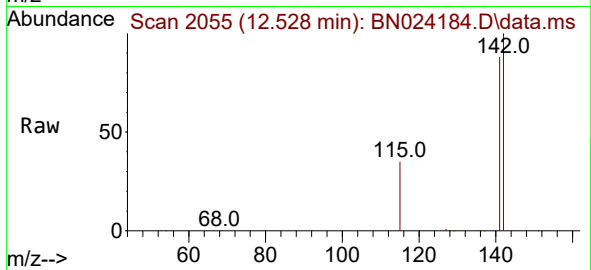




#7
2-Methylnaphthalene
Concen: 26.836 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

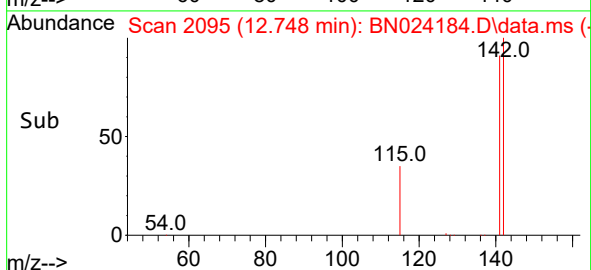
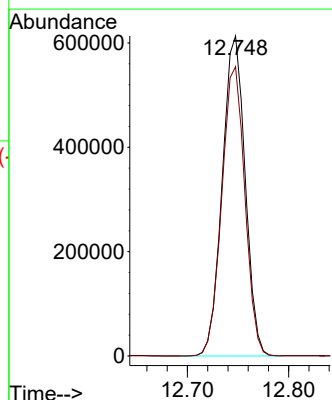
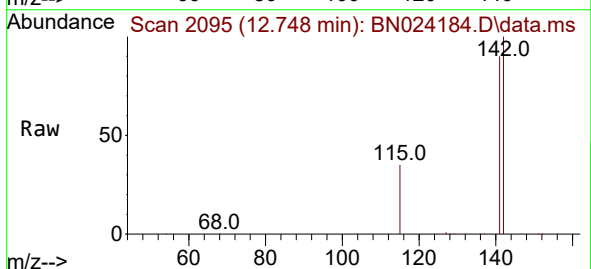
Instrument :
BNA_N
ClientSampleId :
DCAE2

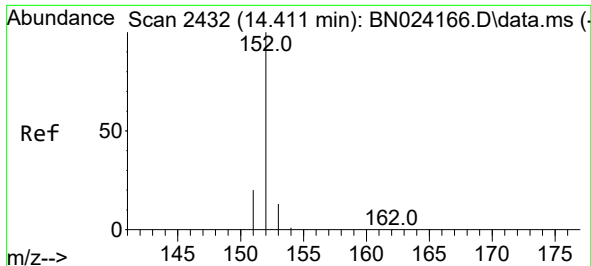
Tgt Ion:142 Resp: 1103525
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5



#8
1-Methylnaphthalene
Concen: 22.302 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

Tgt Ion:142 Resp: 963776
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

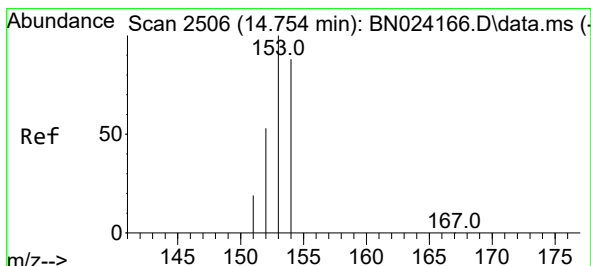
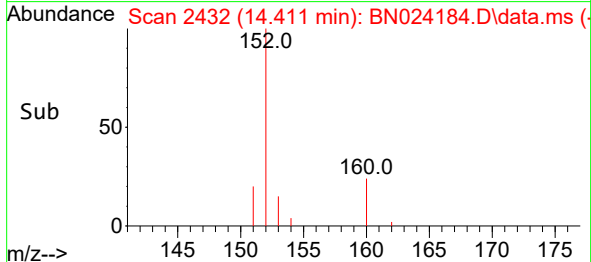
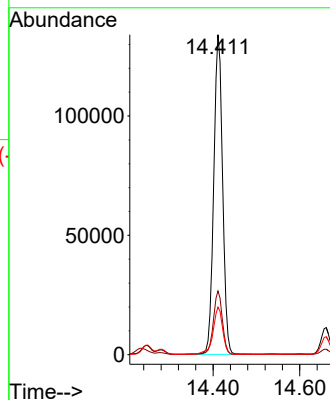
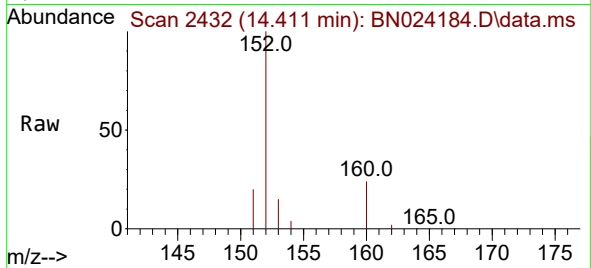




#10
Acenaphthylene
Concen: 2.491 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

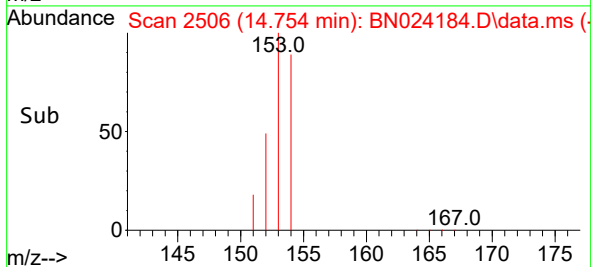
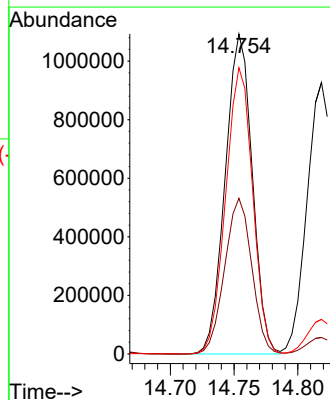
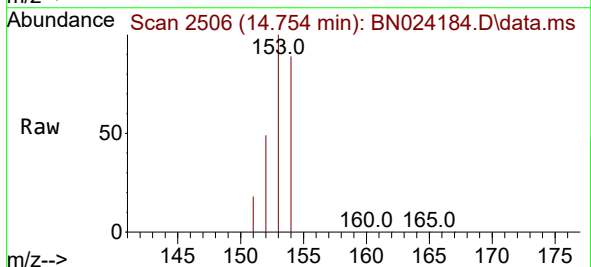
Instrument :
BNA_N
ClientSampleId :
DCAE2

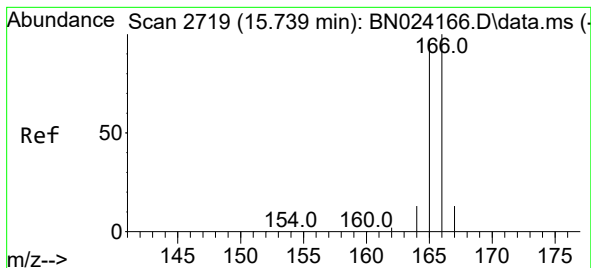
Tgt Ion:152 Resp: 189745
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.9 10.6 16.0



#11
Acenaphthene
Concen: 27.539 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

Tgt Ion:153 Resp: 1615911
Ion Ratio Lower Upper
153 100
152 48.6 42.6 64.0
154 89.5 70.6 105.8





#12

Fluorene

Concen: 10.032 ng/ul

RT: 15.735 min Scan# 2718

Delta R.T. -0.000 min

Lab File: BN024184.D

Acq: 09 Mar 2023 01:25

Instrument :

BNA_N

ClientSampleId :

DCAE2

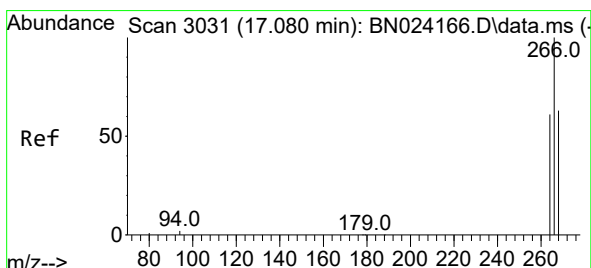
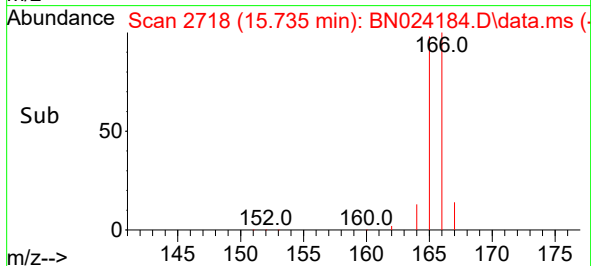
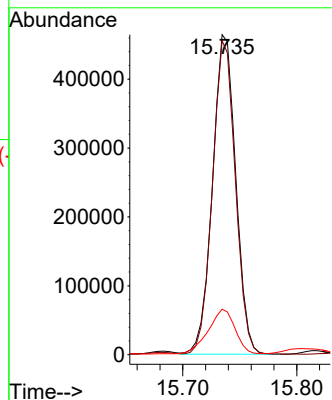
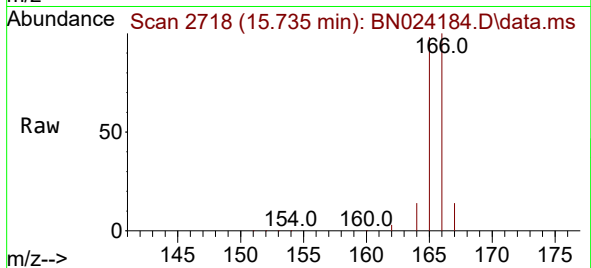
Tgt Ion:166 Resp: 657340

Ion Ratio Lower Upper

166 100

165 98.1 77.4 116.0

167 14.2 10.9 16.3



#14

Pentachlorophenol

Concen: 35.435 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. -0.000 min

Lab File: BN024184.D

Acq: 09 Mar 2023 01:25

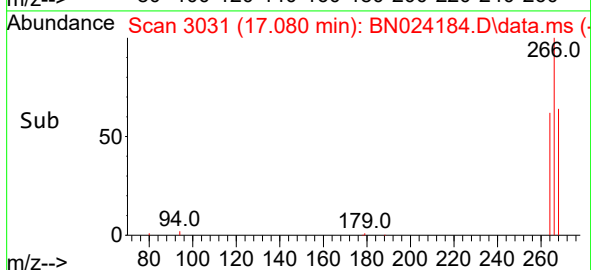
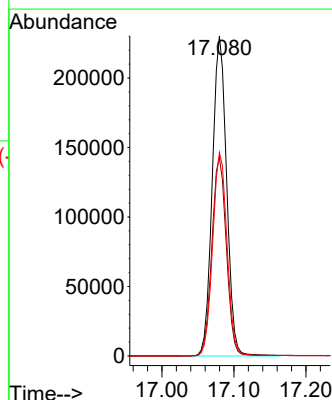
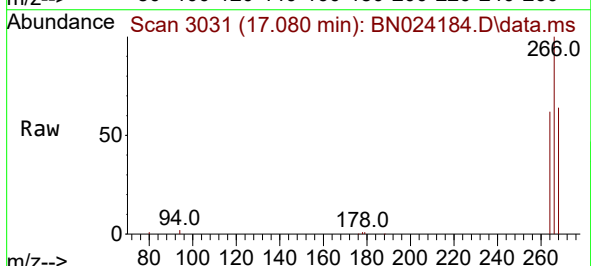
Tgt Ion:266 Resp: 317847

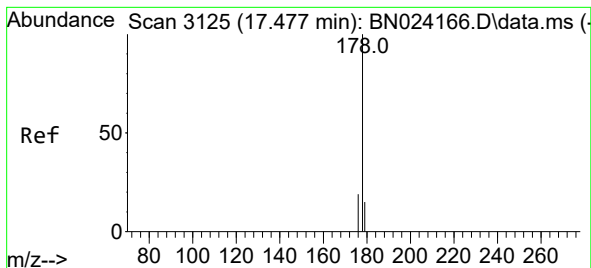
Ion Ratio Lower Upper

266 100

264 62.8 0.0 0.0#

268 64.0 0.1 0.1#





#15

Phenanthrene

Concen: 14.761 ng/ul

RT: 17.477 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BN024184.D

Acq: 09 Mar 2023 01:25

Instrument :

BNA_N

ClientSampleId :

DCAE2

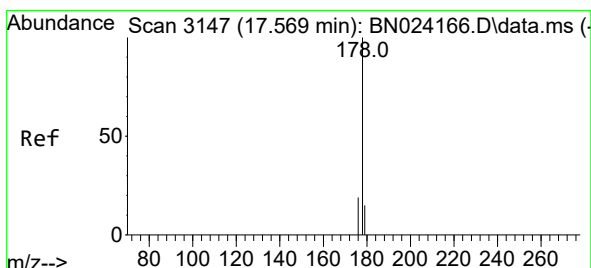
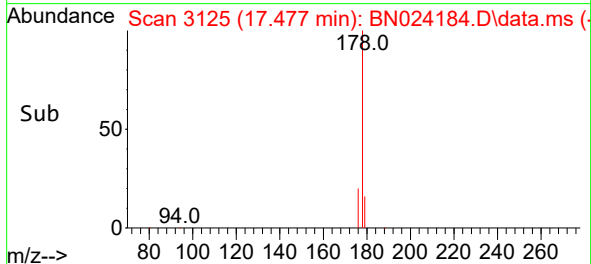
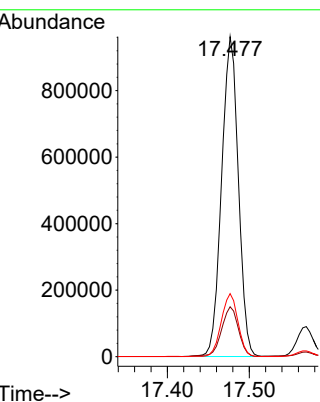
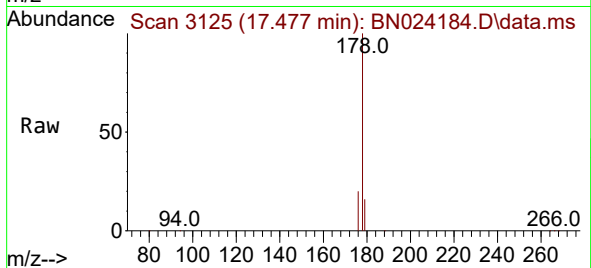
Tgt Ion:178 Resp: 1365345

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.7 15.7 23.5



#16

Anthracene

Concen: 1.518 ng/ul

RT: 17.570 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BN024184.D

Acq: 09 Mar 2023 01:25

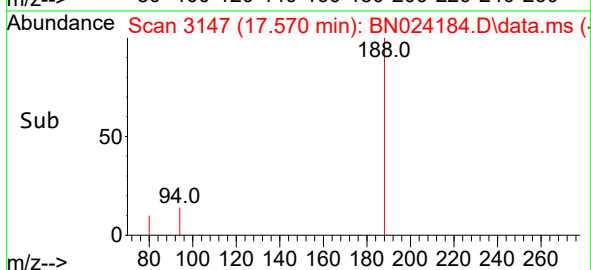
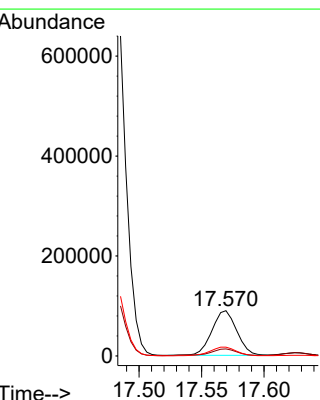
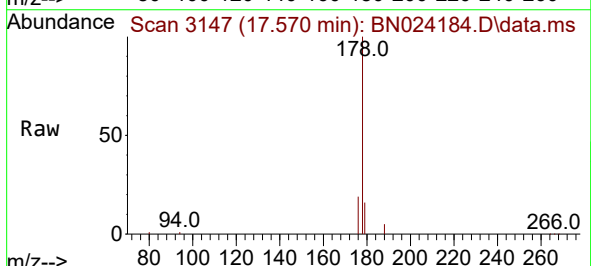
Tgt Ion:178 Resp: 123207

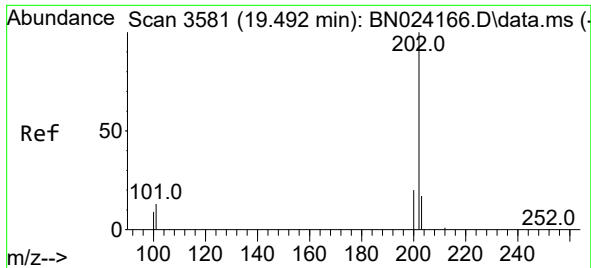
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.5 15.3 22.9

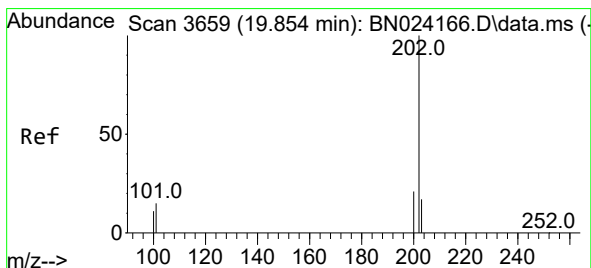
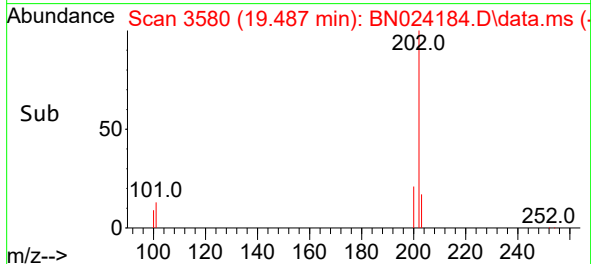
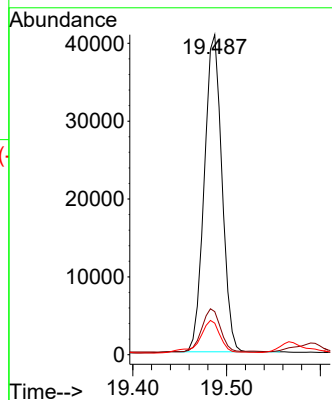
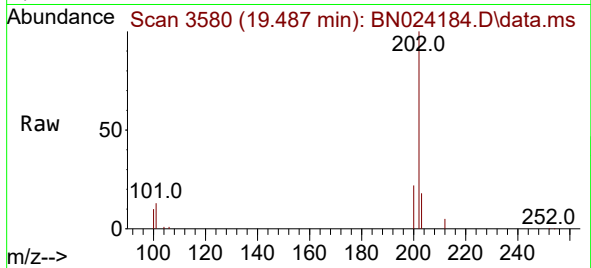




#19
Fluoranthene
Concen: 0.560 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

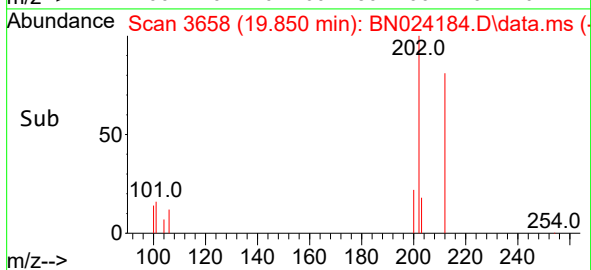
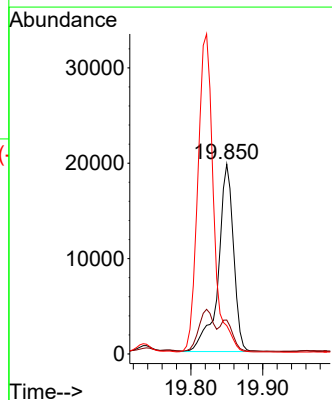
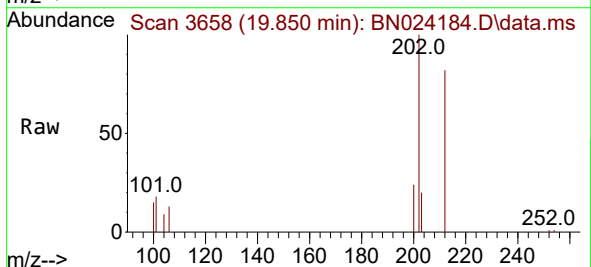
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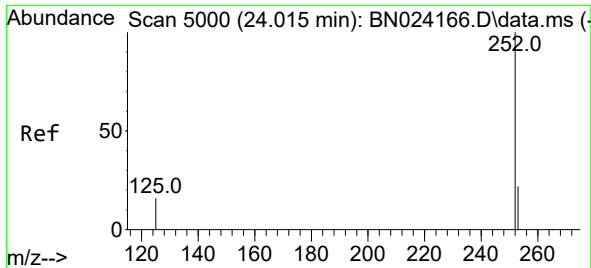
Tgt Ion:202 Resp: 53112
Ion Ratio Lower Upper
202 100
101 13.5 10.4 15.6
100 9.8 7.7 11.5



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

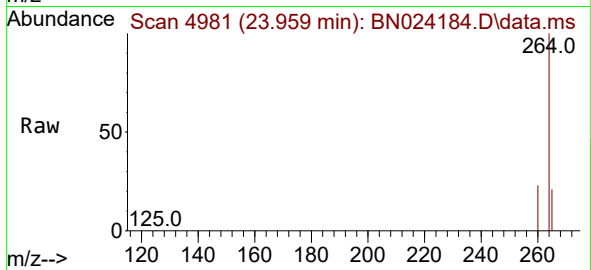
Tgt Ion:202 Resp: 29111
Ion Ratio Lower Upper
202 100
101 17.9 12.1 18.1
100 14.9 9.4 14.0#





#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.959 min Scan# 4981
Delta R.T. -0.067 min
Lab File: BN024184.D
Acq: 09 Mar 2023 01:25

Instrument :
BNA_N
ClientSampleId :
DCAE2



Tgt Ion:252 Resp: 8080
Ion Ratio Lower Upper
252 100
253 36.6 19.2 28.8#
125 36.1 15.8 23.6#

