

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012281.D
 Acq On : 16 Oct 2020 23:41
 Operator : CG/JU
 Sample : L4201-11DL 10X
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AL9DL

Quant Time: Oct 17 00:28:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 23:42:05 2020
 Response via : Initial Calibration

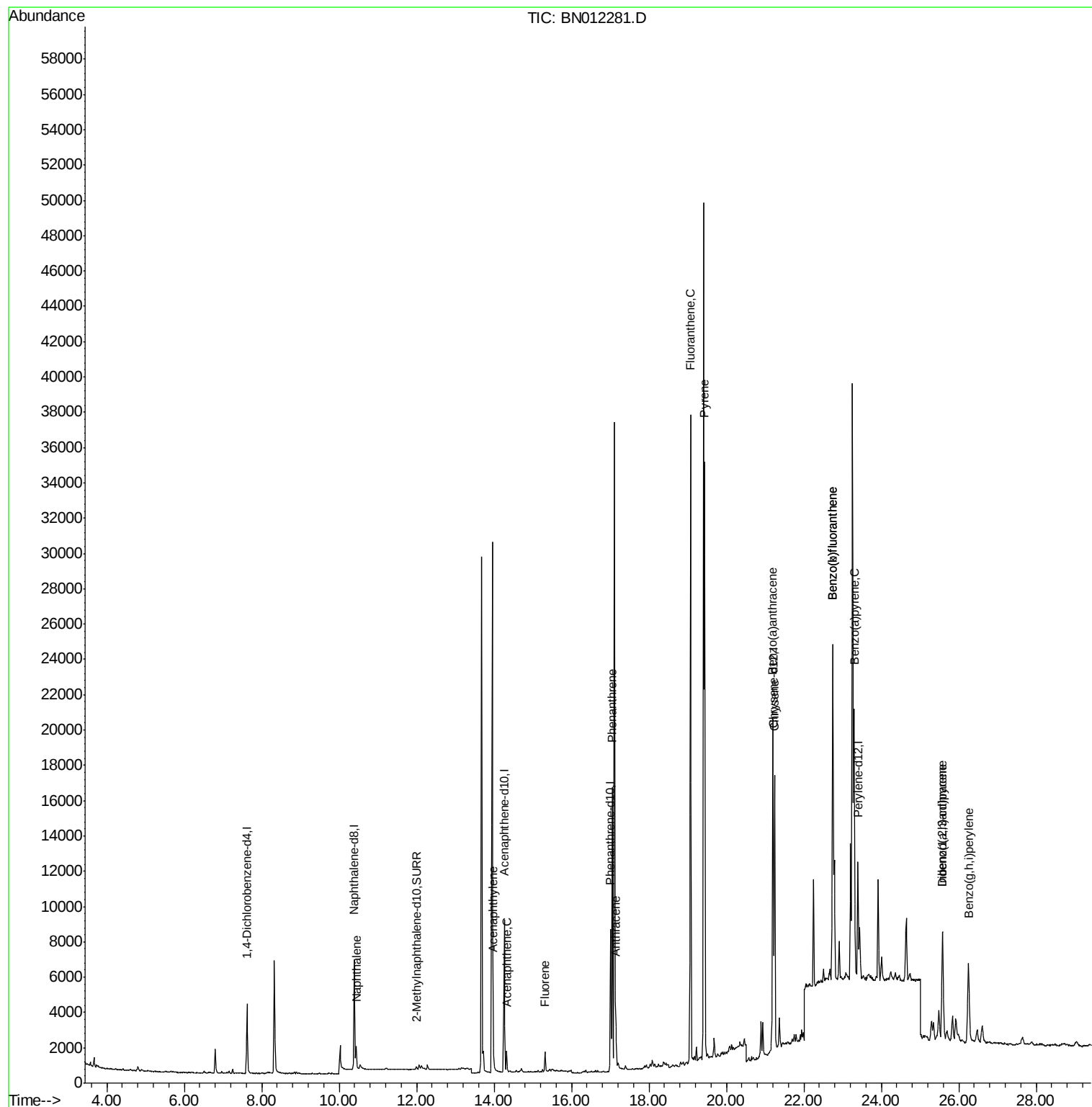
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4822	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9531	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7666	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7724	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	287	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	499	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1647	0.067	ng/ul#	92
7) Acenaphthylene	13.98	152	1171	0.056	ng/ul#	87
8) Acenaphthene	14.32	153	710	0.040	ng/ul	94
9) Fluorene	15.31	166	792	0.040	ng/ul#	92
12) Phenanthrene	17.05	178	16794	0.553	ng/ul	99
13) Anthracene	17.14	178	3198	0.123	ng/ul	95
15) Fluoranthene	19.07	202	31614	0.890	ng/ul	99
17) Pyrene	19.44	202	27731	0.802	ng/ul	99
18) Benzo(a)anthracene	21.19	228	14300	0.504	ng/ul	96
19) Chrysene	21.24	228	15014	0.434	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	27209	0.872	ng/ul#	42
22) Benzo(k)fluoranthene	22.74	252	27209	0.788	ng/ul#	41
23) Benzo(a)pyrene	23.30	252	13627	0.449	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.58	276	9768	0.251	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	2625	0.084	ng/ul#	37
26) Benzo(a,h,i)perylene	26.25	276	9338	0.261	ng/ul#	89

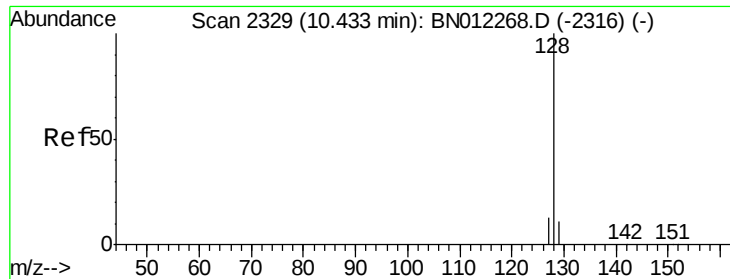
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 23:42:05 2020
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. 0.01 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

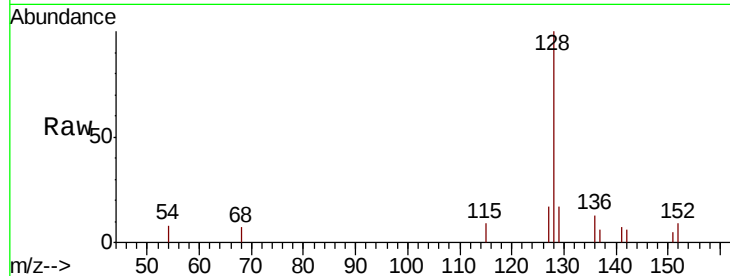
Tot Ion:128 Resp: 1647

Ion Ratio Lower Upper

128 100

129 16.7 10.3 15.5#

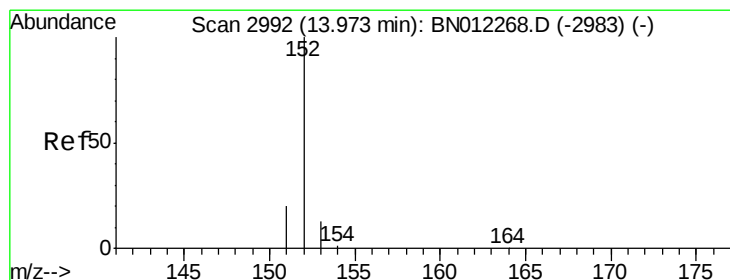
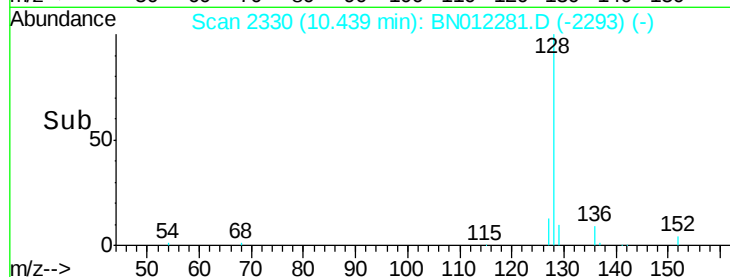
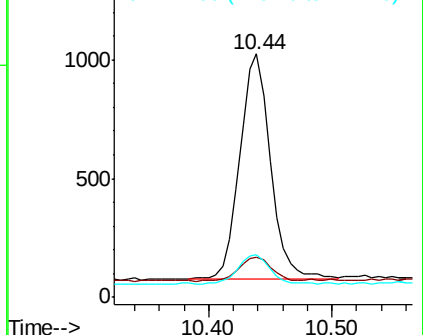
127 17.3 11.9 17.9



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



#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

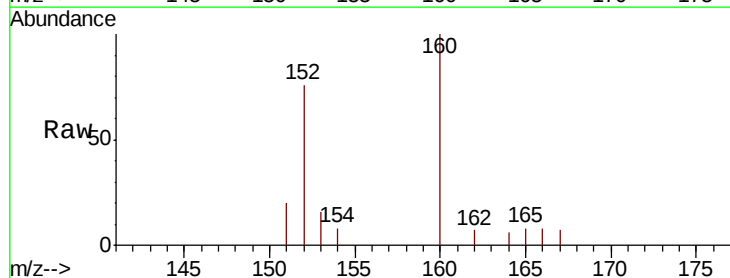
Tgt Ion:152 Resp: 1171

Ion Ratio Lower Upper

152 100

151 26.8 16.7 25.1#

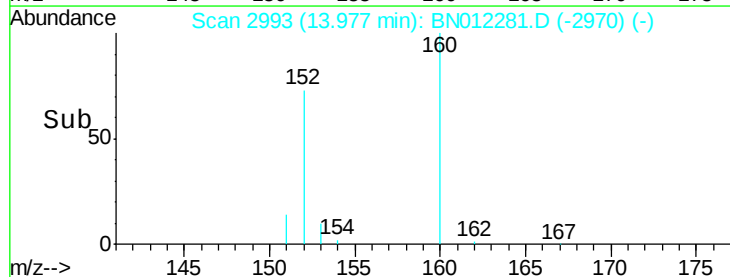
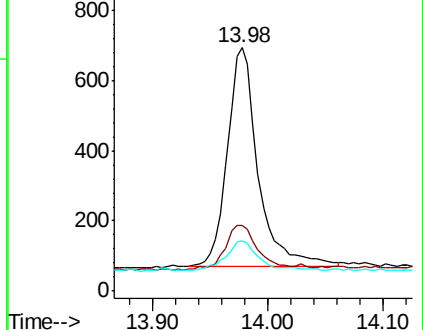
153 20.9 11.8 17.8#

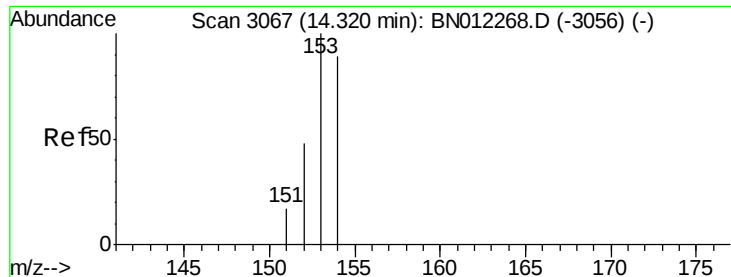


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

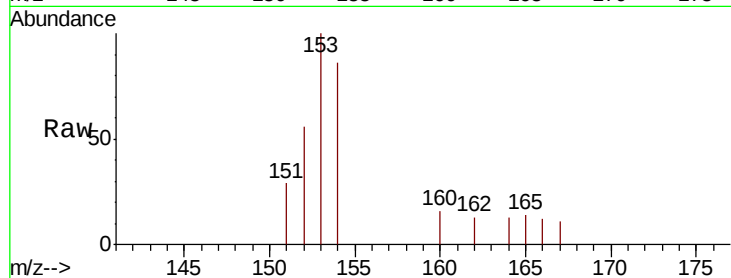
Tot Ion:153 Resp: 710

Ion Ratio Lower Upper

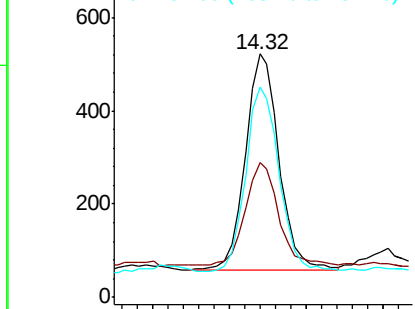
153 100

152 55.6 38.2 57.2

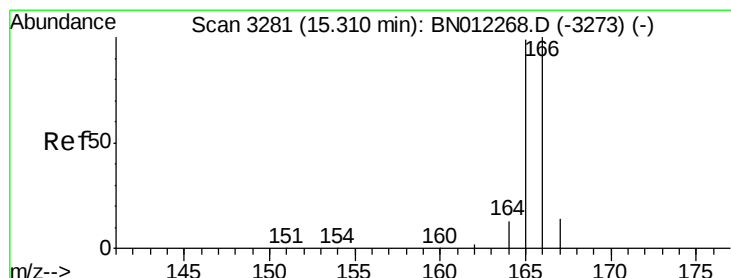
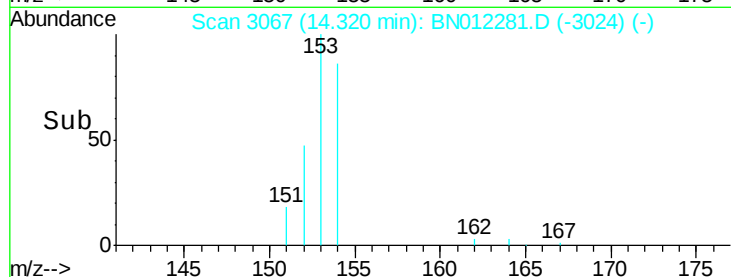
154 86.4 71.1 106.7



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



Time-->



#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

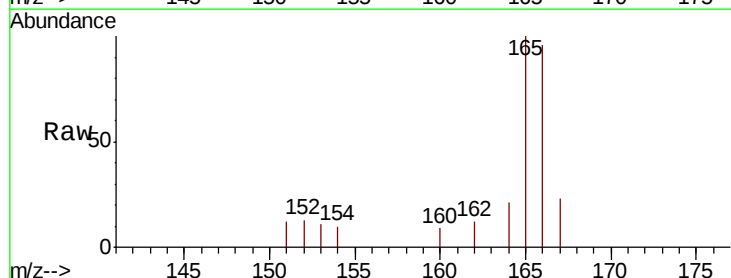
Tgt Ion:166 Resp: 792

Ion Ratio Lower Upper

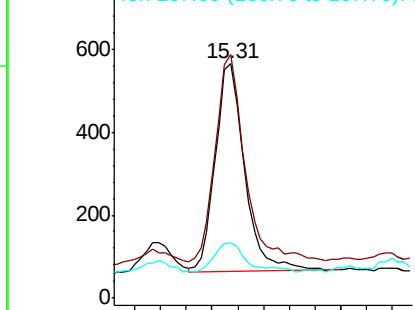
166 100

165 103.9 78.6 118.0

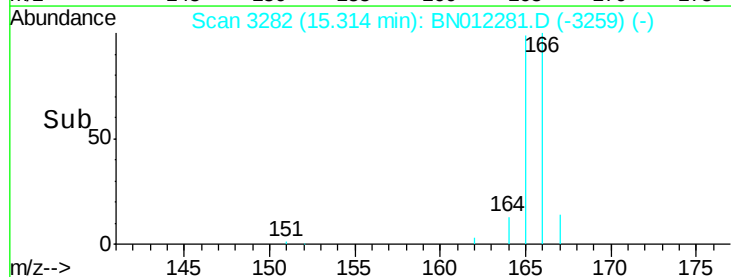
167 23.5 11.9 17.9#

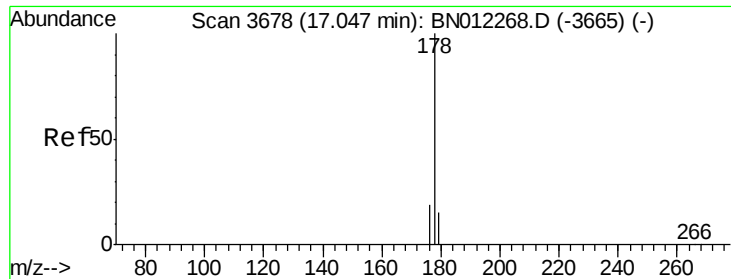


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.553 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

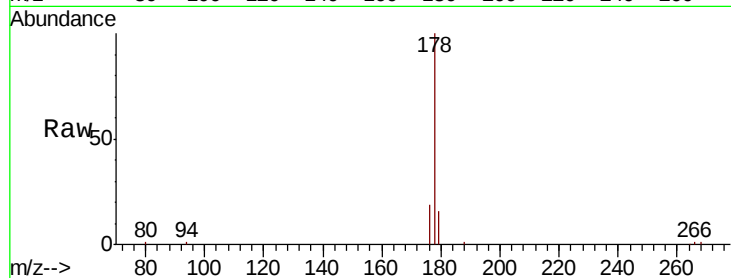
Tot Ion:178 Resp: 16794

Ion Ratio Lower Upper

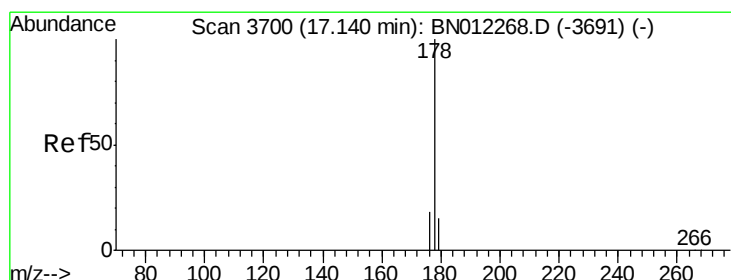
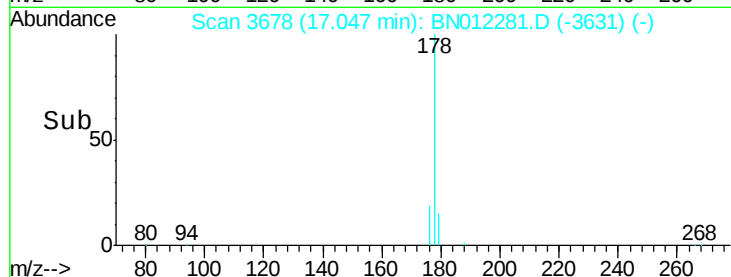
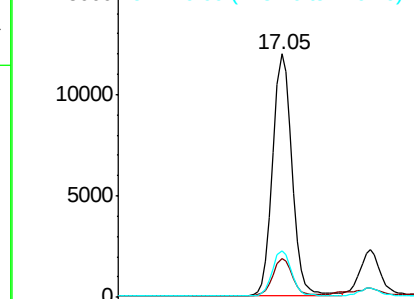
178 100

179 16.1 13.4 20.2

176 19.3 15.7 23.5



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



#13

Anthracene

Concen: 0.123 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

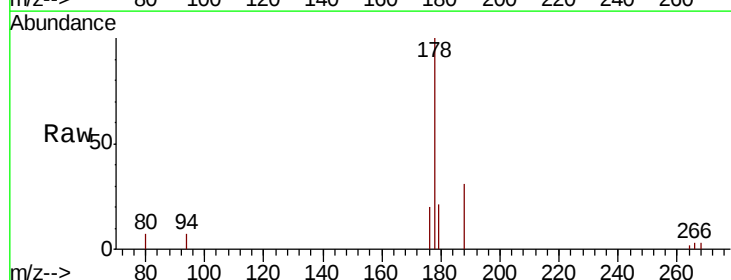
Tgt Ion:178 Resp: 3198

Ion Ratio Lower Upper

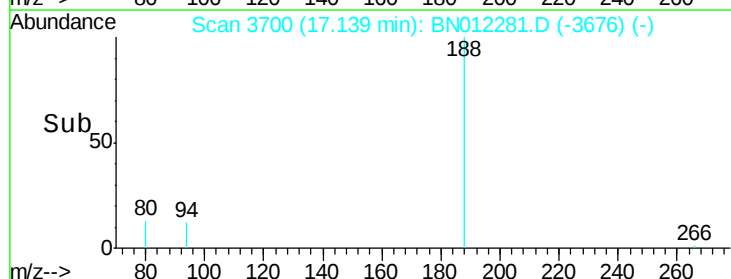
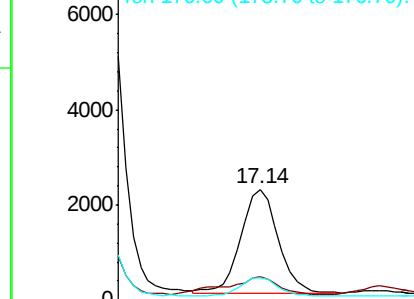
178 100

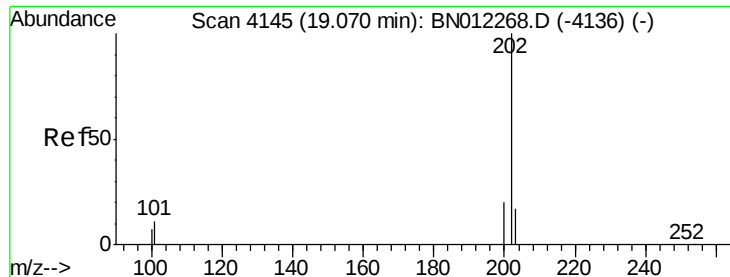
179 20.8 13.9 20.9

176 20.1 15.4 23.0



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

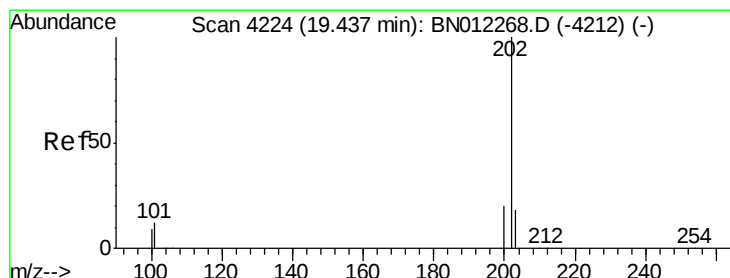
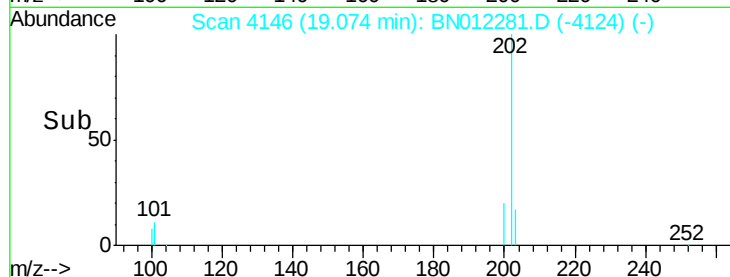
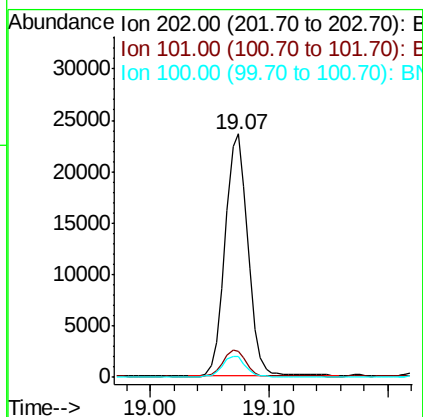
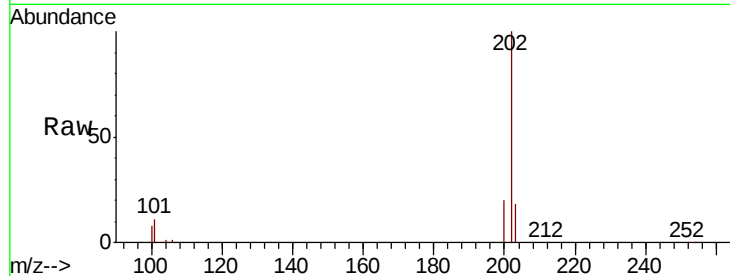




#15
Fluoranthene
 Concen: 0.890 ng/ul
 RT: 19.07 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: BN012281.D
 Acq: 16 Oct 2020 23:41

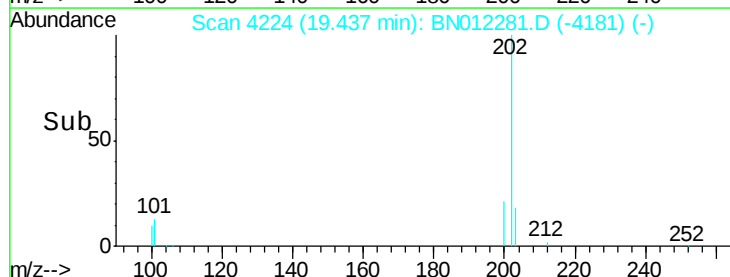
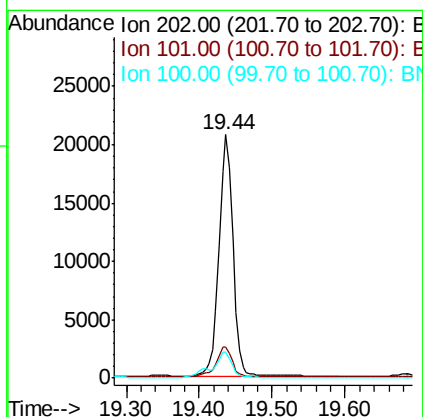
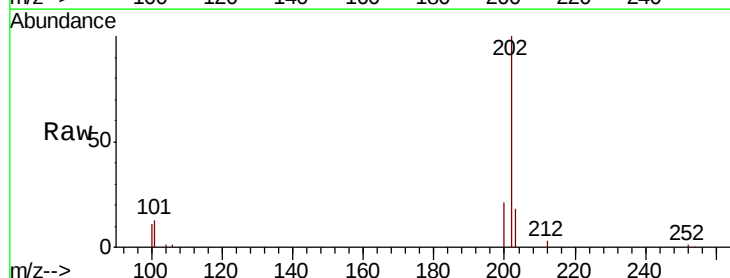
Instrument :
 BNA_N
 ClientSampleId :
 C0AL9DL

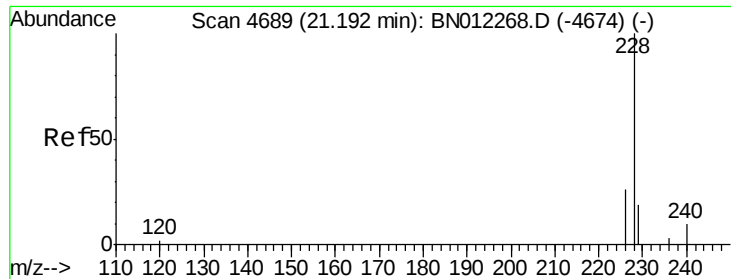
Tot Ion:202 Resp: 31614
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 31.0
 100 8.3 0.0 28.7



#17
Pyrene
 Concen: 0.802 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012281.D
 Acq: 16 Oct 2020 23:41

Tgt Ion:202 Resp: 27731
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.9 14.9
 100 10.7 8.0 12.0





#18

Benzo(a)anthracene

Concen: 0.504 ng/ul

RT: 21.19 min Scan# 4689

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

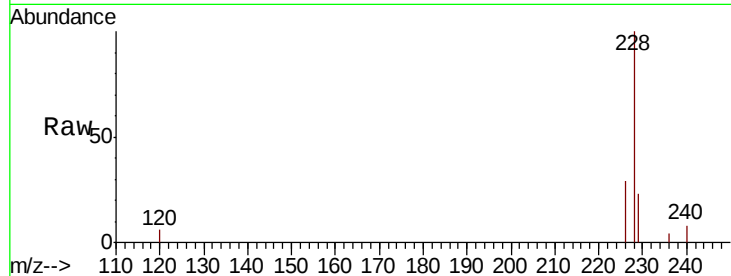
Tot Ion:228 Resp: 14300

Ion Ratio Lower Upper

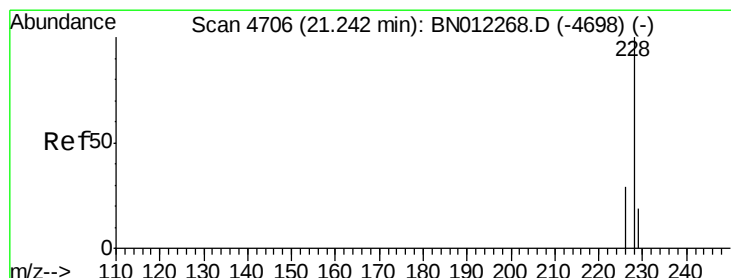
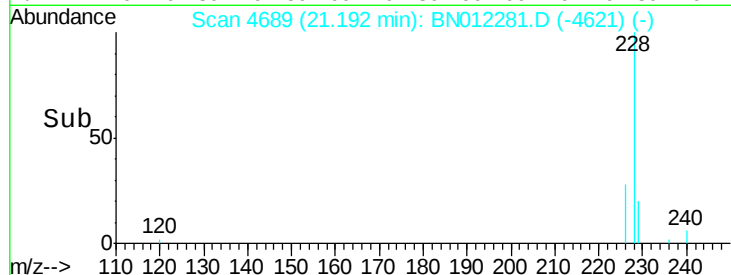
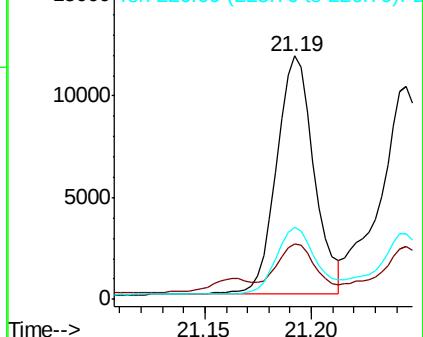
228 100

229 22.7 15.8 23.8

226 29.4 22.6 33.8



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: 0.434 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

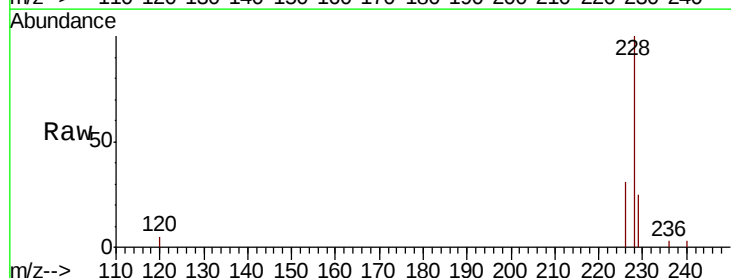
Tgt Ion:228 Resp: 15014

Ion Ratio Lower Upper

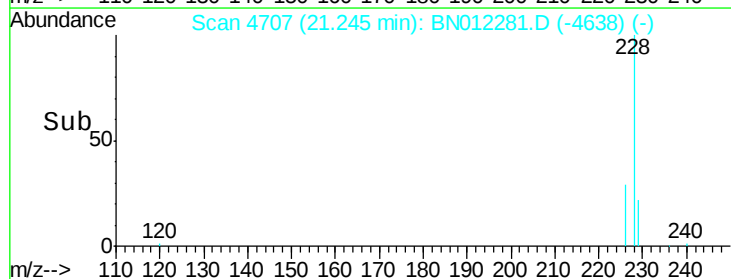
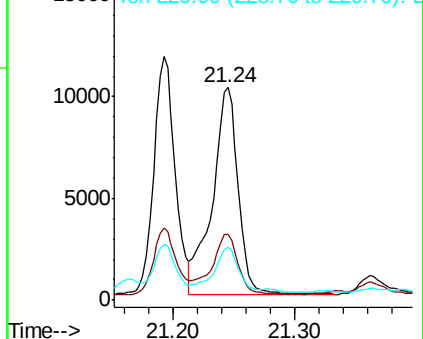
228 100

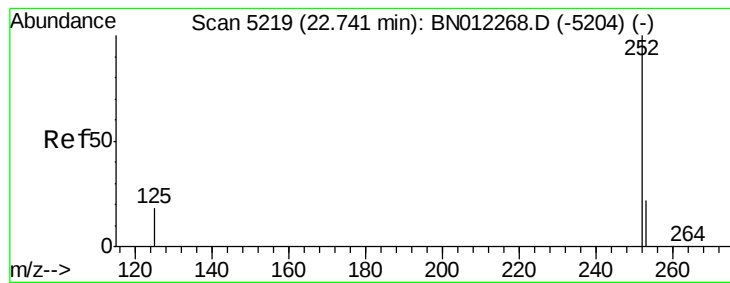
226 31.1 24.6 37.0

229 24.7 17.0 25.6



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: 0.872 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

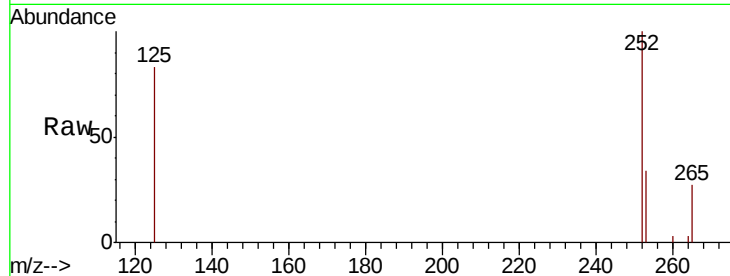
Tot Ion:252 Resp: 27209

Ion Ratio Lower Upper

252 100

253 34.1 0.0 61.6

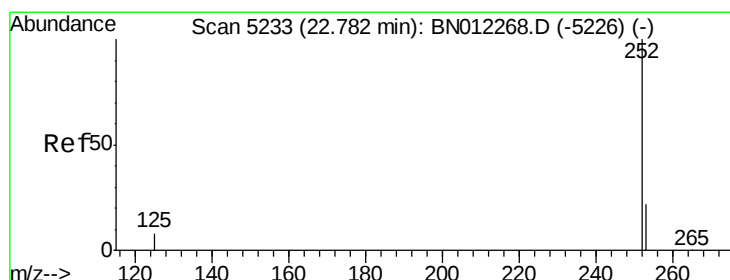
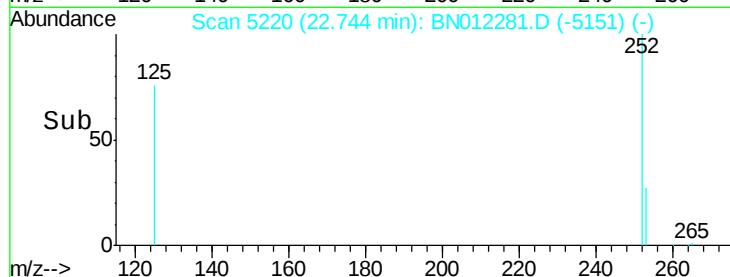
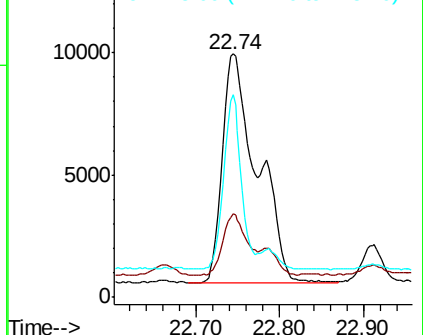
125 83.2 0.0 36.8#



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: 0.788 ng/ul

RT: 22.74 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

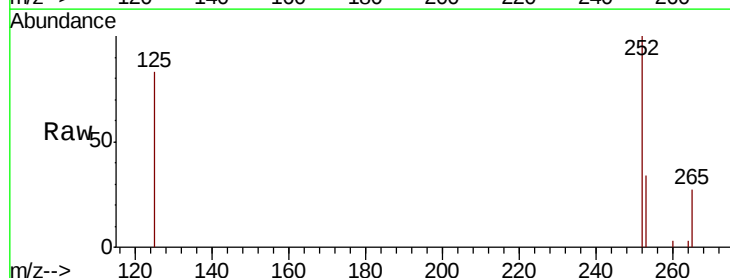
Tgt Ion:252 Resp: 27209

Ion Ratio Lower Upper

252 100

253 34.1 24.4 36.6

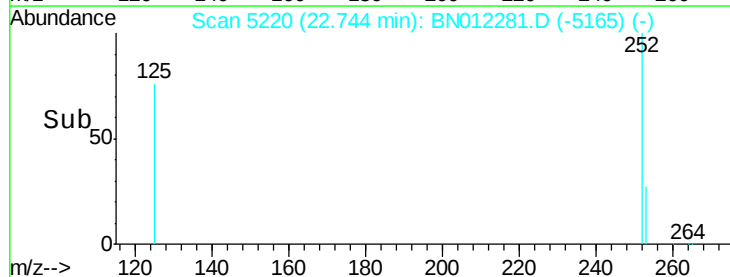
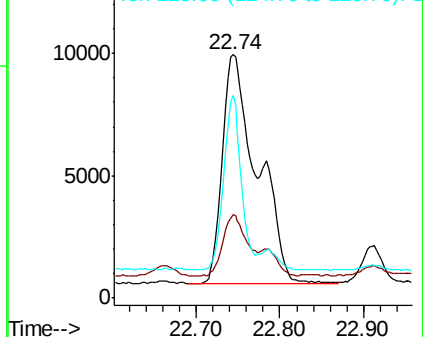
125 83.2 12.9 19.3#

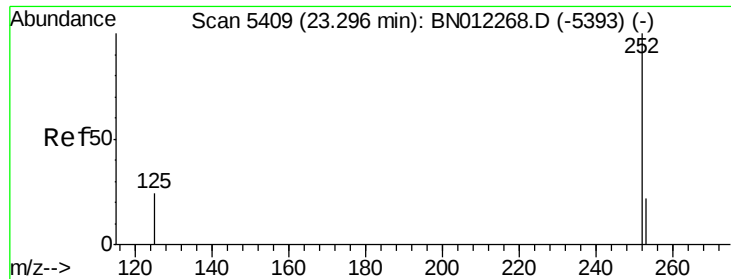


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.449 ng/u1

RT: 23.30 min Scan# 5410

Delta R.T. 0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

C0AL9DL

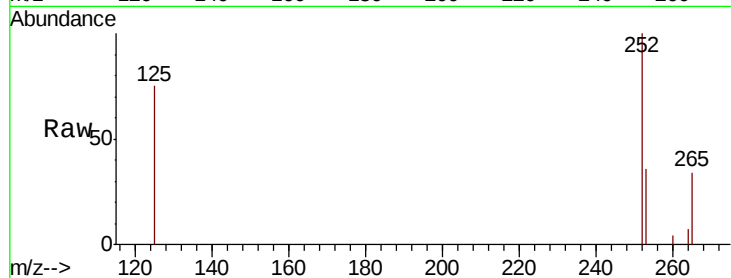
Tot Ion:252 Resp: 13627

Ion Ratio Lower Upper

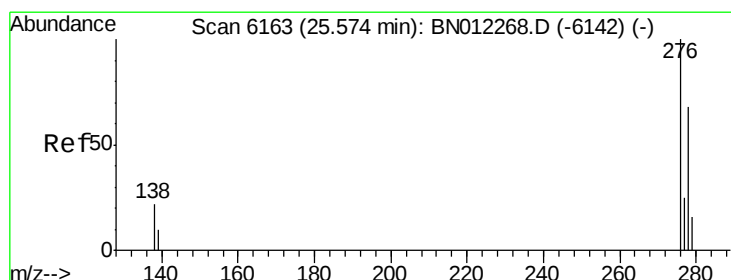
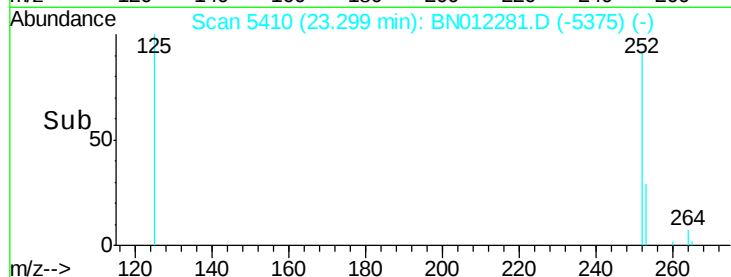
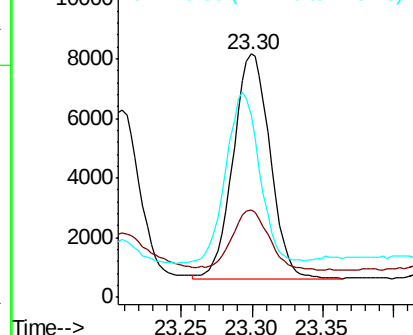
252 100

253 36.0 27.0 40.4

125 75.0 18.8 28.2#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.251 ng/u1

RT: 25.58 min Scan# 6165

Delta R.T. 0.01 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

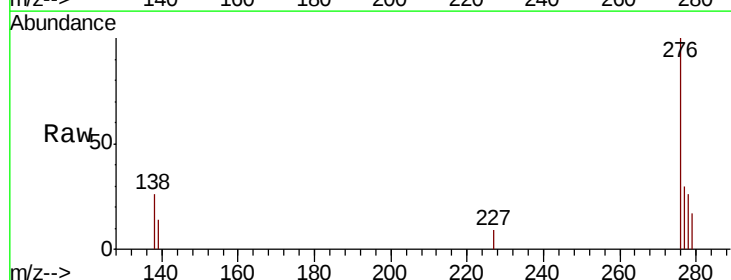
Tgt Ion:276 Resp: 9768

Ion Ratio Lower Upper

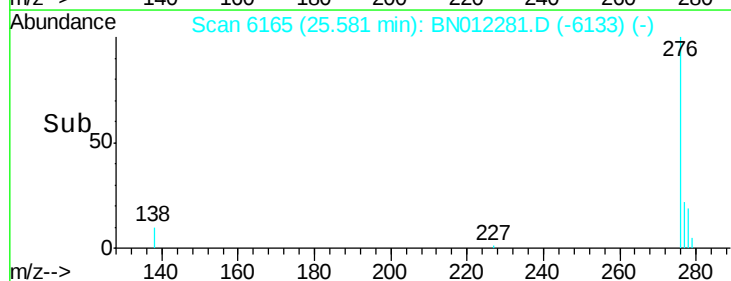
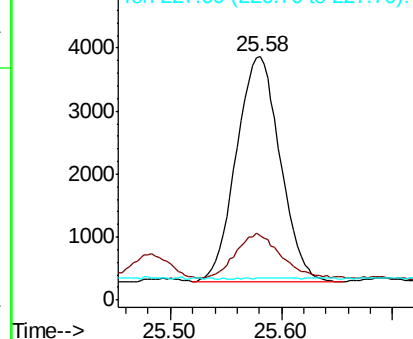
276 100

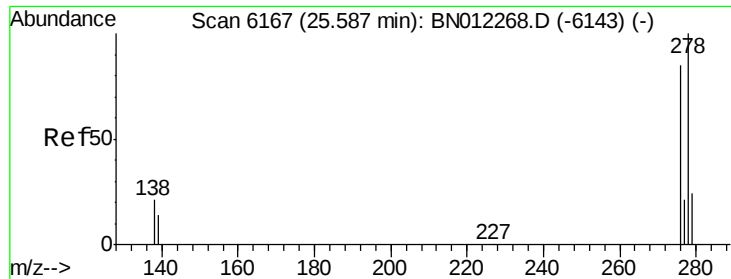
138 20.8 0.0 0.0#

227 0.1 0.0 0.0#



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





#25

Dibenzo(a,h)anthracene

Concen: 0.084 ng/ul

RT: 25.59 min Scan# 6167

Delta R.T. -0.00 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

Instrument :

BNA_N

ClientSampleId :

COAL9DL

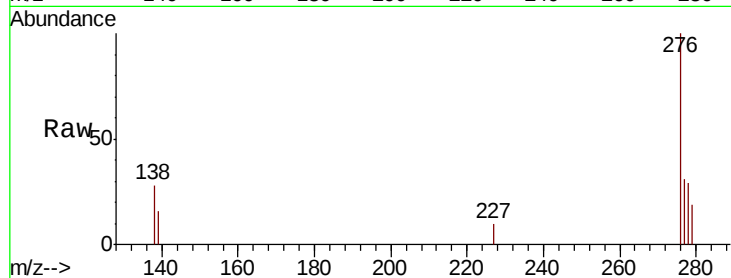
Tot Ion:278 Resp: 2625

Ion Ratio Lower Upper

278 100

139 53.5 15.7 23.5#

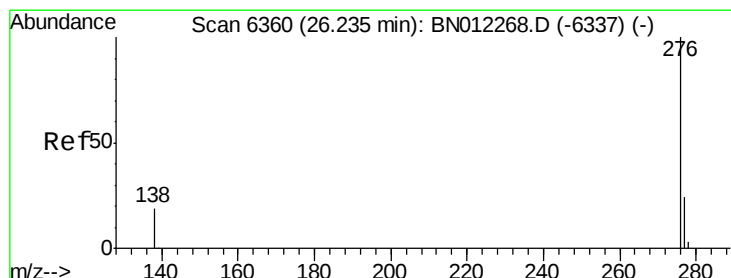
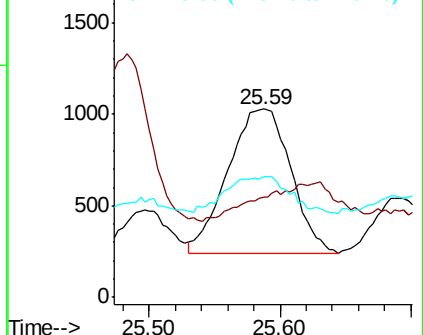
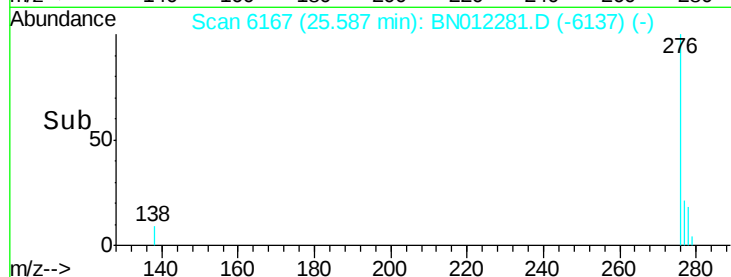
279 63.9 26.0 39.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.261 ng/ul

RT: 26.25 min Scan# 6364

Delta R.T. 0.01 min

Lab File: BN012281.D

Acq: 16 Oct 2020 23:41

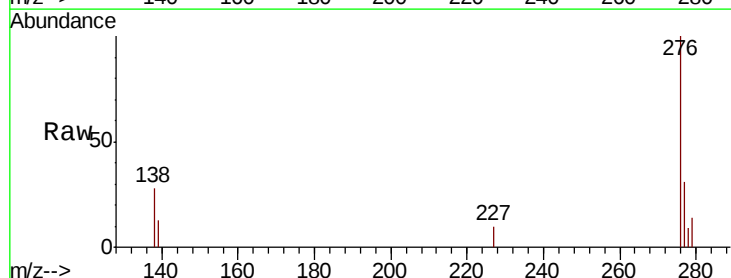
Tgt Ion:276 Resp: 9338

Ion Ratio Lower Upper

276 100

138 27.8 17.1 25.7#

277 31.4 21.1 31.7



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

