

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051821\
 Data File : BN014664.D
 Acq On : 18 May 2021 13:52
 Operator : CG/JU
 Sample : M2402-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3431

Quant Time: May 18 17:51:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 15:50:11 2021
 Response via : Initial Calibration

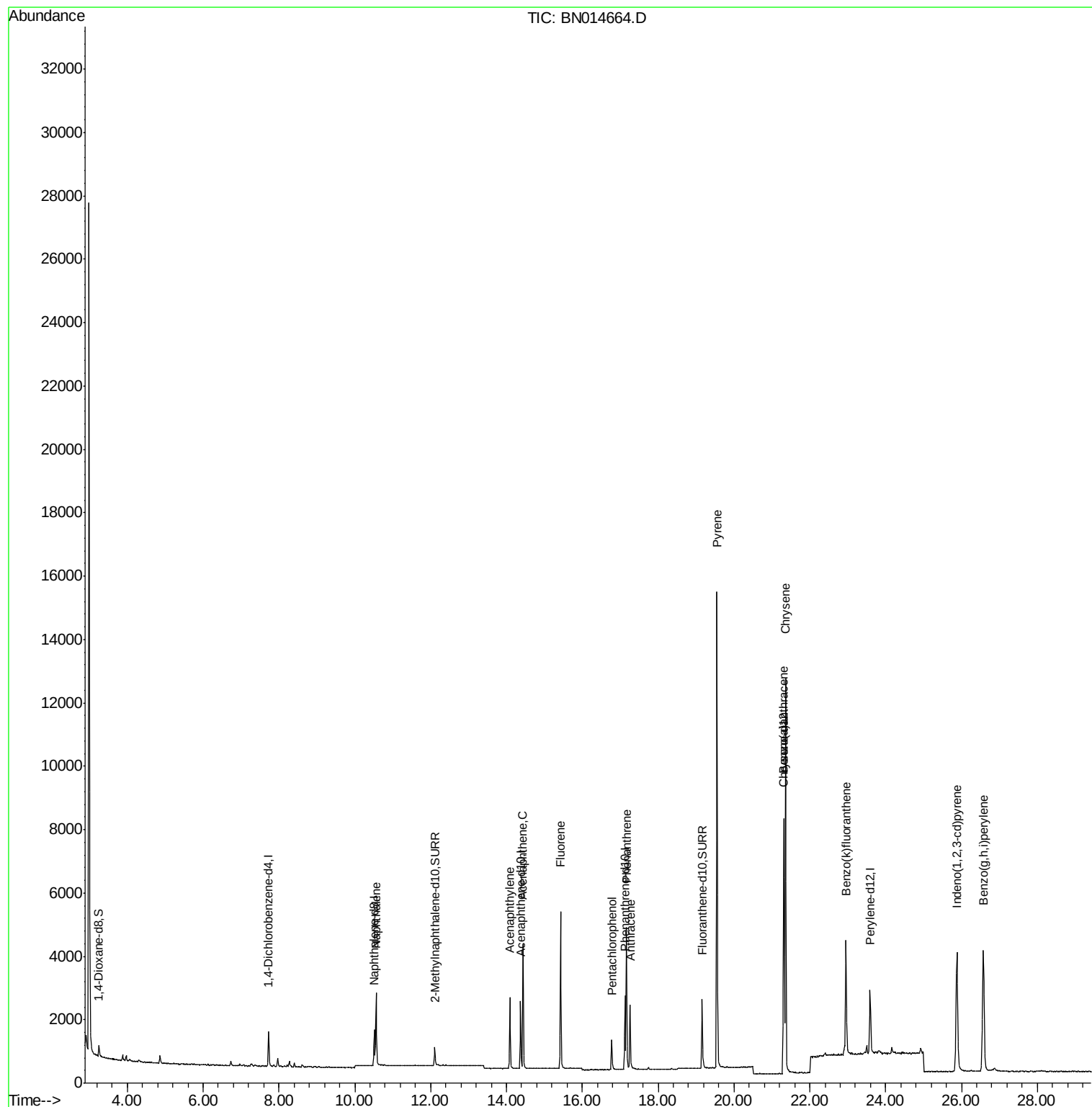
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	504	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	1651	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.37	164	1162	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.13	188	2876	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	3375	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	2906	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	282	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.11	152	826	0.29	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	2668	0.31	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.56	128	3249	0.677	ng/ul#	93
10) Acenaphthylene	14.09	152	2652	0.631	ng/ul	94
11) Acenaphthene	14.43	153	2264	0.566	ng/ul	99
12) Fluorene	15.43	166	3289	0.669	ng/ul	98
14) Pentachlorophenol	16.78	266	711	1.756	ng/ul	90
15) Phenanthrene	17.17	178	4901	0.548	ng/ul	99
16) Anthracene	17.26	178	2448	0.351	ng/ul	98
20) Pyrene	19.55	202	13246	1.247	ng/ul	100
21) Benzo(a)anthracene	21.31	228	6545	0.614	ng/ul	99
22) Chrysene	21.36	228	10804	0.886	ng/ul	98
25) Benzo(k)fluoranthene	22.95	252	5107	0.379	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.88	276	8323	0.599	ng/ul	94
29) Benzo(g,h,i)perylene	26.58	276	9041	0.763	ng/ul	97

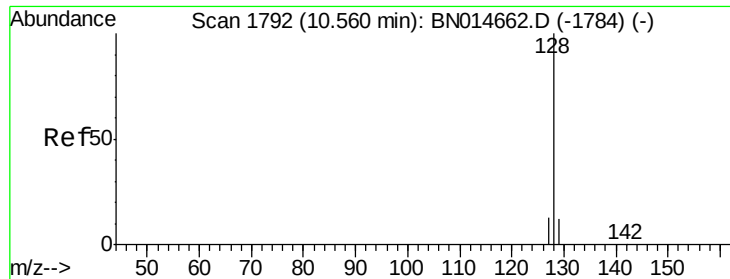
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051421.M
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QLast Update : Fri May 14 15:50:11 2021
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.677 ng/ul

RT: 10.56 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

ClientSampleId :

X3431

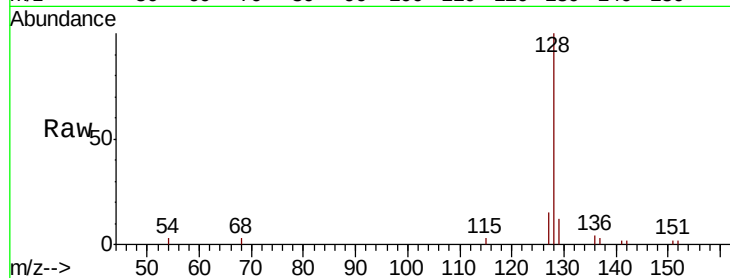
Tot Ion:128 Resp: 3249

Ion Ratio Lower Upper

128 100

129 12.3 10.9 16.3

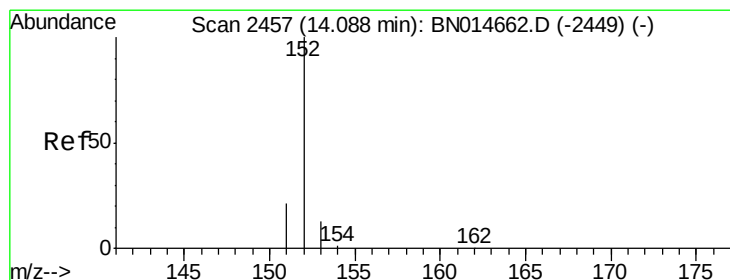
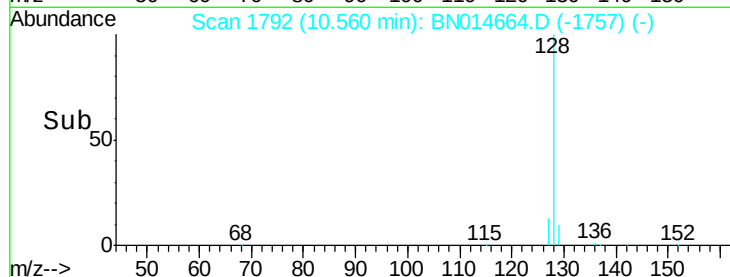
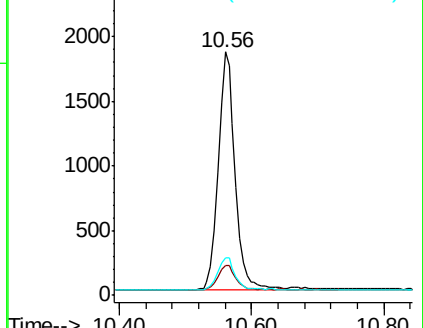
127 15.4 15.7 23.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Acenaphthylene

Concen: 0.631 ng/ul

RT: 14.09 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

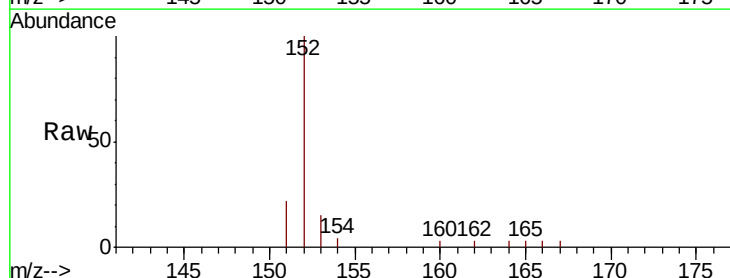
Tgt Ion:152 Resp: 2652

Ion Ratio Lower Upper

152 100

151 22.3 20.2 30.4

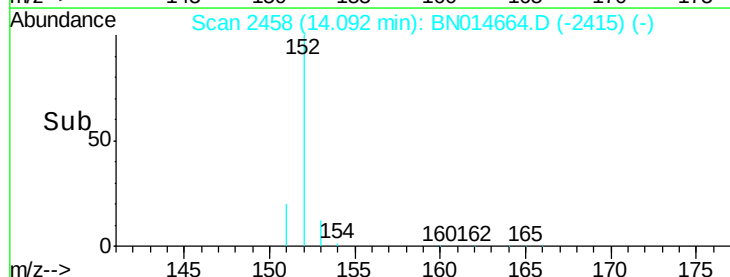
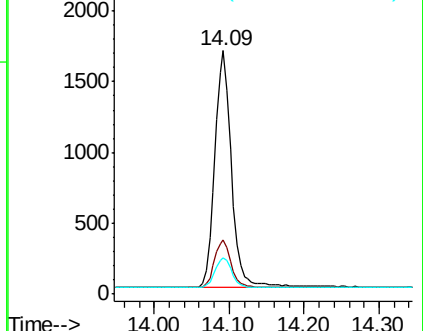
153 14.8 14.2 21.4

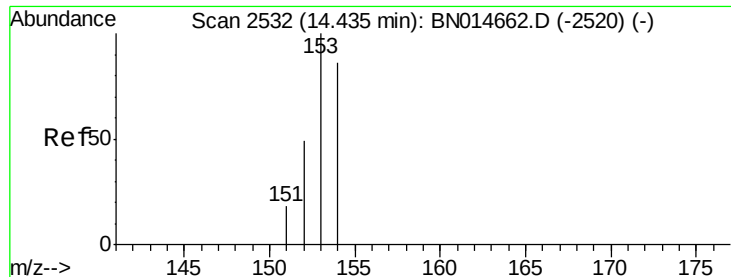


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#11

Acenaphthene

Concen: 0.566 ng/ul

RT: 14.43 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

ClientSampleId :

X3431

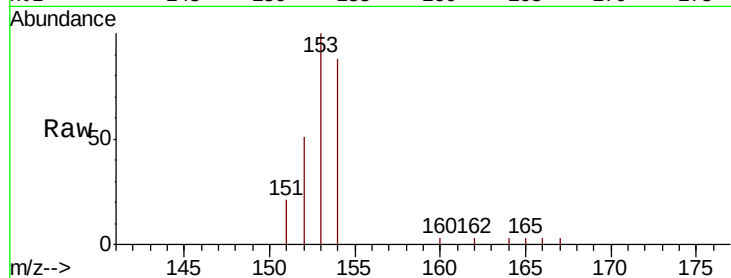
Tot Ion:153 Resp: 2264

Ion Ratio Lower Upper

153 100

152 50.7 39.7 59.5

154 88.0 71.0 106.4

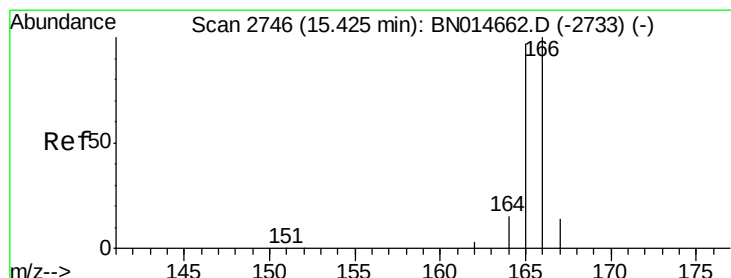
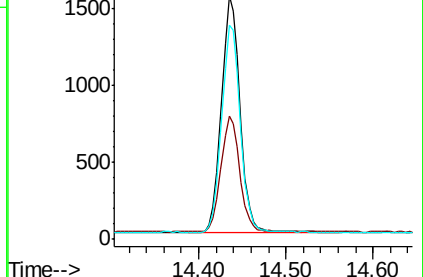
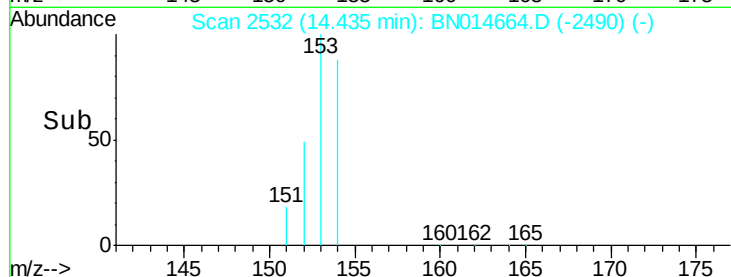


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.43



#12

Fluorene

Concen: 0.669 ng/ul

RT: 15.43 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

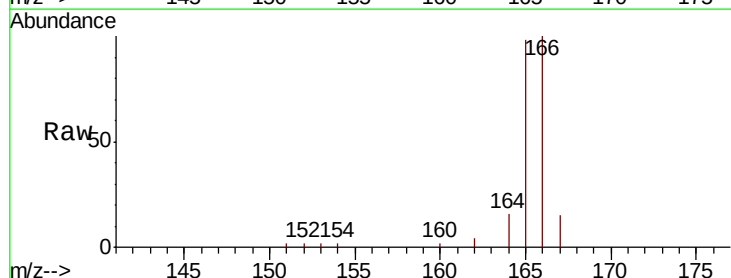
Tgt Ion:166 Resp: 3289

Ion Ratio Lower Upper

166 100

165 97.7 79.3 118.9

167 15.2 13.8 20.6

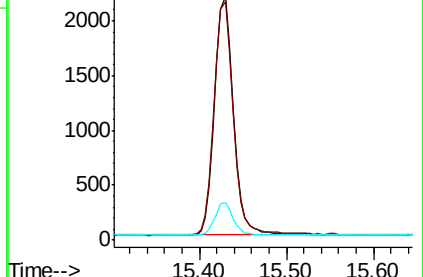
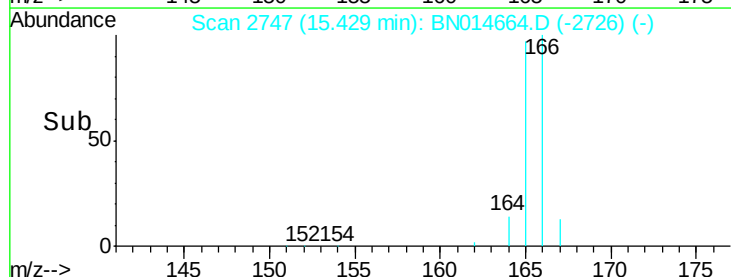


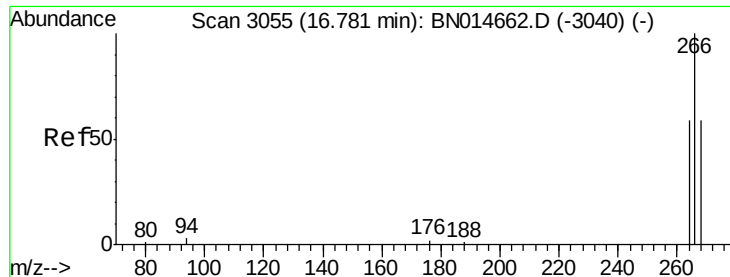
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.43





#14

Pentachlorophenol

Concen: 1.756 ng/ul

RT: 16.78 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

ClientSampleId :

X3431

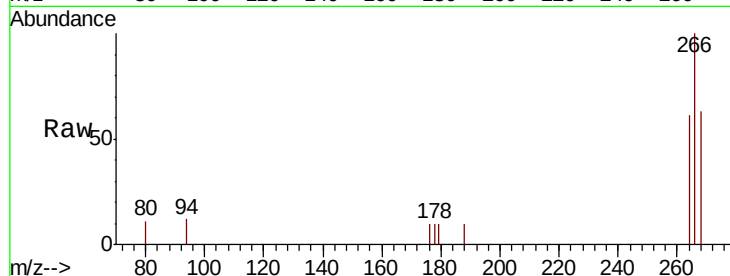
Tot Ion:266 Resp: 711

Ion Ratio Lower Upper

266 100

264 60.8 52.9 79.3

268 63.0 59.4 89.0



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.78

400

300

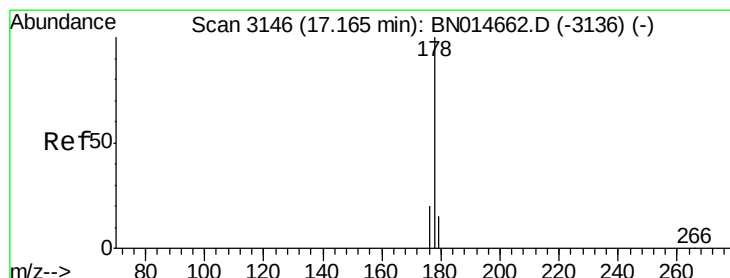
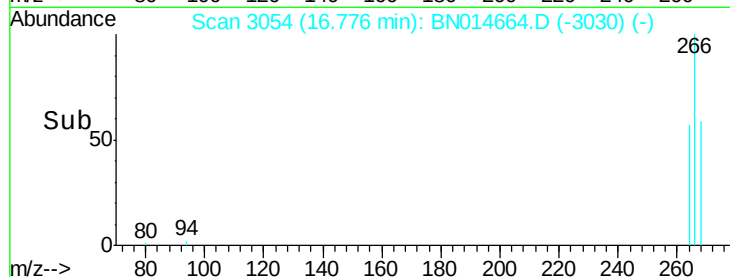
200

100

0

16.70 16.80

Time-->



#15

Phenanthrene

Concen: 0.548 ng/ul

RT: 17.17 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

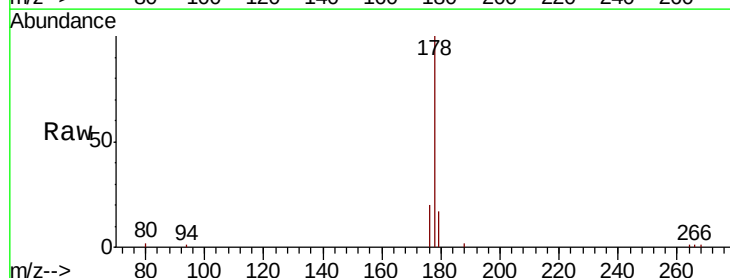
Tgt Ion:178 Resp: 4901

Ion Ratio Lower Upper

178 100

179 16.7 13.8 20.6

176 20.5 16.2 24.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.17

4000

3000

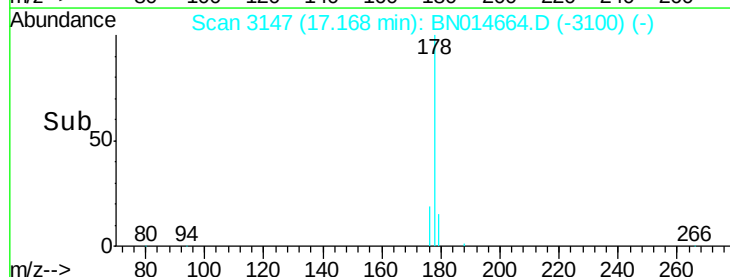
2000

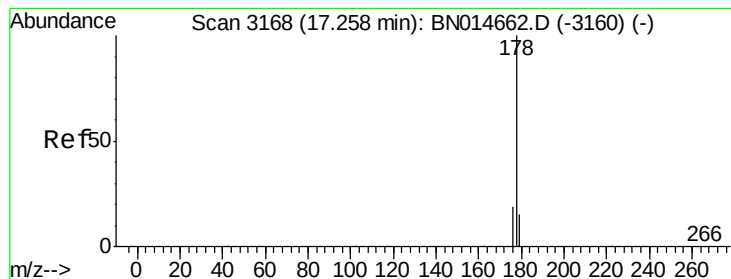
1000

0

17.10 17.15 17.20 17.25

Time-->





#16

Anthracene

Concen: 0.351 ng/ul

RT: 17.26 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

ClientSampleId :

X3431

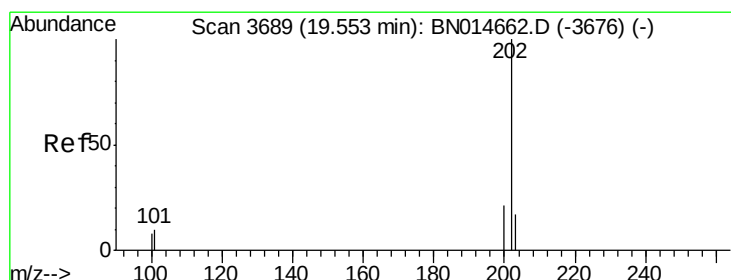
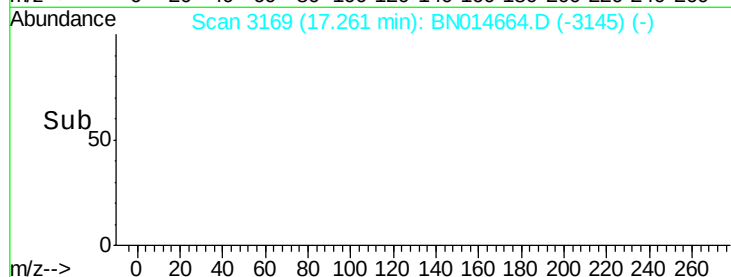
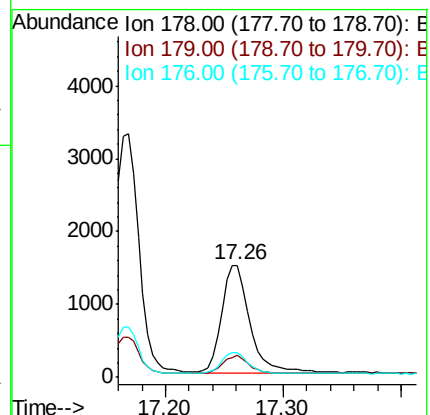
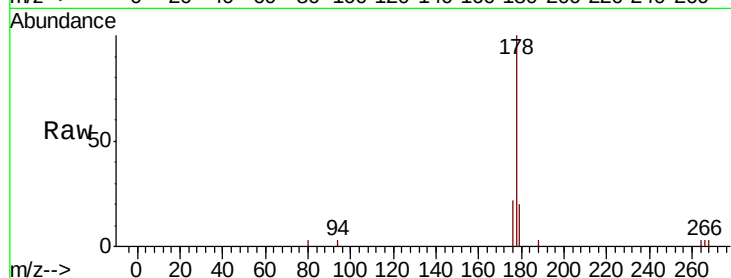
Tot Ion:178 Resp: 2448

Ion Ratio Lower Upper

178 100

179 19.6 14.3 21.5

176 21.9 17.1 25.7



#20

Pyrene

Concen: 1.247 ng/ul

RT: 19.55 min Scan# 3689

Delta R.T. -0.01 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

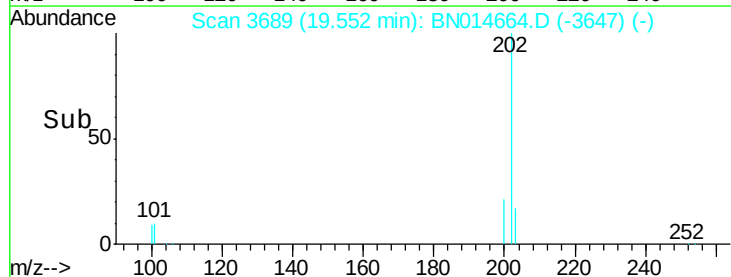
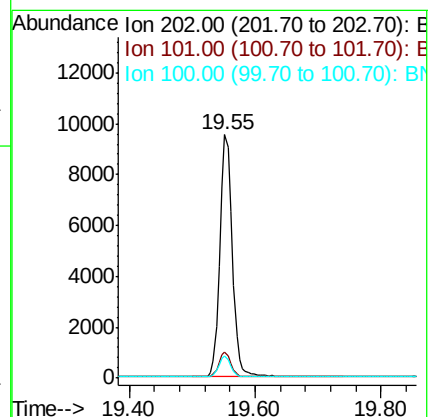
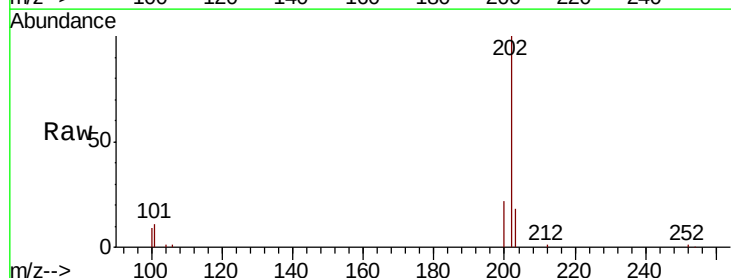
Tgt Ion:202 Resp: 13246

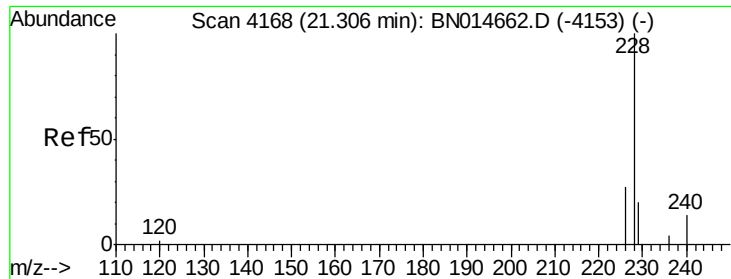
Ion Ratio Lower Upper

202 100

101 10.6 8.5 12.7

100 9.2 7.4 11.2





#21

Benzo(a)anthracene

Concen: 0.614 ng/ul

RT: 21.31 min Scan# 4169

Delta R.T. 0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

ClientSampleId :

X3431

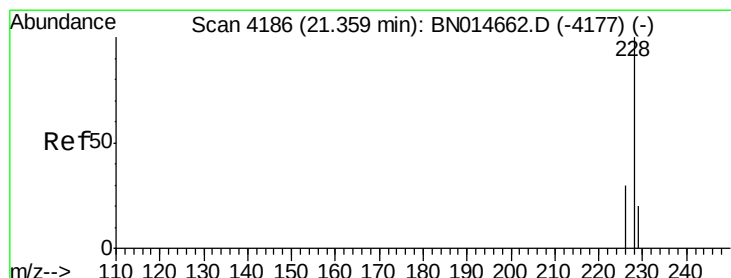
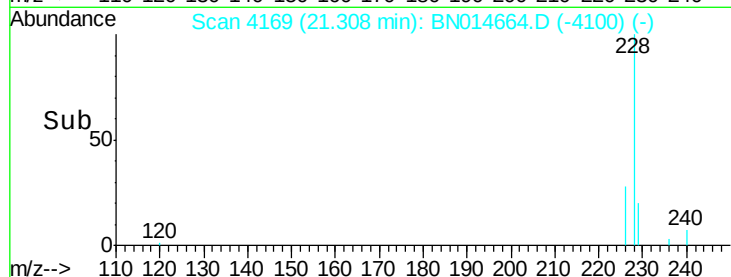
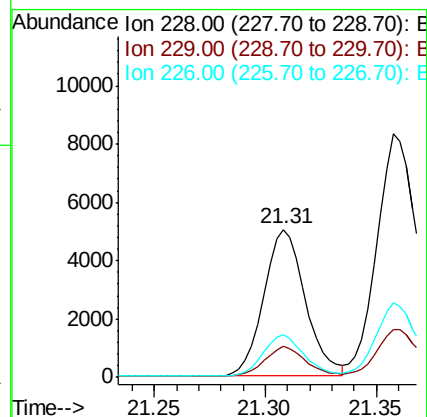
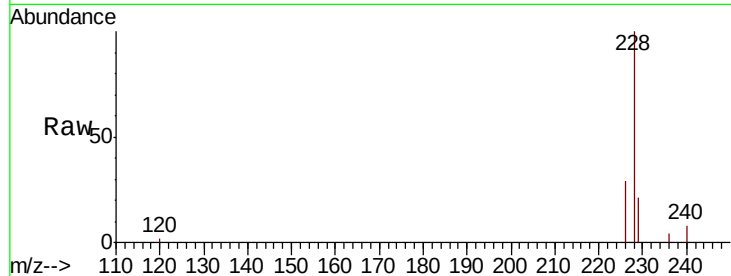
Tot Ion:228 Resp: 6545

Ion Ratio Lower Upper

228 100

229 20.7 16.3 24.5

226 29.0 22.6 33.8



#22

Chrysene

Concen: 0.886 ng/ul

RT: 21.36 min Scan# 4186

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

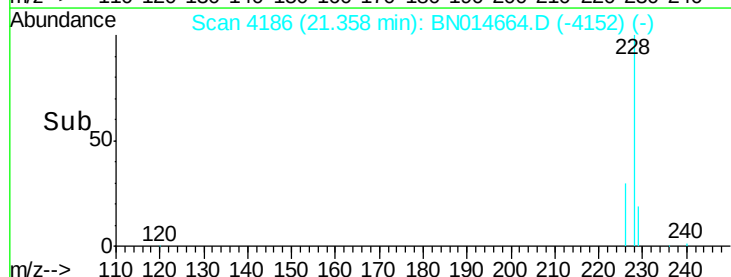
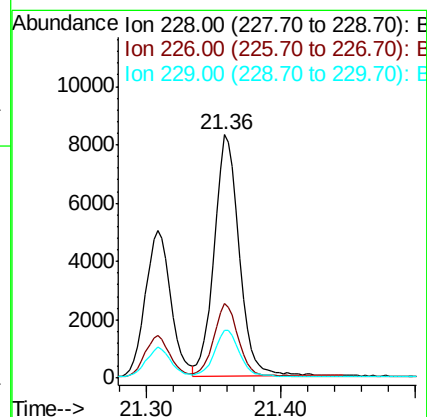
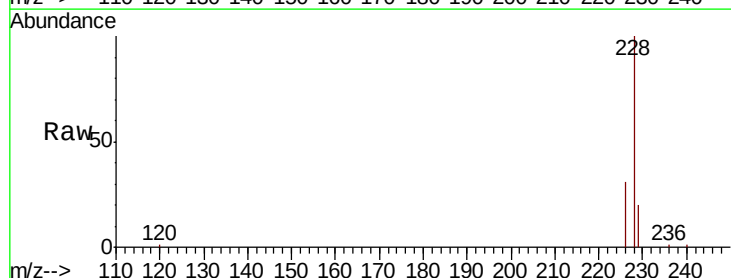
Tgt Ion:228 Resp: 10804

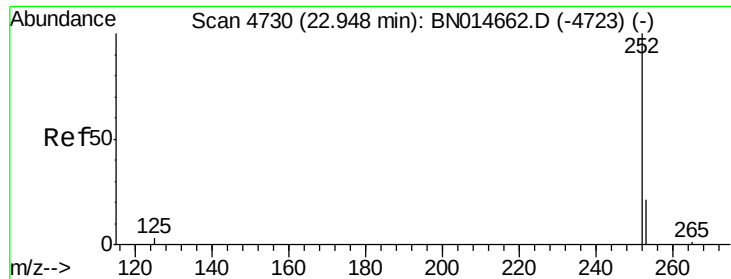
Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

229 19.5 16.2 24.4





#25

Benzo(k)fluoranthene

Concen: 0.379 ng/ul

RT: 22.95 min Scan# 4732

Delta R.T. 0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

Instrument :

BNA_N

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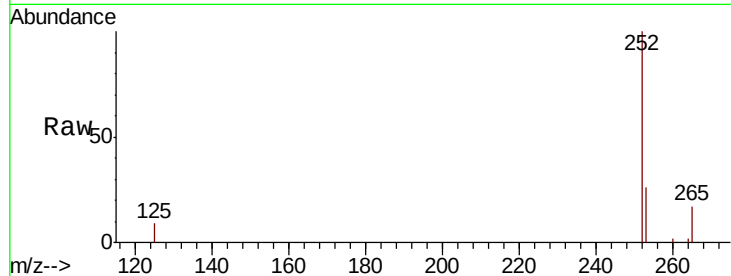
Tot Ion:252 Resp: 5107

Ion Ratio Lower Upper

252 100

253 25.8 20.5 30.7

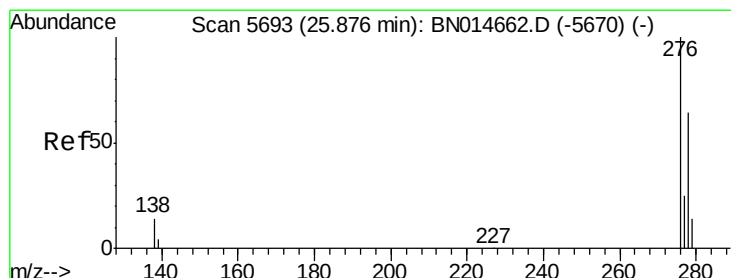
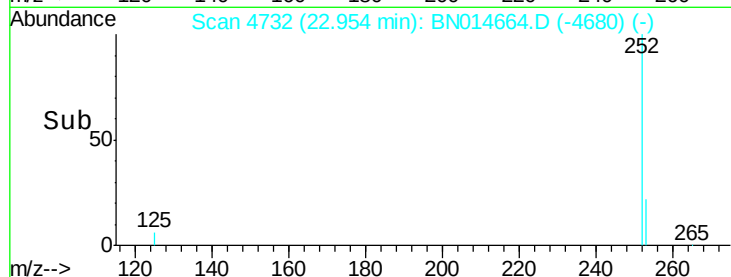
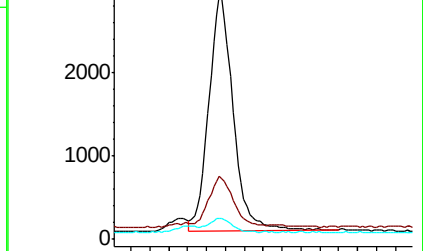
125 8.5 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.599 ng/ul

RT: 25.88 min Scan# 5694

Delta R.T. -0.00 min

Lab File: BN014664.D

Acq: 18 May 2021 13:52

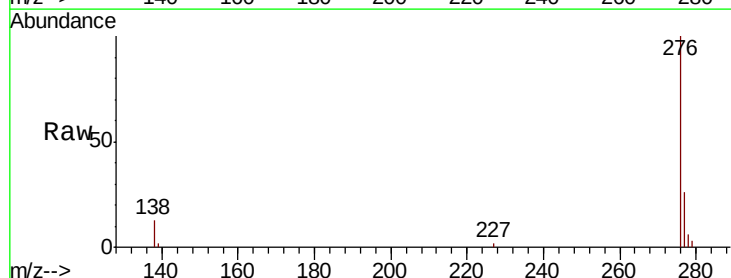
Tgt Ion:276 Resp: 8323

Ion Ratio Lower Upper

276 100

138 11.3 10.9 16.3

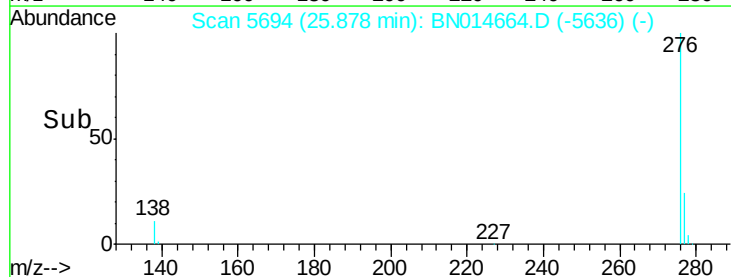
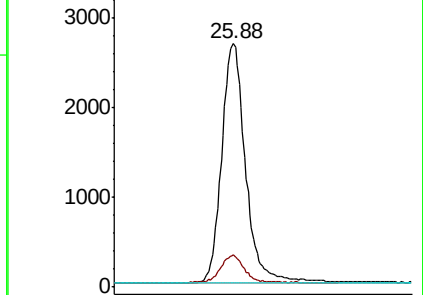
227 0.1 0.1 0.1

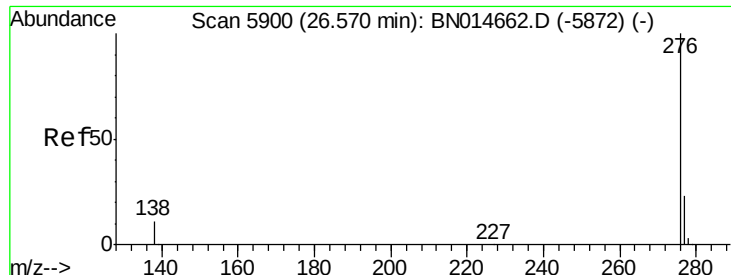


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#29

Benzo(a,h,i)perylene

Concen: 0.763 ng/ul

RT: 26.58 min Scan# 5902

Delta R.T. -0.00 min

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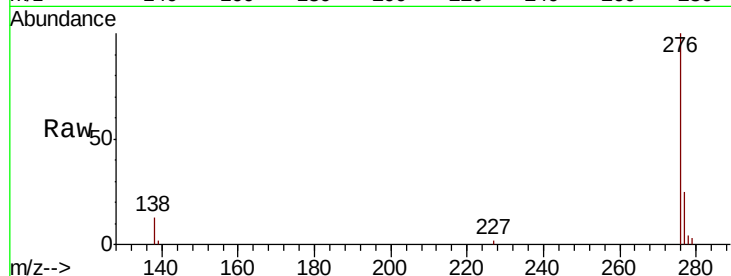
Tot Ion: 276 Resp: 9041

Ion Ratio Lower Upper

276 100

138 13.1 11.5 17.3

277 25.4 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

