

Data File : BN004059.D
Acq On : 18 Dec 2018 04:59
Operator : JU/SJ
Sample : J6270-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E06

Quant Time: Dec 18 06:39:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1350	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7127	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4600	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	846330	0.40	ng/ul	0.10
16) Chrysene-d12	21.54	240	25	0.40	ng/ul	0.14
20) Perylene-d12	23.94	264	7	0.40	ng/ul	0.22

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3397	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

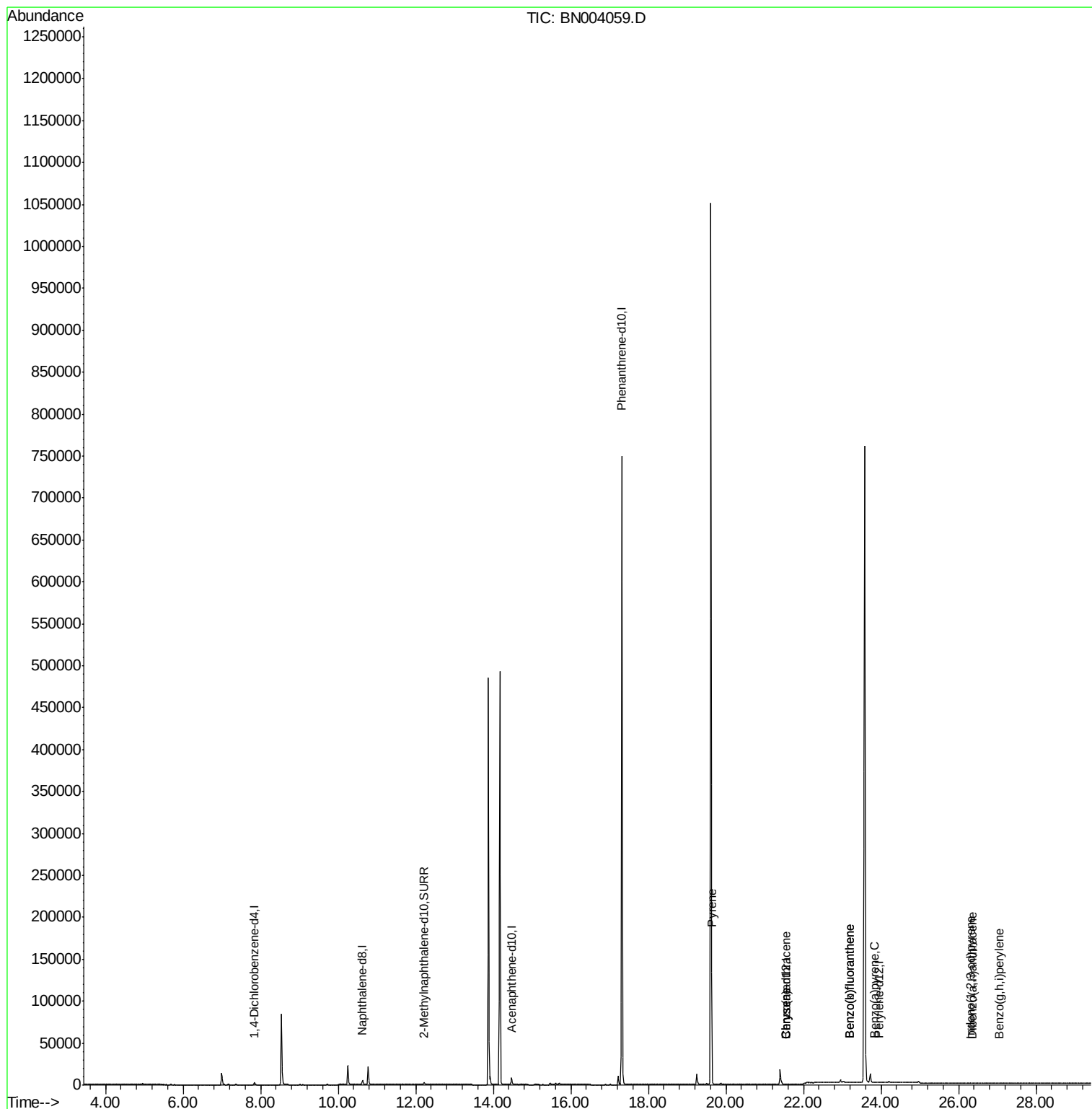
Target Compounds				Qvalue		
17) Pyrene	19.64	202	2259	25.194	ng/ul#	86
18) Benzo(a)anthracene	21.56	228	180	2.280	ng/ul#	1
19) Chrysene	21.56	228	174	1.926	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	352	12.156	ng/ul#	1
22) Benzo(k)fluoranthene	23.20	252	352	12.478	ng/ul#	1
23) Benzo(a)pyrene	23.84	252	16	0.638	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.30	276	5	0.174	ng/ul#	1
25) Dibenzo(a,h)anthracene	26.35	278	74	3.198	ng/ul#	1
26) Benzo(g,h,i)perylene	27.06	276	11	0.440	ng/ul#	1

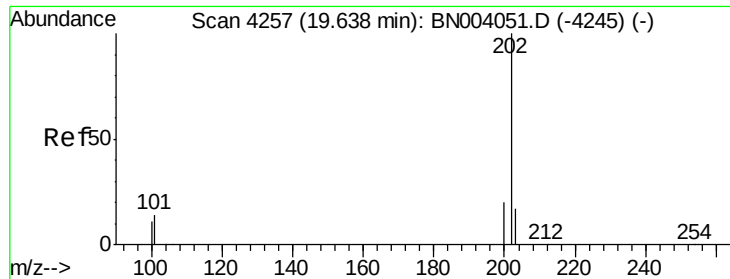
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 25.194 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9E06

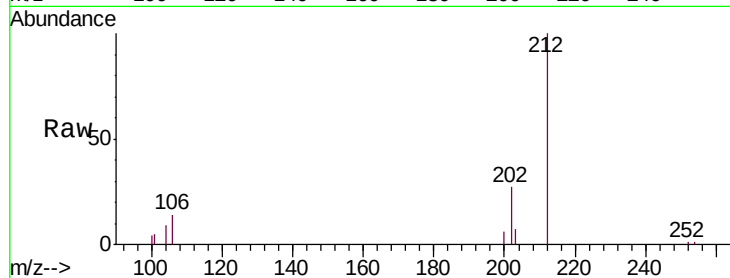
Tgt Ion:202 Resp: 2259

Ion Ratio Lower Upper

202 100

101 18.1 10.3 15.5#

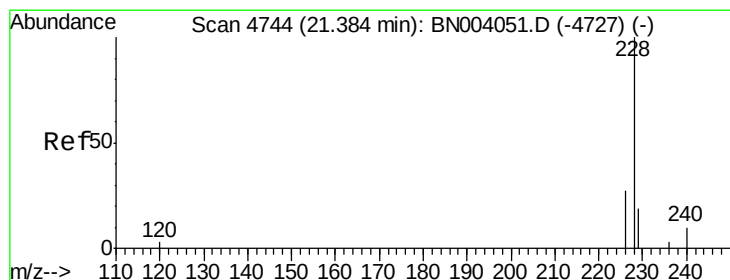
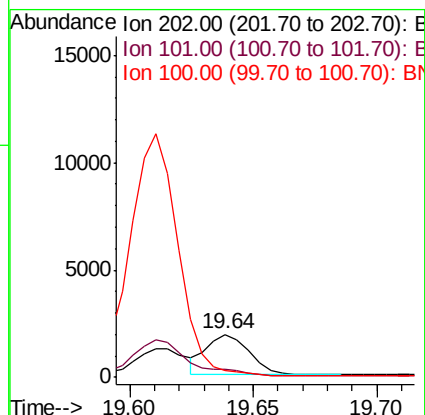
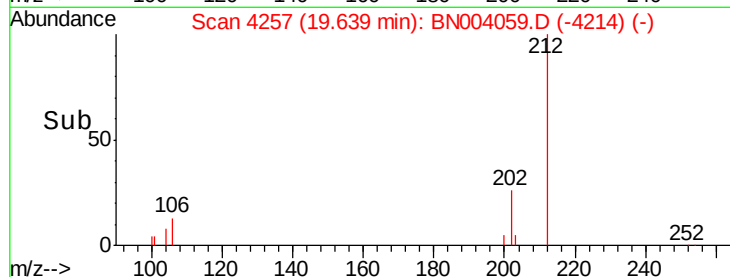
100 16.5 8.5 12.7#



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



#18

Benzo(a)anthracene

Concen: 2.280 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.17 min

Lab File: BN004059.D

Acq: 18 Dec 2018 04:59

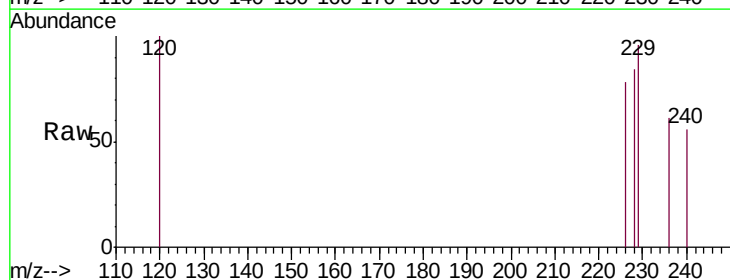
Tgt Ion:228 Resp: 180

Ion Ratio Lower Upper

228 100

229 114.6 15.6 23.4#

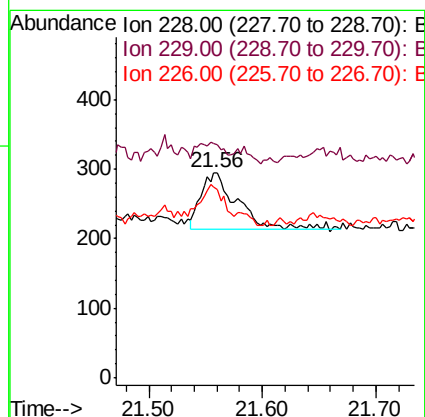
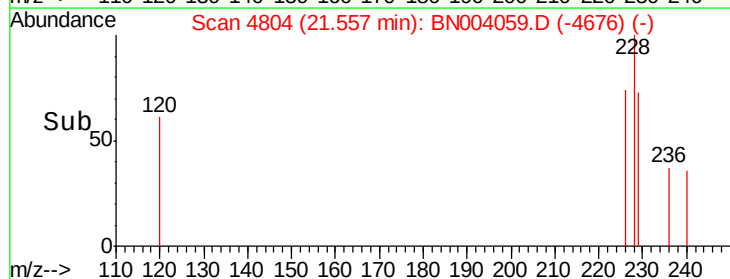
226 92.9 21.1 31.7#

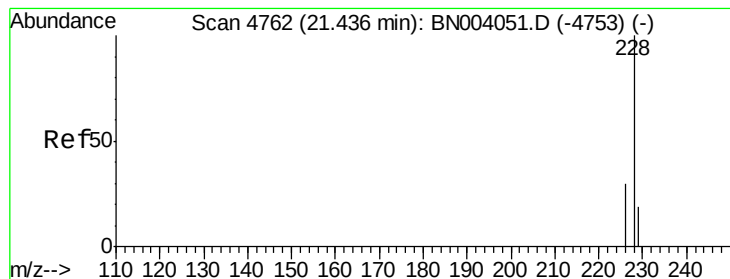


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.926 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.12 min

Lab File: BN004059.D

Acq: 18 Dec 2018 04:59

Instrument :

BNA_N

ClientSampleId :

F9E06

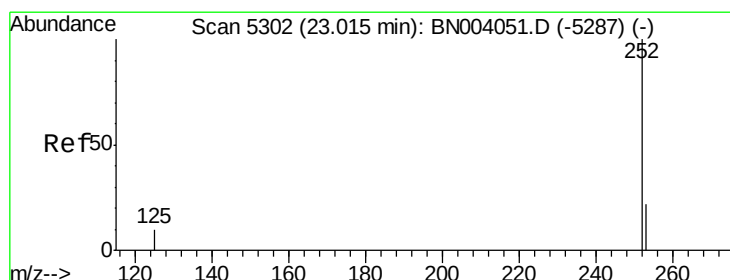
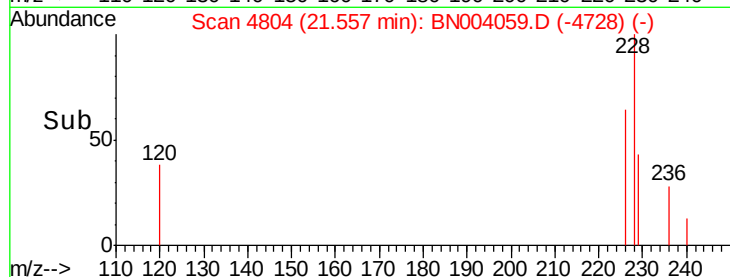
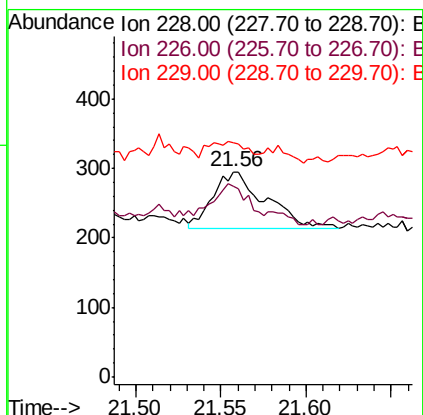
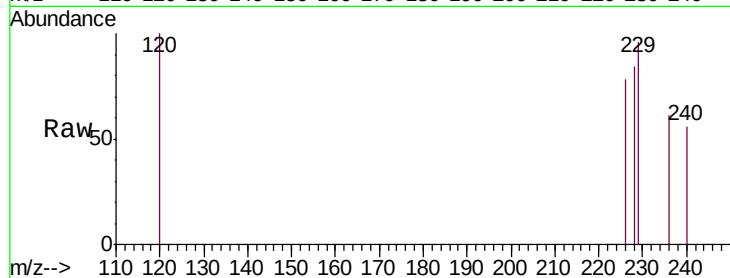
Tgt Ion:228 Resp: 174

Ion Ratio Lower Upper

228 100

226 92.9 24.0 36.0#

229 114.6 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 12.156 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN004059.D

Acq: 18 Dec 2018 04:59

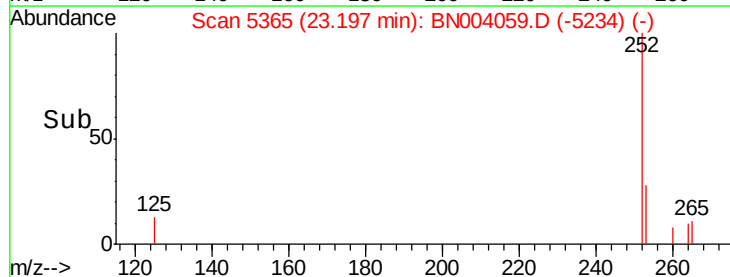
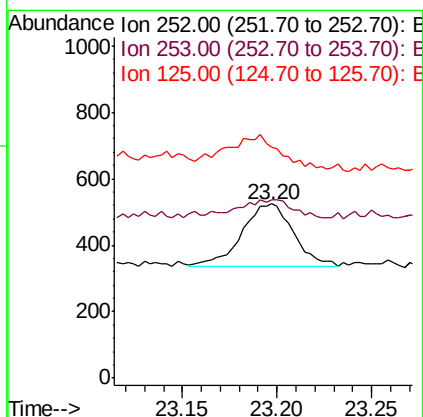
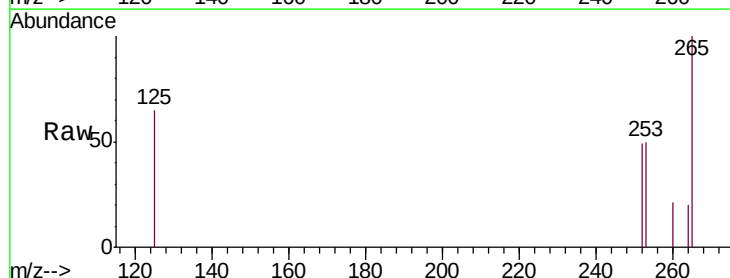
Tgt Ion:252 Resp: 352

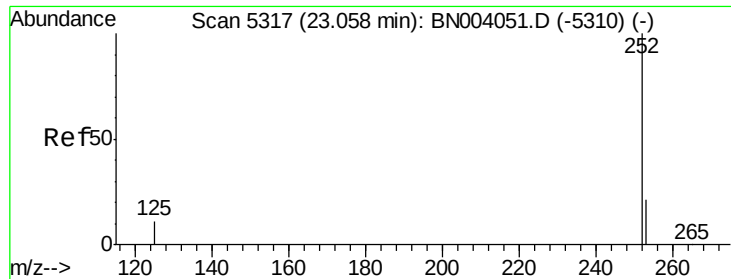
Ion Ratio Lower Upper

252 100

253 101.9 0.0 46.0#

125 132.6 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 12.478 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.14 min

Lab File: BN004059.D

Acq: 18 Dec 2018 04:59

Instrument :

BNA_N

ClientSampleId :

F9E06

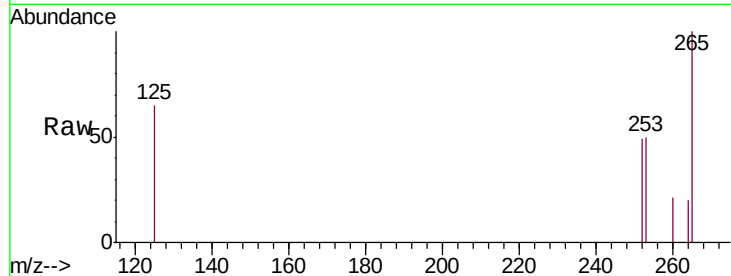
Tgt Ion:252 Resp: 352

Ion Ratio Lower Upper

252 100

253 101.9 18.5 27.7#

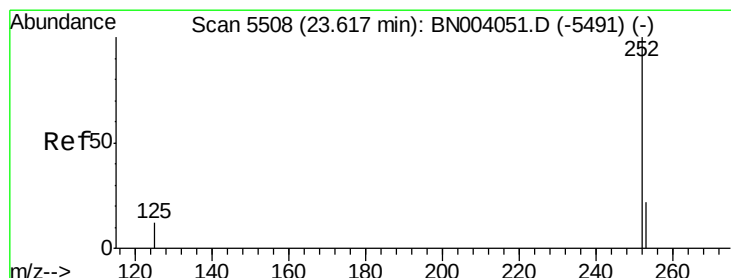
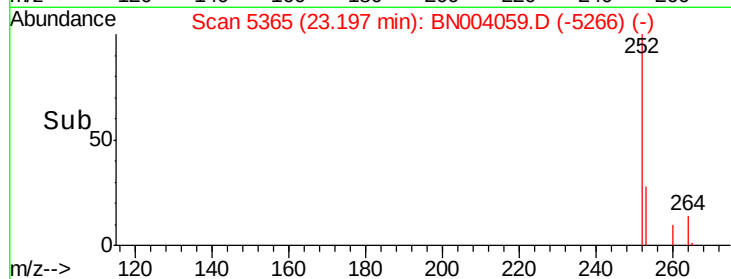
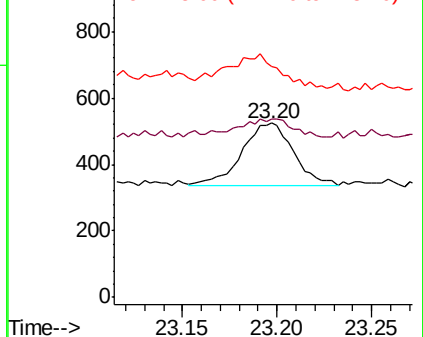
125 132.6 9.0 13.6#



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: 0.638 ng/ul

RT: 23.84 min Scan# 5584

Delta R.T. 0.22 min

Lab File: BN004059.D

Acq: 18 Dec 2018 04:59

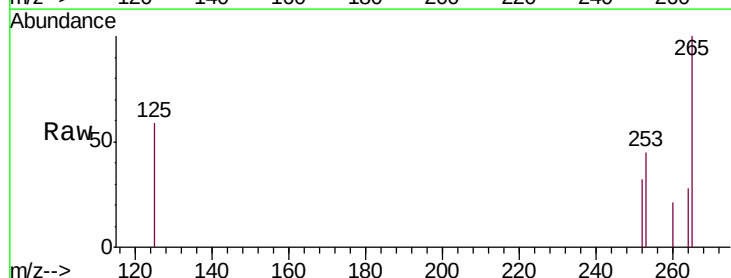
Tgt Ion:252 Resp: 16

Ion Ratio Lower Upper

252 100

253 141.1 19.0 28.4#

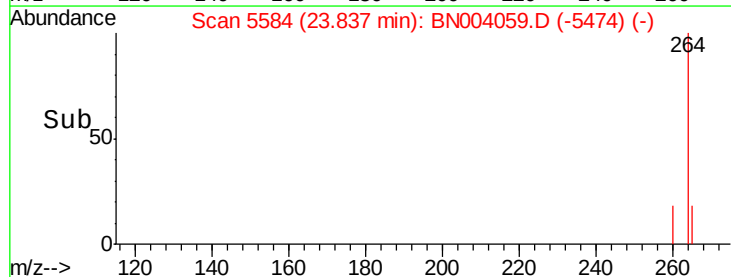
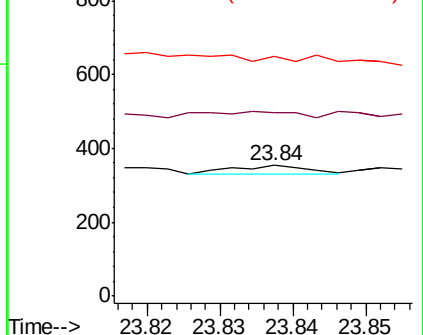
125 183.9 10.2 15.4#

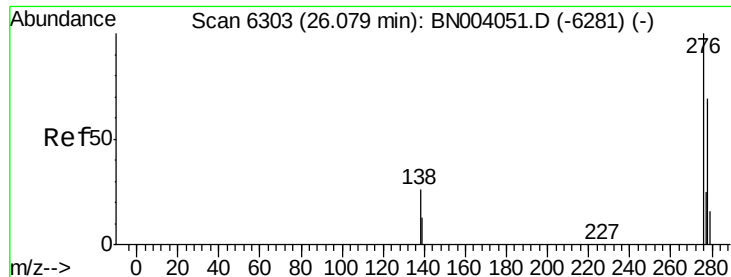


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

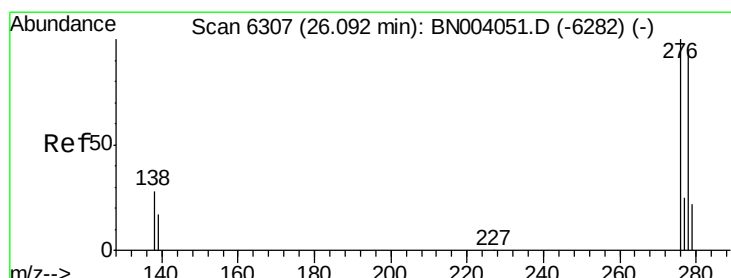
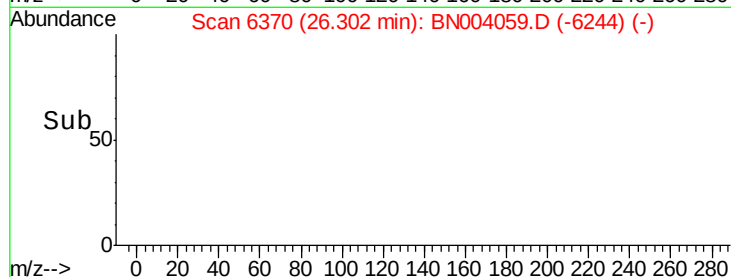
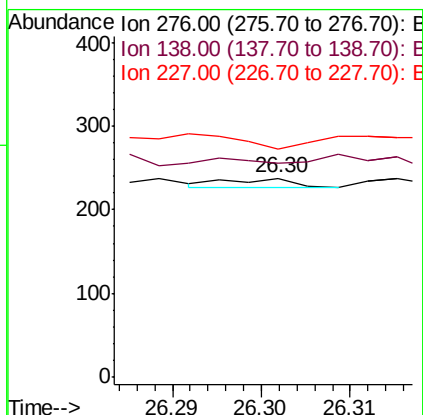
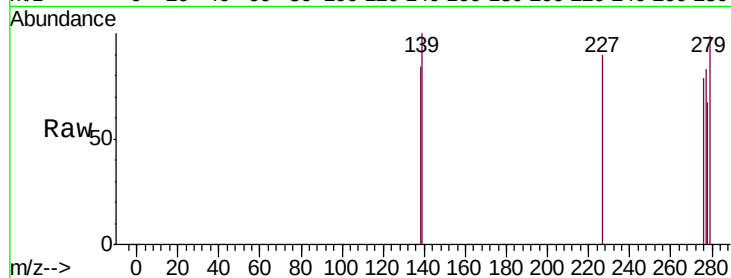




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.174 ng/ul
 RT: 26.30 min Scan# 6370
 Delta R.T. 0.22 min
 Lab File: BN004059.D
 Acq: 18 Dec 2018 04:59

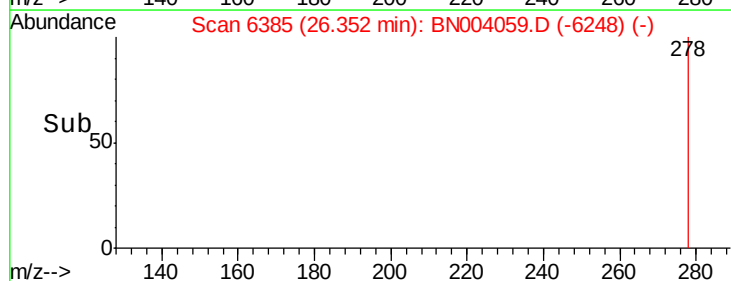
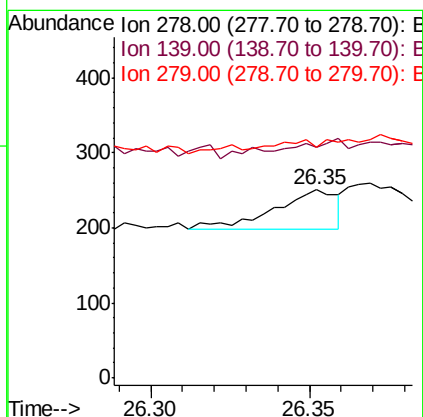
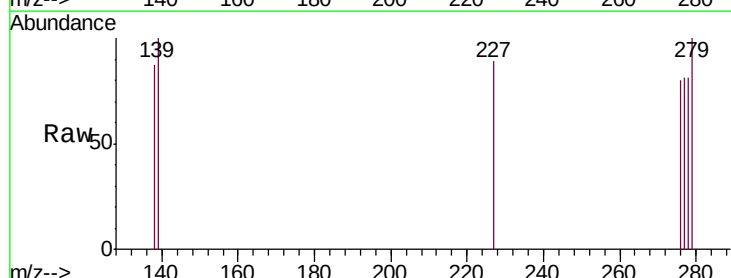
Instrument :
 BNA_N
 ClientSampleId :
 F9E06

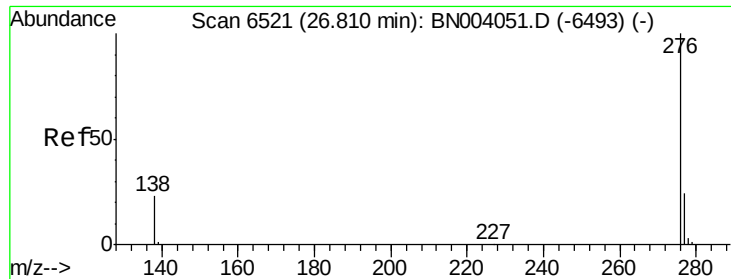
Tgt Ion: 276 Resp: 5
 Ion Ratio Lower Upper
 276 100
 138 100.0 20.3 30.5#
 227 340.0 0.2 0.2#



#25
 Dibenzo(a,h)anthracene
 Concen: 3.198 ng/ul
 RT: 26.35 min Scan# 6385
 Delta R.T. 0.26 min
 Lab File: BN004059.D
 Acq: 18 Dec 2018 04:59

Tgt Ion: 278 Resp: 74
 Ion Ratio Lower Upper
 278 100
 139 122.7 14.2 21.4#
 279 122.3 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.440 ng/ul

RT: 27.06 min Scan# 6595

Delta R.T. 0.25 min

Lab File: BN004059.D

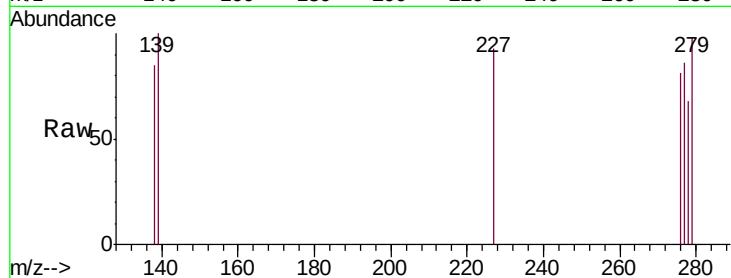
Acq: 18 Dec 2018 04:59

Instrument :

BNA_N

ClientSampleId :

F9E06



Tgt Ion: 276 Resp: 11

Ion Ratio Lower Upper

276 100

138 105.2 17.7 26.5#

277 106.0 19.3 28.9#

