

Data File : BN004041.D
Acq On : 17 Dec 2018 18:25
Operator : JU/SJ
Sample : J6236-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E99

Quant Time: Dec 18 04:33:08 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 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1368	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7120	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	519278	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	17	0.40	ng/ul	0.11
20) Perylene-d12	23.89	264	31	0.40	ng/ul	0.17

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2312	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

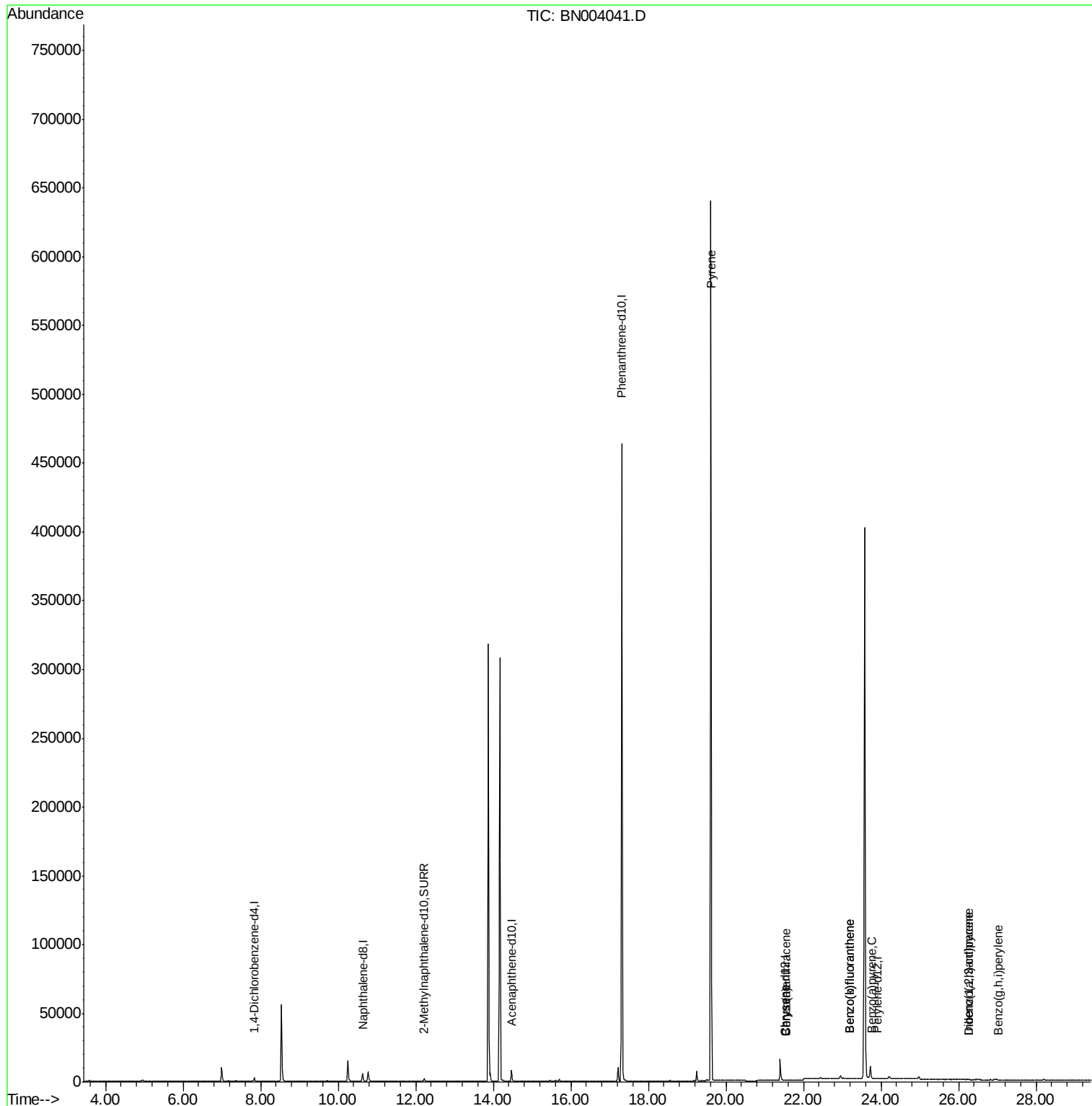
Target Compounds				Qvalue		
17) Pyrene	19.61	202	1268	20.796	ng/ul#	1
18) Benzo(a)anthracene	21.54	228	10	0.186	ng/ul#	1
19) Chrysene	21.54	228	10	0.163	ng/ul#	1
21) Benzo(b)fluoranthene	23.20	252	105	0.819	ng/ul#	1
22) Benzo(k)fluoranthene	23.20	252	105	0.840	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	49	0.441	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.26	276	19	0.149	ng/ul#	46
25) Dibenzo(a,h)anthracene	26.28	278	9	0.088	ng/ul#	1
26) Benzo(g,h,i)perylene	27.03	276	11	0.099	ng/ul#	1

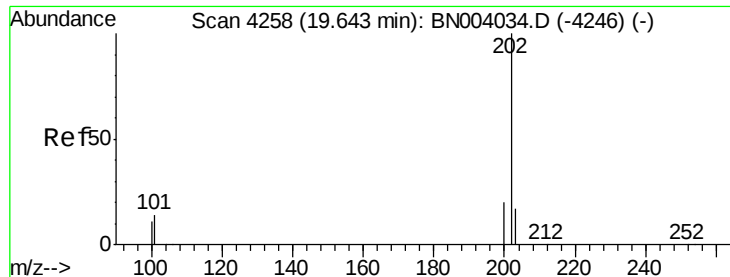
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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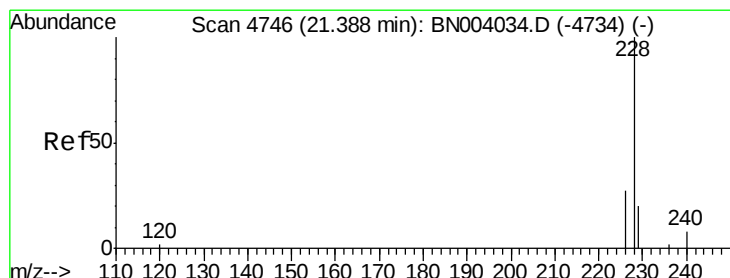
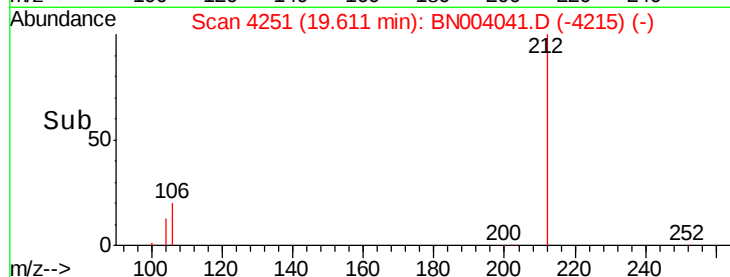
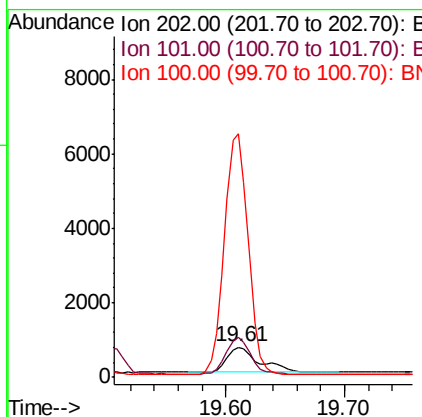
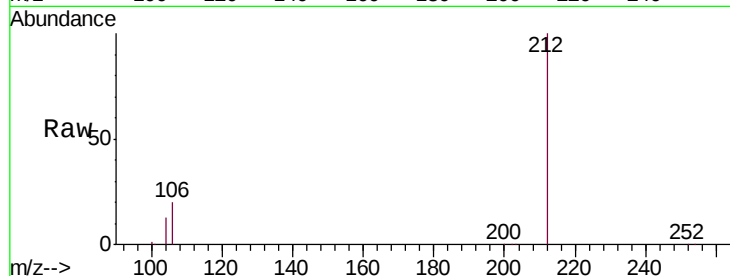




#17
 Pyrene
 Concen: 20.796 ng/ul
 RT: 19.61 min Scan# 4251
 Delta R.T. -0.03 min
 Lab File: BN004041.D
 Acq: 17 Dec 2018 18:25

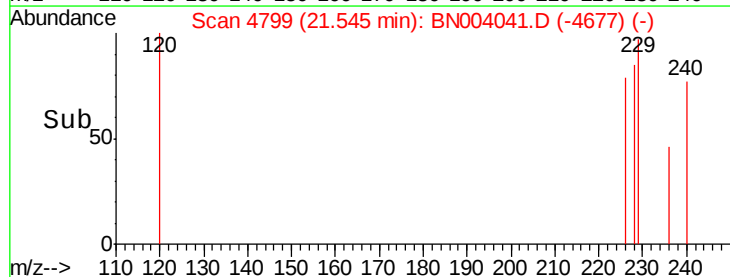
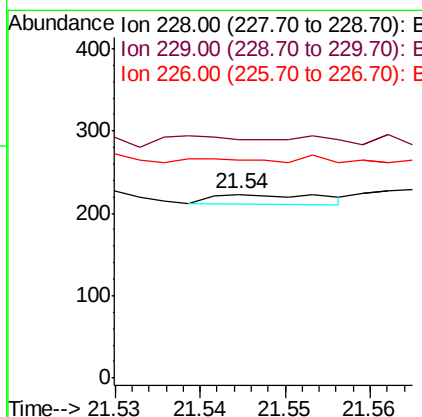
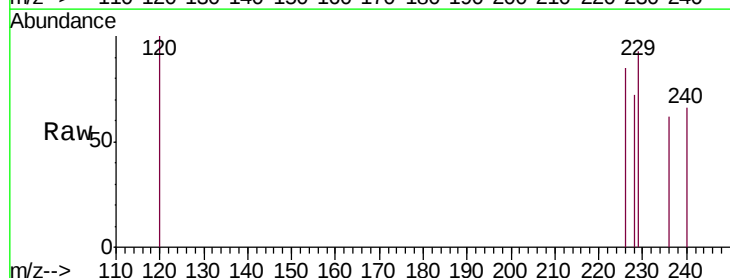
Instrument :
 BNA_N
 ClientSampleId :
 F9E99

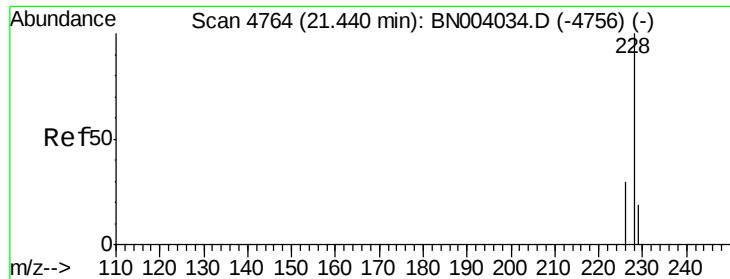
Tgt Ion:202 Resp: 1268
 Ion Ratio Lower Upper
 202 100
 101 131.0 10.3 15.5#
 100 802.0 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 0.186 ng/ul
 RT: 21.54 min Scan# 4799
 Delta R.T. 0.16 min
 Lab File: BN004041.D
 Acq: 17 Dec 2018 18:25

Tgt Ion:228 Resp: 10
 Ion Ratio Lower Upper
 228 100
 229 129.6 15.6 23.4#
 226 118.8 21.1 31.7#





#19

Chrysene

Concen: 0.163 ng/ul

RT: 21.54 min Scan# 4799

Delta R.T. 0.10 min

Lab File: BN004041.D

Acq: 17 Dec 2018 18:25

Instrument :

BNA_N

ClientSampleId :

F9E99

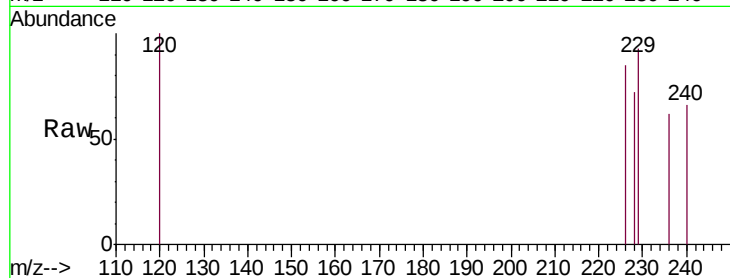
Tgt Ion:228 Resp: 10

Ion Ratio Lower Upper

228 100

226 118.8 24.0 36.0#

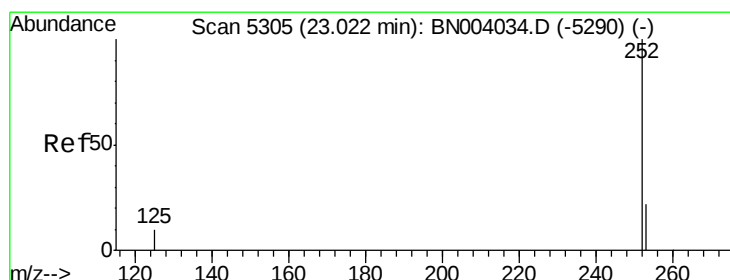
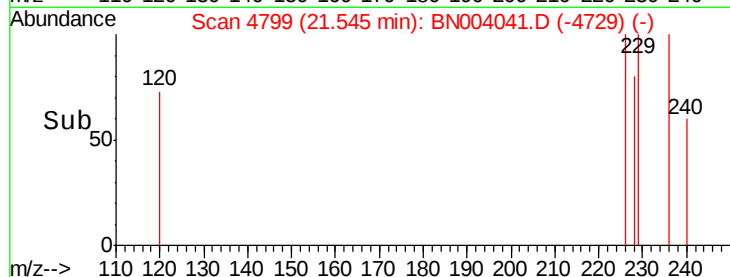
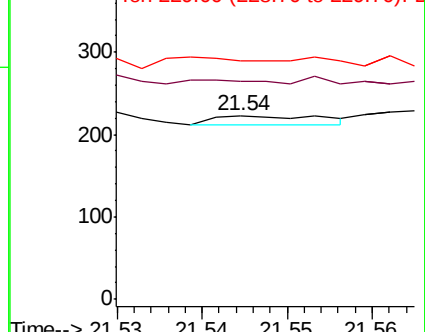
229 129.6 15.7 23.5#



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: 0.819 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN004041.D

Acq: 17 Dec 2018 18:25

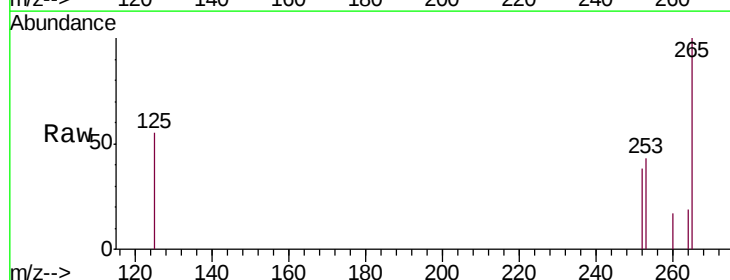
Tgt Ion:252 Resp: 105

Ion Ratio Lower Upper

252 100

253 113.8 0.0 46.0#

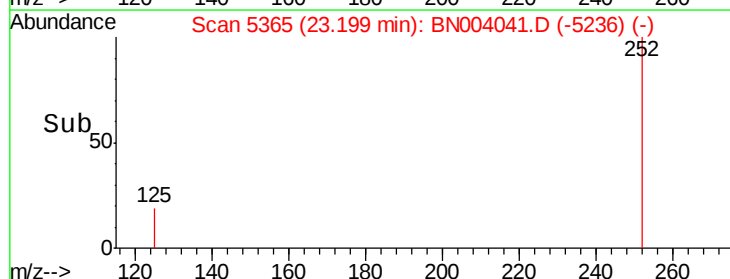
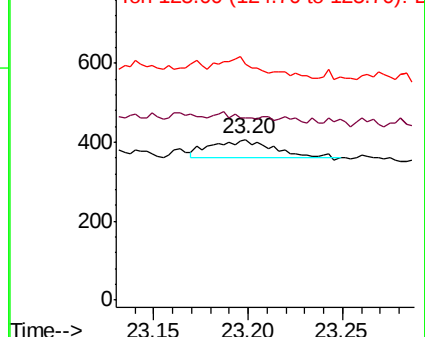
125 146.9 0.0 22.4#

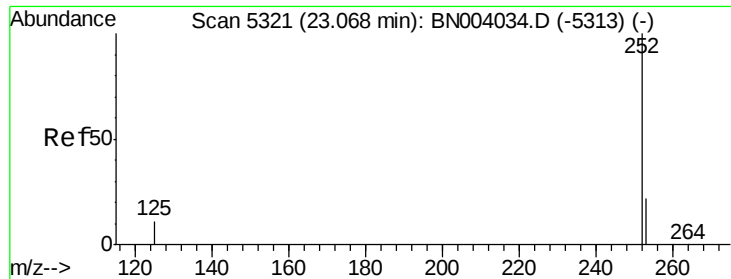


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.840 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.13 min

Lab File: BN004041.D

Acq: 17 Dec 2018 18:25

Instrument :

BNA_N

ClientSampleId :

F9E99

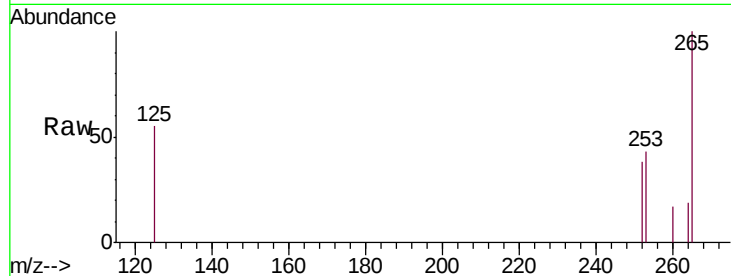
Tgt Ion:252 Resp: 105

Ion Ratio Lower Upper

252 100

253 113.8 18.5 27.7#

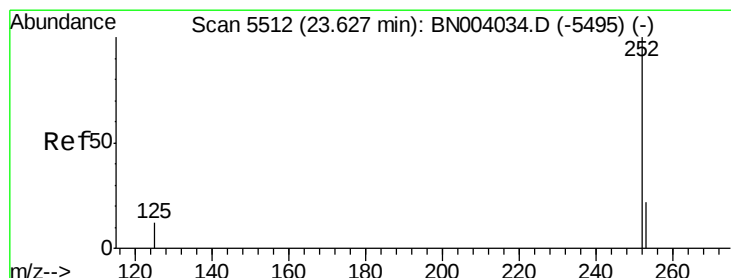
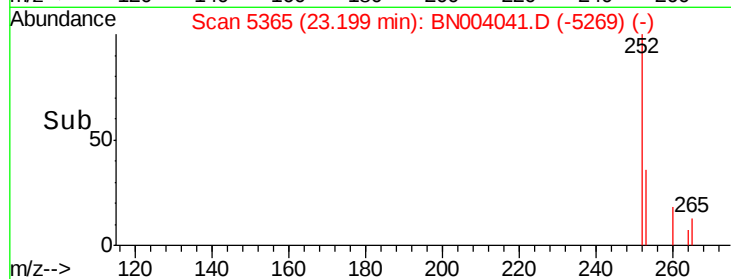
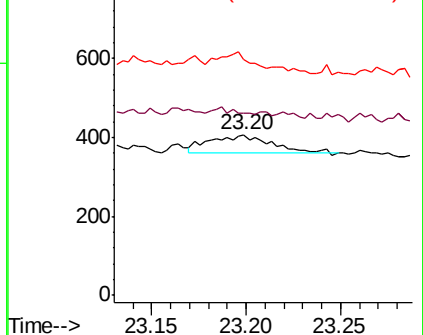
125 146.9 9.0 13.6#



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: 0.441 ng/ul

RT: 23.77 min Scan# 5559

Delta R.T. 0.14 min

Lab File: BN004041.D

Acq: 17 Dec 2018 18:25

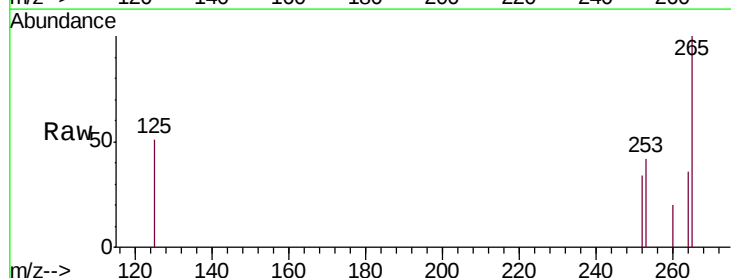
Tgt Ion:252 Resp: 49

Ion Ratio Lower Upper

252 100

253 124.4 19.0 28.4#

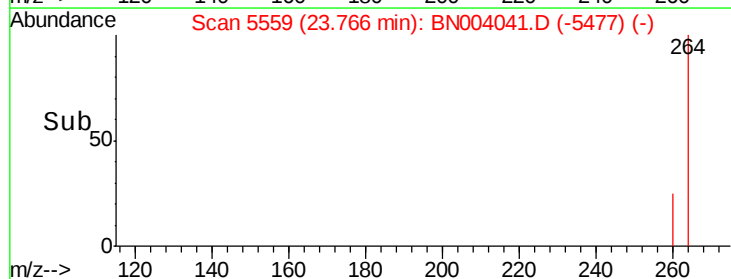
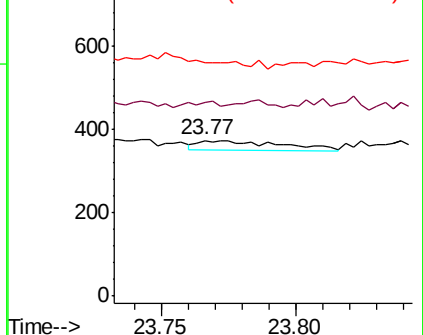
125 150.1 10.2 15.4#

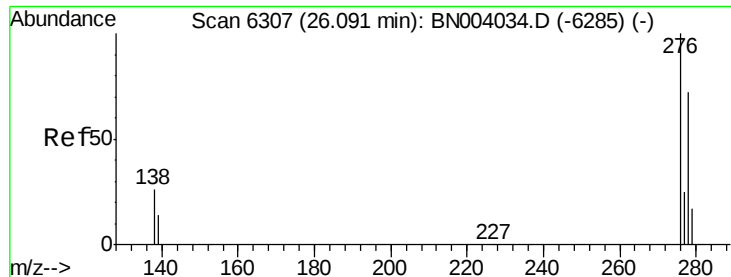


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



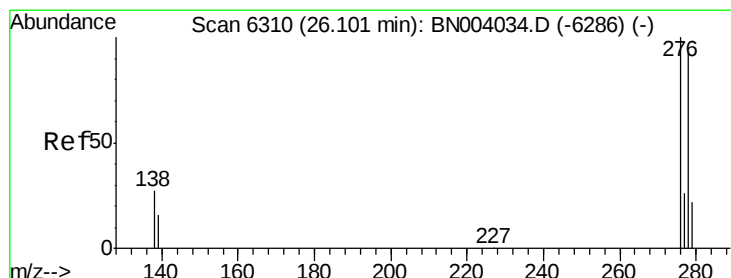
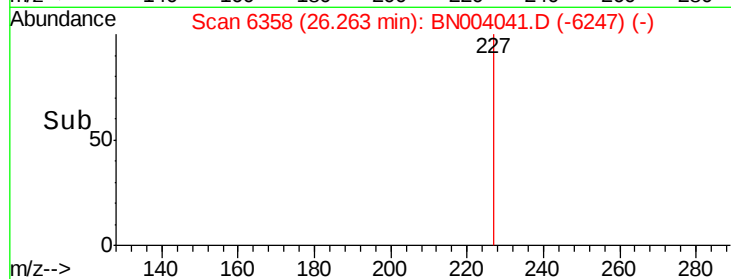
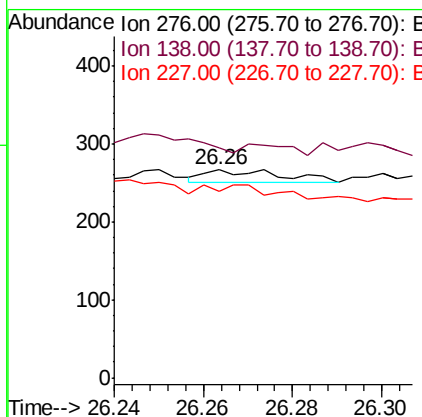
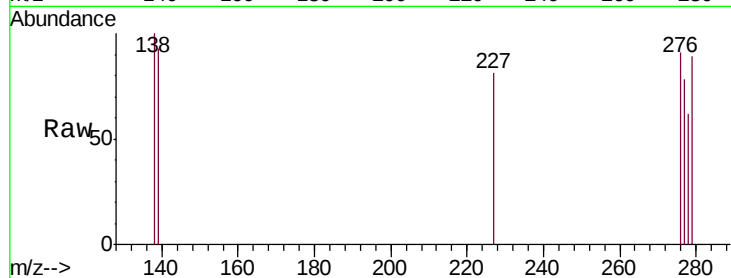


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 26.26 min Scan# 6358
Delta R.T. 0.17 min
Lab File: BN004041.D
Acq: 17 Dec 2018 18:25

Instrument :
BNA_N
ClientSampleId :
F9E99

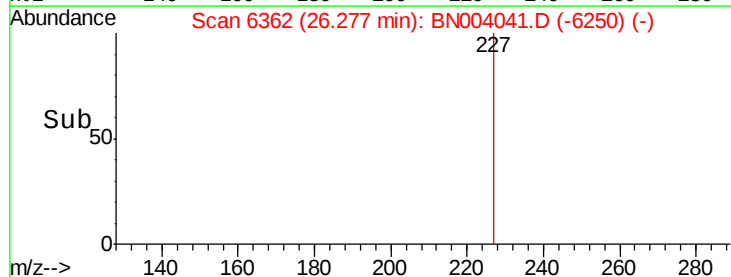
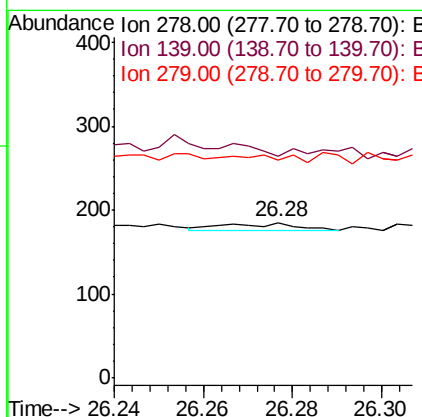
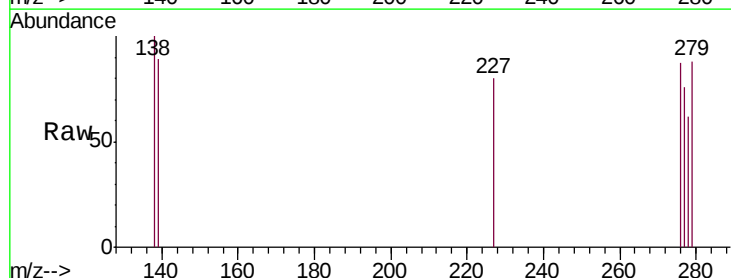
Tgt Ion: 276 Resp: 19
Ion Ratio Lower Upper
276 100
138 52.6 20.3 30.5#
227 0.0 0.2 0.2#

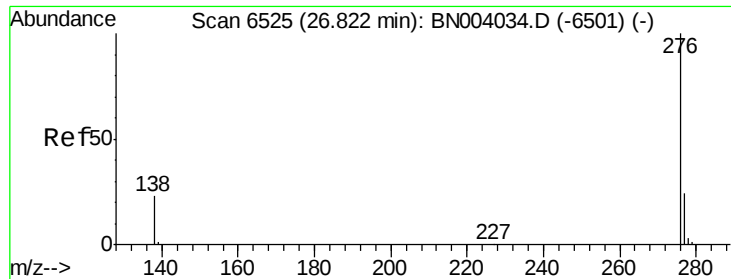


#25

Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.28 min Scan# 6362
Delta R.T. 0.18 min
Lab File: BN004041.D
Acq: 17 Dec 2018 18:25

Tgt Ion: 278 Resp: 9
Ion Ratio Lower Upper
278 100
139 142.7 14.2 21.4#
279 140.5 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.099 ng/ul

RT: 27.03 min Scan# 6588

Delta R.T. 0.21 min

Lab File: BN004041.D

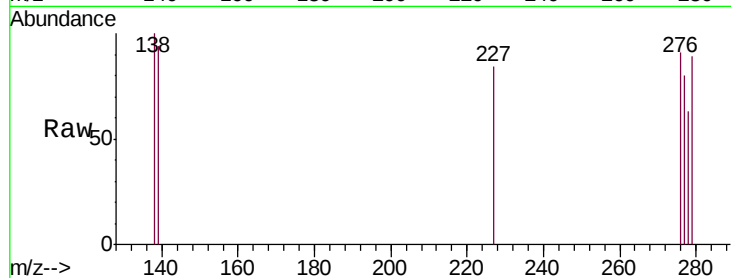
Acq: 17 Dec 2018 18:25

Instrument :

BNA_N

ClientSampleId :

F9E99



Tgt Ion: 276 Resp: 11

Ion Ratio Lower Upper

276 100

138 109.6 17.7 26.5#

277 87.4 19.3 28.9#

