

Data File : BN003387.D
Acq On : 01 Nov 2018 20:10
Operator : MJ/SJ
Sample : J5635-27
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40H7

Quant Time: Nov 02 04:52:25 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	10978	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45774	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	27459	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	3404974	0.40	ng/ul	0.10
16) Chrysene-d12	21.56	240	517	0.40	ng/ul	0.15
20) Perylene-d12	23.91	264	1478	0.40	ng/ul	0.17

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	22627	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

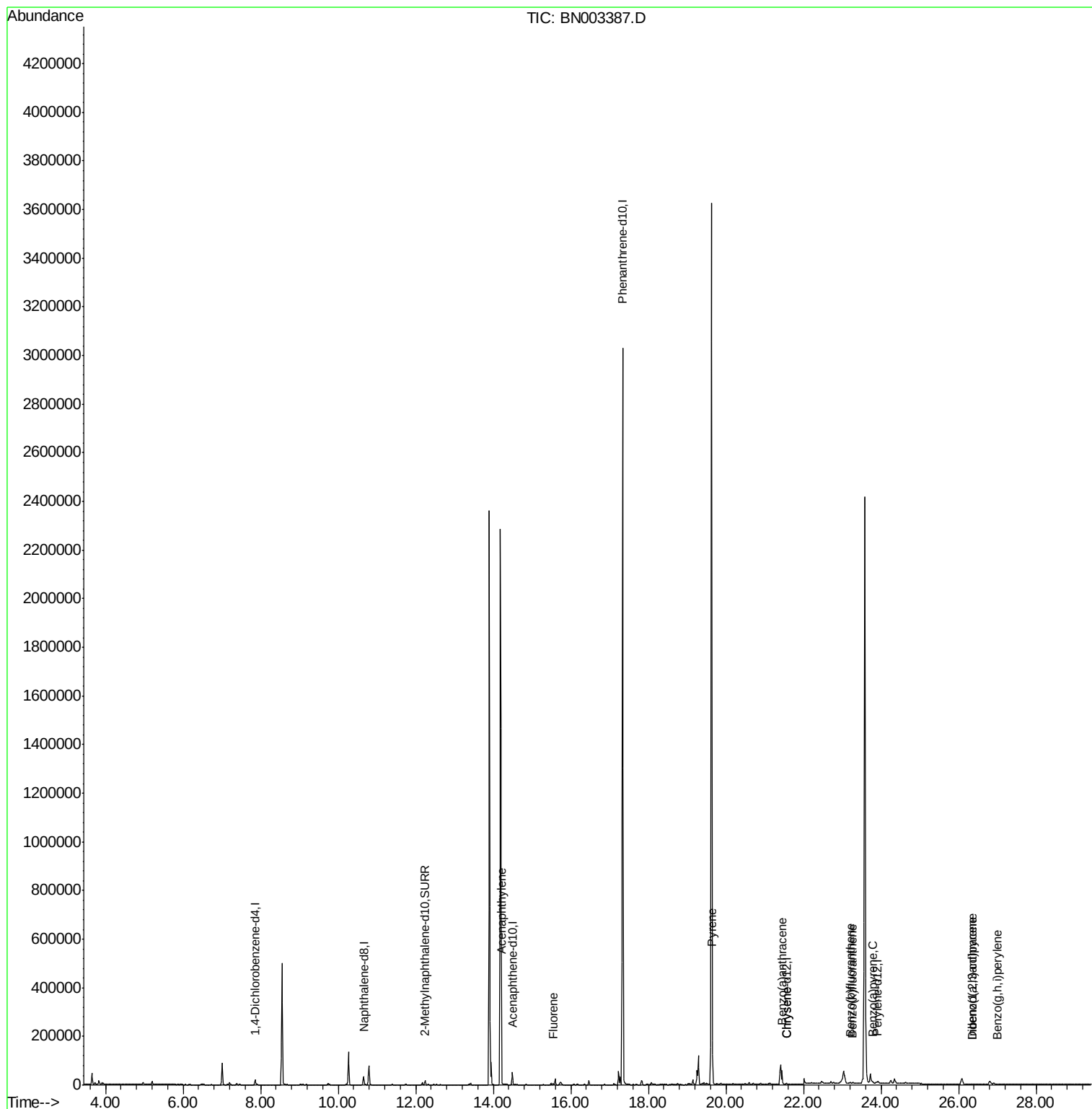
Target Compounds				Qvalue		
7) Acenaphthylene	14.21	152	3121	0.026	ng/ul#	91
9) Fluorene	15.54	166	3791	0.030	ng/ul#	95
17) Pyrene	19.65	202	87335	46.440	ng/ul	98
18) Benzo(a)anthracene	21.45	228	55266	34.095	ng/ul	93
19) Chrysene	21.56	228	4447	2.414	ng/ul#	43
21) Benzo(b)fluoranthene	23.20	252	4901	0.770	ng/ul#	4
22) Benzo(k)fluoranthene	23.25	252	705	0.114	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	7300	1.373	ng/ul#	30
24) Indeno(1,2,3-cd)pyrene	26.36	276	791	0.139	ng/ul#	58
25) Dibenzo(a,h)anthracene	26.36	278	2853	0.615	ng/ul#	14
26) Benzo(g,h,i)perylene	26.99	276	527	0.108	ng/ul#	1

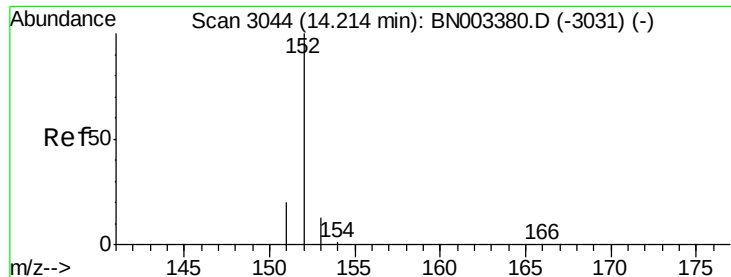
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

Instrument :

BNA_N

ClientSampled :

A40H7

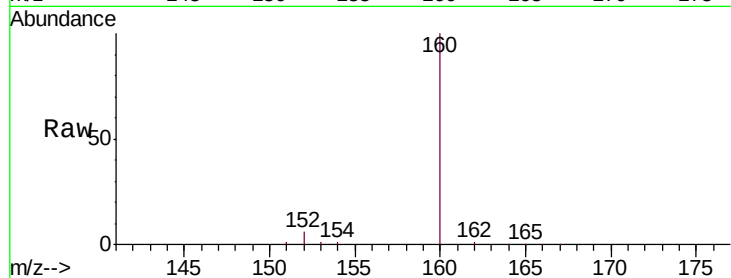
Tgt Ion:152 Resp: 3121

Ion Ratio Lower Upper

152 100

151 22.8 15.6 23.4

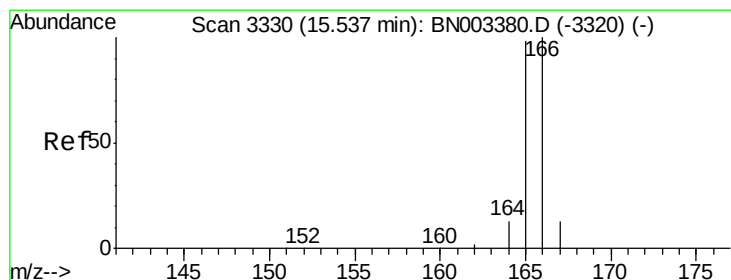
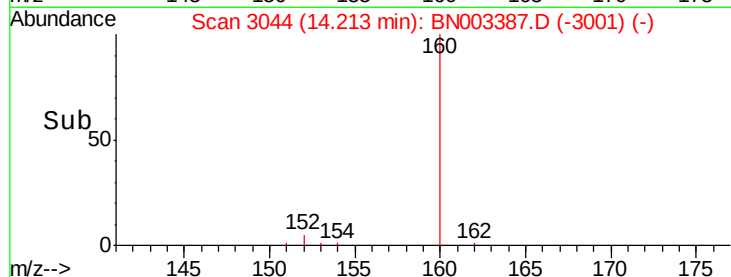
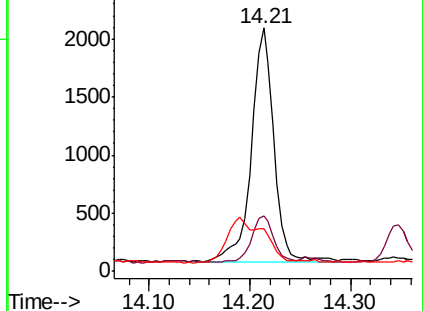
153 17.6 10.4 15.6#



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



#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

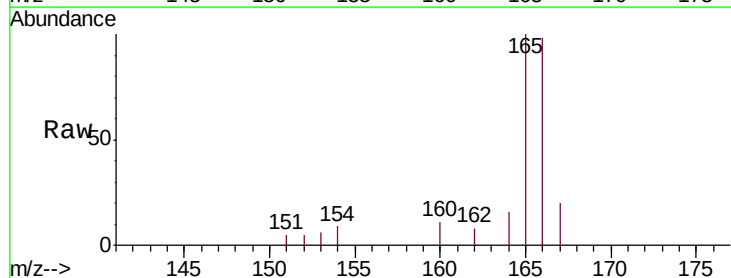
Tgt Ion:166 Resp: 3791

Ion Ratio Lower Upper

166 100

165 101.6 78.3 117.5

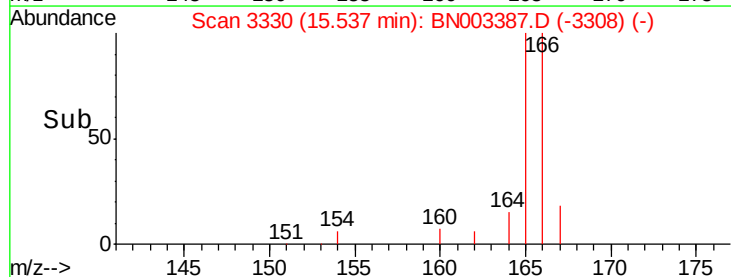
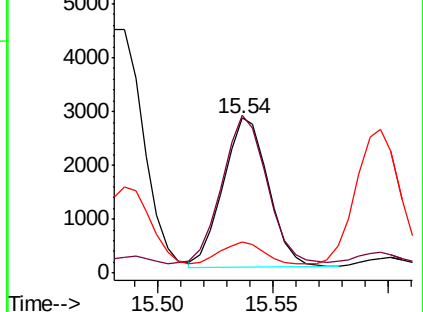
167 20.0 10.8 16.2#

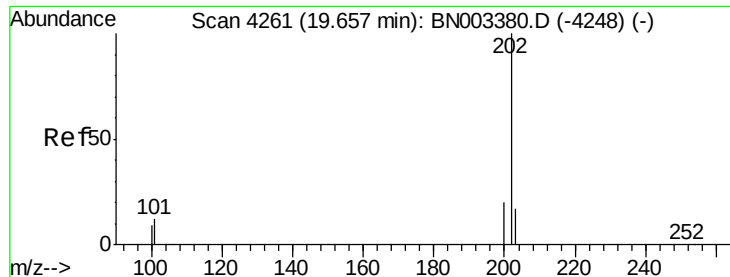


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

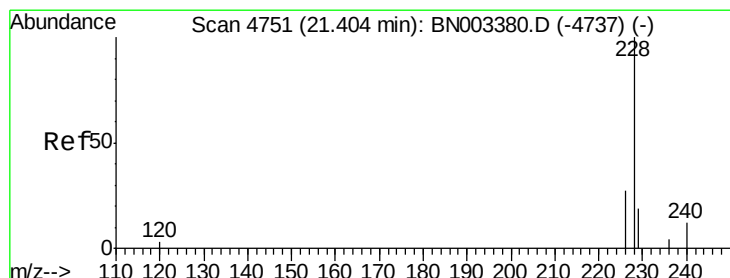
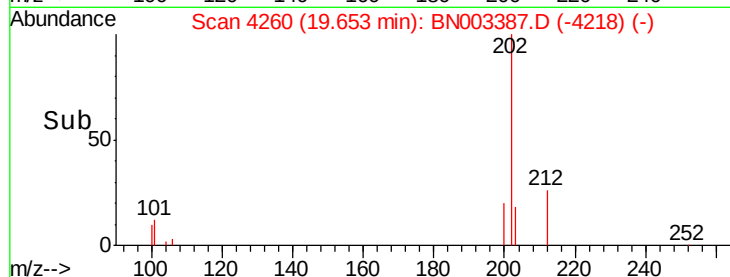
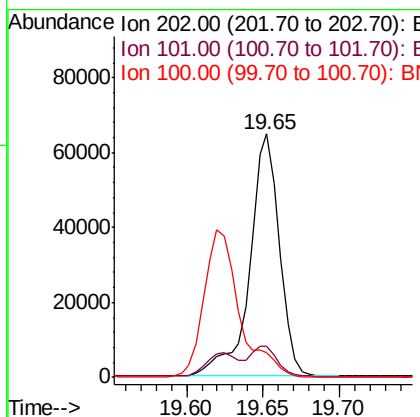
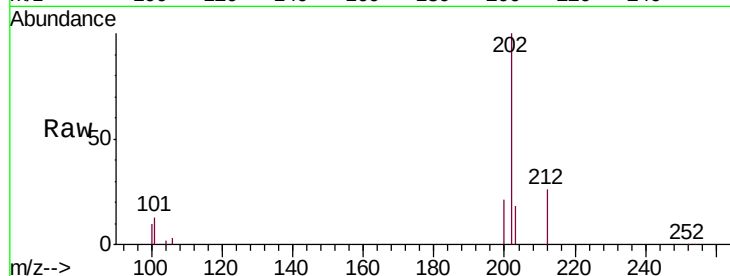




#17
Pyrene
Concen: 46.440 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BN003387.D
Acq: 01 Nov 2018 20:10

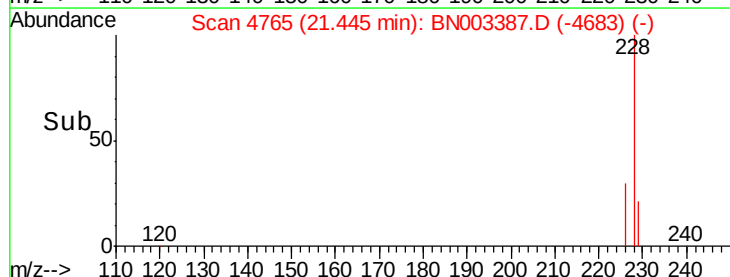
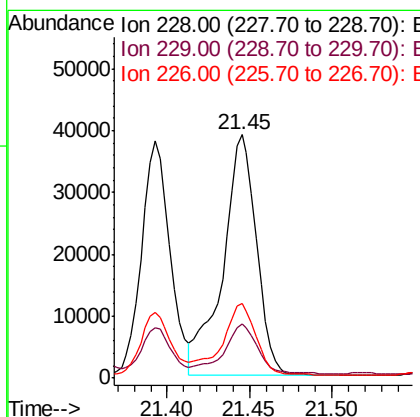
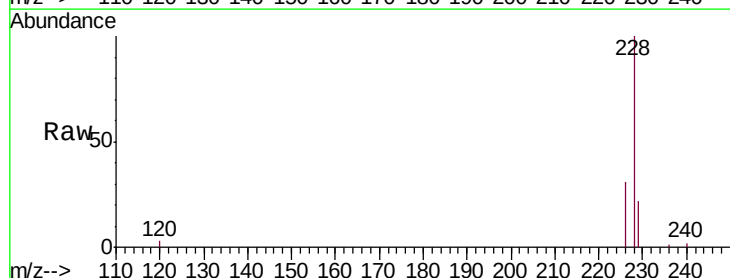
Instrument :
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A40H7

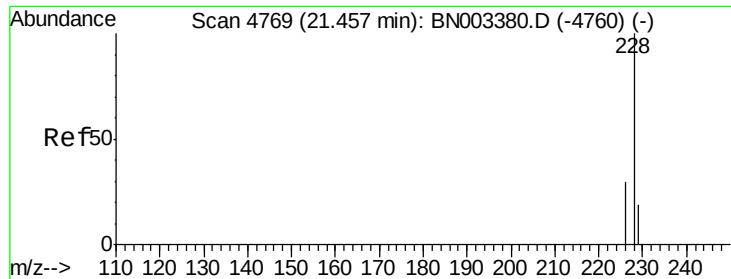
Tgt Ion:202 Resp: 87335
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 10.0 7.5 11.3



#18
Benzo(a)anthracene
Concen: 34.095 ng/ul
RT: 21.45 min Scan# 4765
Delta R.T. 0.04 min
Lab File: BN003387.D
Acq: 01 Nov 2018 20:10

Tgt Ion:228 Resp: 55266
Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 30.7 21.5 32.3





#19

Chrysene

Concen: 2.414 ng/ul

RT: 21.56 min Scan# 4806

Delta R.T. 0.11 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

Instrument :

BNA_N

ClientSampleId :

A40H7

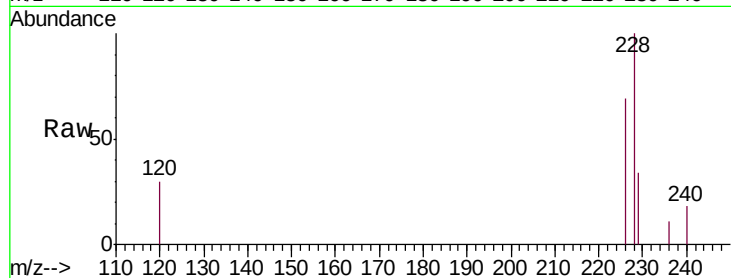
Tgt Ion:228 Resp: 4447

Ion Ratio Lower Upper

228 100

226 69.1 23.8 35.6#

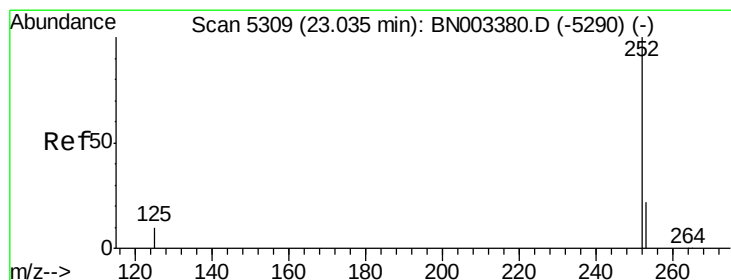
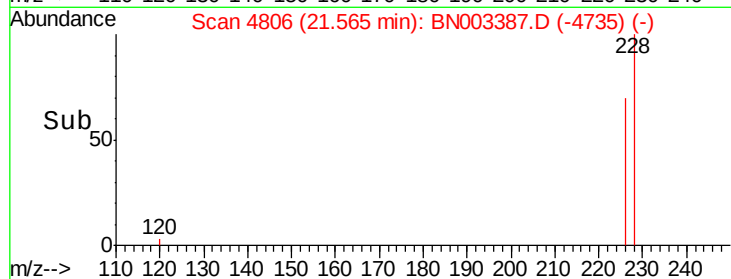
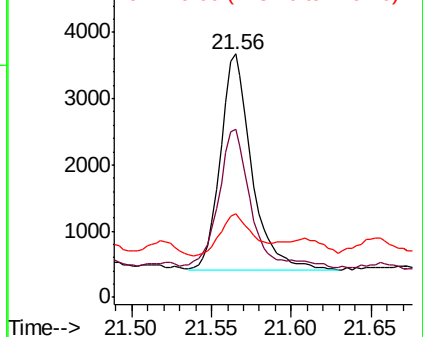
229 34.2 15.5 23.3#



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: 0.770 ng/ul

RT: 23.20 min Scan# 5366

Delta R.T. 0.17 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

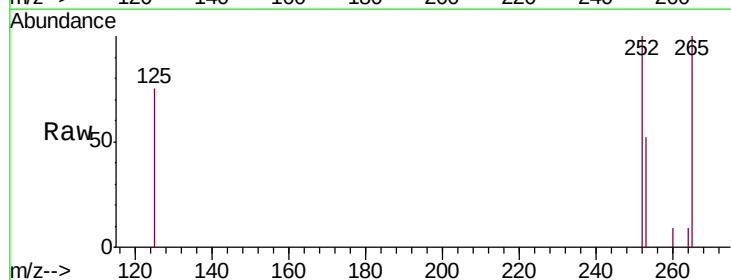
Tgt Ion:252 Resp: 4901

Ion Ratio Lower Upper

252 100

253 52.3 0.0 45.6#

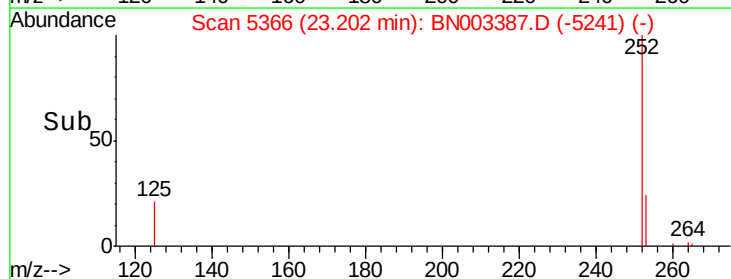
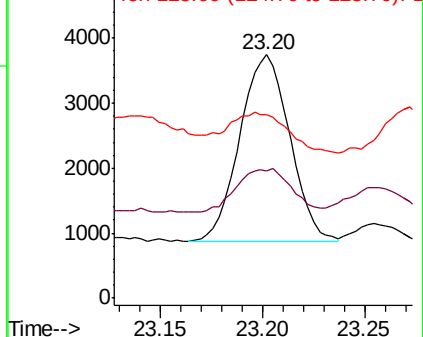
125 75.3 0.0 21.8#

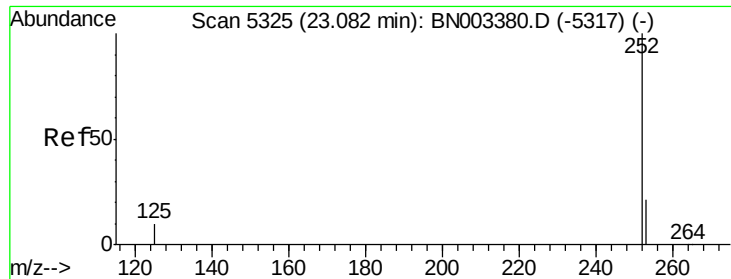


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.114 ng/ul

RT: 23.25 min Scan# 5384

Delta R.T. 0.17 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

Instrument :

BNA_N

ClientSampleId :

A40H7

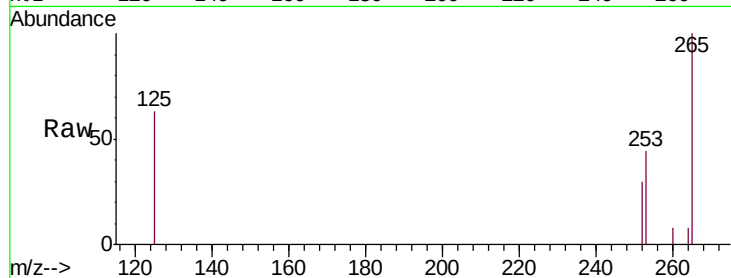
Tgt Ion:252 Resp: 705

Ion Ratio Lower Upper

252 100

253 148.7 18.2 27.4#

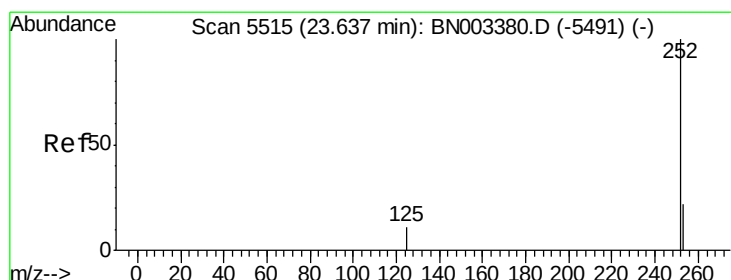
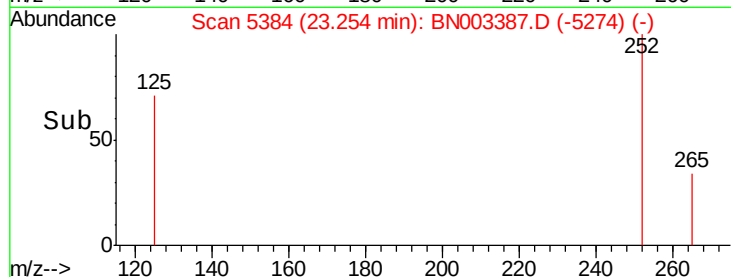
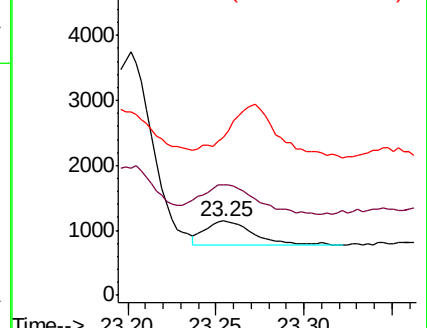
125 212.5 8.6 13.0#



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: 1.373 ng/ul

RT: 23.77 min Scan# 5562

Delta R.T. 0.14 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

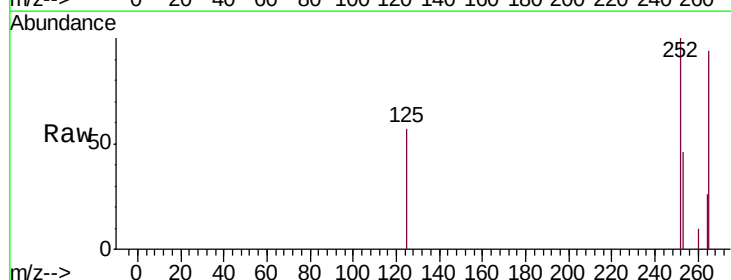
Tgt Ion:252 Resp: 7300

Ion Ratio Lower Upper

252 100

253 45.6 18.5 27.7#

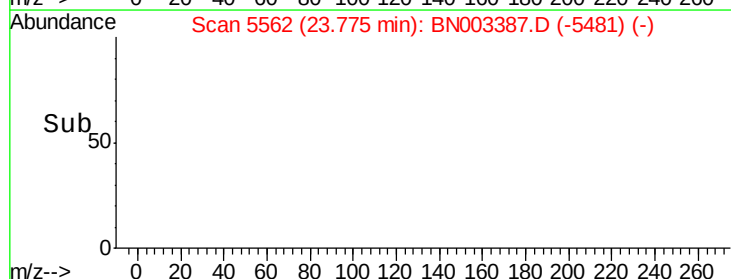
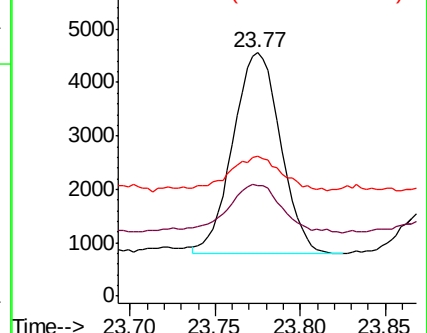
125 57.3 9.9 14.9#

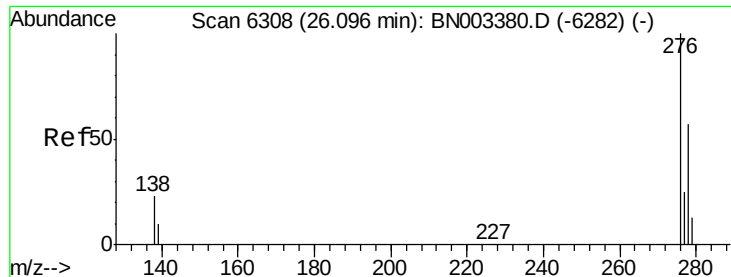


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.139 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.26 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

Instrument :

BNA_N

ClientSampleId :

A40H7

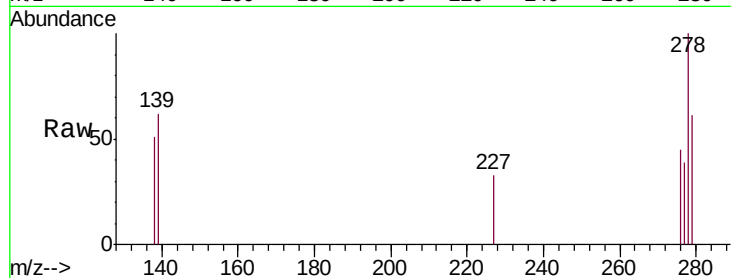
Tgt Ion:276 Resp: 791

Ion Ratio Lower Upper

276 100

138 46.0 19.8 29.8#

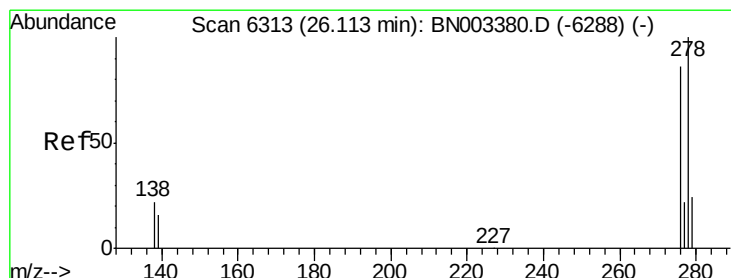
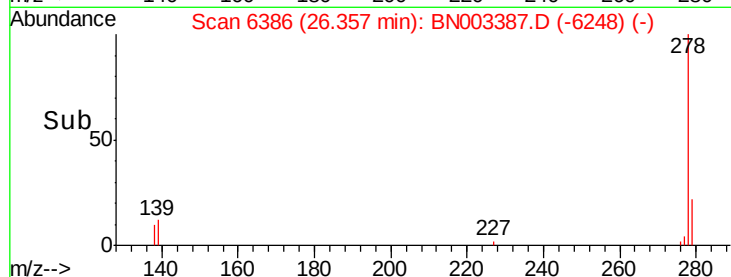
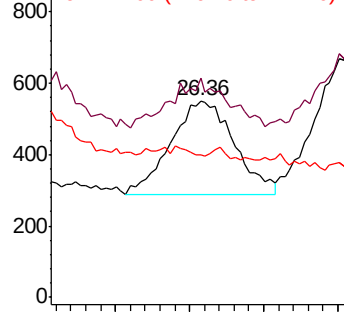
227 18.7 0.2 0.2#



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: 0.615 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.25 min

Lab File: BN003387.D

Acq: 01 Nov 2018 20:10

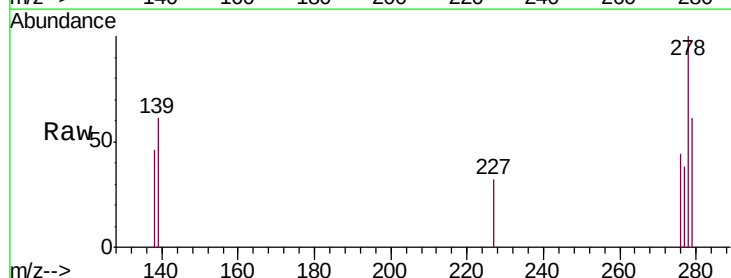
Tgt Ion:278 Resp: 2853

Ion Ratio Lower Upper

278 100

139 60.9 13.1 19.7#

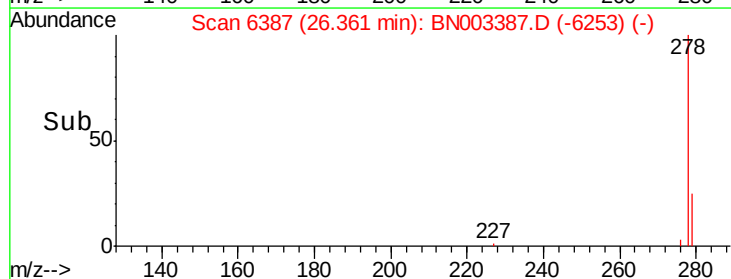
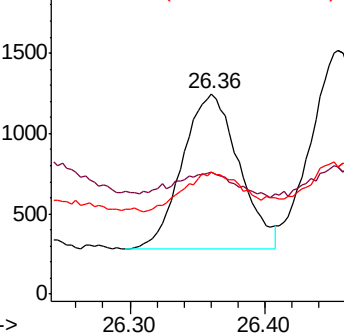
279 60.9 19.5 29.3#

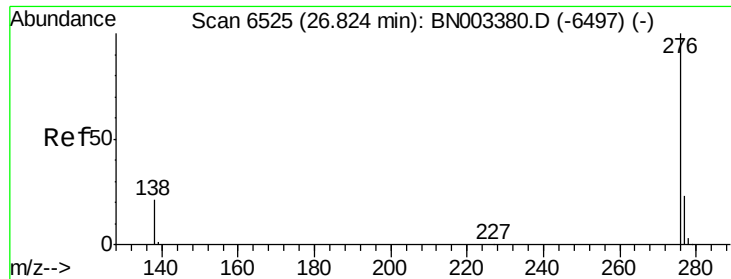


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.108 ng/ul

RT: 26.99 min Scan# 6575

Delta R.T. 0.17 min

Lab File: BN003387.D

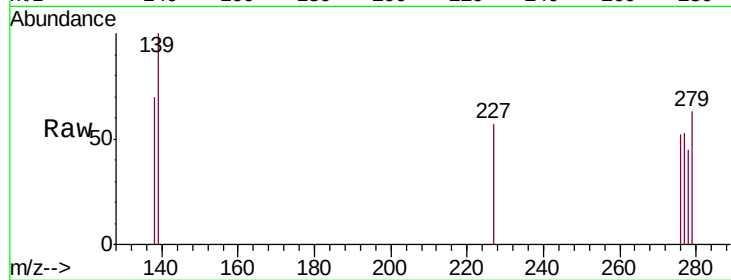
Acq: 01 Nov 2018 20:10

Instrument :

BNA_N

ClientSampleId :

A40H7



Tgt Ion: 276 Resp: 527

Ion Ratio Lower Upper

276 100

138 132.6 17.0 25.6#

277 100.5 19.2 28.8#

