

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
 Data File : BN012688.D
 Acq On : 21 Nov 2020 16:02
 Operator : CG/JU
 Sample : L4710-13DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B35DL

Quant Time: Nov 23 01:25:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 01:22:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1240	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4786	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2591	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5165	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4902	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	5015	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	251	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	581	0.04	ng/ul	0.00

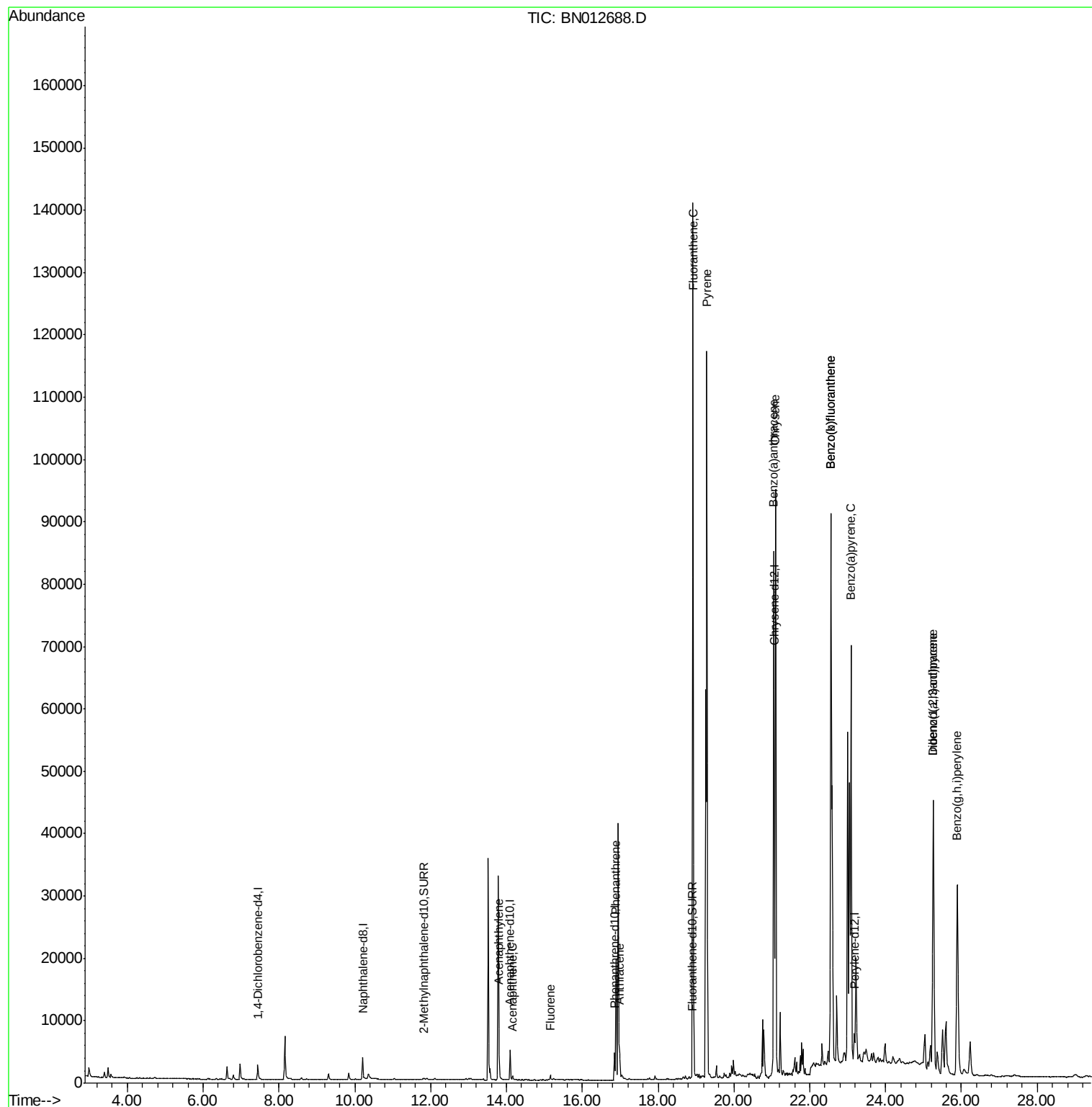
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	530	0.042	ng/ul#	75
8) Acenaphthene	14.16	153	379	0.036	ng/ul	91
9) Fluorene	15.16	166	518	0.044	ng/ul#	95
12) Phenanthrene	16.89	178	20719	1.153	ng/ul	96
13) Anthracene	16.98	178	3676	0.235	ng/ul	99
15) Fluoranthene	18.92	202	116696	5.624	ng/ul	99
17) Pyrene	19.29	202	101699	4.638	ng/ul	99
18) Benzo(a)anthracene	21.05	228	69452	3.954	ng/ul	98
19) Chrysene	21.10	228	91495	4.170	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	179225	7.769	ng/ul	89
22) Benzo(k)fluoranthene	22.56	252	179225	6.737	ng/ul#	90
23) Benzo(a)pyrene	23.09	252	83528	3.847	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.25	276	63340	2.231	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.26	278	15902	0.697	ng/ul	95
26) Benzo(g,h,i)perylene	25.89	276	58866	2.304	ng/ul	96

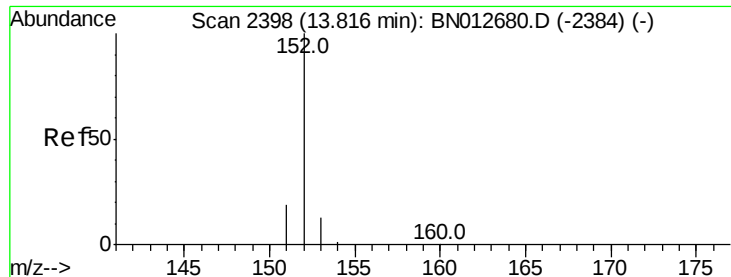
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 13.81 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

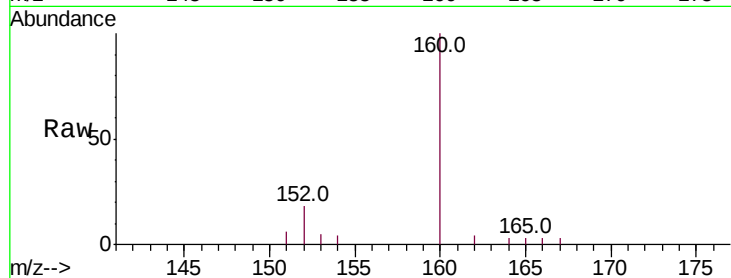
Tot Ion:152 Resp: 530

Ion Ratio Lower Upper

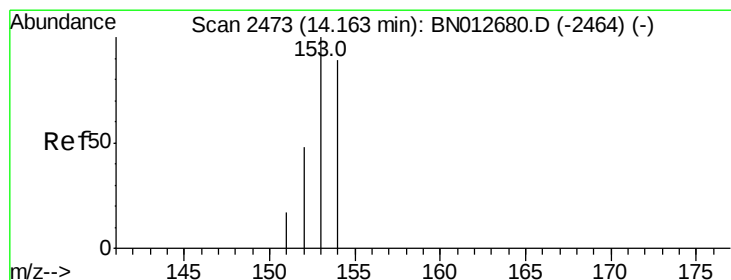
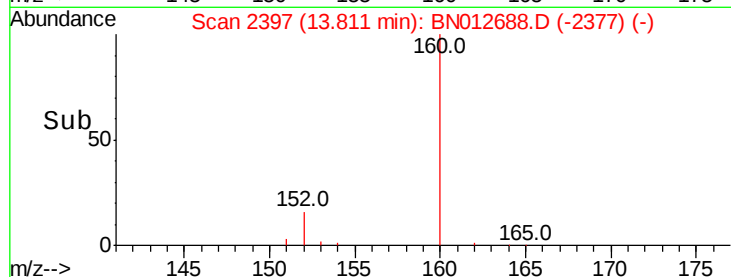
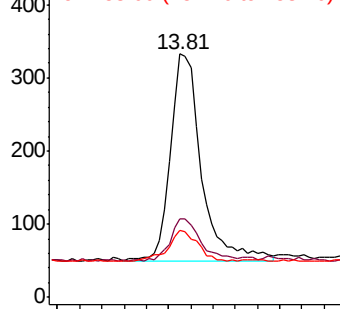
152 100

151 32.1 17.1 25.7#

153 27.3 12.6 19.0#



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



#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.16 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

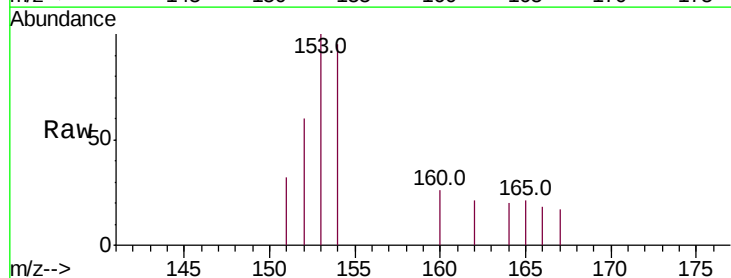
Tgt Ion:153 Resp: 379

Ion Ratio Lower Upper

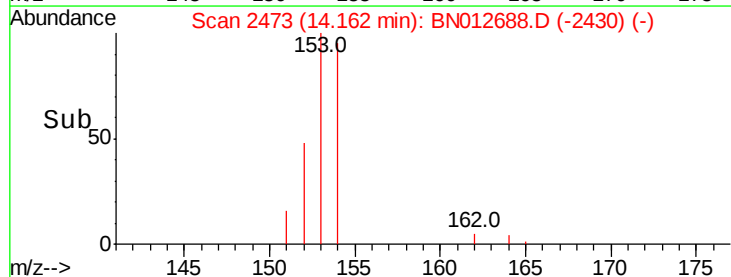
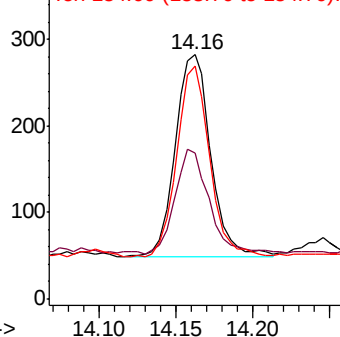
153 100

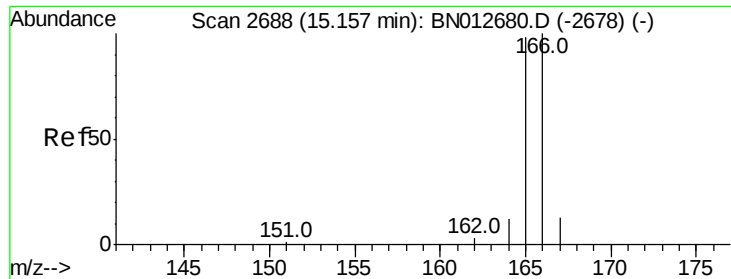
152 59.9 41.4 62.0

154 95.4 70.9 106.3



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





#9

Fluorene

Concen: 0.044 ng/ul

RT: 15.16 min Scan# 2688

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

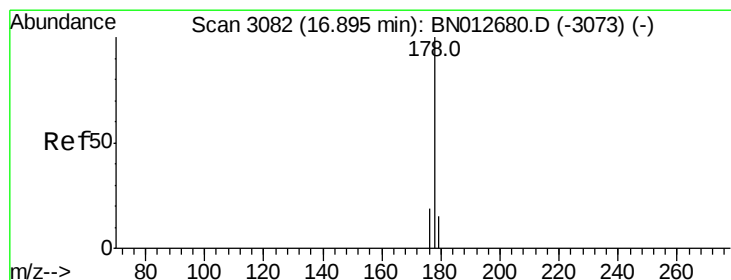
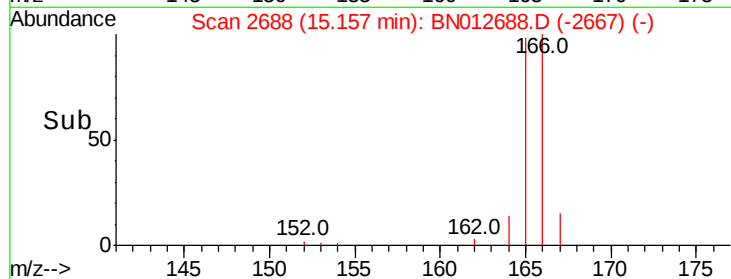
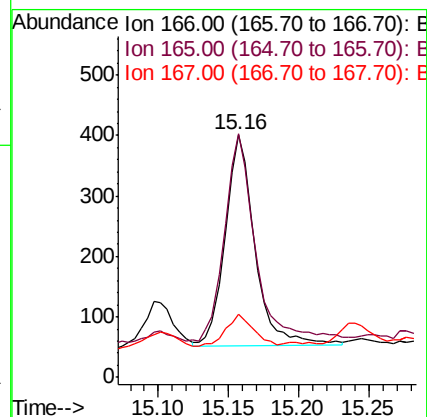
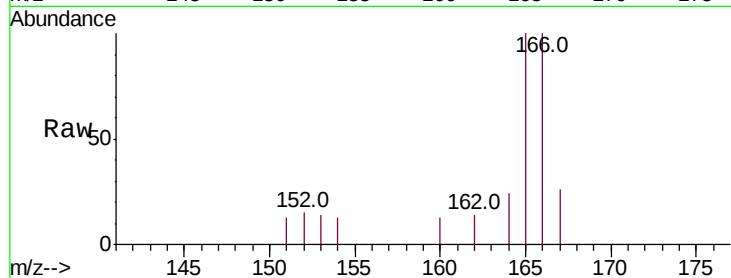
Tot Ion:166 Resp: 518

Ion Ratio Lower Upper

166 100

165 100.2 78.5 117.7

167 25.9 12.7 19.1#



#12

Phenanthrene

Concen: 1.153 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

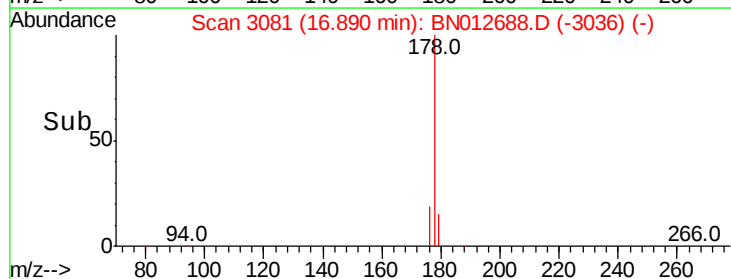
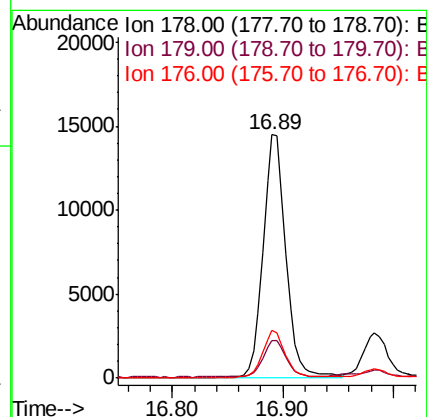
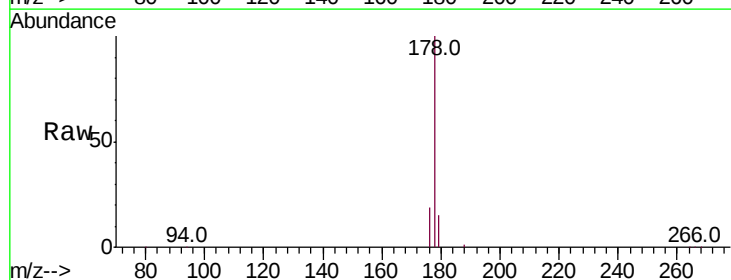
Tgt Ion:178 Resp: 20719

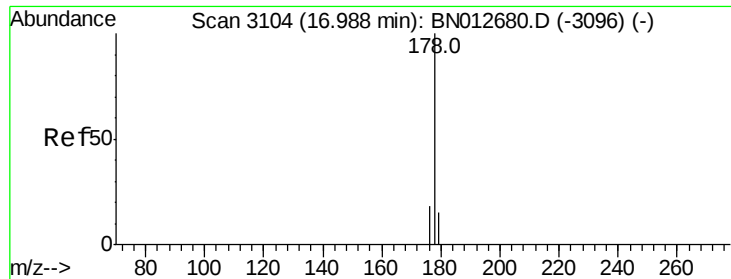
Ion Ratio Lower Upper

178 100

179 15.4 13.8 20.6

176 19.5 16.7 25.1

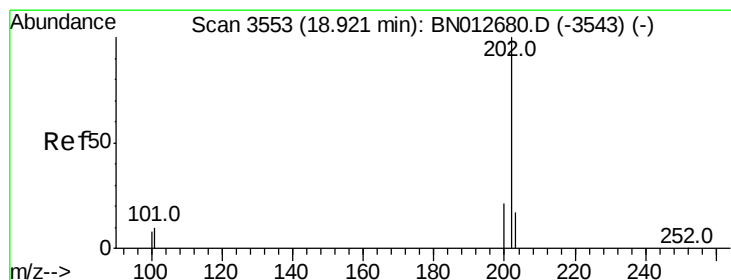
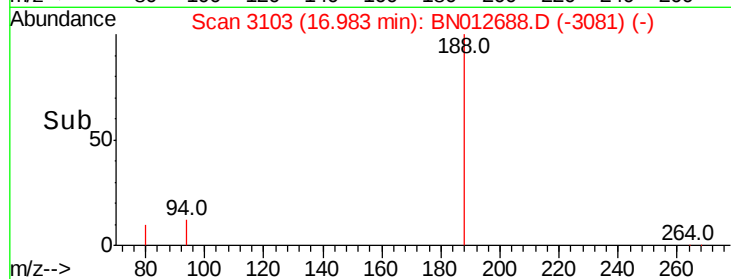
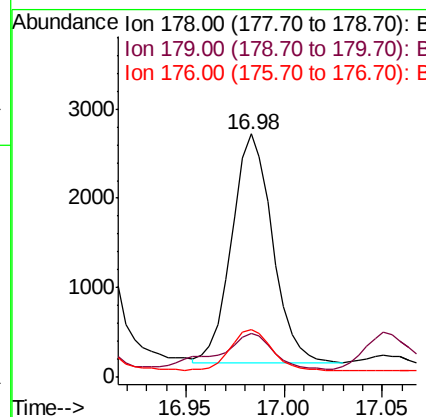
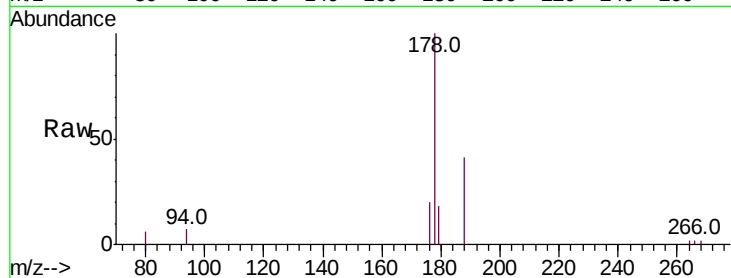




#13
 Anthracene
 Concen: 0.235 ng/ul
 RT: 16.98 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BN012688.D
 Acq: 21 Nov 2020 16:02

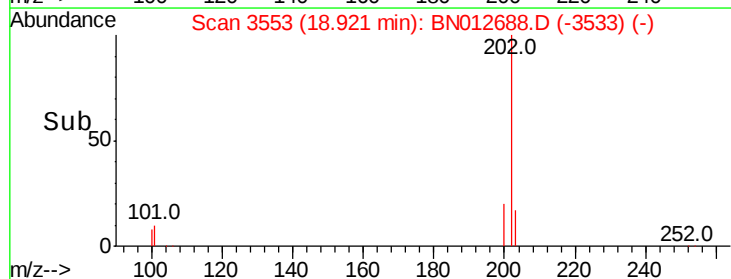
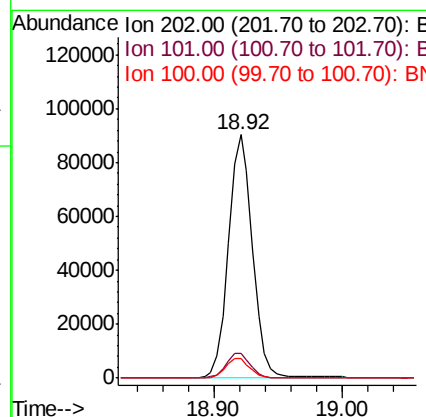
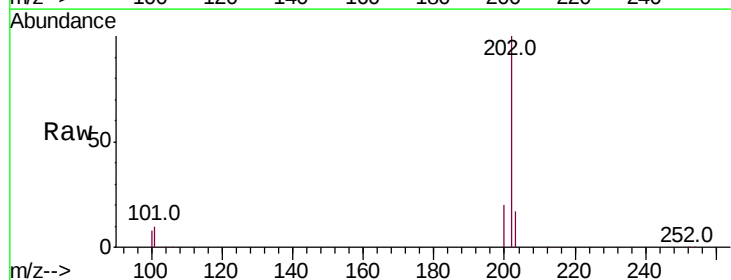
Instrument :
 BNA_N
 ClientSampleId :
 C0B35DL

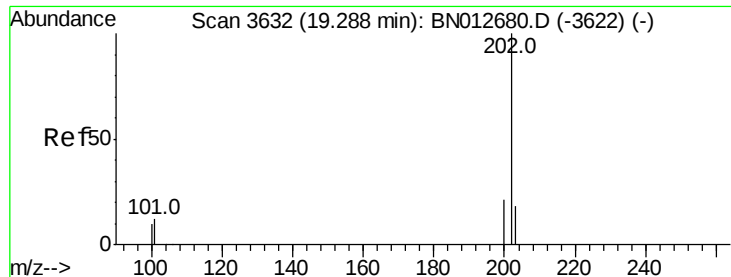
Tot Ion:178	Resp:	3676
Ion	Ratio	Lower Upper
178	100	
179	17.9	14.8 22.2
176	19.8	16.3 24.5



#15
 Fluoranthene
 Concen: 5.624 ng/ul
 RT: 18.92 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BN012688.D
 Acq: 21 Nov 2020 16:02

Tgt Ion:202	Resp:	116696
Ion	Ratio	Lower Upper
202	100	
101	10.3	0.0 30.5
100	7.9	0.0 28.4





#17

Pvrene

Concen: 4.638 ng/ul

RT: 19.29 min Scan# 3632

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

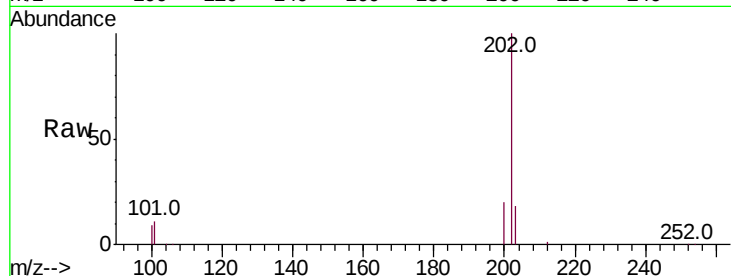
Tot Ion:202 Resp: 101699

Ion Ratio Lower Upper

202 100

101 11.5 8.9 13.3

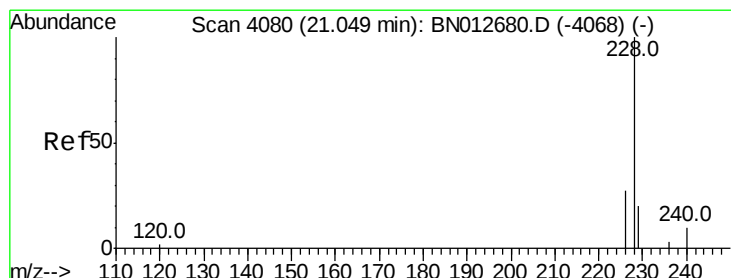
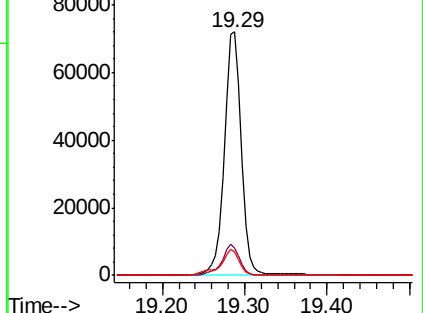
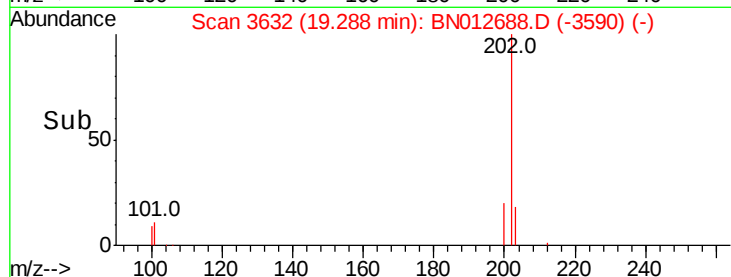
100 9.5 7.4 11.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 3.954 ng/ul

RT: 21.05 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

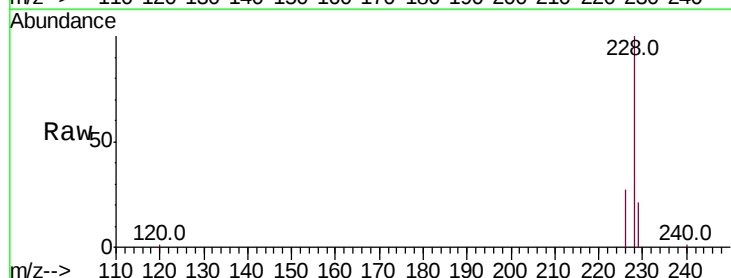
Tgt Ion:228 Resp: 69452

Ion Ratio Lower Upper

228 100

229 20.5 16.9 25.3

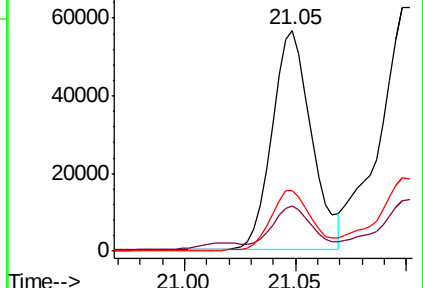
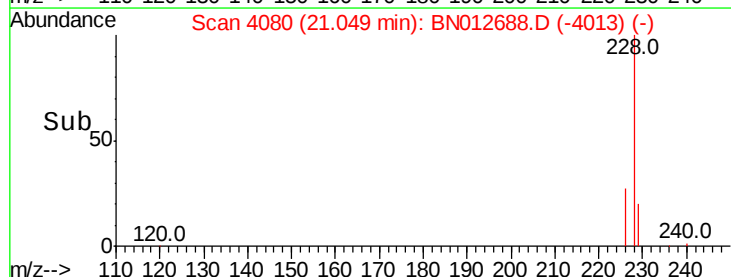
226 27.4 23.1 34.7

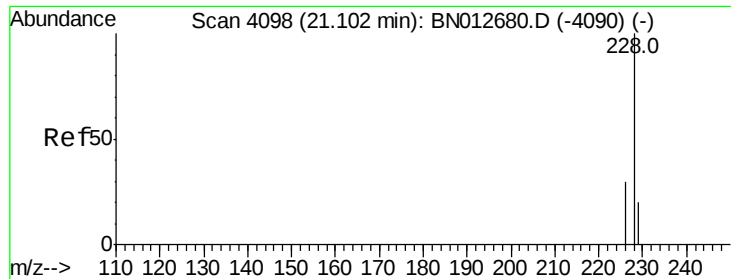


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 4.170 ng/ul

RT: 21.10 min Scan# 4098

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

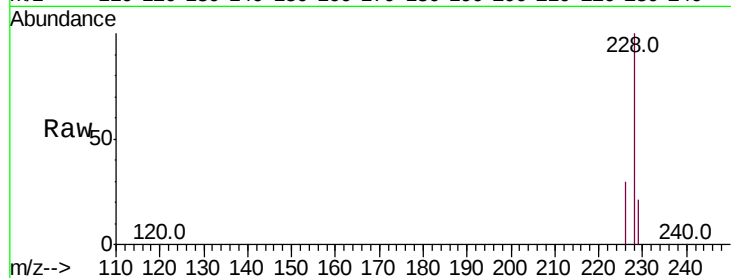
Tot Ion:228 Resp: 91495

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

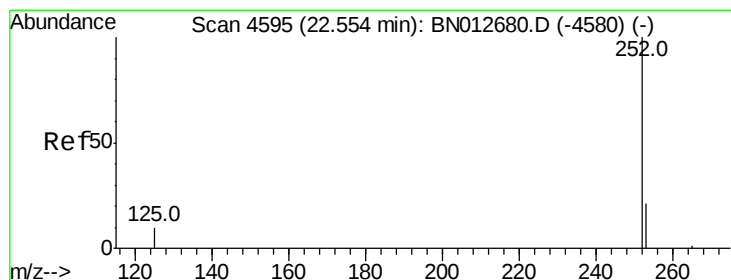
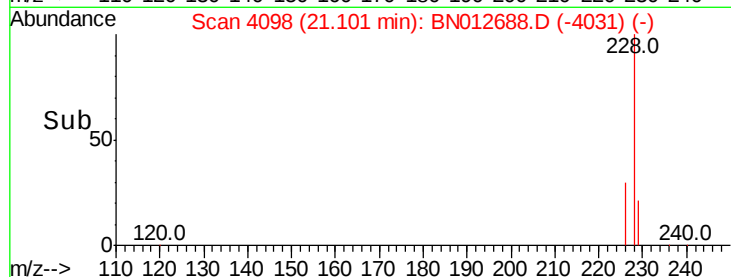
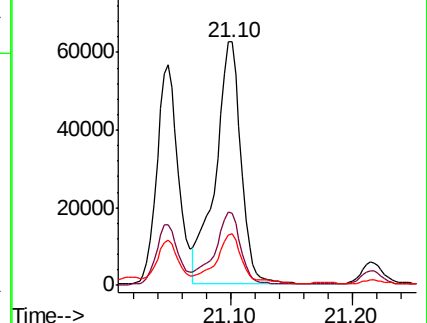
229 21.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 7.769 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

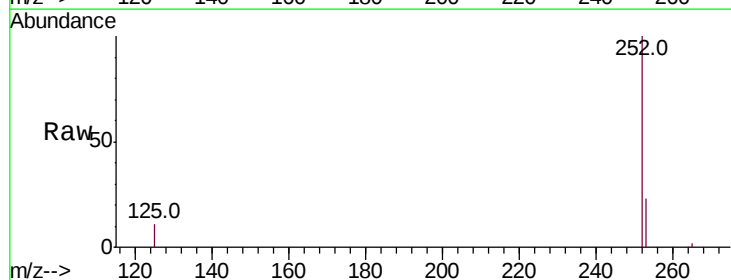
Tgt Ion:252 Resp: 179225

Ion Ratio Lower Upper

252 100

253 23.0 0.0 58.4

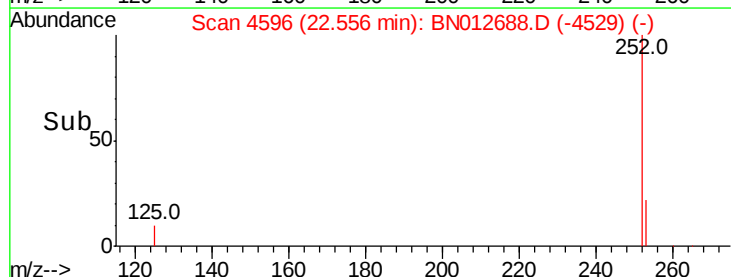
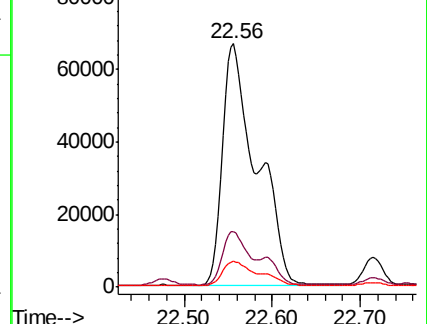
125 10.6 0.0 28.6

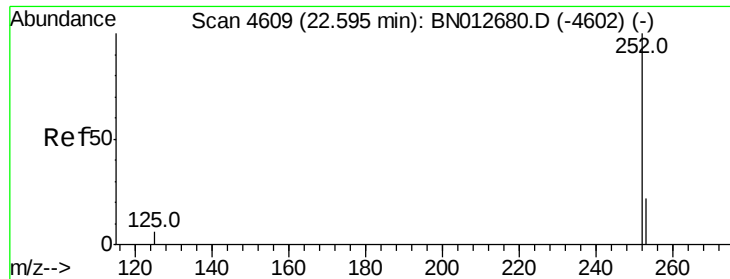


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.737 ng/ul

RT: 22.56 min Scan# 4596

Delta R.T. -0.04 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

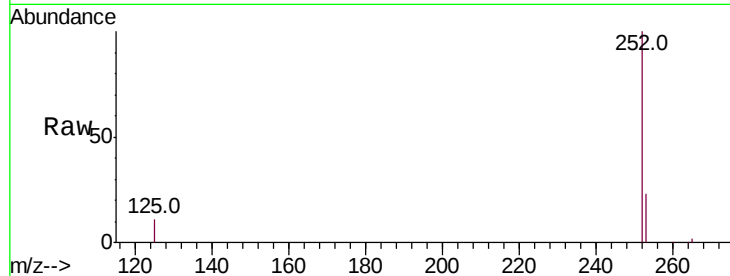
Tot Ion:252 Resp: 179225

Ion Ratio Lower Upper

252 100

253 23.0 23.4 35.2#

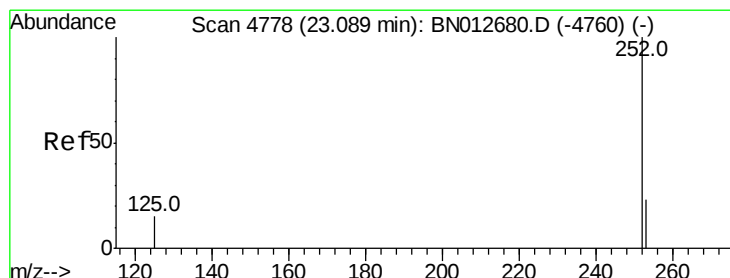
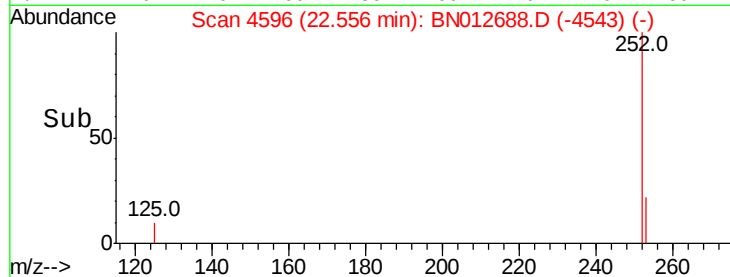
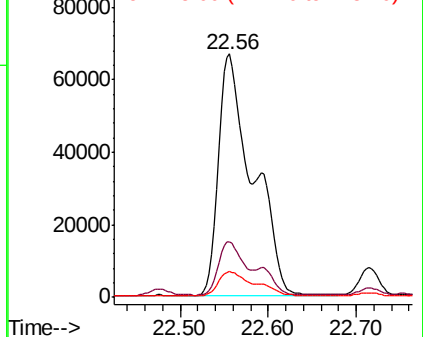
125 10.6 10.2 15.2



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



#23

Benzo(a)pyrene

Concen: 3.847 ng/ul

RT: 23.09 min Scan# 4778

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

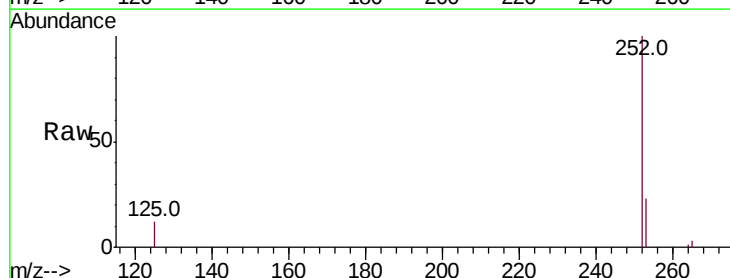
Tgt Ion:252 Resp: 83528

Ion Ratio Lower Upper

252 100

253 23.3 27.6 41.4#

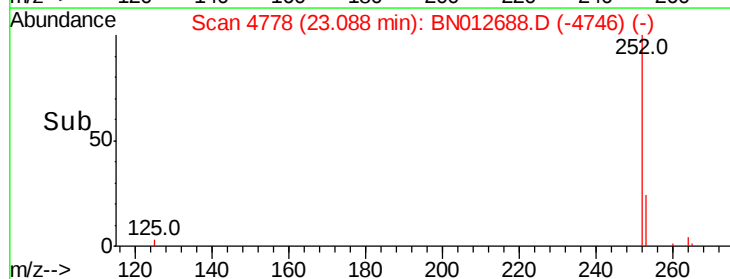
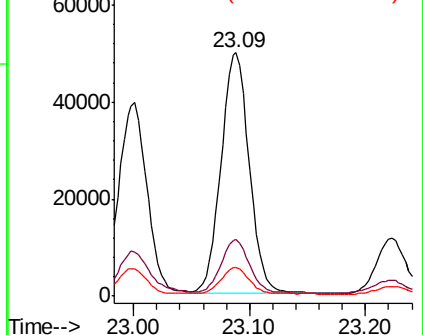
125 11.7 17.0 25.4#

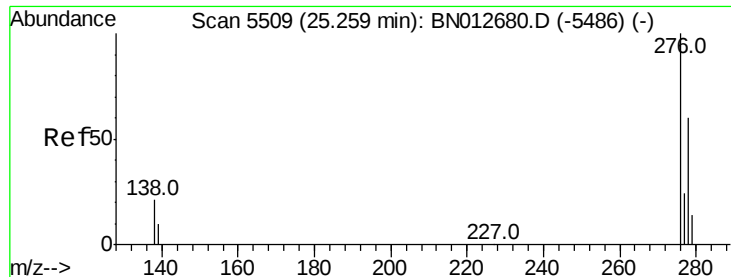


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



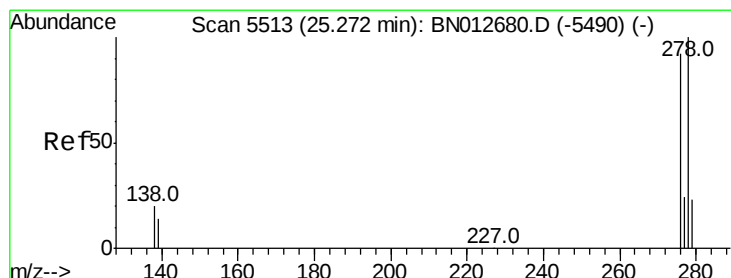
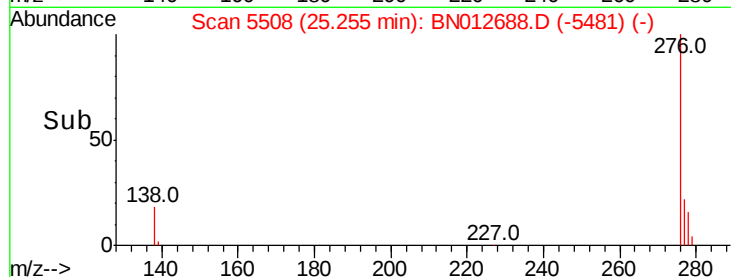
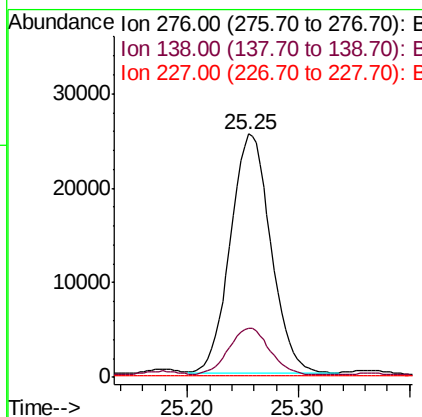
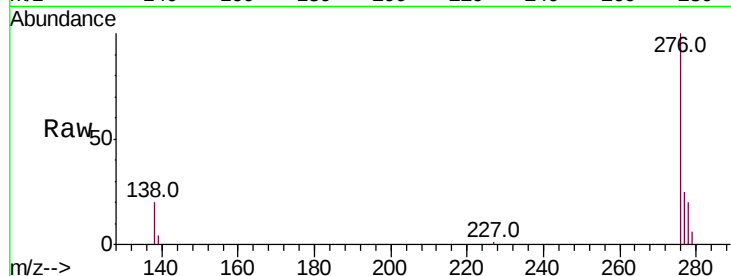


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.231 ng/u1
RT: 25.25 min Scan# 5508
Delta R.T. -0.01 min
Lab File: BN012688.D
Acq: 21 Nov 2020 16:02

Instrument :
BNA_N
ClientSampleId :
C0B35DL

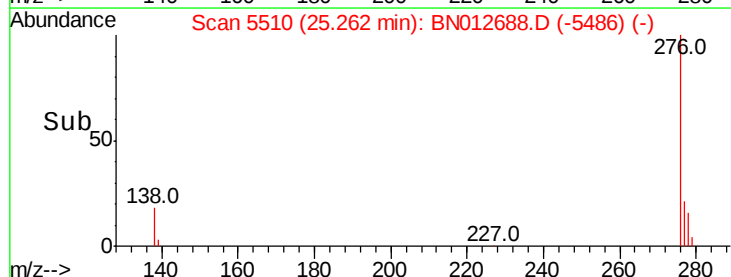
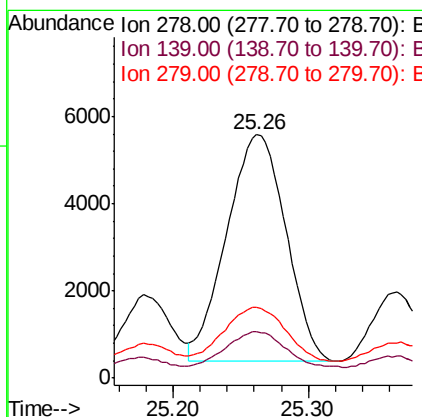
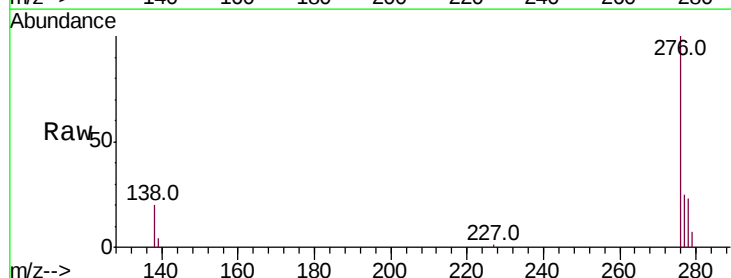
Tot Ion:276 Resp: 63340
Ion Ratio Lower Upper
276 100
138 20.1 16.5 24.7
227 0.1 0.1 0.1#

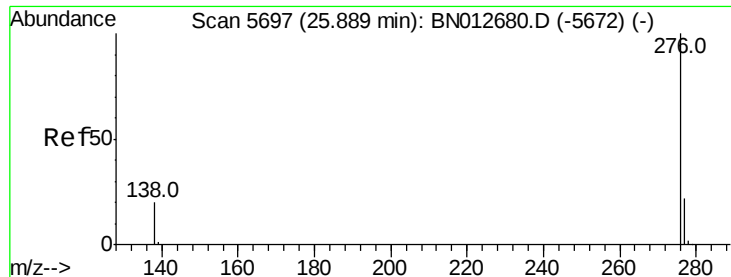


#25

Dibenzo(a,h)anthracene
Concen: 0.697 ng/u1
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012688.D
Acq: 21 Nov 2020 16:02

Tgt Ion:278 Resp: 15902
Ion Ratio Lower Upper
278 100
139 19.1 13.8 20.8
279 29.2 25.6 38.4





#26

Benzo(a,h,i)perylene

Concen: 2.304 ng/ul

RT: 25.89 min Scan# 5697

Delta R.T. -0.01 min

Lab File: BN012688.D

Acq: 21 Nov 2020 16:02

Instrument :

BNA_N

ClientSampleId :

C0B35DL

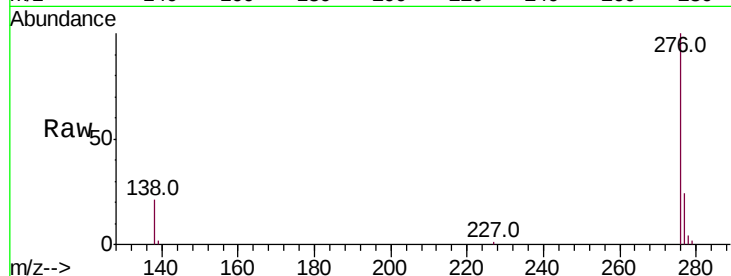
Tot Ion:276 Resp: 58866

Ion Ratio Lower Upper

276 100

138 20.8 16.3 24.5

277 24.2 21.8 32.8



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

