

Data File : BN003791.D
Acq On : 10 Dec 2018 22:59
Operator : JU/SJ
Sample : J6077-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y01

Quant Time: Dec 11 04:26:37 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 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	6152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24686	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1609873	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	34	0.40	ng/ul	0.12
20) Perylene-d12	23.96	264	232	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10169	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

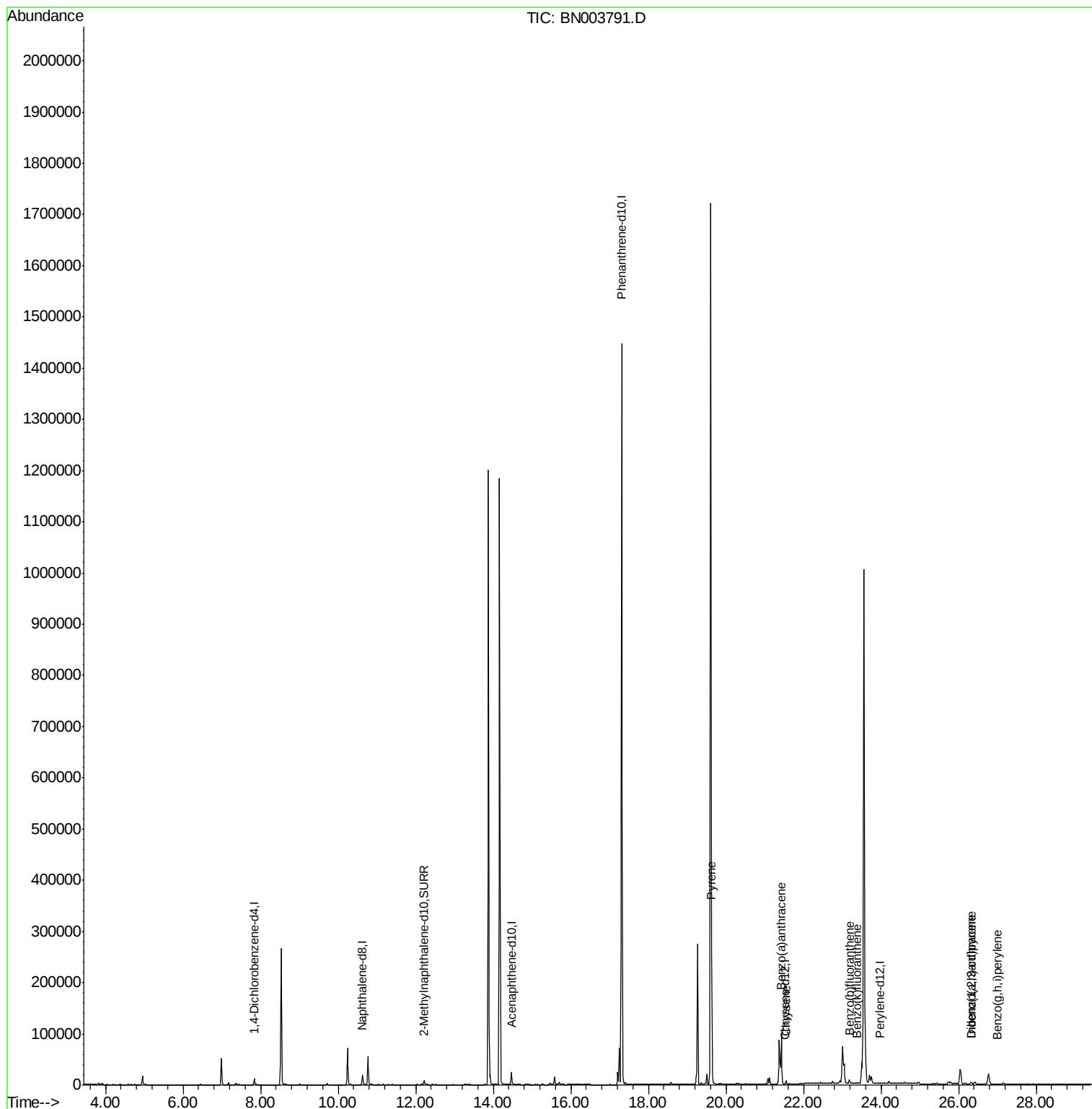
Target Compounds				Qvalue		
17) Pyrene	19.63	202	194286	1593.235	ng/ul	99
18) Benzo(a)anthracene	21.43	228	99433	925.923	ng/ul	94
19) Chrysene	21.55	228	5258	42.785	ng/ul#	54
21) Benzo(b)fluoranthene	23.18	252	9322	9.714	ng/ul#	64
22) Benzo(k)fluoranthene	23.38	252	885	0.947	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.32	276	1412	1.482	ng/ul#	30
25) Dibenzo(a,h)anthracene	26.32	278	5584	7.280	ng/ul#	73
26) Benzo(g,h,i)perylene	27.00	276	386	0.466	ng/ul#	1

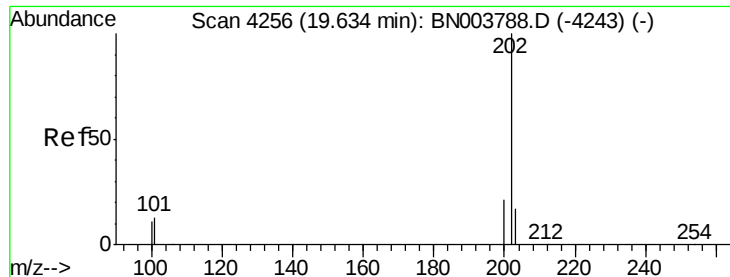
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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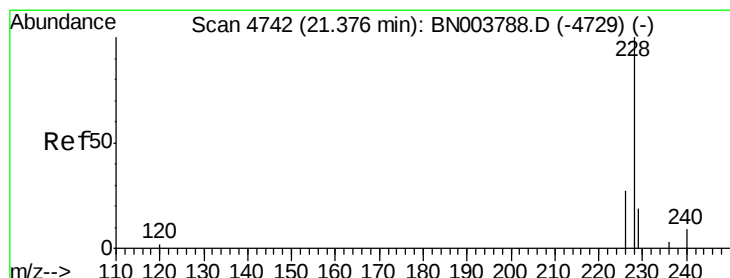
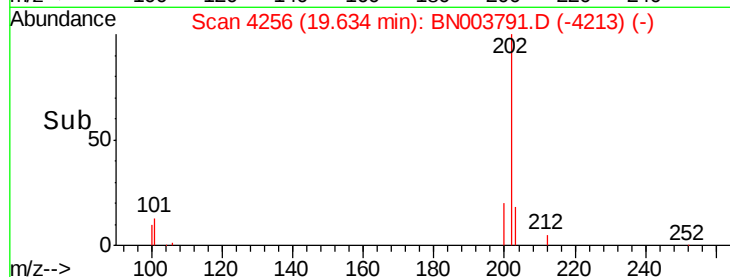
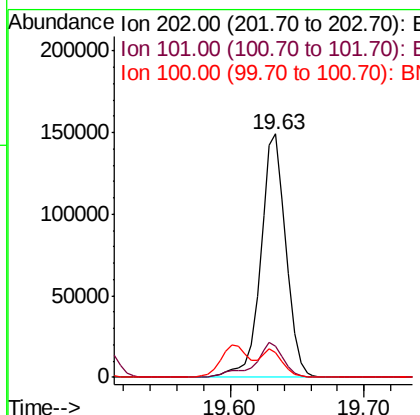
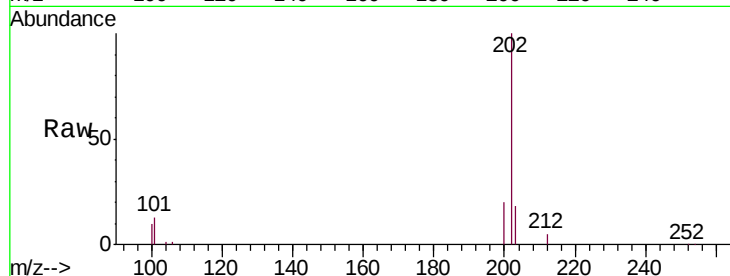




#17
 Pyrene
 Concen: 1593.235 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003791.D
 Acq: 10 Dec 2018 22:59

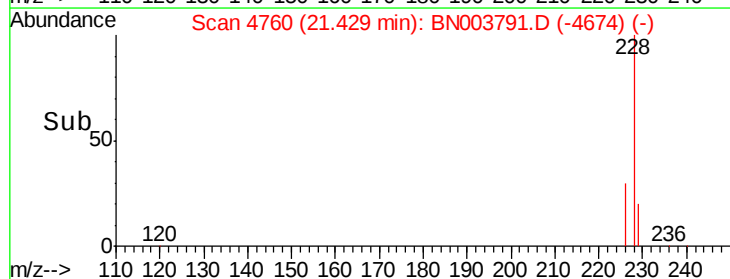
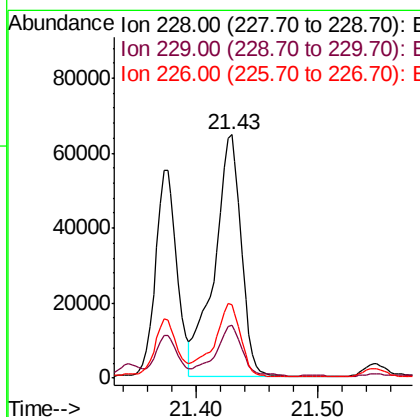
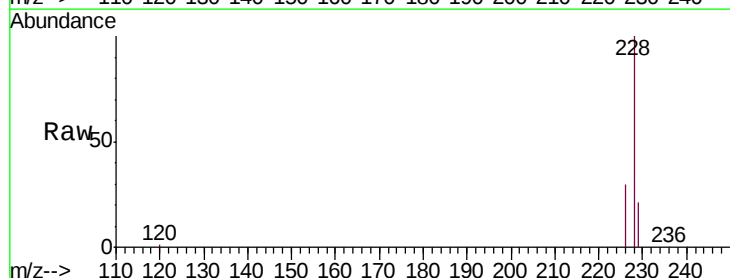
Instrument :
 BNA_N
 ClientSampleId :
 F9Y01

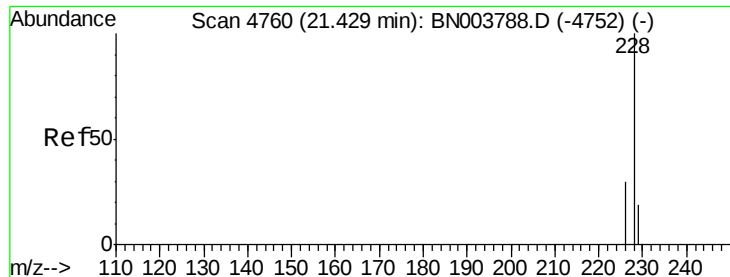
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.3	15.5
100	10.1	8.5	12.7



#18
 Benzo(a)anthracene
 Concen: 925.923 ng/ul
 RT: 21.43 min Scan# 4760
 Delta R.T. 0.05 min
 Lab File: BN003791.D
 Acq: 10 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	30.1	21.1	31.7





#19

Chrysene

Concen: 42.785 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.12 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

ClientSampleId :

F9Y01

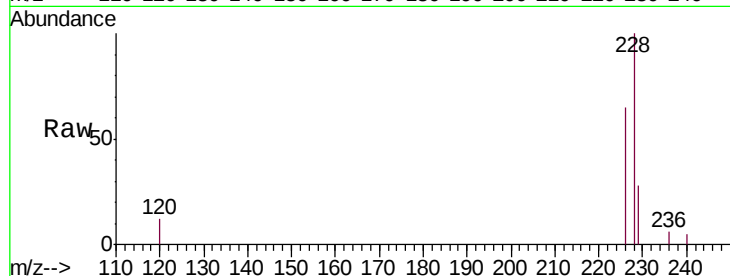
Tgt Ion:228 Resp: 5258

Ion Ratio Lower Upper

228 100

226 64.8 24.0 36.0#

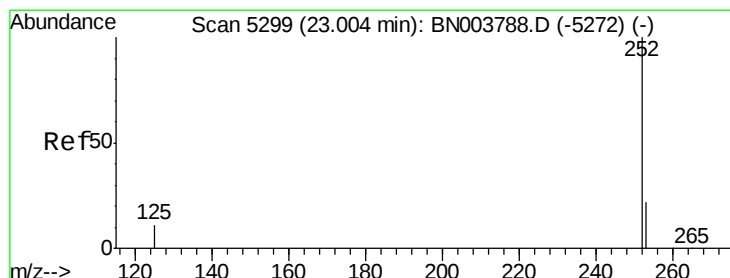
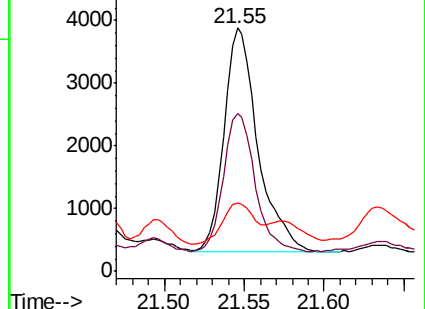
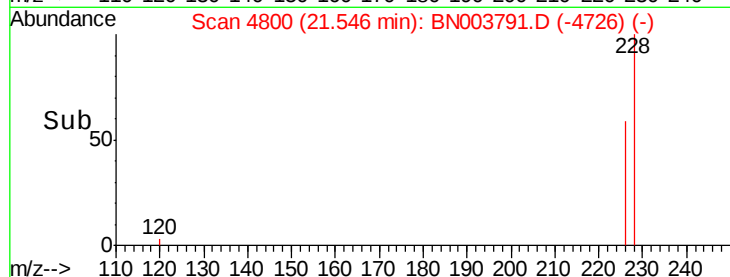
229 28.2 15.7 23.5#



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: 9.714 ng/ul

RT: 23.18 min Scan# 5359

Delta R.T. 0.18 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

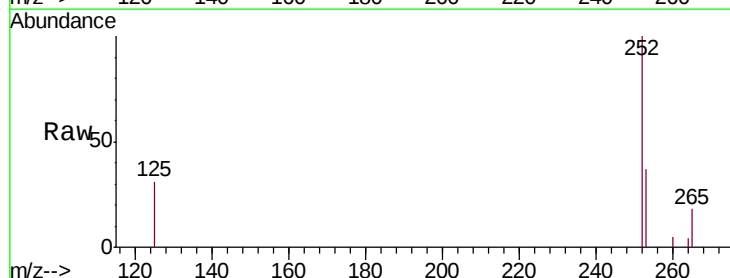
Tgt Ion:252 Resp: 9322

Ion Ratio Lower Upper

252 100

253 37.0 0.0 46.0

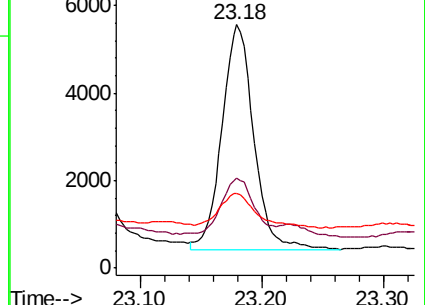
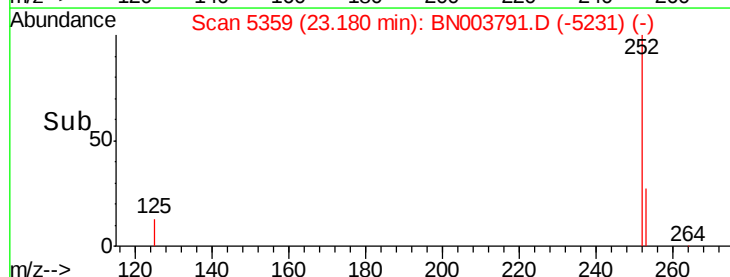
125 30.5 0.0 22.4#

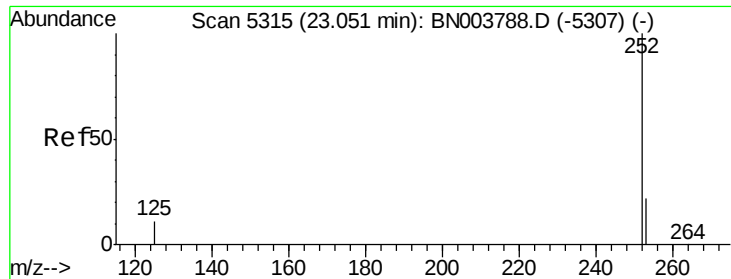


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.947 ng/u1

RT: 23.38 min Scan# 5429

Delta R.T. 0.33 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

ClientSampleId :

F9Y01

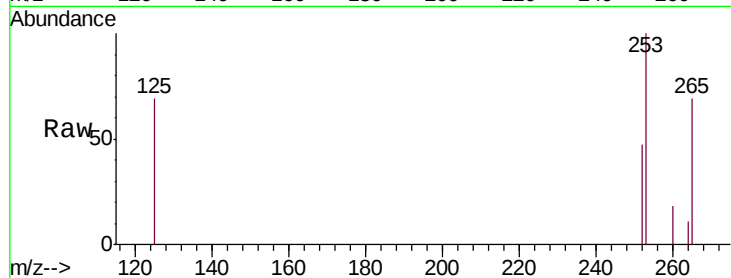
Tgt Ion:252 Resp: 885

Ion Ratio Lower Upper

252 100

253 214.4 18.5 27.7#

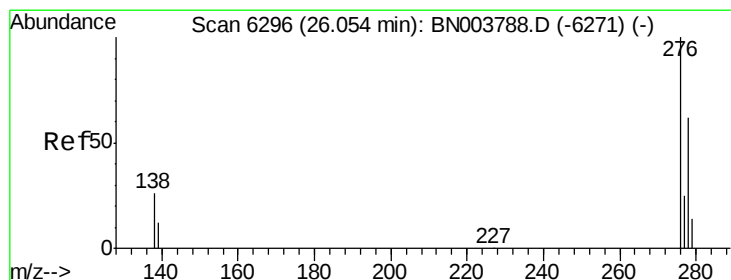
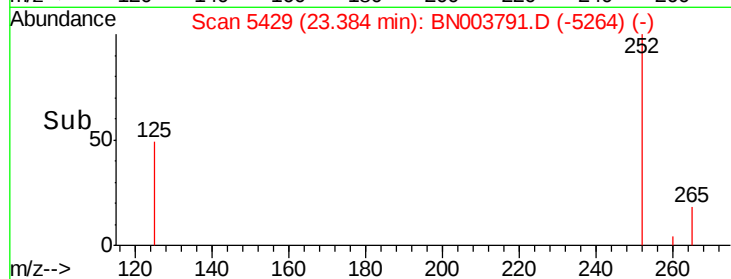
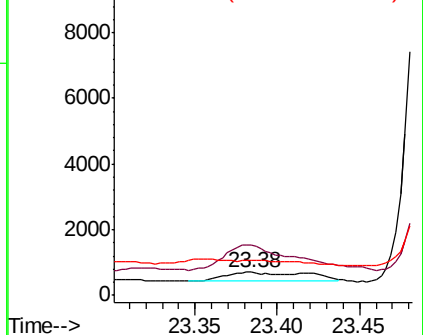
125 148.7 9.0 13.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.482 ng/u1

RT: 26.32 min Scan# 6376

Delta R.T. 0.27 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

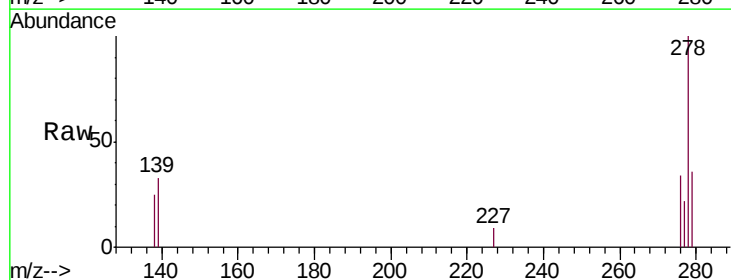
Tgt Ion:276 Resp: 1412

Ion Ratio Lower Upper

276 100

138 61.1 20.3 30.5#

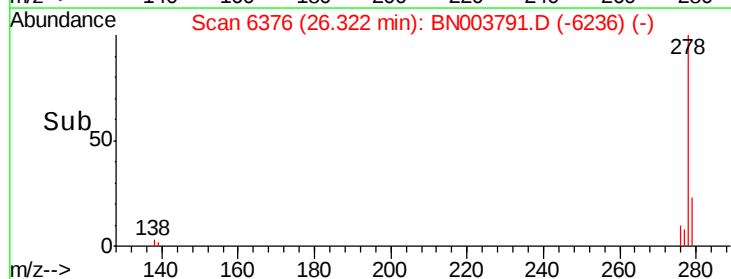
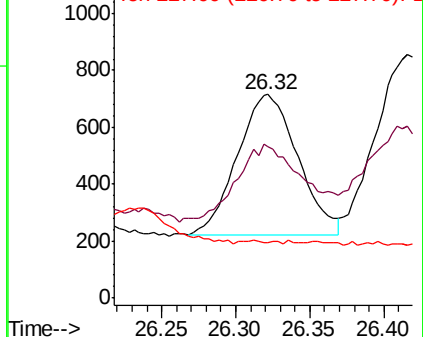
227 0.0 0.2 0.2#

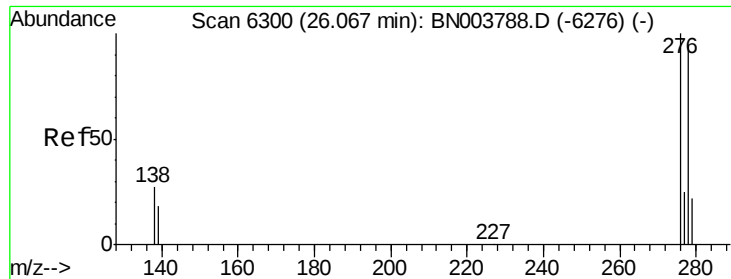


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 7.280 ng/u1

RT: 26.32 min Scan# 6376

Delta R.T. 0.25 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

Instrument :

BNA_N

ClientSampleId :

F9Y01

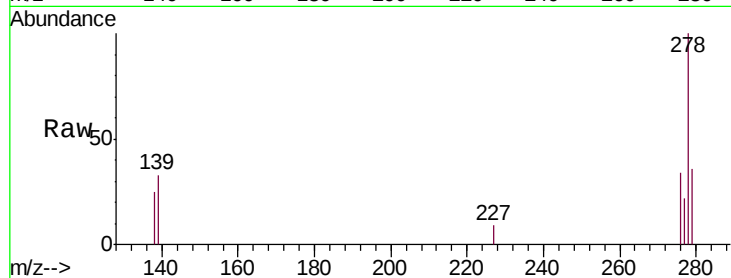
Tgt Ion:278 Resp: 5584

Ion Ratio Lower Upper

278 100

139 33.0 14.2 21.4#

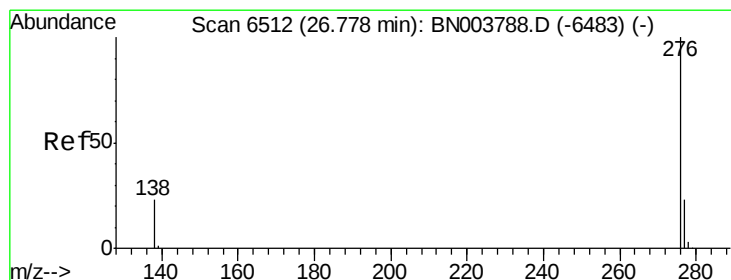
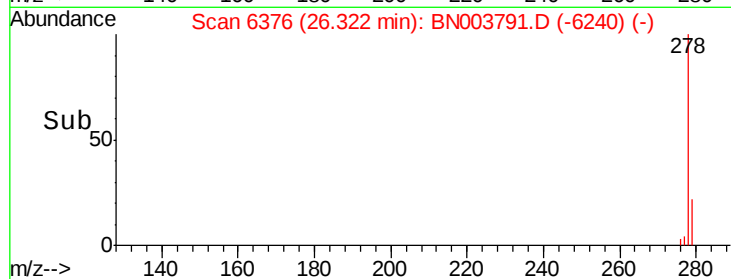
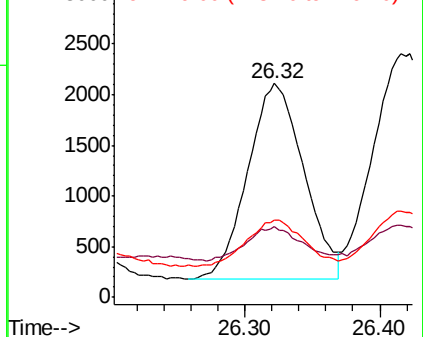
279 35.9 19.8 29.6#



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: 0.466 ng/u1

RT: 27.00 min Scan# 6578

Delta R.T. 0.22 min

Lab File: BN003791.D

Acq: 10 Dec 2018 22:59

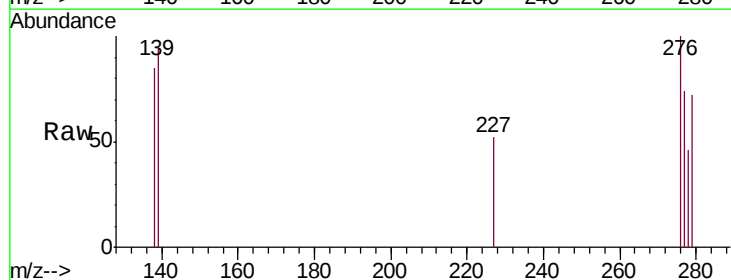
Tgt Ion:276 Resp: 386

Ion Ratio Lower Upper

276 100

138 85.1 17.7 26.5#

277 73.6 19.3 28.9#



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

