

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
 Data File : BN012371.D
 Acq On : 20 Oct 2020 03:37
 Operator : CG/JU
 Sample : L4326-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLX60DL

Quant Time: Oct 20 08:25:49 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 : Tue Oct 20 08:18:15 2020
 Response via : Initial Calibration

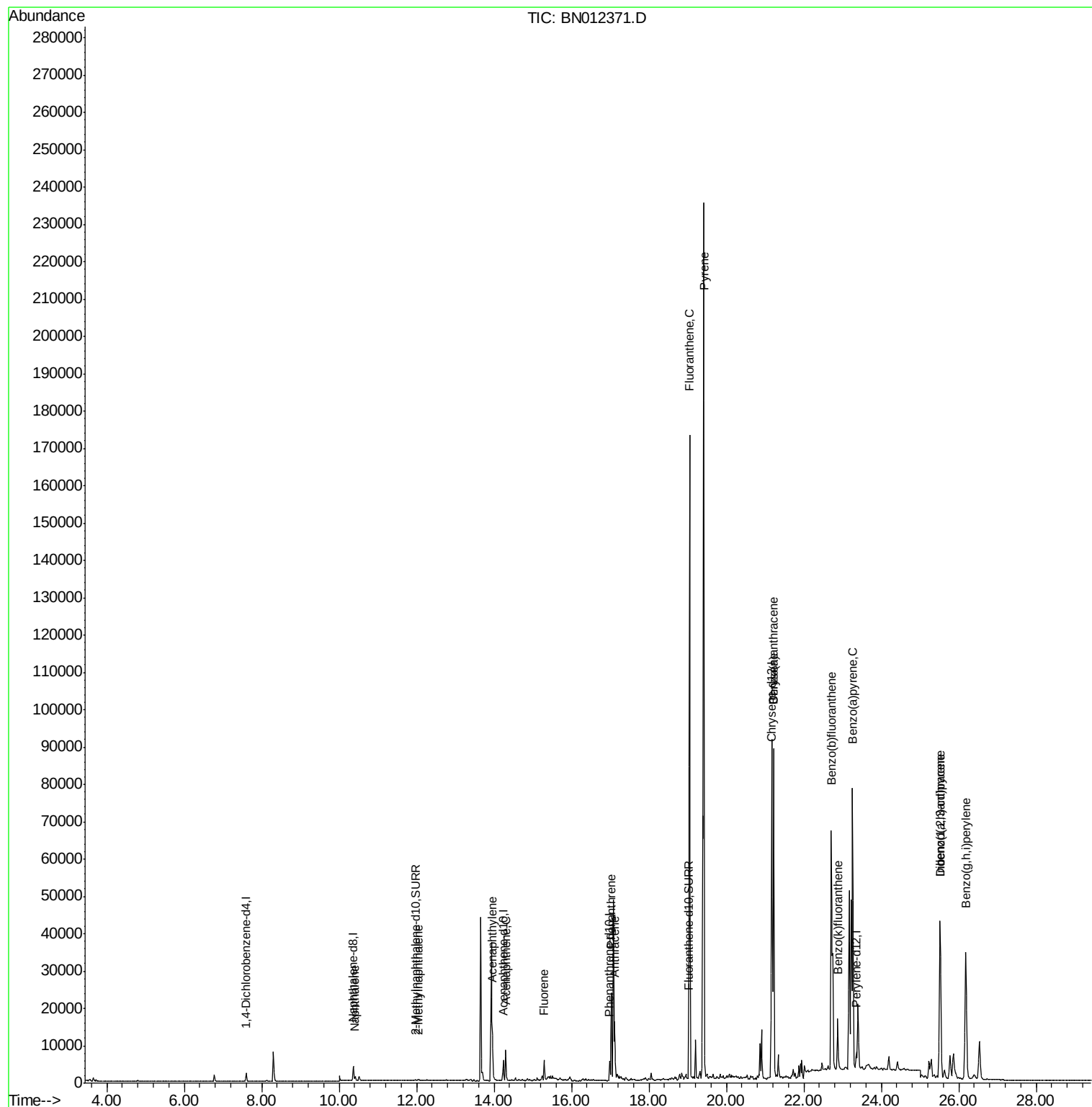
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	2991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6057	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5232	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	335	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	700	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	1572	0.102	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	262	0.027	ng/ul	98
7) Acenaphthylene	13.95	152	15710	1.211	ng/ul	99
8) Acenaphthene	14.30	153	4909	0.448	ng/ul	99
9) Fluorene	15.29	166	3612	0.296	ng/ul#	96
12) Phenanthrene	17.03	178	24167	1.252	ng/ul	99
13) Anthracene	17.11	178	15122	0.913	ng/ul	99
15) Fluoranthene	19.05	202	145180	6.430	ng/ul	98
17) Pyrene	19.41	202	196414	8.326	ng/ul	99
18) Benzo(a)anthracene	21.22	228	82925	4.279	ng/ul	96
19) Chrysene	21.22	228	83513	3.537	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	138255	6.426	ng/ul	87
22) Benzo(k)fluoranthene	22.87	252	17512	0.735	ng/ul	98
23) Benzo(a)pyrene	23.26	252	98460	4.704	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	69522	2.585	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.52	278	11497	0.534	ng/ul	97
26) Benzo(a,h,i)perylene	26.18	276	67064	2.721	ng/ul	97

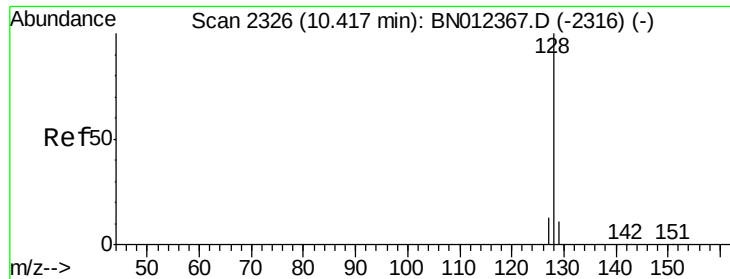
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

BNA_N

ClientSampleId :

JLX60DL

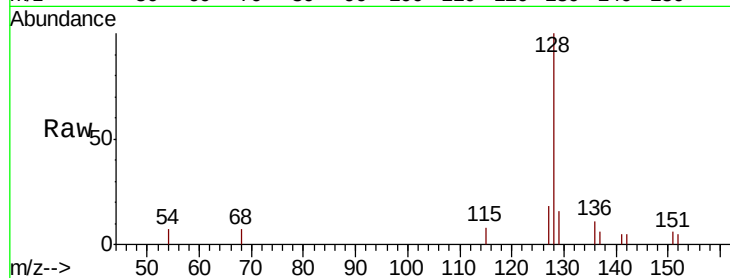
Tot Ion:128 Resp: 1572

Ion Ratio Lower Upper

128 100

129 16.3 9.8 14.6#

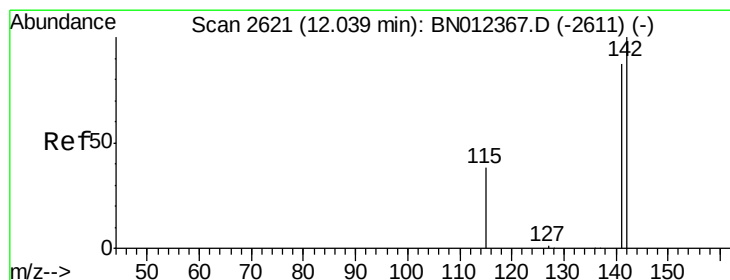
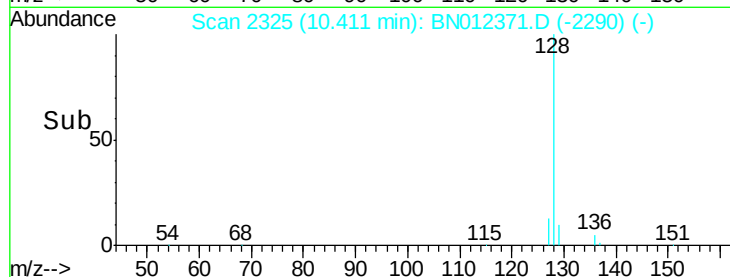
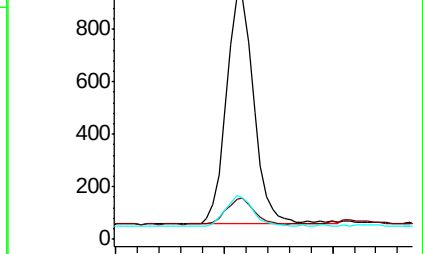
127 17.8 11.4 17.2#



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



#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BN012371.D

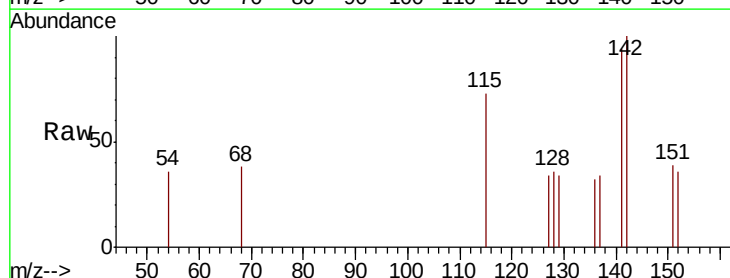
Acq: 20 Oct 2020 03:37

Tgt Ion:142 Resp: 262

Ion Ratio Lower Upper

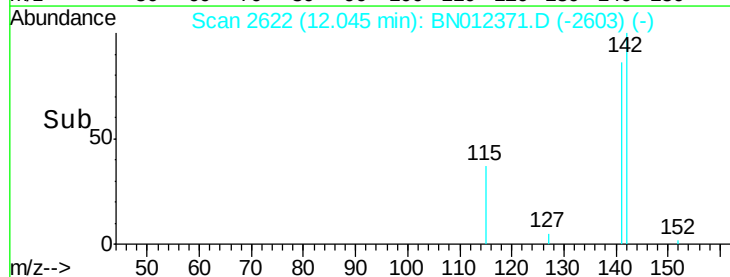
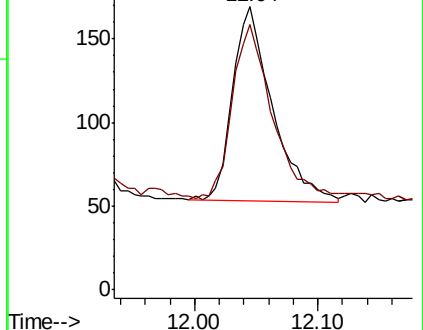
142 100

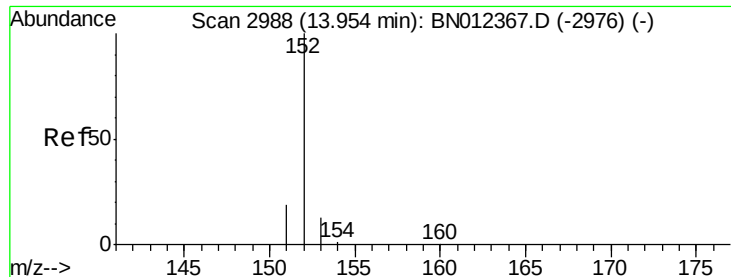
141 90.1 70.8 106.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.211 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

BNA_N

ClientSampleId :

JLX60DL

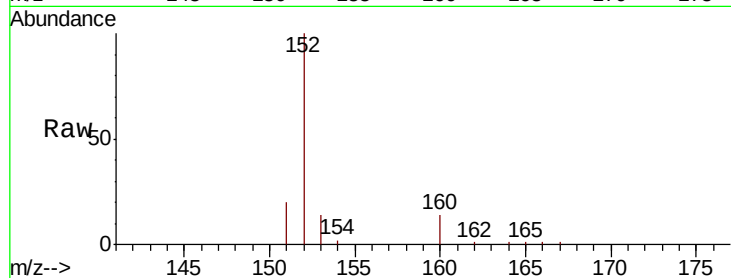
Tot Ion:152 Resp: 15710

Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8

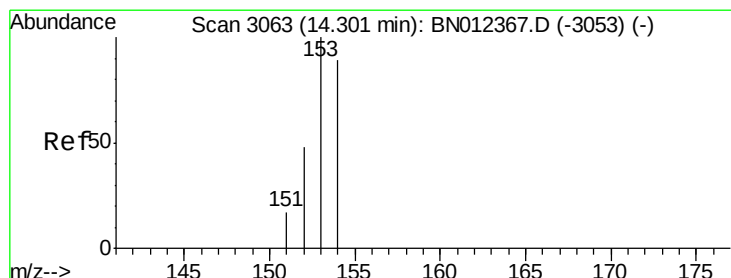
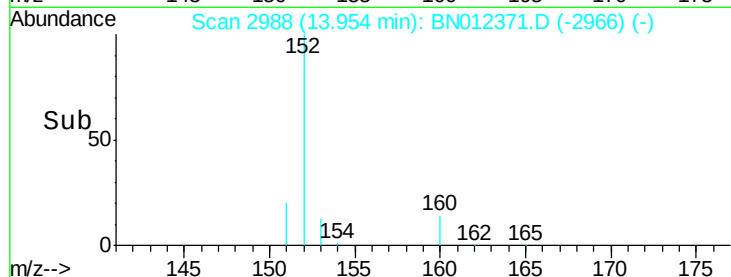
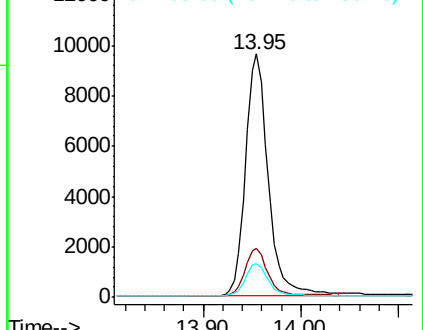
153 14.0 11.4 17.0



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: 0.448 ng/ul

RT: 14.30 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

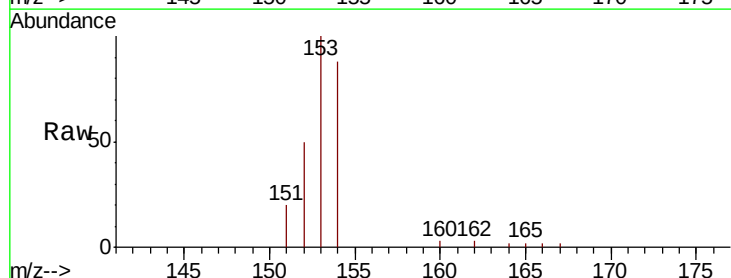
Tgt Ion:153 Resp: 4909

Ion Ratio Lower Upper

153 100

152 50.0 38.5 57.7

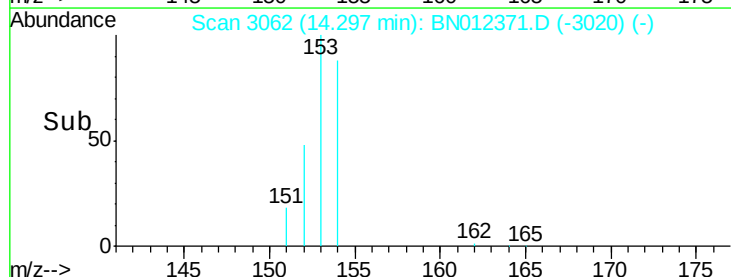
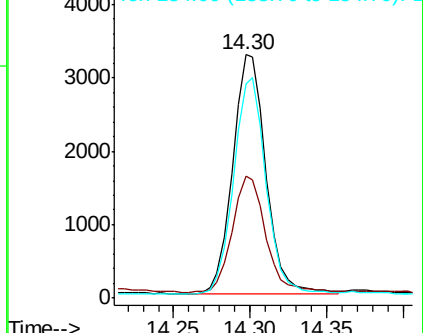
154 87.8 70.7 106.1

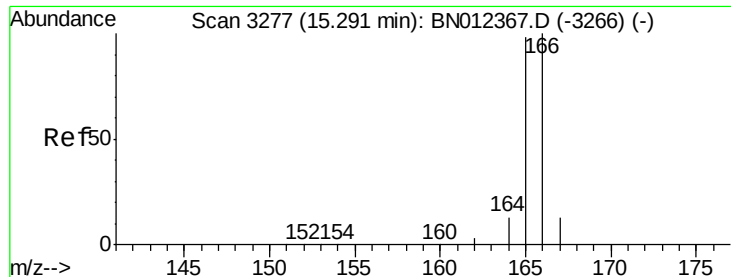


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

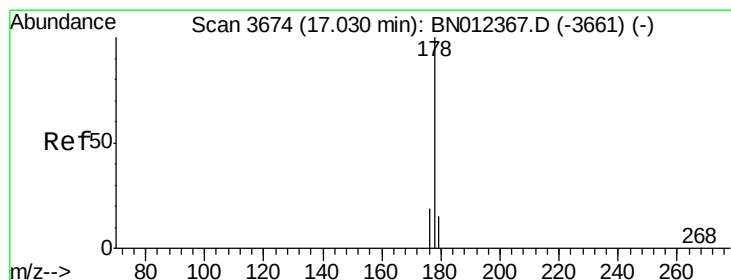
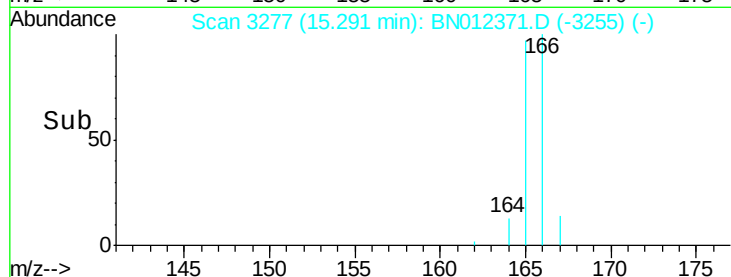
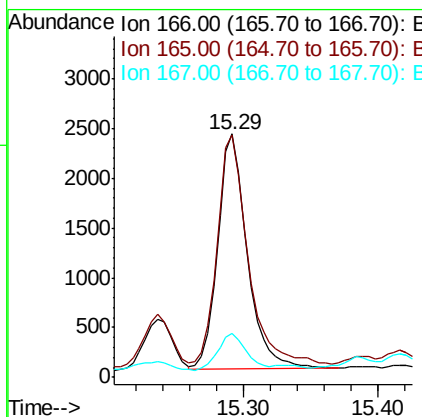
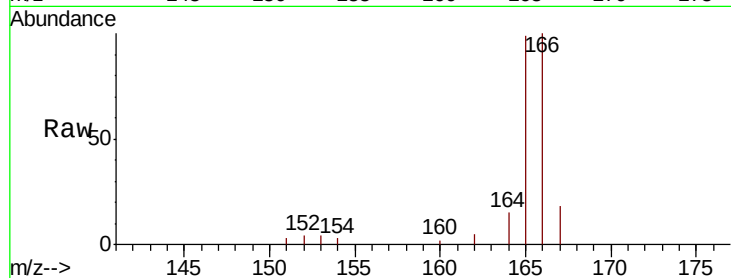




#9
Fluorene
 Concen: 0.296 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: BN012371.D
 Acq: 20 Oct 2020 03:37

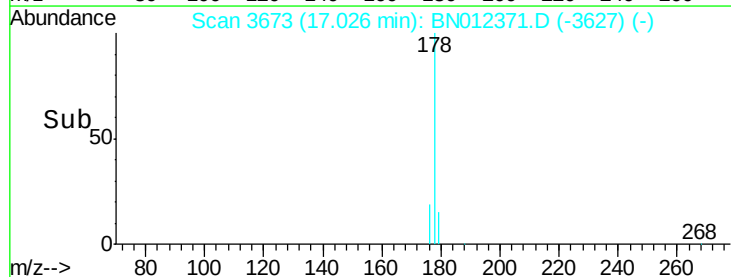
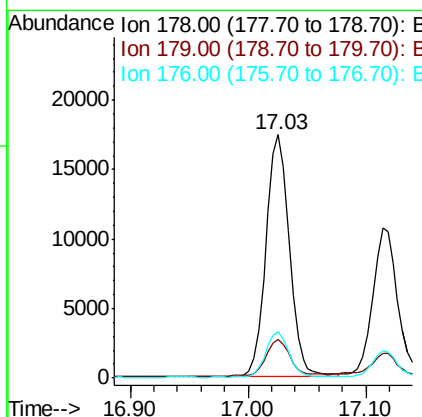
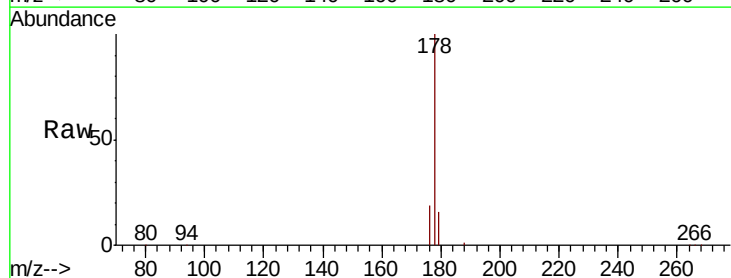
Instrument :
 BNA_N
 ClientSampleId :
 JLX60DL

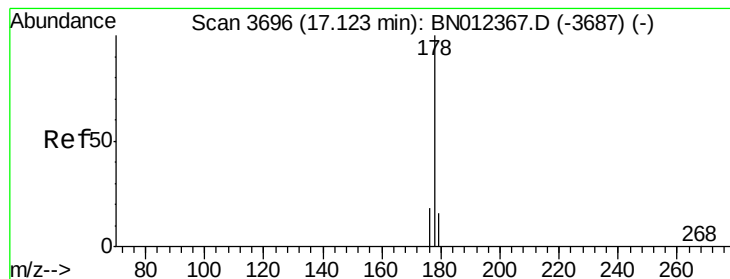
Tot Ion:166 Resp: 3612
 Ion Ratio Lower Upper
 166 100
 165 99.3 76.3 114.5
 167 18.0 12.0 18.0#



#12
Phenanthrene
 Concen: 1.252 ng/ul
 RT: 17.03 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: BN012371.D
 Acq: 20 Oct 2020 03:37

Tgt Ion:178 Resp: 24167
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.1 19.7
 176 19.0 15.8 23.8





#13

Anthracene

Concen: 0.913 ng/ul

RT: 17.11 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

BNA_N

ClientSampleId :

JLX60DL

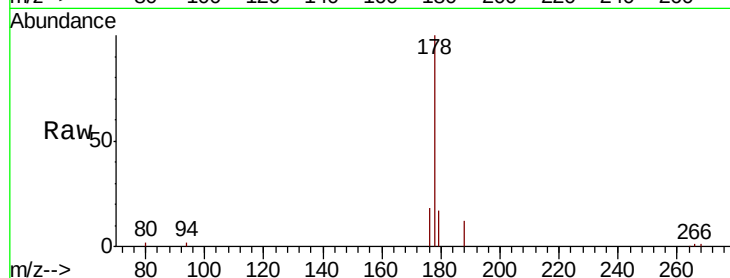
Tot Ion:178 Resp: 15122

Ion Ratio Lower Upper

178 100

179 16.8 13.1 19.7

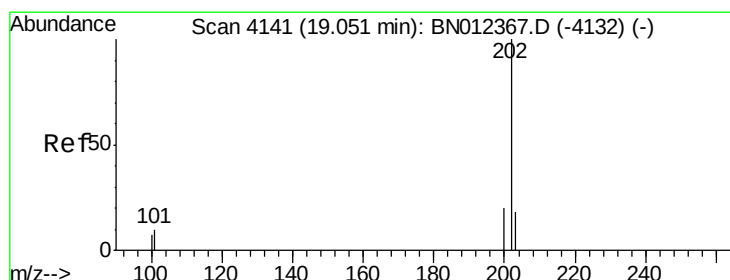
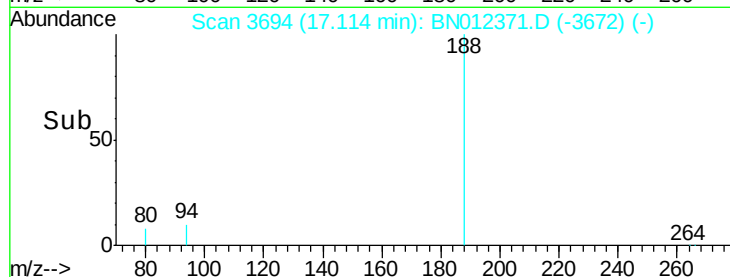
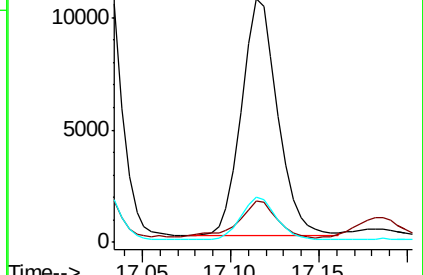
176 18.5 15.4 23.2



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: 6.430 ng/ul

RT: 19.05 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

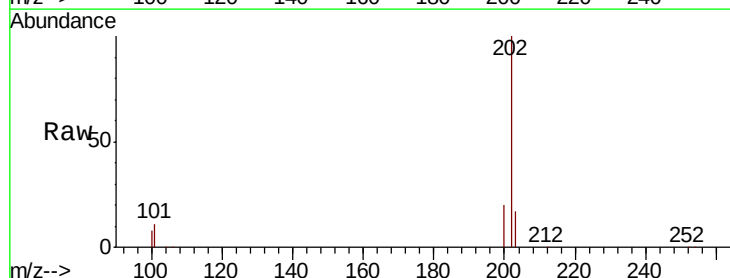
Tgt Ion:202 Resp: 145180

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

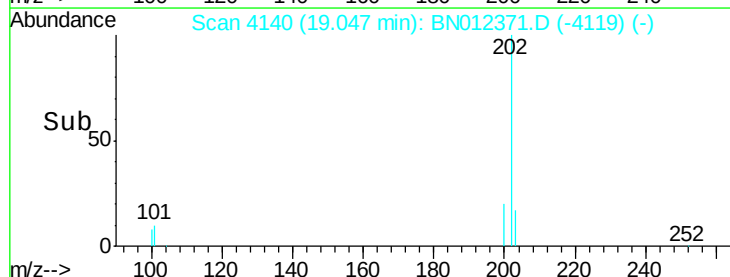
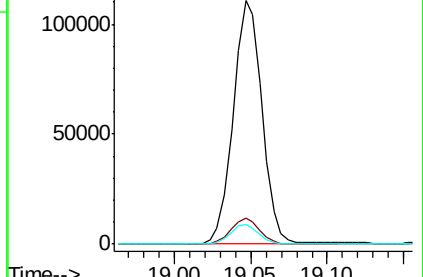
100 8.1 0.0 28.7

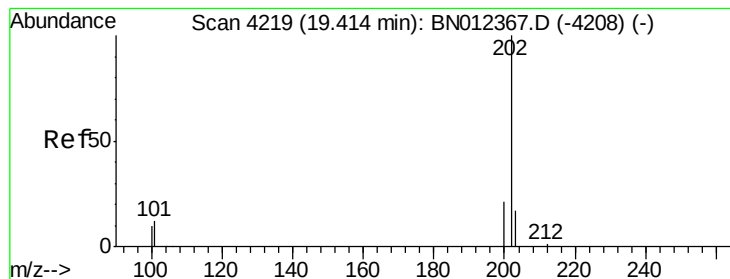


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 8.326 ng/ul

RT: 19.41 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

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JLX60DL

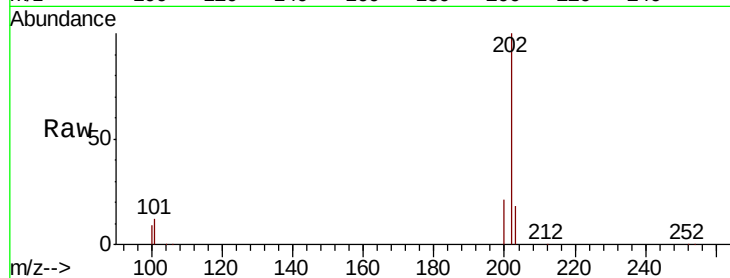
Tot Ion:202 Resp: 196414

Ion Ratio Lower Upper

202 100

101 11.7 9.6 14.4

100 9.4 7.8 11.8



Abundance Ion 202.00 (201.70 to 202.70): E

200000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

150000

100000

50000

0

19.41

19.40

19.39

19.38

19.37

19.36

19.35

19.34

19.33

19.32

19.31

19.30

19.29

19.28

19.27

19.26

19.25

19.24

19.23

19.22

19.21

19.20

19.19

19.18

19.17

19.16

19.15

19.14

19.13

19.12

19.11

19.10

19.09

19.08

19.07

19.06

19.05

19.04

19.03

19.02

19.01

19.00

18.99

18.98

18.97

18.96

18.95

18.94

18.93

18.92

18.91

18.90

18.89

18.88

18.87

18.86

18.85

18.84

18.83

18.82

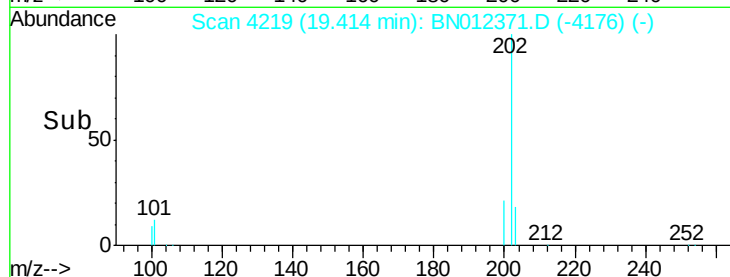
18.81

18.80

18.79

18.78

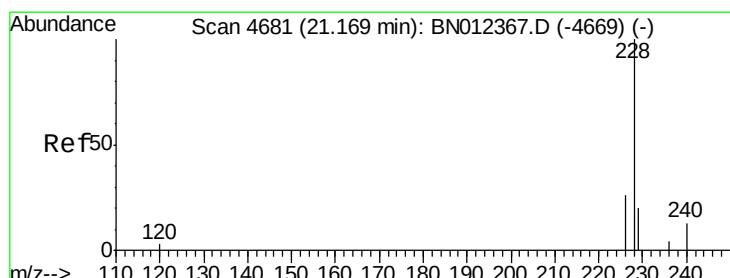
18.77



Time--> 19.30

19.40

19.50



#18

Benzo(a)anthracene

Concen: 4.279 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. 0.05 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

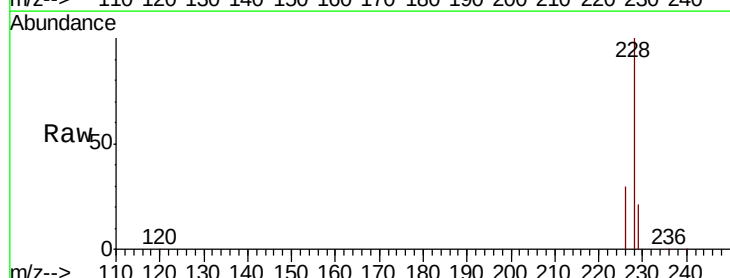
Tgt Ion:228 Resp: 82925

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.4

226 30.1 21.2 31.8



Abundance Ion 228.00 (227.70 to 228.70): E

80000 Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

60000

40000

20000

0

21.22

21.20

21.19

21.18

21.17

21.16

21.15

21.14

21.13

21.12

21.11

21.10

21.09

21.08

21.07

21.06

21.05

21.04

21.03

21.02

21.01

21.00

20.99

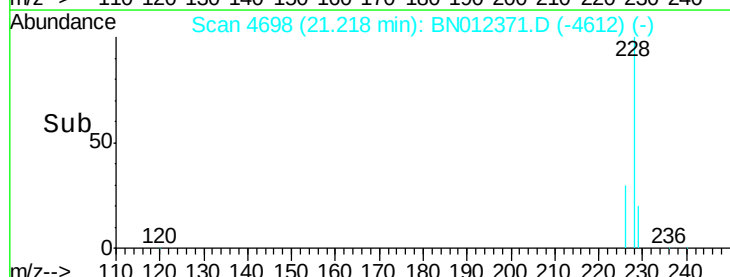
20.98

20.97

20.96

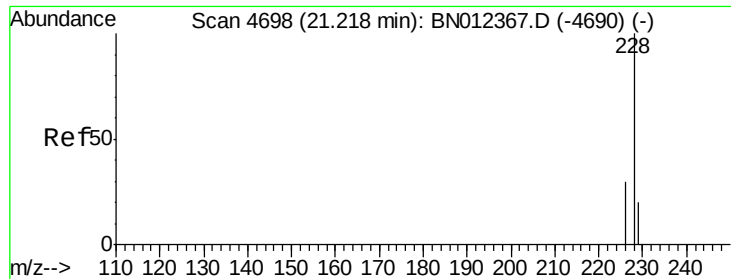
20.95

20.94



Time--> 21.20

21.30



#19

Chrysene

Concen: 3.537 ng/ul

RT: 21.22 min Scan# 4698

Delta R.T. 0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

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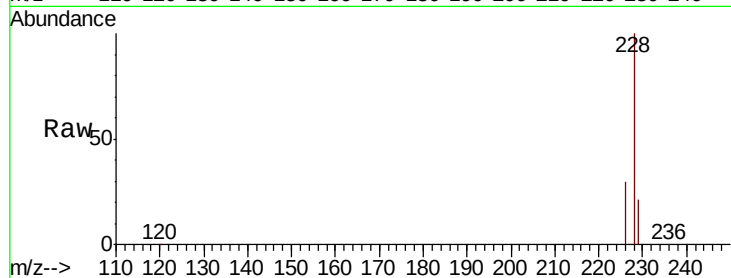
Tot Ion:228 Resp: 83513

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

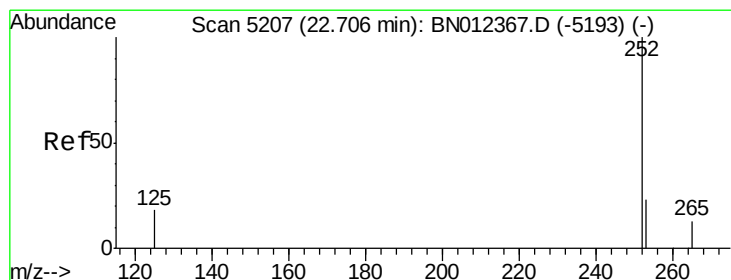
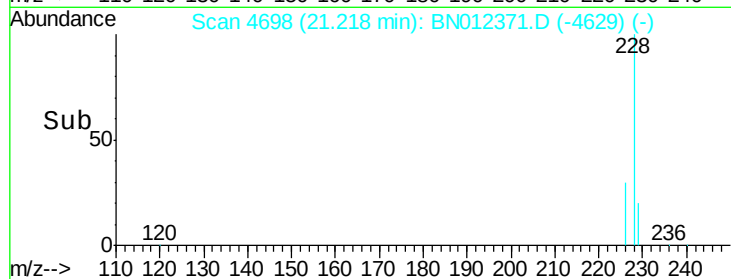
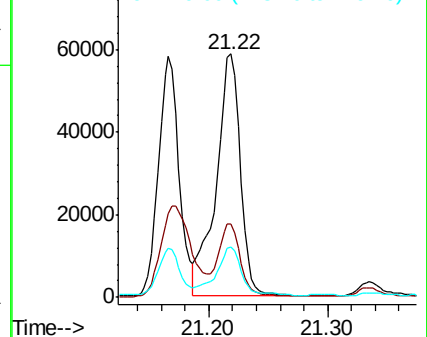
229 20.8 15.8 23.8



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: 6.426 ng/ul

RT: 22.71 min Scan# 5208

Delta R.T. 0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

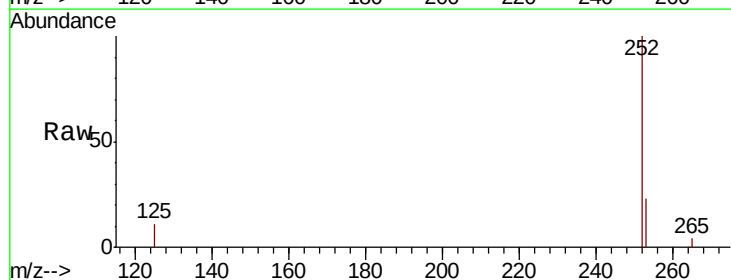
Tgt Ion:252 Resp: 138255

Ion Ratio Lower Upper

252 100

253 23.0 0.0 56.4

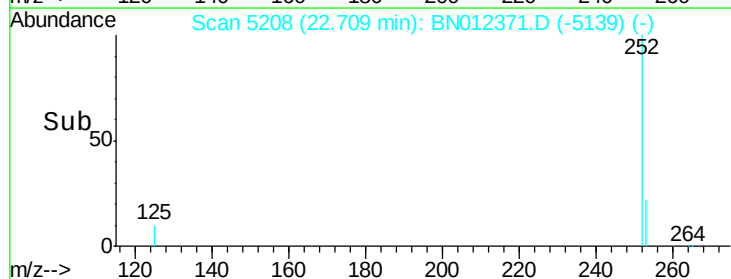
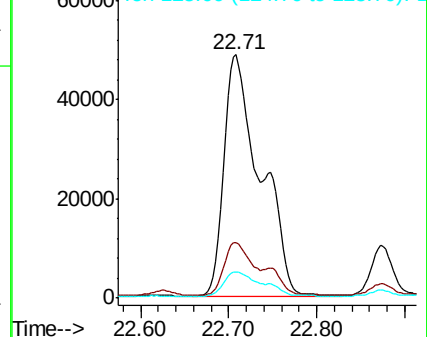
125 10.8 0.0 37.8

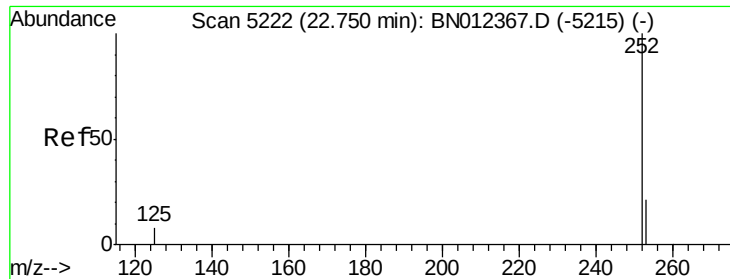


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.735 ng/ul

RT: 22.87 min Scan# 5264

Delta R.T. 0.12 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

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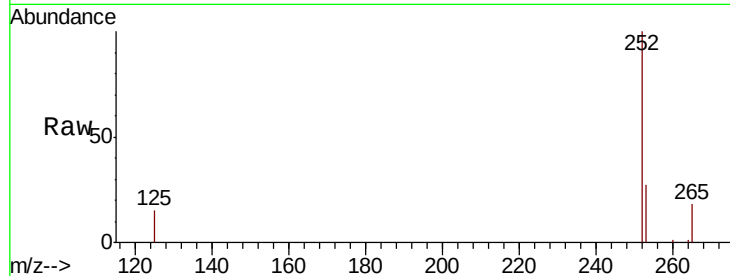
Tot Ion:252 Resp: 17512

Ion Ratio Lower Upper

252 100

253 27.2 22.2 33.4

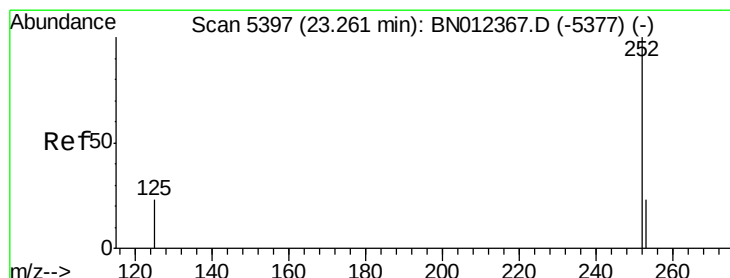
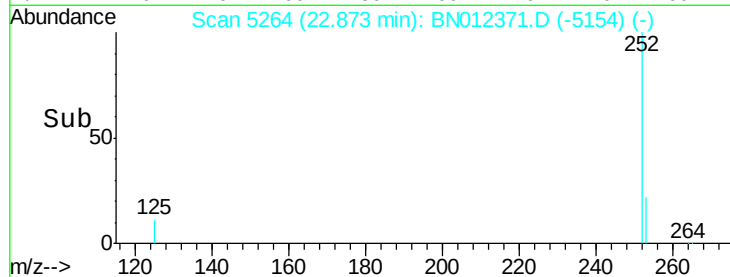
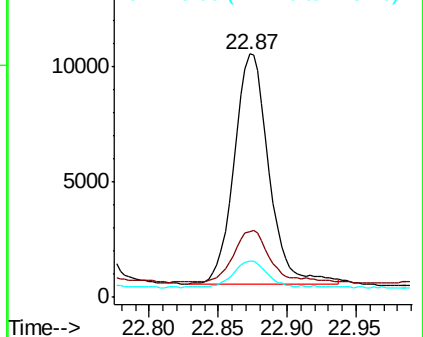
125 15.1 11.0 16.4



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



#23

Benzo(a)pyrene

Concen: 4.704 ng/ul

RT: 23.26 min Scan# 5396

Delta R.T. -0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

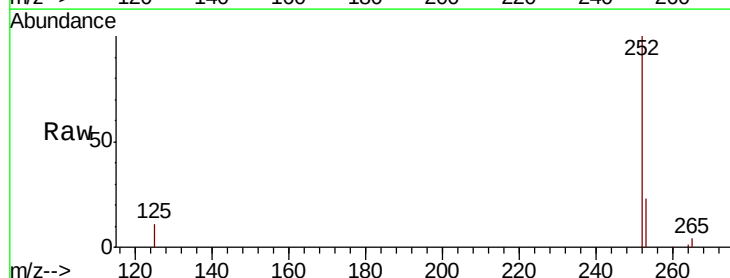
Tgt Ion:252 Resp: 98460

Ion Ratio Lower Upper

252 100

253 22.5 23.8 35.6#

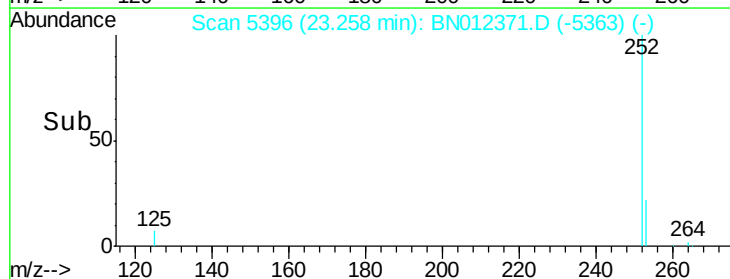
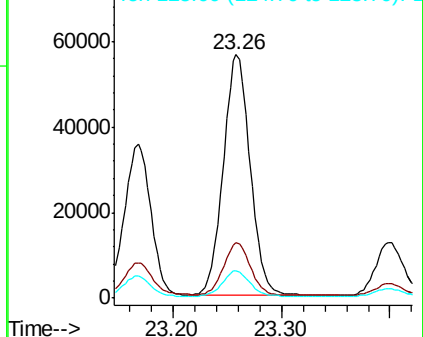
125 11.2 19.3 28.9#

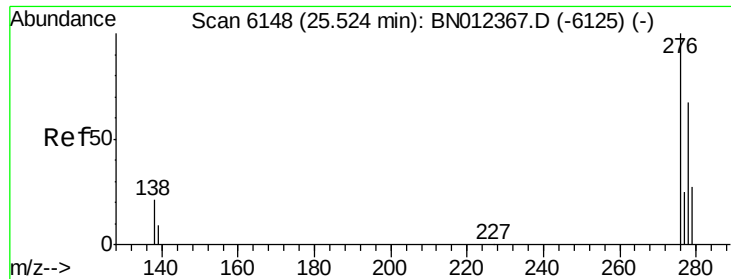


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



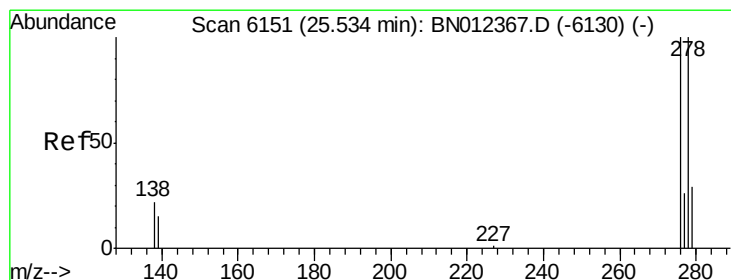
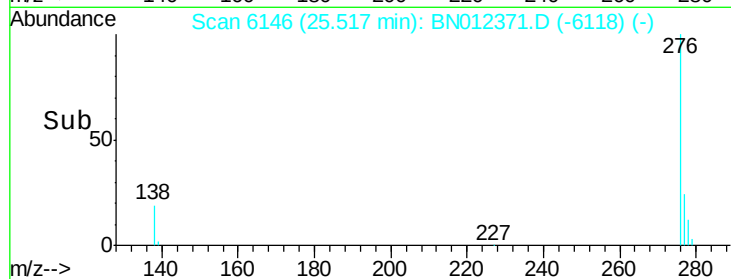
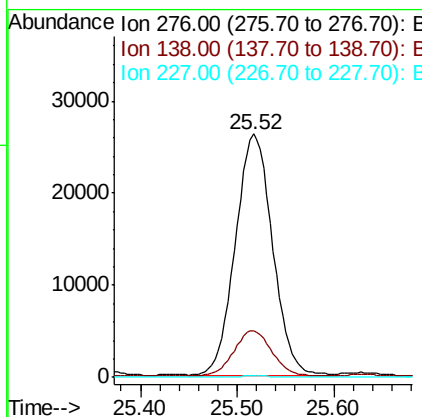
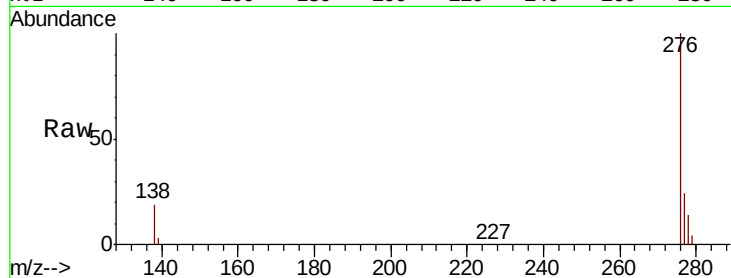


#24

Indeno(1,2,3-cd)pyrene
Concen: 2.585 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Instrument :
BNA_N
ClientSampleId :
JLX60DL

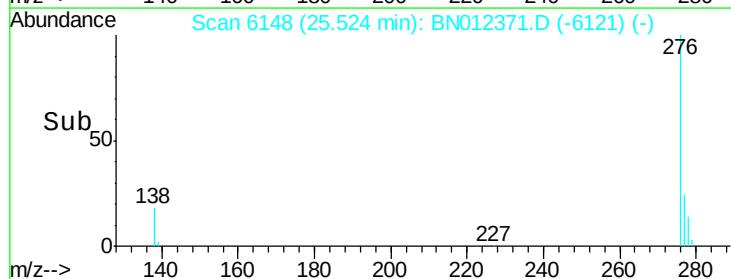
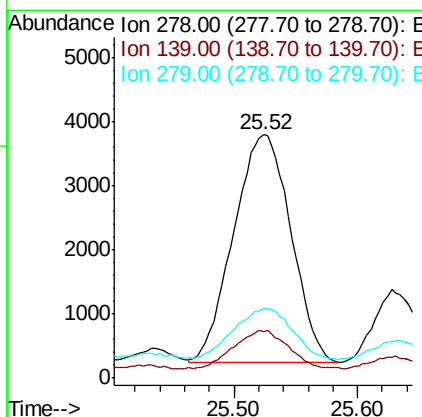
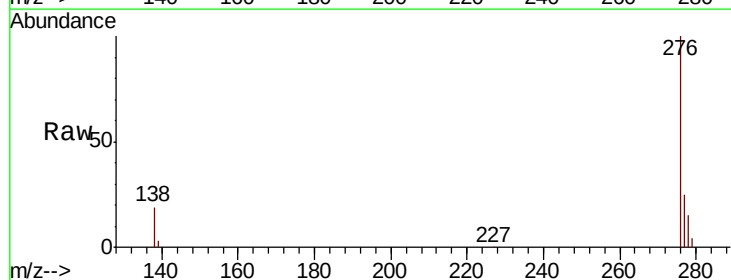
Tot Ion:276 Resp: 69522
Ion Ratio Lower Upper
276 100
138 18.9 17.0 25.6
227 0.2 0.1 0.1#

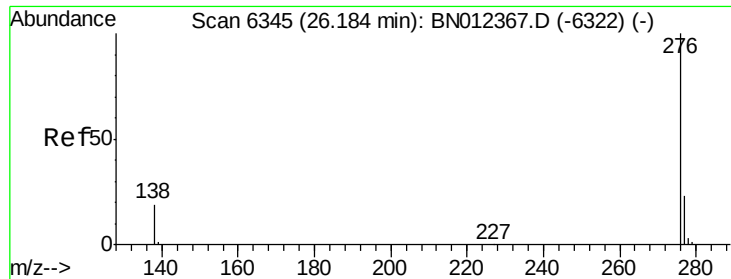


#25

Dibenzo(a,h)anthracene
Concen: 0.534 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:278 Resp: 11497
Ion Ratio Lower Upper
278 100
139 19.2 13.8 20.8
279 28.7 23.8 35.8





#26

Benzo(a,h,i)perylene

Concen: 2.721 ng/ul

RT: 26.18 min Scan# 6344

Delta R.T. -0.00 min

Lab File: BN012371.D

Acq: 20 Oct 2020 03:37

Instrument :

BNA_N

ClientSampleId :

JLX60DL

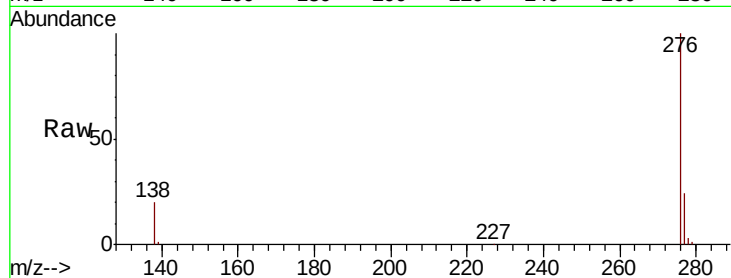
Tot Ion: 276 Resp: 67064

Ion Ratio Lower Upper

276 100

138 19.8 16.6 24.8

277 23.8 20.7 31.1



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

