

Data File : BN003392.D
Acq On : 01 Nov 2018 23:06
Operator : MJ/SJ
Sample : J5704-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H6

Quant Time: Nov 02 04:53:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

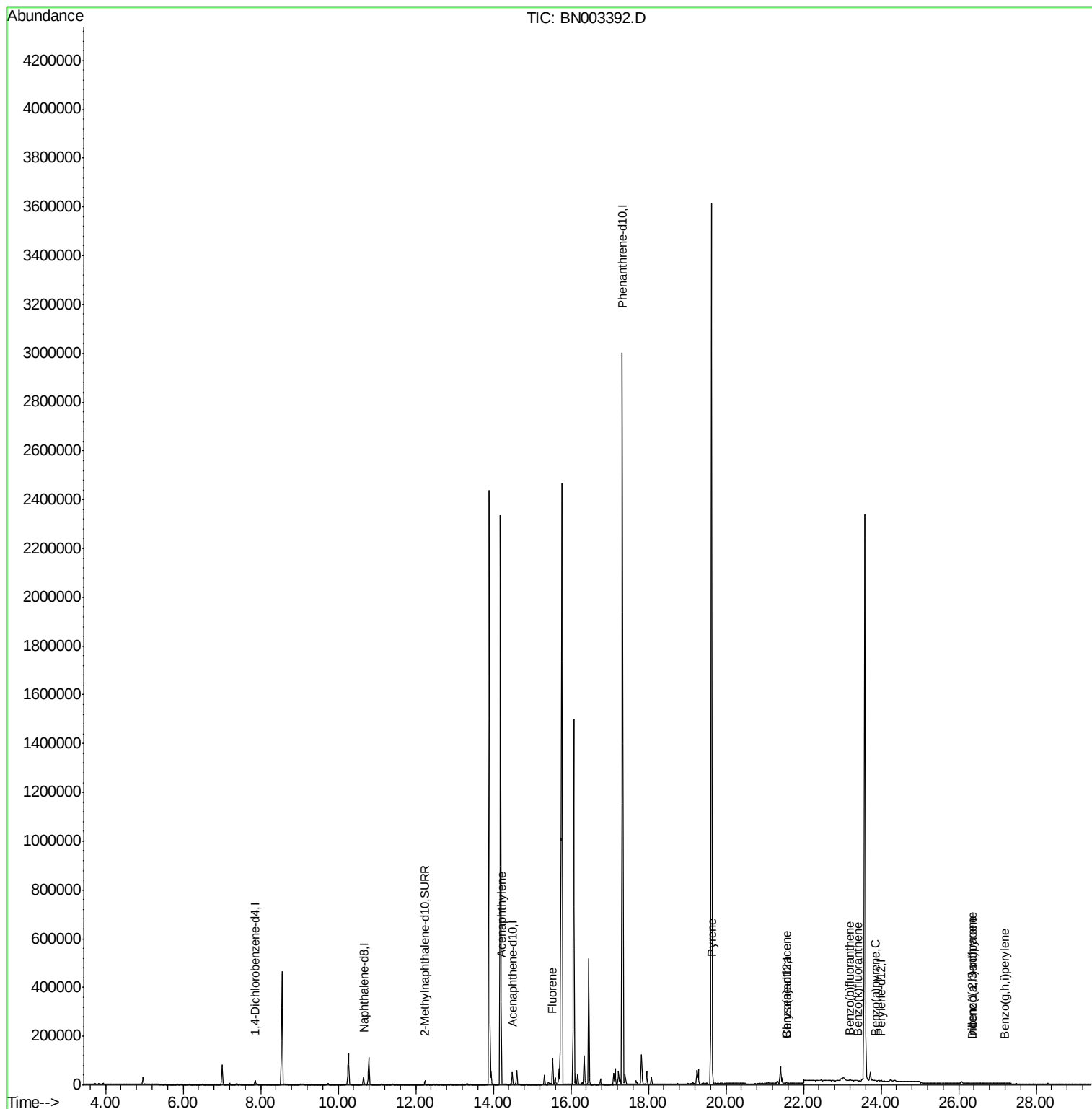
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9447	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	41351	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	27307	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	3510338	0.40	ng/ul	0.10
16) Chrysene-d12	21.59	240	3210	0.40	ng/ul	0.17
20) Perylene-d12	24.00	264	190	0.40	ng/ul	0.26
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	22403	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	2688	0.023	ng/ul#	81
9) Fluorene	15.54	166	41517	0.333	ng/ul#	67
17) Pyrene	19.65	202	47403	4.060	ng/ul	97
18) Benzo(a)anthracene	21.57	228	1649	0.164	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	3881	4.740	ng/ul#	1
22) Benzo(k)fluoranthene	23.41	252	193	0.243	ng/ul#	1
23) Benzo(a)pyrene	23.87	252	211	0.309	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	642	0.877	ng/ul#	51
25) Dibenzo(a,h)anthracene	26.36	278	2240	3.755	ng/ul#	1
26) Benzo(g,h,i)perylene	27.19	276	1476	2.352	ng/ul#	1

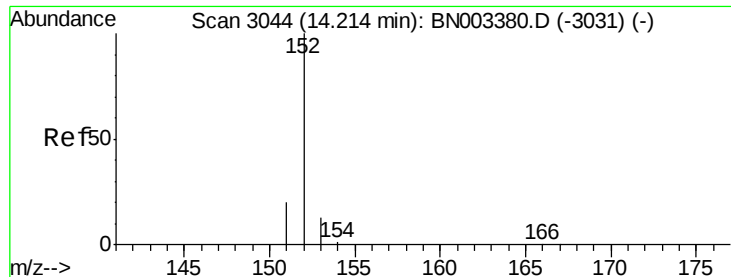
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

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Acq: 01 Nov 2018 23:06

Instrument :

BNA_N

ClientSampleId :

A40H6

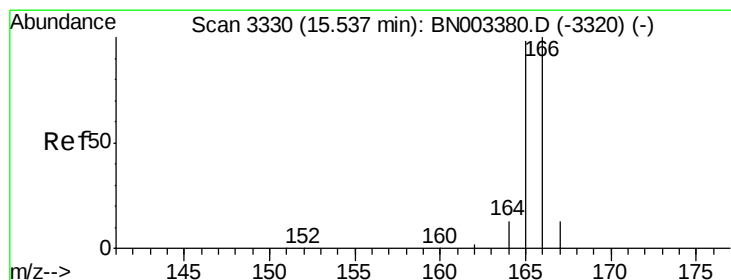
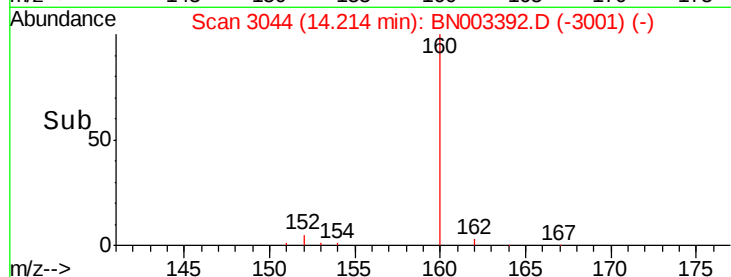
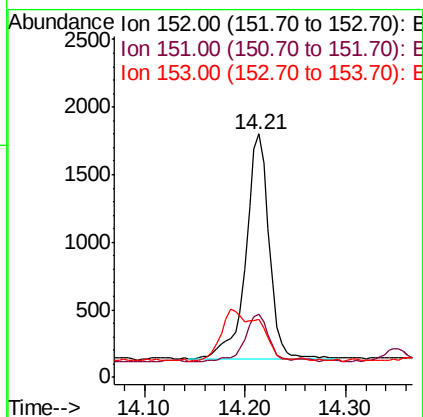
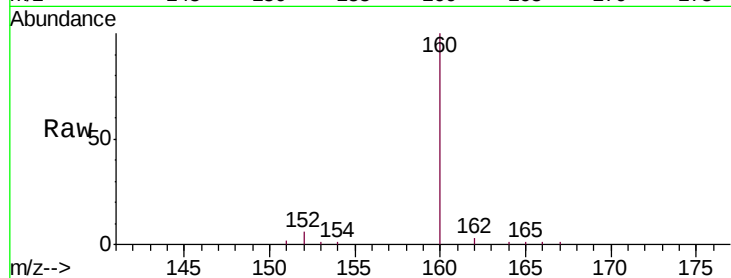
Tgt Ion:152 Resp: 2688

Ion Ratio Lower Upper

152 100

151 26.0 15.6 23.4#

153 23.8 10.4 15.6#



#9

Fluorene

Concen: 0.333 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

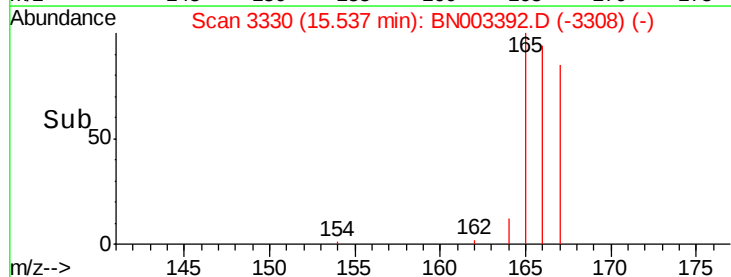
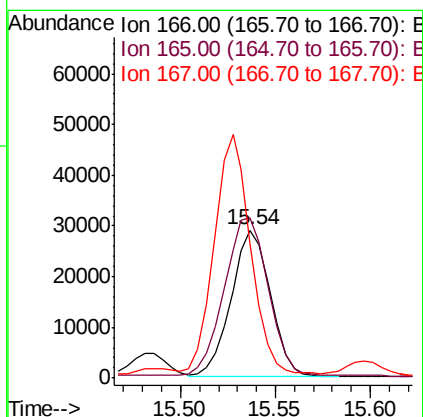
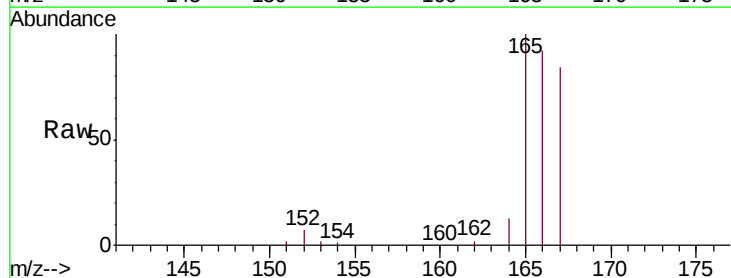
Tgt Ion:166 Resp: 41517

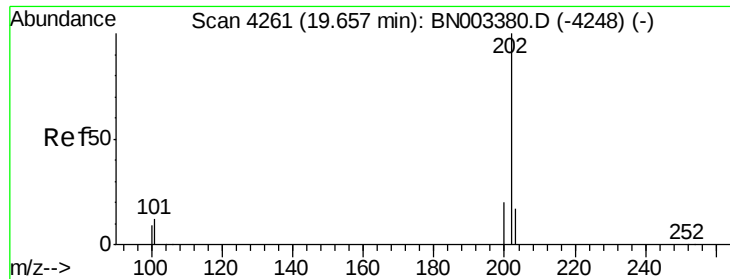
Ion Ratio Lower Upper

166 100

165 108.9 78.3 117.5

167 91.5 10.8 16.2#

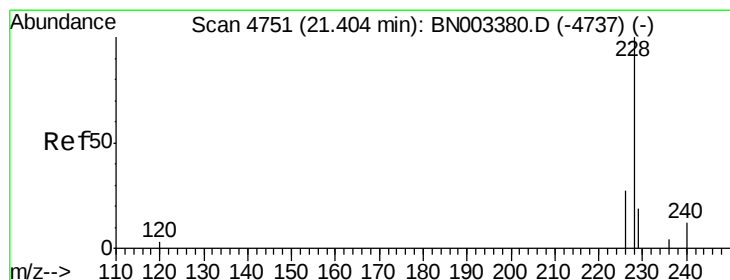
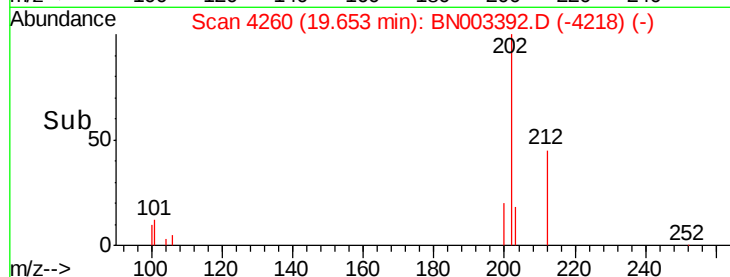
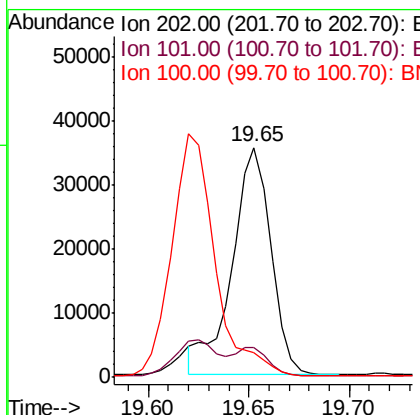
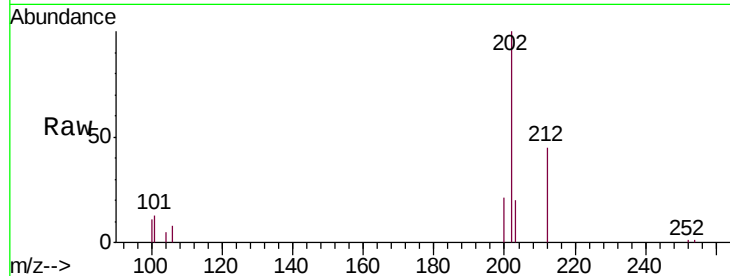




#17
 Pyrene
 Concen: 4.060 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. -0.00 min
 Lab File: BN003392.D
 Acq: 01 Nov 2018 23:06

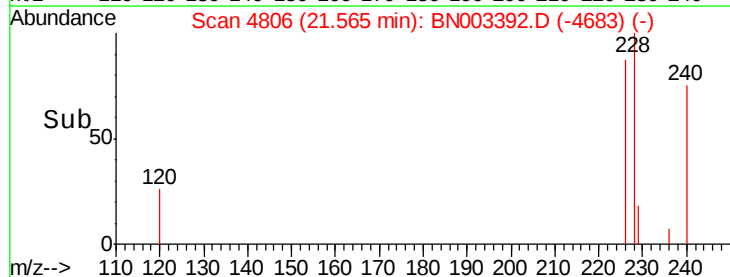
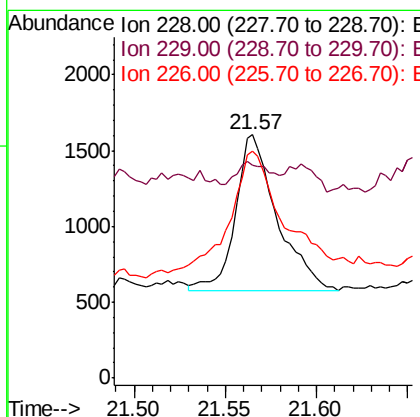
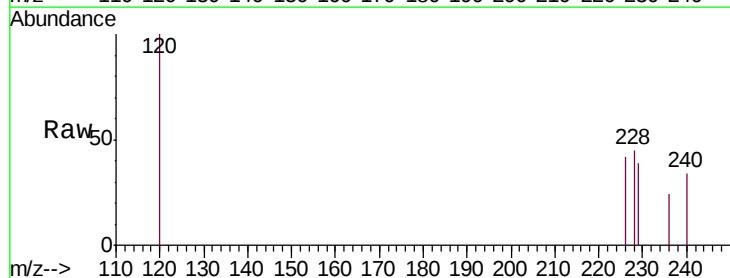
Instrument :
 BNA_N
 ClientSampleId :
 A40H6

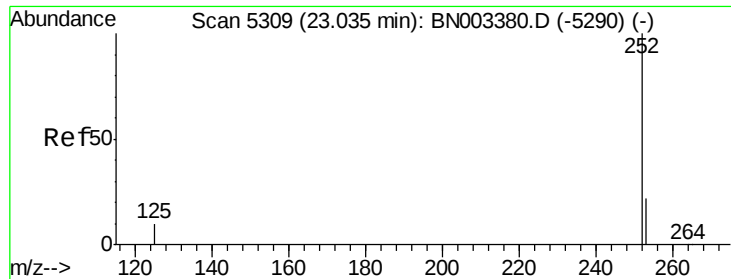
Tgt Ion:202 Resp: 47403
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.5 14.3
 100 10.7 7.5 11.3



#18
 Benzo(a)anthracene
 Concen: 0.164 ng/ul
 RT: 21.57 min Scan# 4806
 Delta R.T. 0.16 min
 Lab File: BN003392.D
 Acq: 01 Nov 2018 23:06

Tgt Ion:228 Resp: 1649
 Ion Ratio Lower Upper
 228 100
 229 87.2 15.5 23.3#
 226 93.4 21.5 32.3#





#21

Benzo(b)fluoranthene

Concen: 4.740 ng/u1

RT: 23.20 min Scan# 5366

Delta R.T. 0.17 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

Instrument :

BNA_N

ClientSampleId :

A40H6

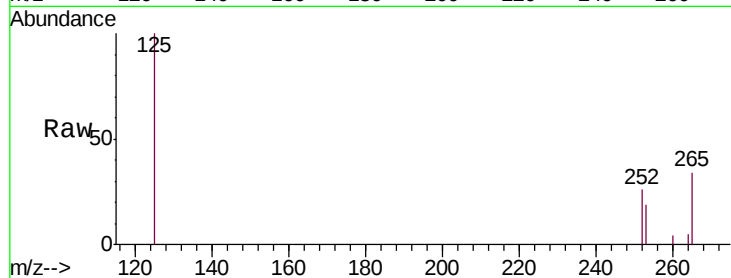
Tgt Ion:252 Resp: 3881

Ion Ratio Lower Upper

252 100

253 71.2 0.0 45.6#

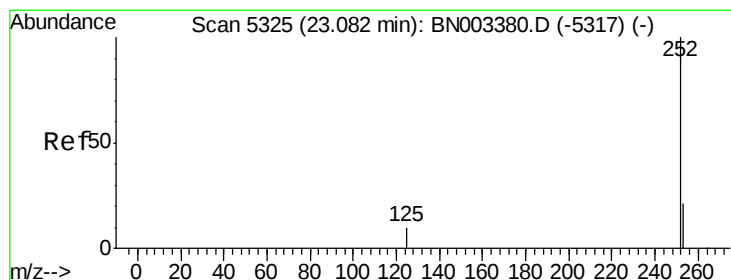
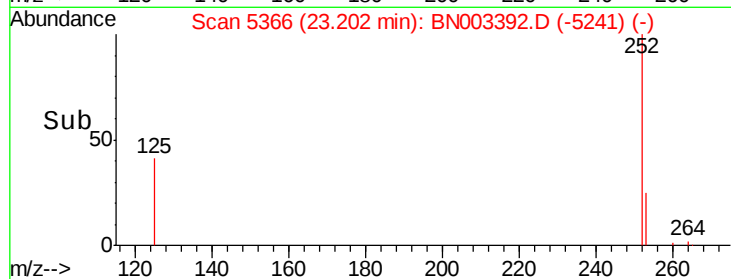
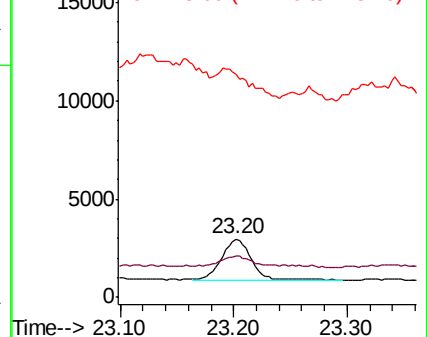
125 383.5 0.0 21.8#



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: 0.243 ng/u1

RT: 23.41 min Scan# 5436

Delta R.T. 0.32 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

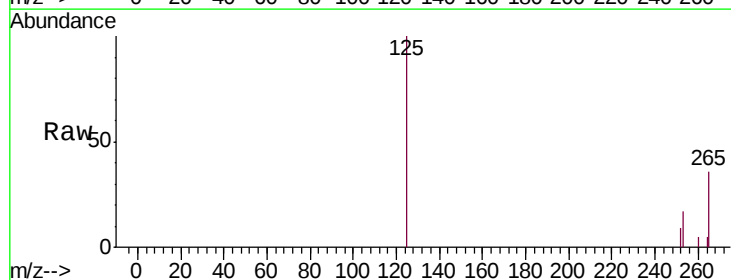
Tgt Ion:252 Resp: 193

Ion Ratio Lower Upper

252 100

253 184.5 18.2 27.4#

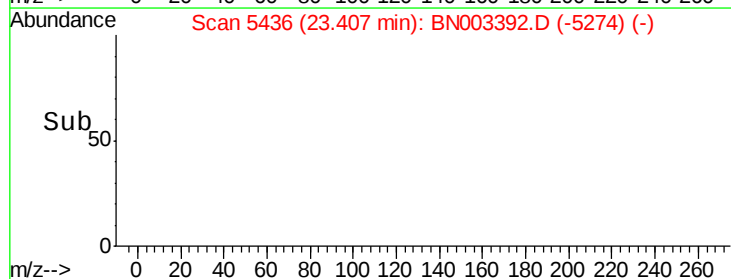
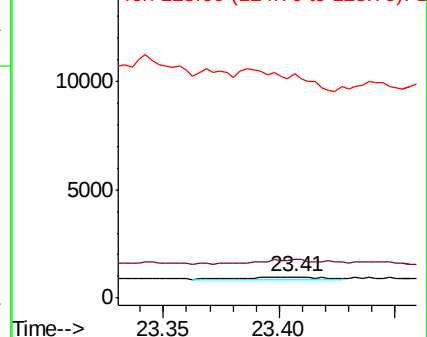
125 1076.6 8.6 13.0#

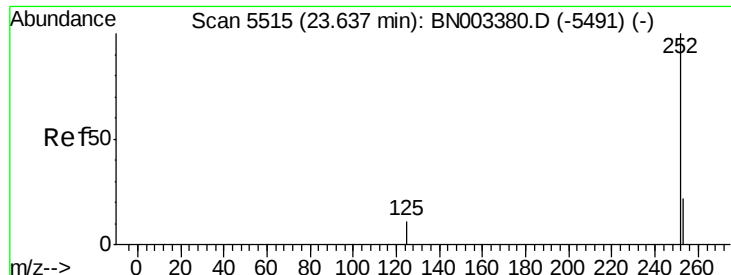


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.309 ng/u1

RT: 23.87 min Scan# 5595

Delta R.T. 0.23 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

Instrument :

BNA_N

ClientSampleId :

A40H6

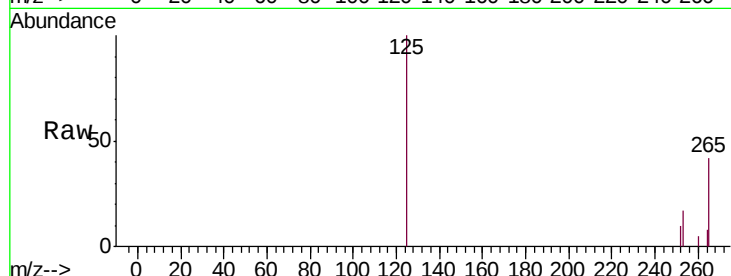
Tgt Ion:252 Resp: 211

Ion Ratio Lower Upper

252 100

253 168.1 18.5 27.7#

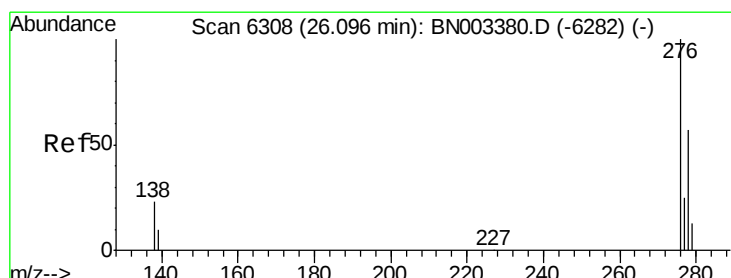
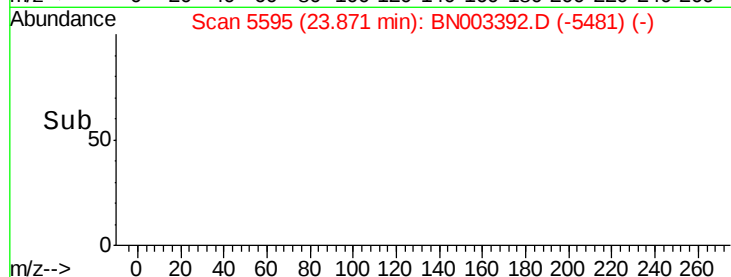
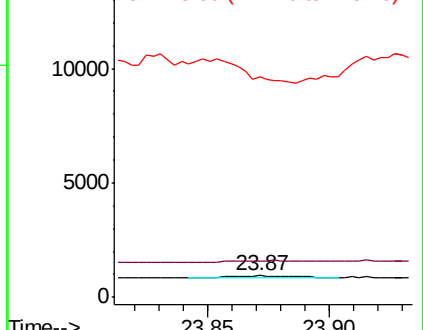
125 1012.9 9.9 14.9#



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: 0.877 ng/u1

RT: 26.36 min Scan# 6386

Delta R.T. 0.26 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

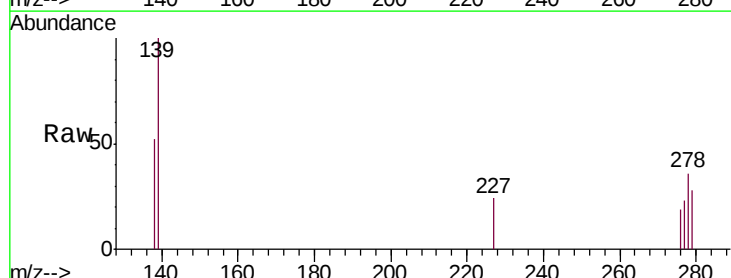
Tgt Ion:276 Resp: 642

Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.8#

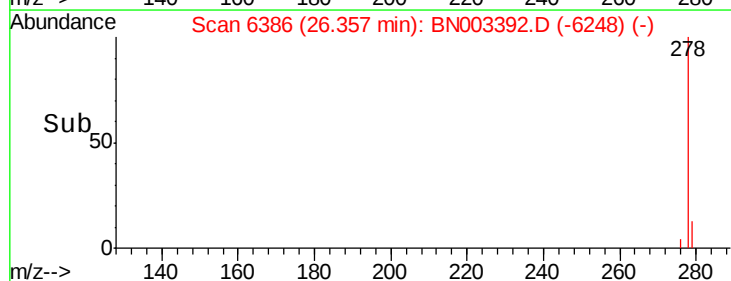
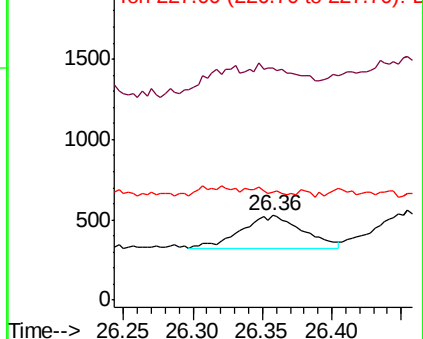
227 0.0 0.2 0.2#

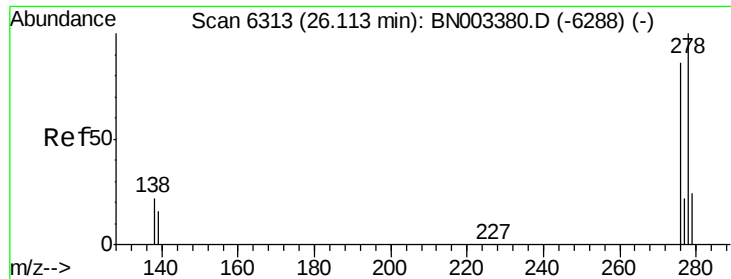


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 3.755 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.24 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

Instrument :

BNA_N

ClientSampleId :

A40H6

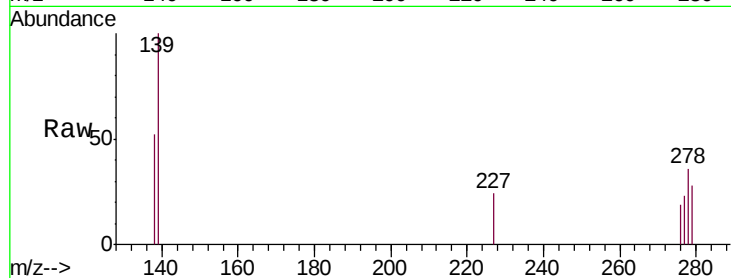
Tgt Ion: 278 Resp: 2240

Ion Ratio Lower Upper

278 100

139 277.1 13.1 19.7#

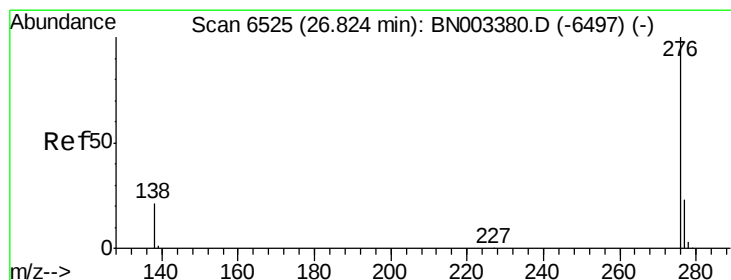
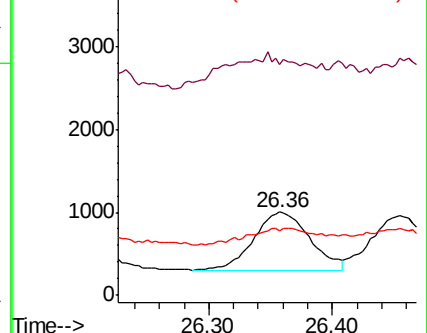
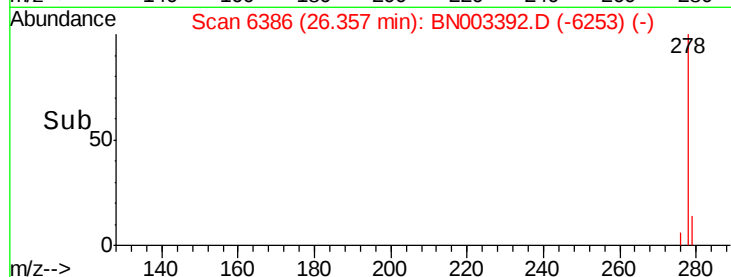
279 77.8 19.5 29.3#



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: 2.352 ng/ul

RT: 27.19 min Scan# 6634

Delta R.T. 0.37 min

Lab File: BN003392.D

Acq: 01 Nov 2018 23:06

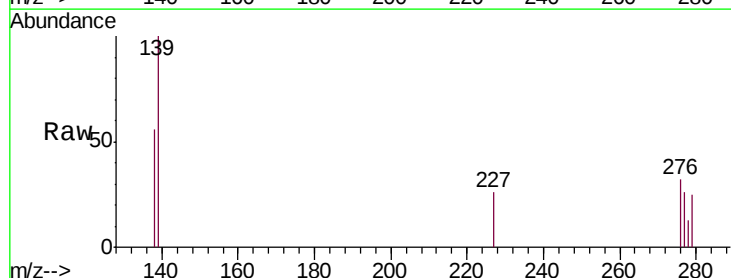
Tgt Ion: 276 Resp: 1476

Ion Ratio Lower Upper

276 100

138 175.0 17.0 25.6#

277 81.2 19.2 28.8#



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

