

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012249.D
 Acq On : 16 Oct 2020 02:26
 Operator : CG/JU
 Sample : L4235-15
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 06:28:02 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 06:21:01 2020
 Response via : Initial Calibration

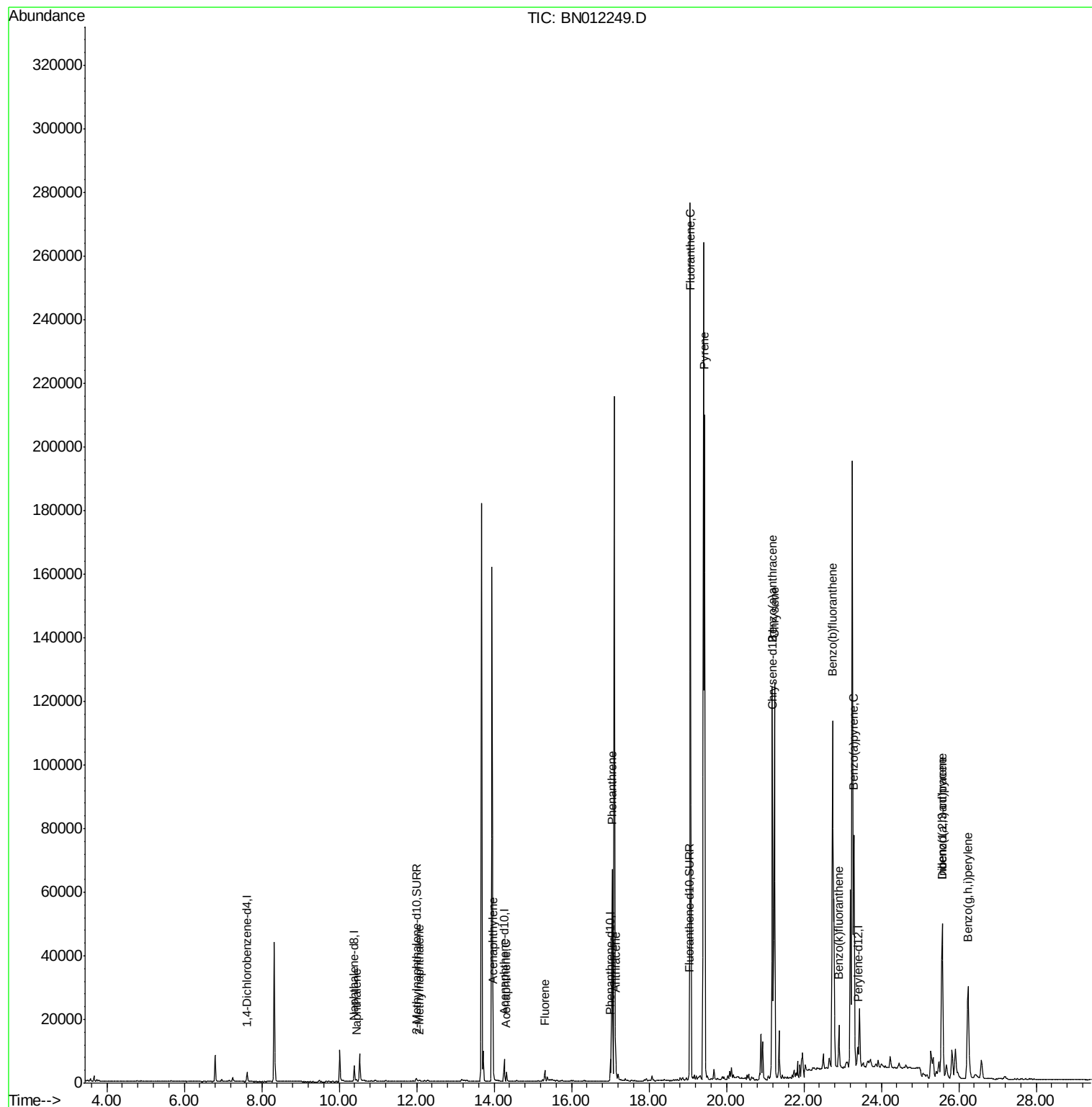
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	6532	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7849	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	6929	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7076	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1313	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	2814	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	624	0.033	ng/ul#	77
5) 2-Methylnaphthalene	12.06	142	309	0.026	ng/ul	99
7) Acenaphthylene	13.98	152	2290	0.140	ng/ul	96
8) Acenaphthene	14.32	153	1591	0.115	ng/ul	97
9) Fluorene	15.31	166	2295	0.149	ng/ul	99
12) Phenanthrene	17.05	178	67211	2.686	ng/ul	98
13) Anthracene	17.14	178	11457	0.534	ng/ul	98
15) Fluoranthene	19.07	202	228054	7.795	ng/ul	99
17) Pyrene	19.44	202	173605	5.557	ng/ul	98
18) Benzo(a)anthracene	21.19	228	100029	3.897	ng/ul	99
19) Chrysene	21.24	228	118147	3.778	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	222475	7.784	ng/ul	87
22) Benzo(k)fluoranthene	22.90	252	16091	0.509	ng/ul	96
23) Benzo(a)pyrene	23.30	252	93542	3.364	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.57	276	72560	2.031	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	19149	0.670	ng/ul	97
26) Benzo(a,h,i)perylene	26.24	276	58965	1.801	ng/ul	97

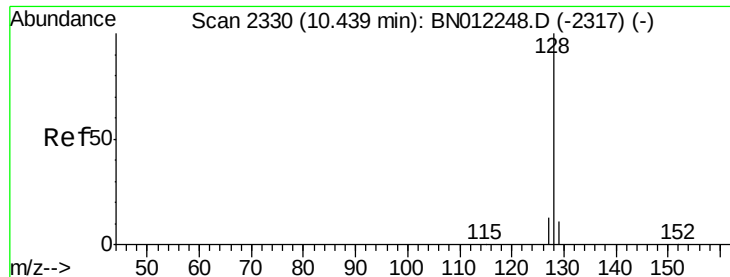
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampleId :

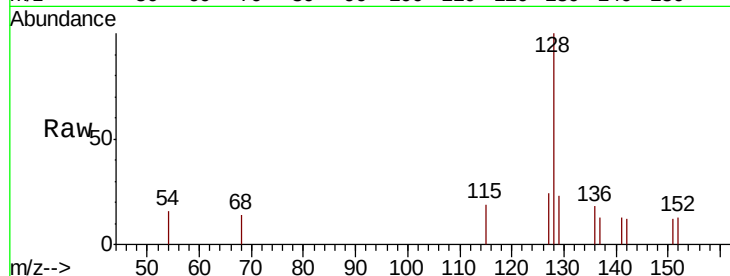
Tot Ion:128 Resp: 624

Ion Ratio Lower Upper

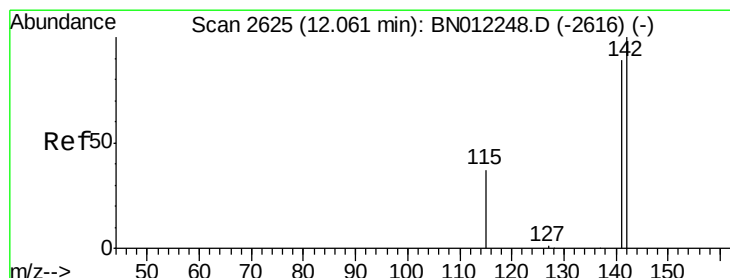
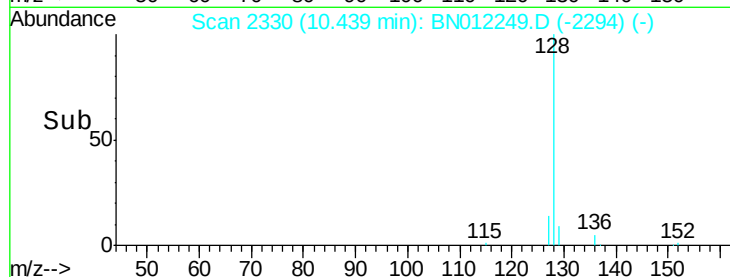
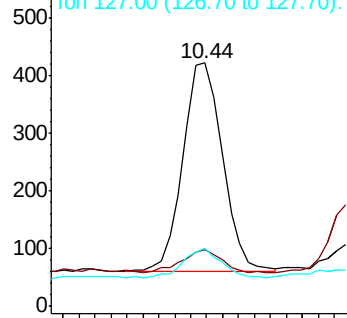
128 100

129 23.0 10.3 15.5#

127 23.7 11.9 17.9#



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BN012249.D

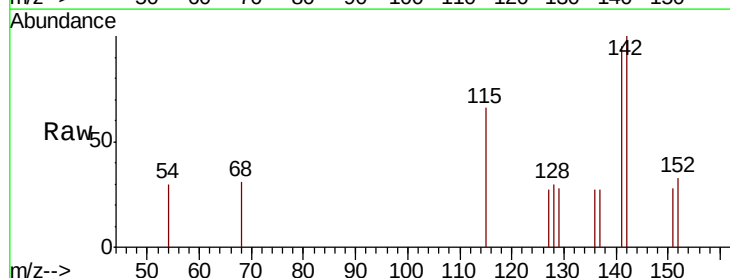
Acq: 16 Oct 2020 02:26

Tgt Ion:142 Resp: 309

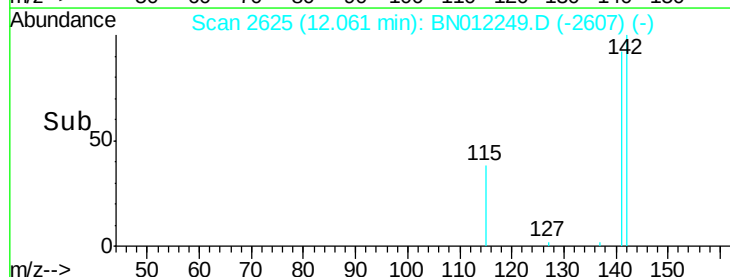
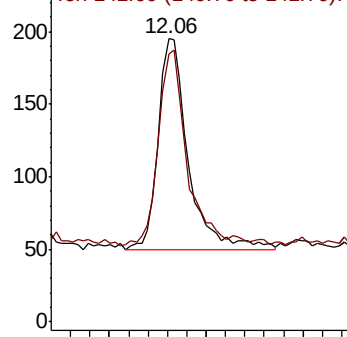
Ion Ratio Lower Upper

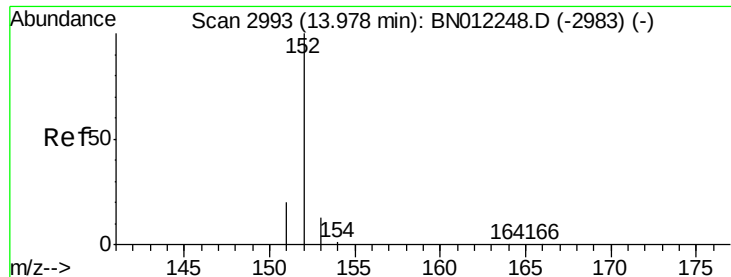
142 100

141 90.9 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.140 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampleId :

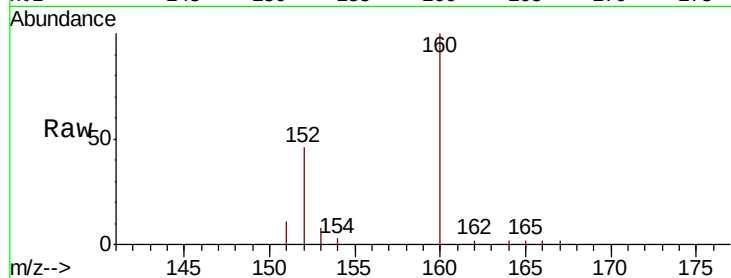
Tot Ion:152 Resp: 2290

Ion Ratio Lower Upper

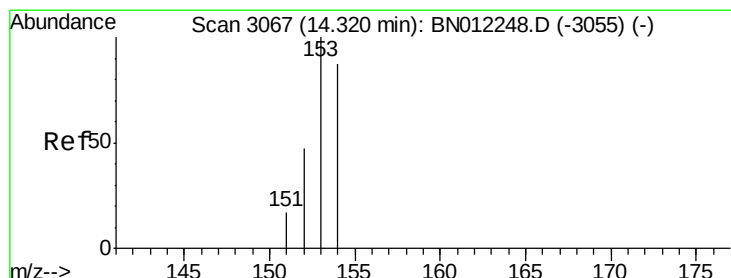
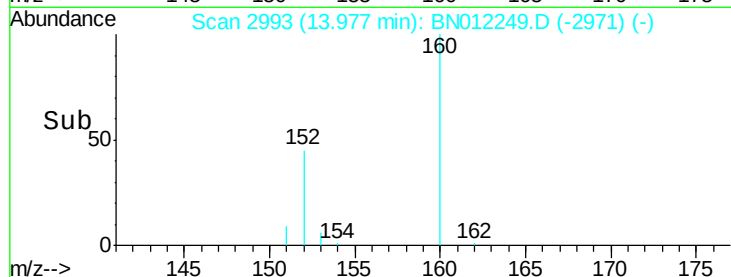
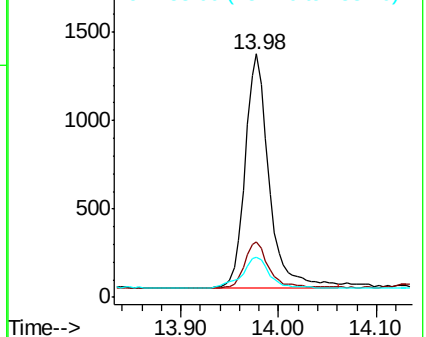
152 100

151 22.8 16.7 25.1

153 16.6 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: 0.115 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

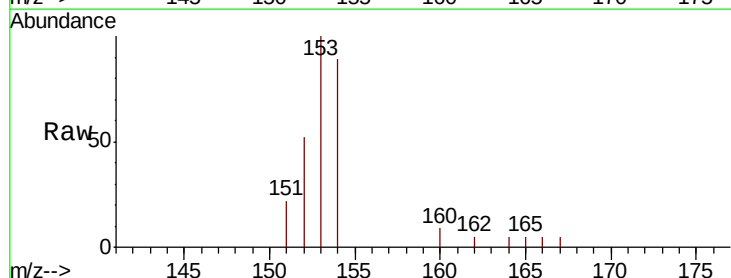
Tgt Ion:153 Resp: 1591

Ion Ratio Lower Upper

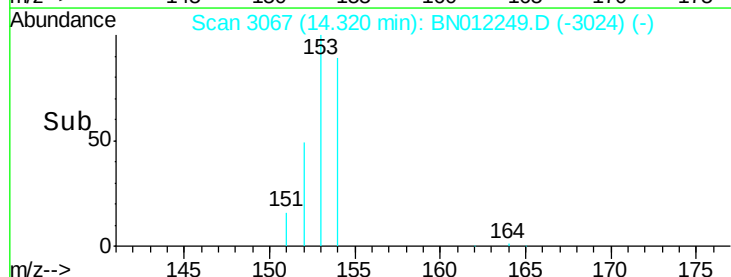
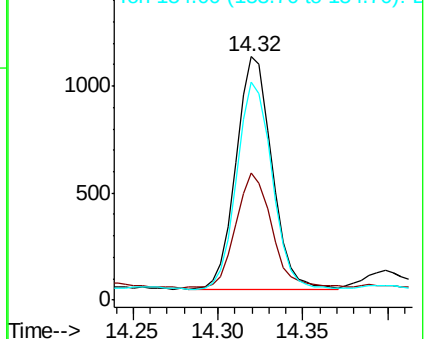
153 100

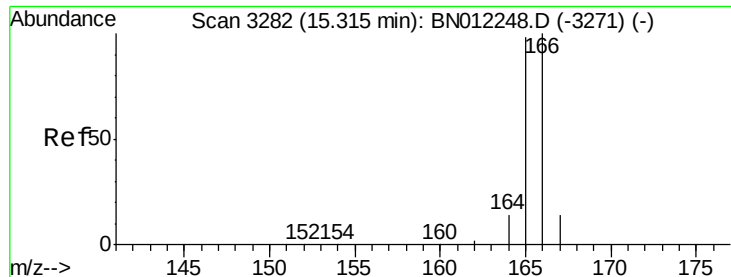
152 52.3 38.2 57.2

154 89.5 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

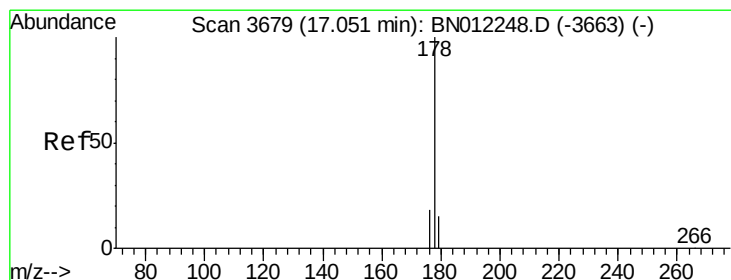
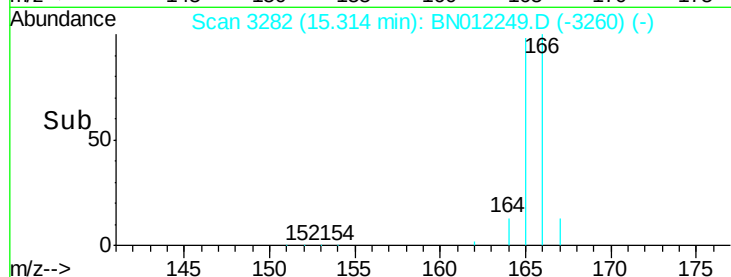
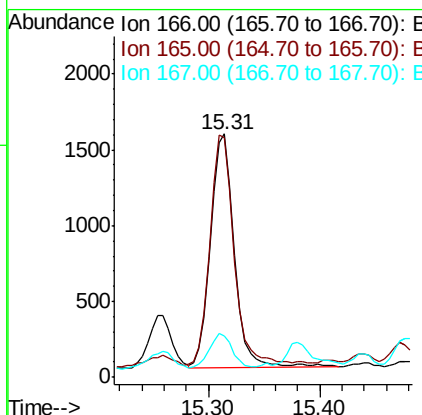
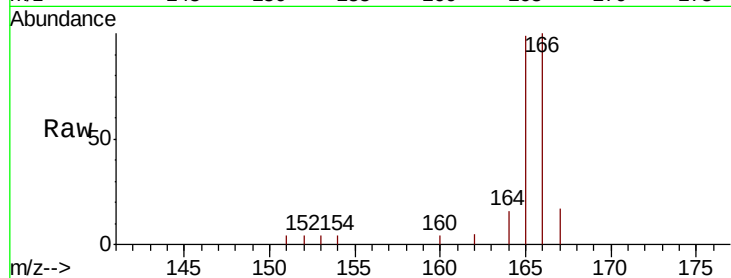




#9
Fluorene
 Concen: 0.149 ng/ul
 RT: 15.31 min Scan# 3282
 Delta R.T. -0.00 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

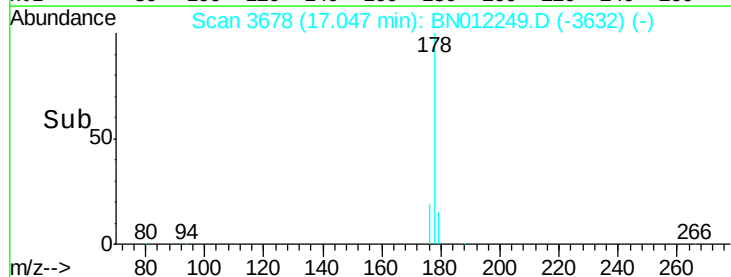
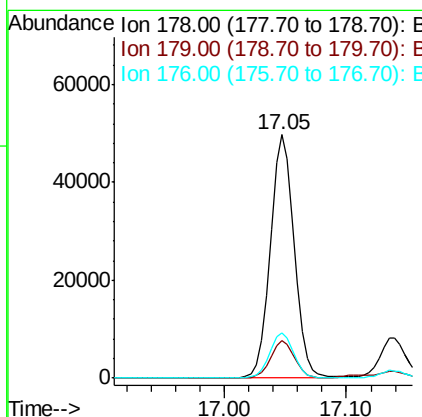
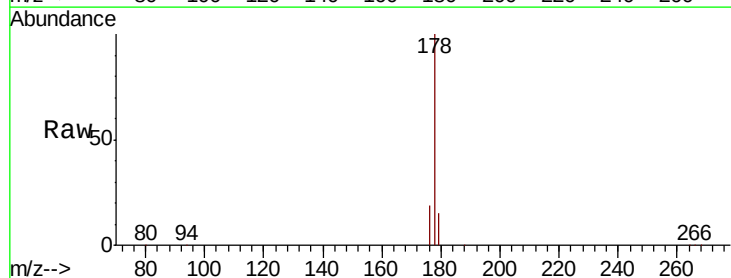
Instrument :
 BNA_N
 ClientSampleId :

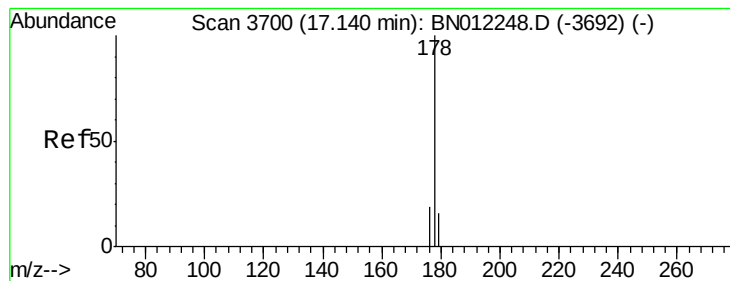
Tot Ion:166 Resp: 2295
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.6 118.0
 167 16.9 11.9 17.9



#12
Phenanthrene
 Concen: 2.686 ng/ul
 RT: 17.05 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

Tgt Ion:178 Resp: 67211
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.4 20.2
 176 18.8 15.7 23.5





#13

Anthracene

Concen: 0.534 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampled :

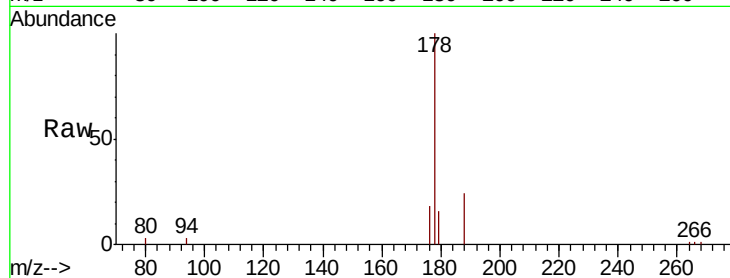
Tot Ion:178 Resp: 11457

Ion Ratio Lower Upper

178 100

179 16.3 13.9 20.9

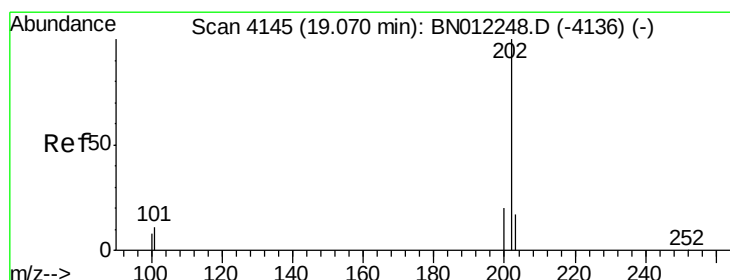
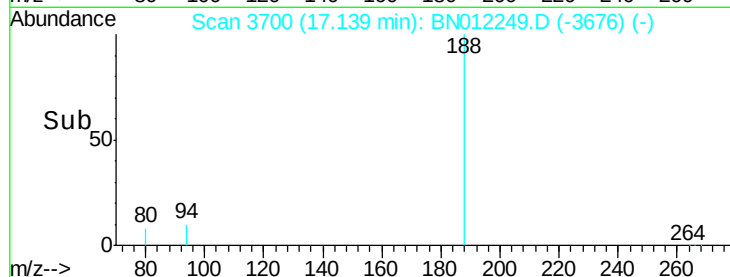
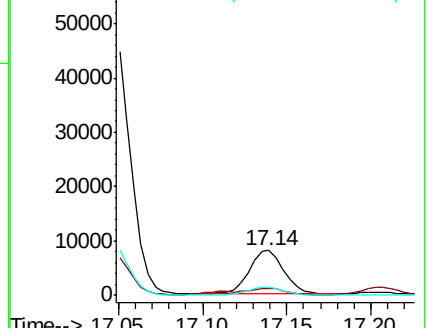
176 18.2 15.4 23.0



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: 7.795 ng/ul

RT: 19.07 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

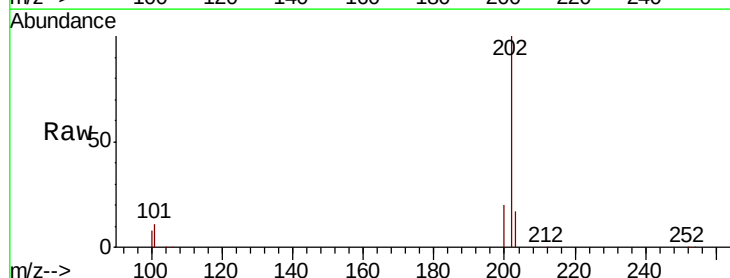
Tgt Ion:202 Resp: 228054

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

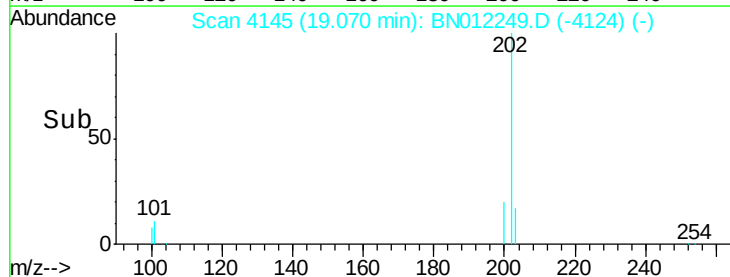
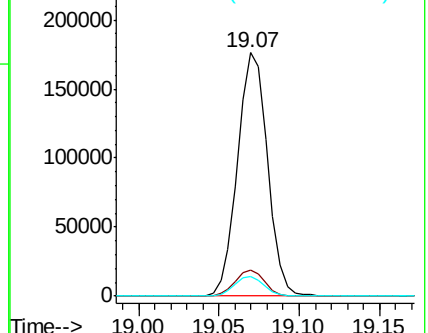
100 8.2 0.0 28.7

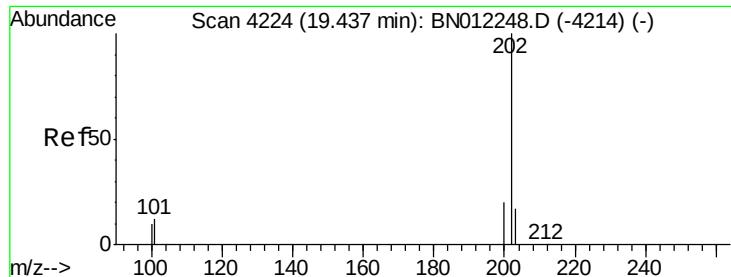


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 5.557 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampleId :

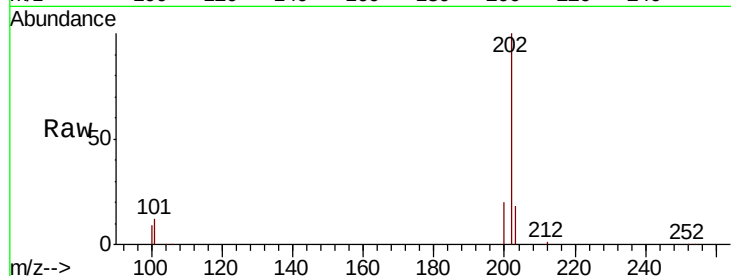
Tot Ion:202 Resp: 173605

Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

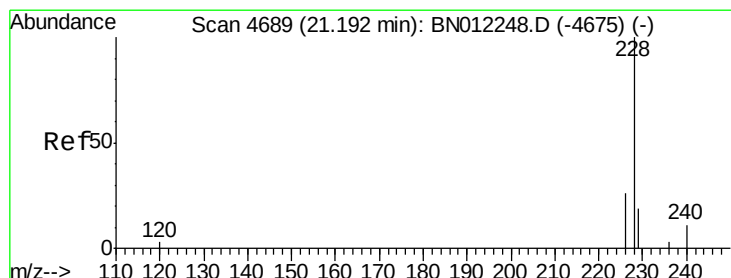
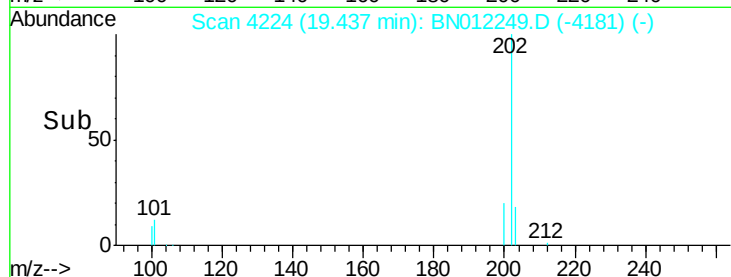
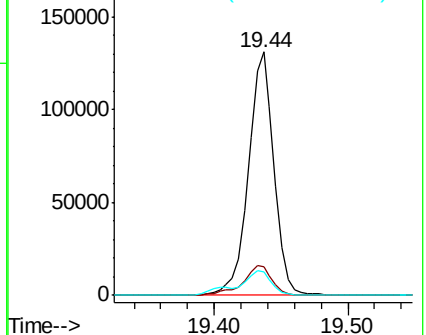
100 9.4 8.0 12.0



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: 3.897 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

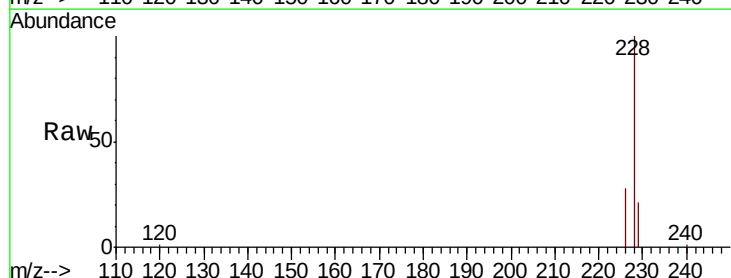
Tgt Ion:228 Resp: 100029

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.8

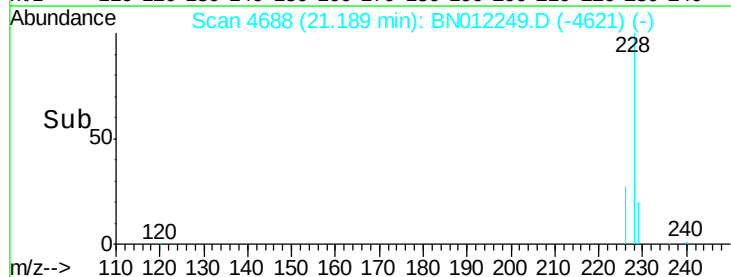
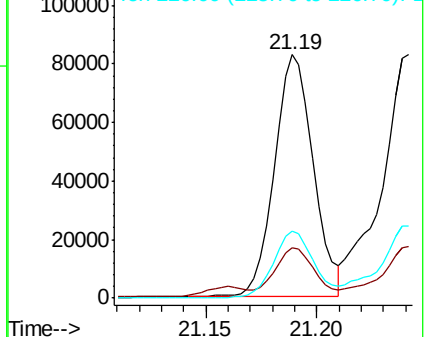
226 27.6 22.6 33.8

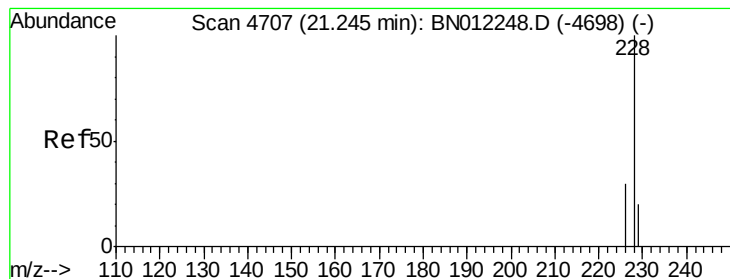


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.778 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampled :

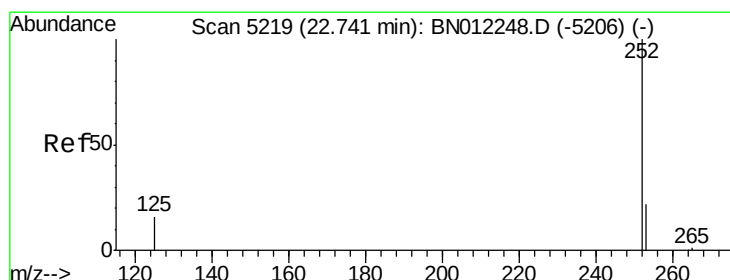
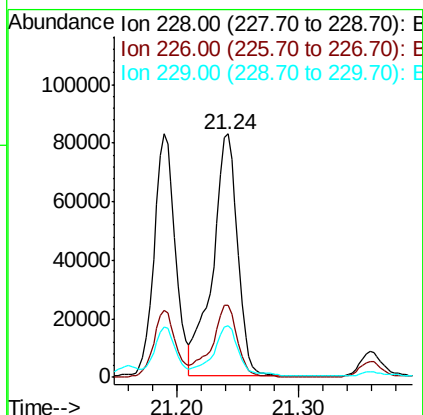
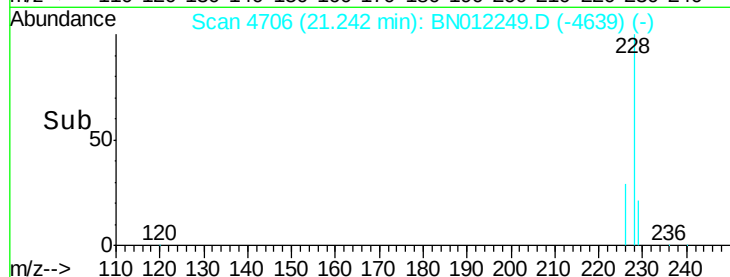
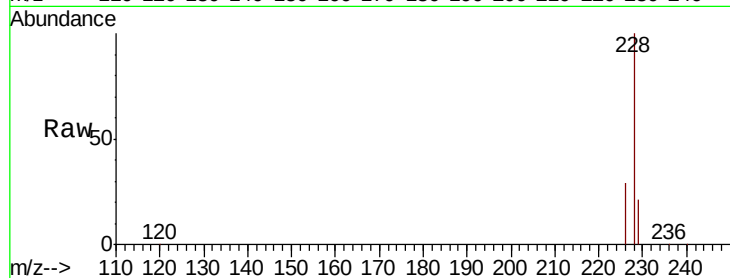
Tot Ion:228 Resp: 118147

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

229 21.4 17.0 25.6



#21

Benzo(b)fluoranthene

Concen: 7.784 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

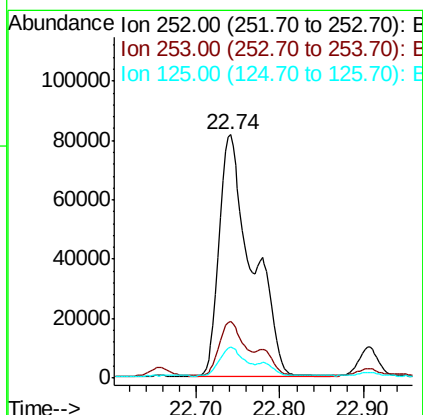
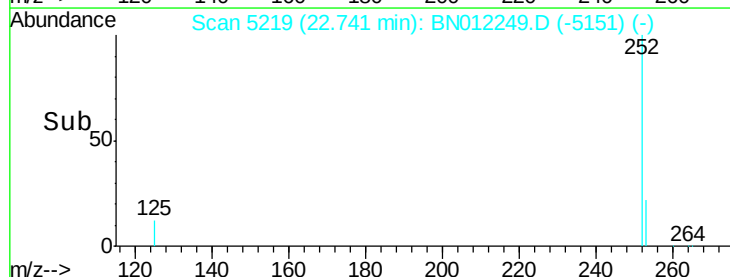
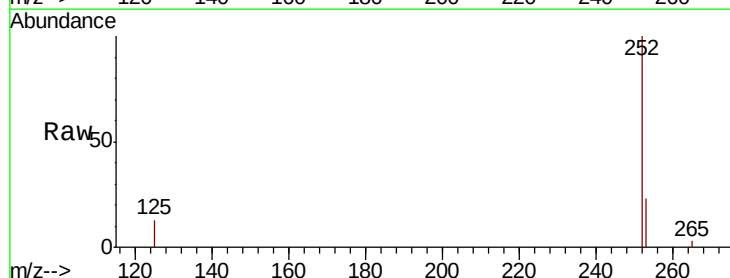
Tgt Ion:252 Resp: 222475

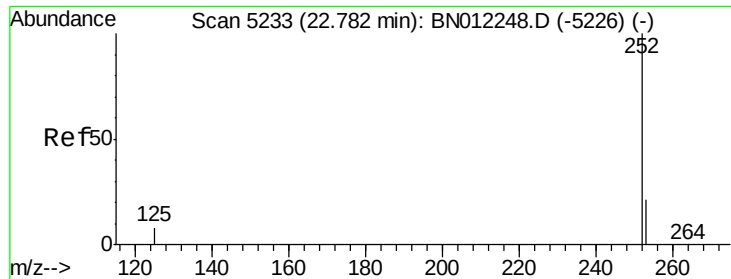
Ion Ratio Lower Upper

252 100

253 23.3 0.0 61.6

125 12.6 0.0 36.8





#22

Benzo(k)fluoranthene

Concen: 0.509 ng/ul

RT: 22.90 min Scan# 5275

Delta R.T. 0.12 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampleId :

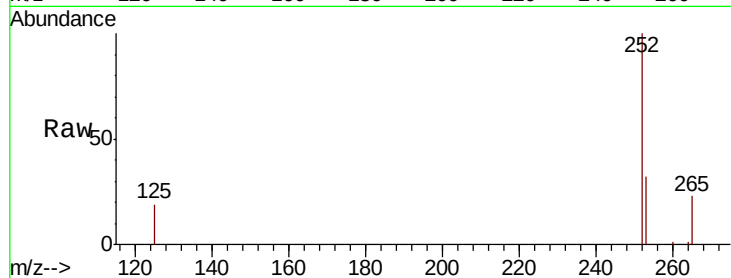
Tot Ion:252 Resp: 16091

Ion Ratio Lower Upper

252 100

253 32.0 24.4 36.6

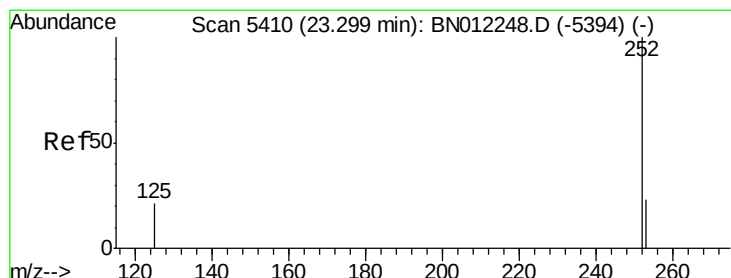
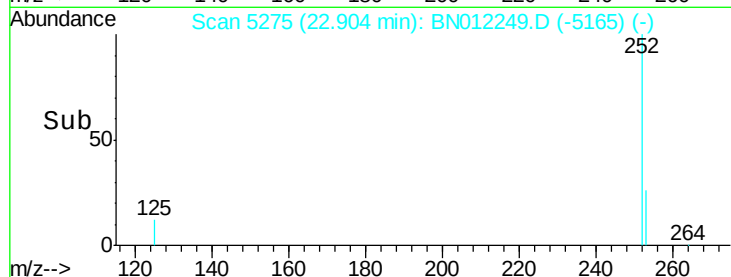
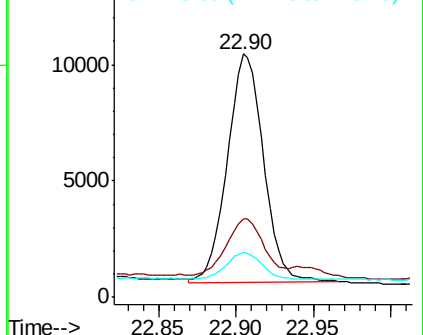
125 18.6 12.9 19.3



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: 3.364 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

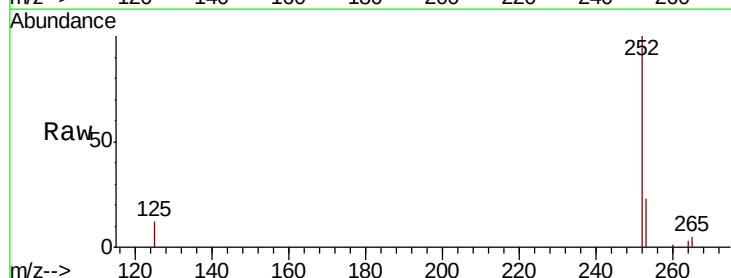
Tgt Ion:252 Resp: 93542

Ion Ratio Lower Upper

252 100

253 23.2 27.0 40.4#

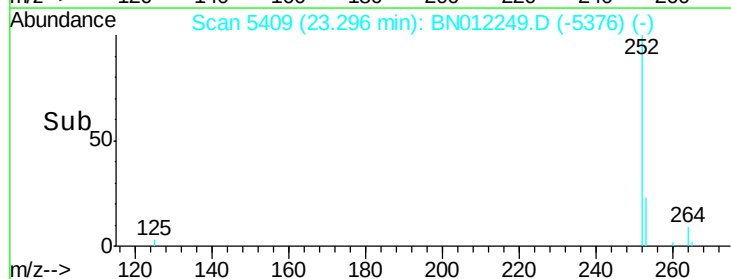
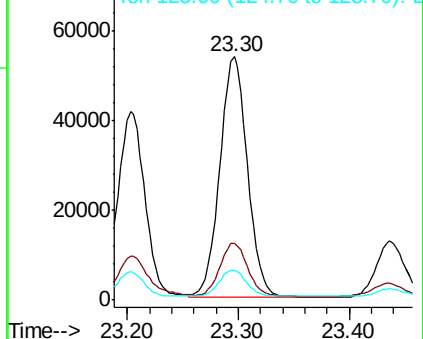
125 12.3 18.8 28.2#

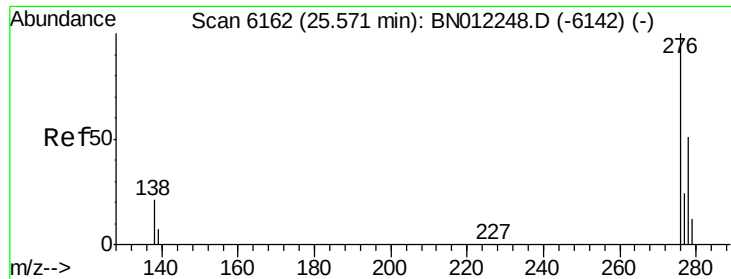


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

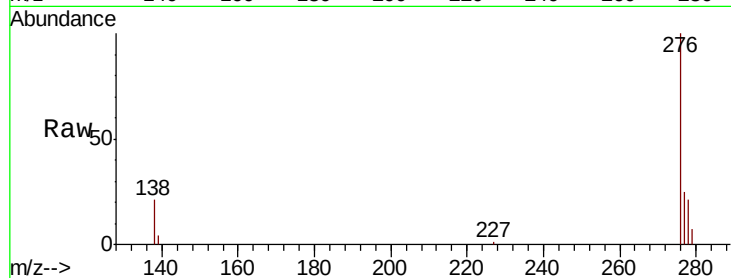




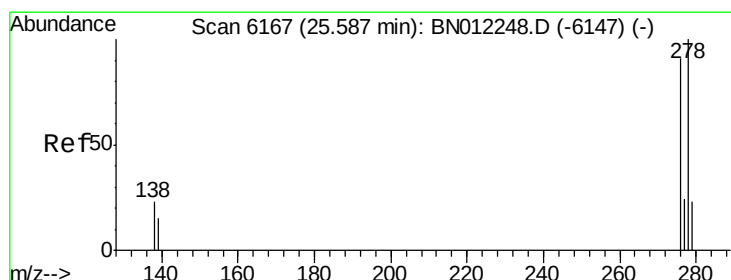
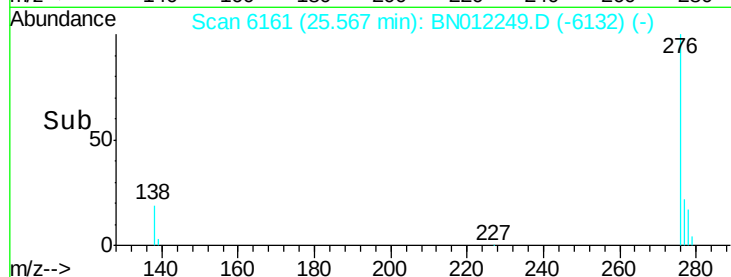
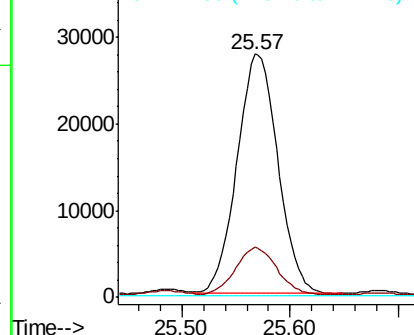
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.031 ng/ul
 RT: 25.57 min Scan# 6161
 Delta R.T. -0.00 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 72560
 Ion Ratio Lower Upper
 276 100
 138 19.8 0.0 0.0#
 227 0.2 0.0 0.0#

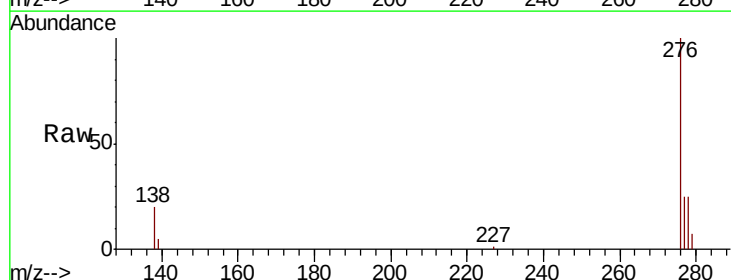


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

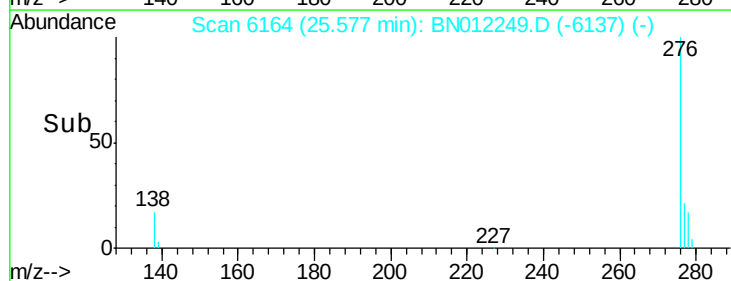
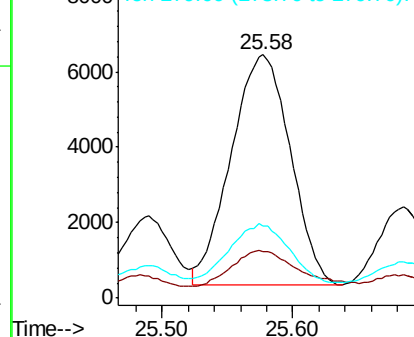


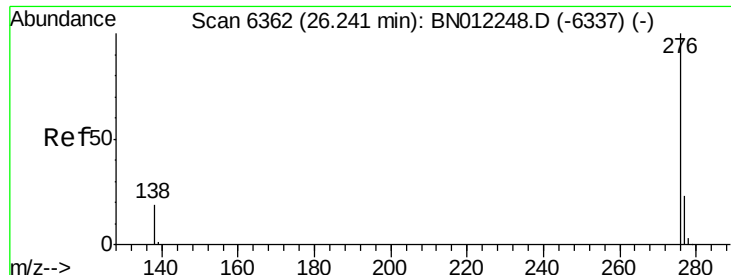
#25
 Dibenzo(a,h)anthracene
 Concen: 0.670 ng/ul
 RT: 25.58 min Scan# 6164
 Delta R.T. -0.01 min
 Lab File: BN012249.D
 Acq: 16 Oct 2020 02:26

Tgt Ion:278 Resp: 19149
 Ion Ratio Lower Upper
 278 100
 139 19.3 15.7 23.5
 279 29.8 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(a,h,i)perylene

Concen: 1.801 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.00 min

Lab File: BN012249.D

Acq: 16 Oct 2020 02:26

Instrument :

BNA_N

ClientSampleId :

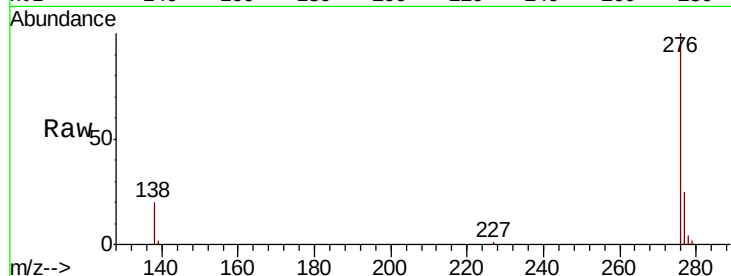
Tot Ion:276 Resp: 58965

Ion Ratio Lower Upper

276 100

138 20.2 17.1 25.7

277 24.7 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

