

Data File : BN003417.D
Acq On : 02 Nov 2018 23:23
Operator : MJ/SJ
Sample : J5701-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40E2

Quant Time: Nov 03 01:21:32 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 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	45728	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25945	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.33	188	2436693	0.40	ng/ul	0.10
16) Chrysene-d12	21.55	240	1199	0.40	ng/ul	0.14
20) Perylene-d12	23.96	264	28	0.40	ng/ul	0.24

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	17224	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	480	0.00	ng/ul	0.09

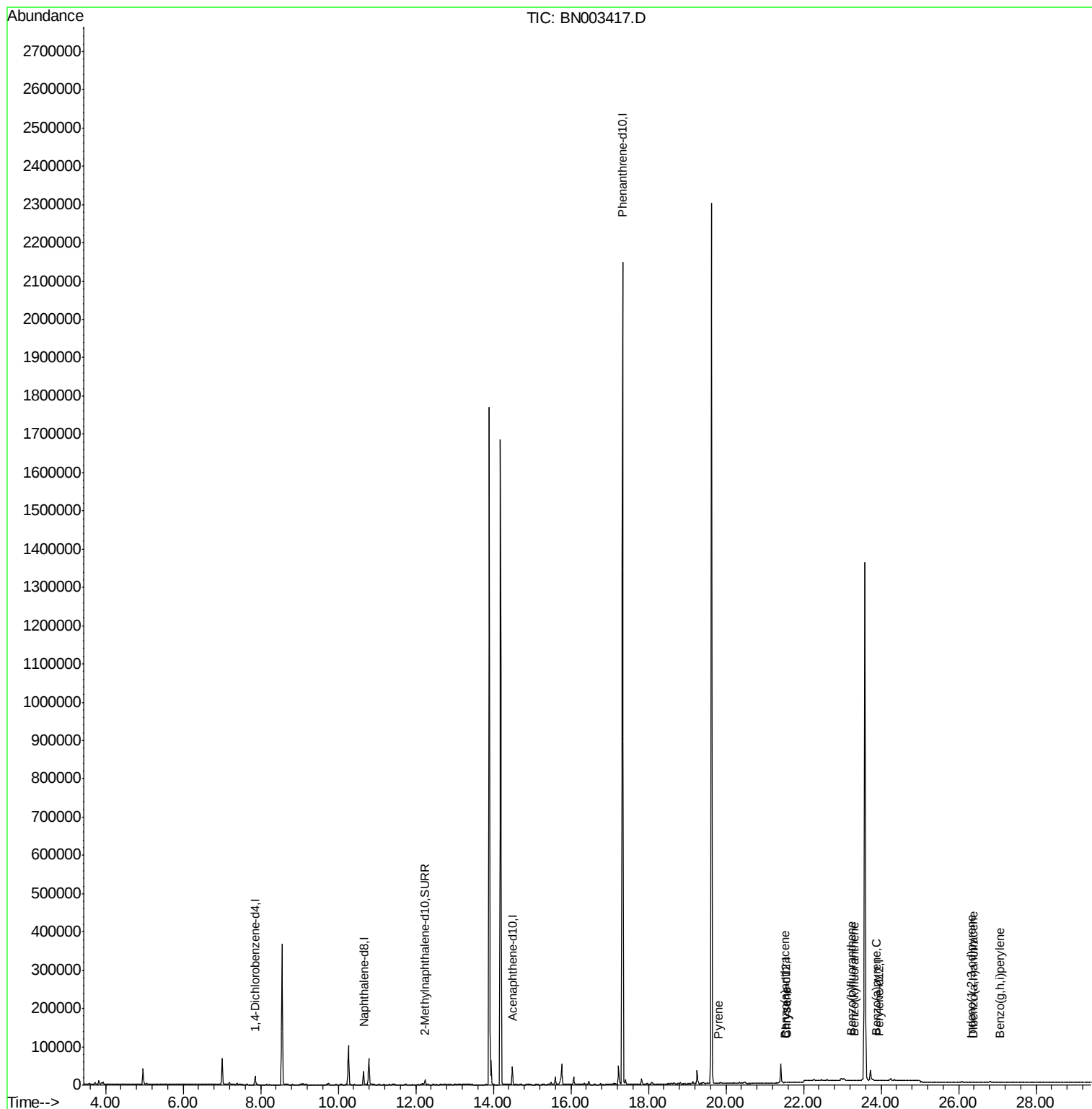
Target Compounds				Qvalue		
17) Pyrene	19.81	202	341	0.078	ng/ul#	28
18) Benzo(a)anthracene	21.53	228	250	0.067	ng/ul#	1
19) Chrysene	21.57	228	536	0.125	ng/ul#	1
21) Benzo(b)fluoranthene	23.24	252	79	0.655	ng/ul#	1
22) Benzo(k)fluoranthene	23.29	252	29	0.248	ng/ul#	1
23) Benzo(a)pyrene	23.88	252	353	3.504	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.34	276	247	2.290	ng/ul#	67
25) Dibenzo(a,h)anthracene	26.37	278	321	3.651	ng/ul#	1
26) Benzo(g,h,i)perylene	27.08	276	86	0.930	ng/ul#	1

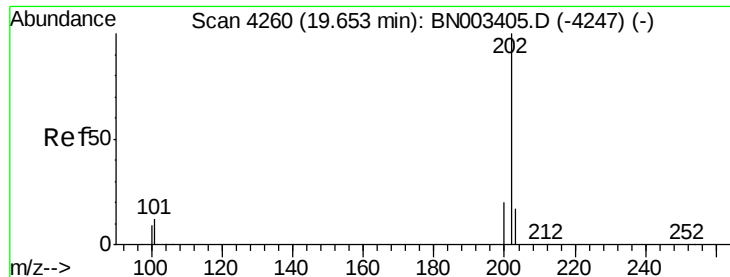
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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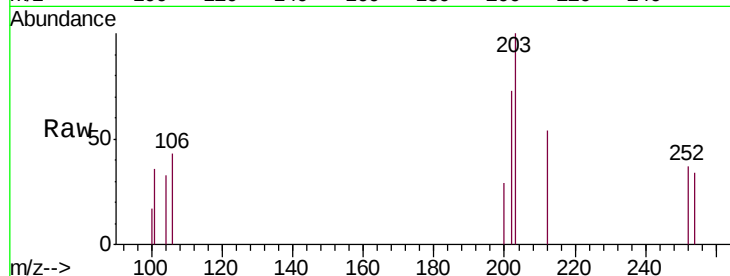




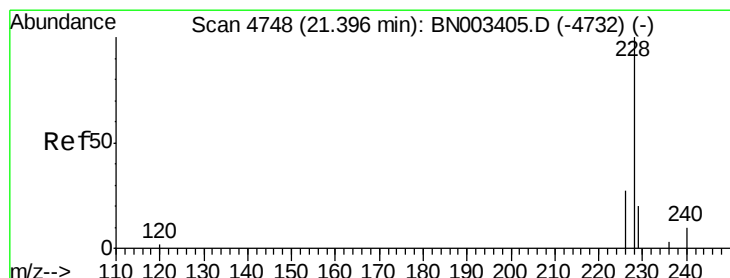
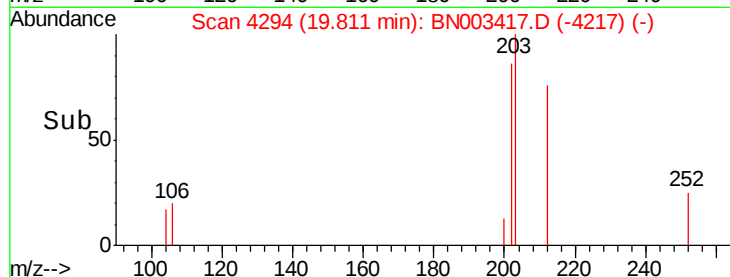
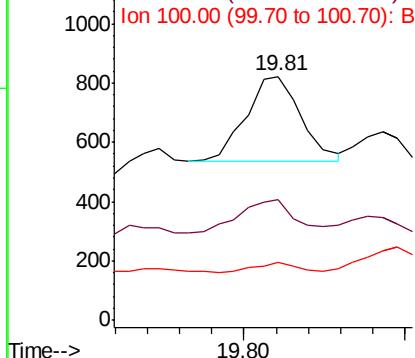
#17
 Pyrene
 Concen: 0.078 ng/ul
 RT: 19.81 min Scan# 4294
 Delta R.T. 0.16 min
 Lab File: BN003417.D
 Acq: 02 Nov 2018 23:23

Instrument :
 BNA_N
 ClientSampled :
 A40E2

Tgt Ion:202 Resp: 341
 Ion Ratio Lower Upper
 202 100
 101 49.5 9.5 14.3#
 100 23.9 7.5 11.3#

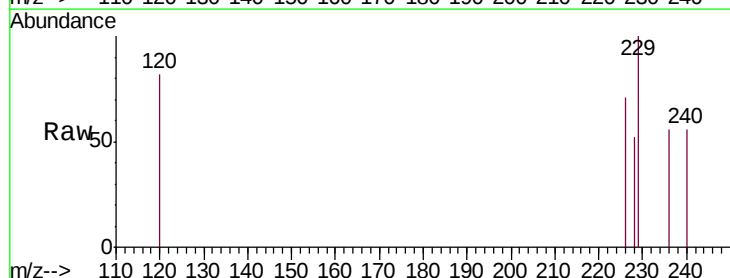


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

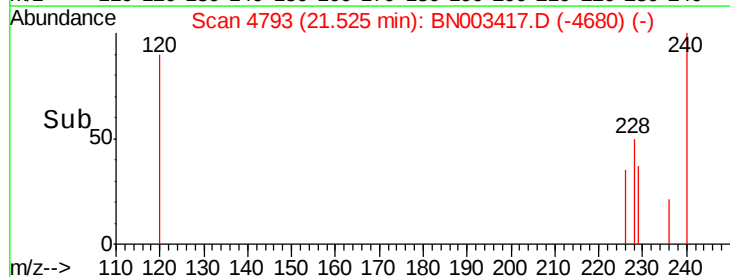
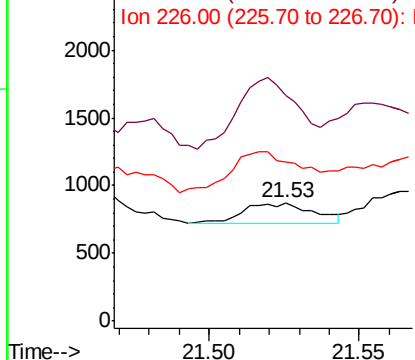


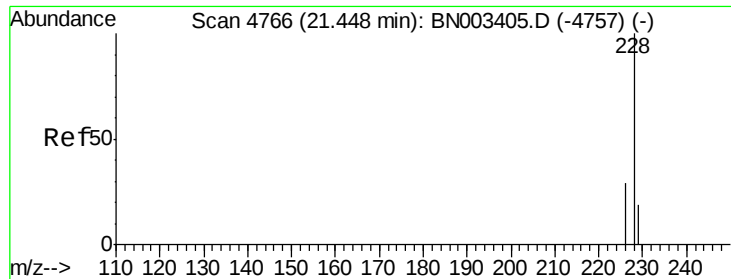
#18
 Benzo(a)anthracene
 Concen: 0.067 ng/ul
 RT: 21.53 min Scan# 4793
 Delta R.T. 0.13 min
 Lab File: BN003417.D
 Acq: 02 Nov 2018 23:23

Tgt Ion:228 Resp: 250
 Ion Ratio Lower Upper
 228 100
 229 190.6 15.5 23.3#
 226 134.5 21.5 32.3#



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: 0.125 ng/ul

RT: 21.57 min Scan# 4808

Delta R.T. 0.12 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

Instrument :

BNA_N

ClientSampleId :

A40E2

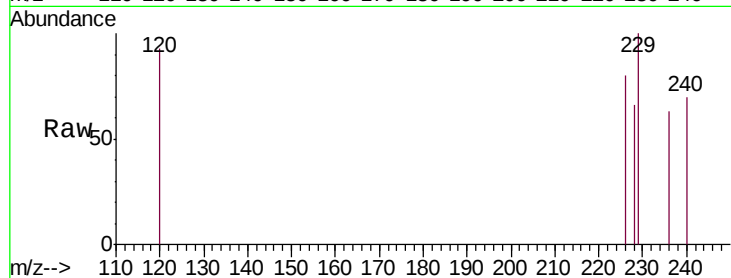
Tgt Ion:228 Resp: 536

Ion Ratio Lower Upper

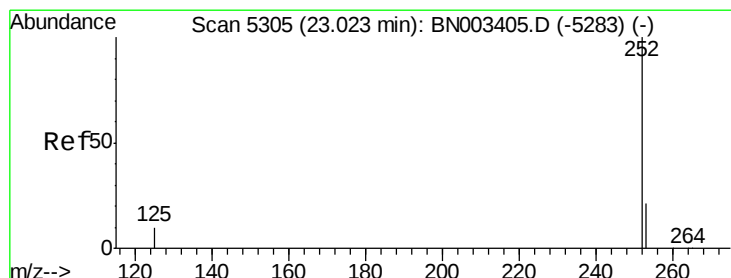
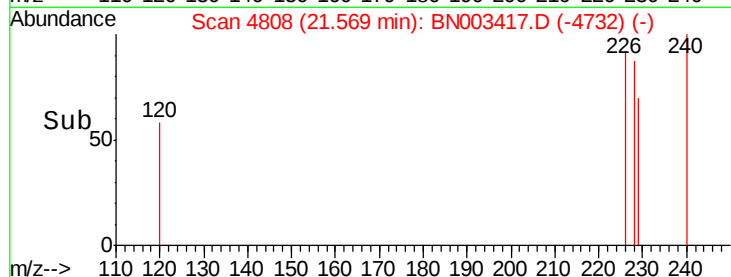
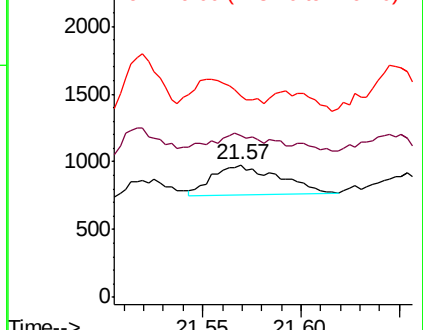
228 100

226 122.5 23.8 35.6#

229 152.5 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: 0.655 ng/ul

RT: 23.24 min Scan# 5379

Delta R.T. 0.21 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

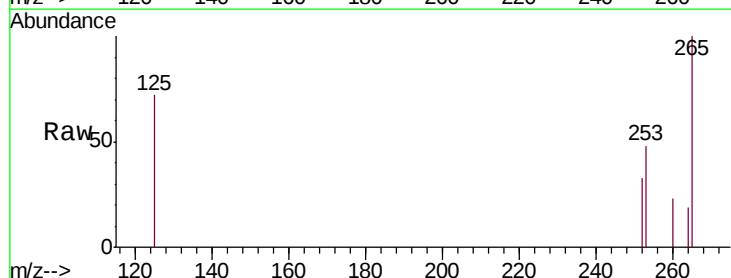
Tgt Ion:252 Resp: 79

Ion Ratio Lower Upper

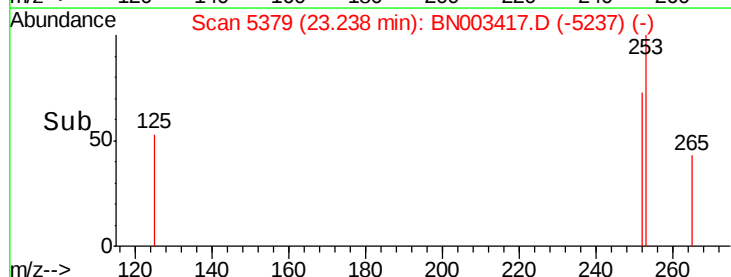
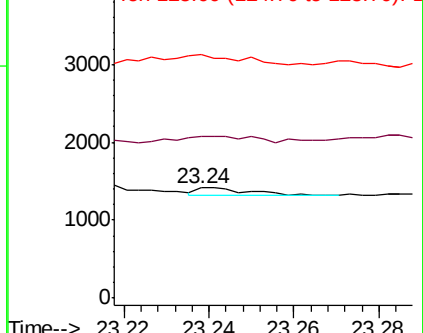
252 100

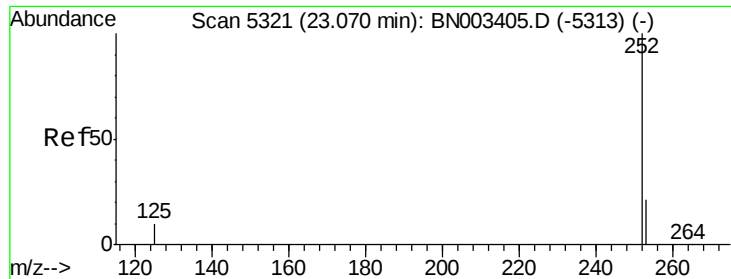
253 147.1 0.0 45.6#

125 220.9 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: 0.248 ng/ul

RT: 23.29 min Scan# 5397

Delta R.T. 0.22 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

Instrument :

BNA_N

ClientSampleId :

A40E2

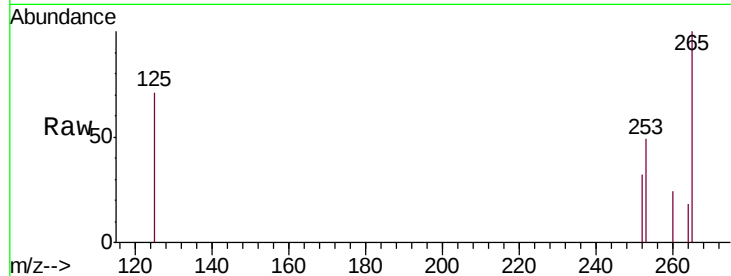
Tgt Ion:252 Resp: 29

Ion Ratio Lower Upper

252 100

253 152.1 18.2 27.4#

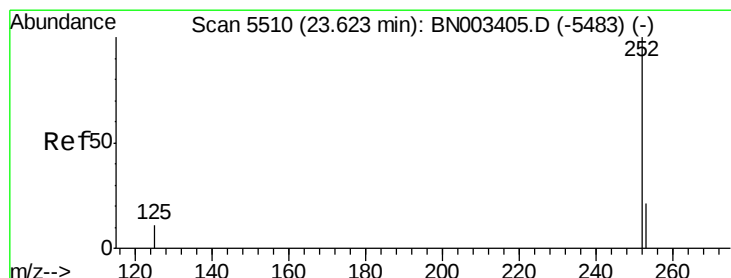
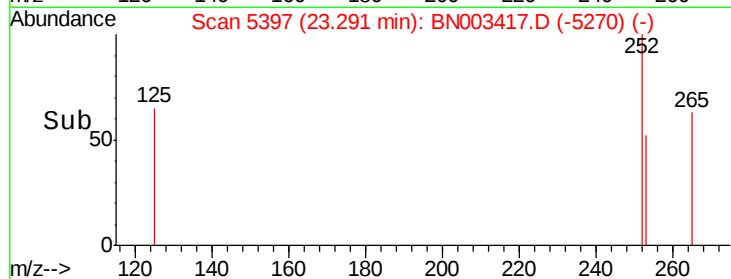
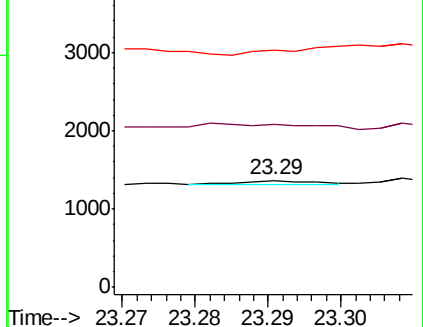
125 222.1 8.6 13.0#



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: 3.504 ng/ul

RT: 23.88 min Scan# 5598

Delta R.T. 0.26 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

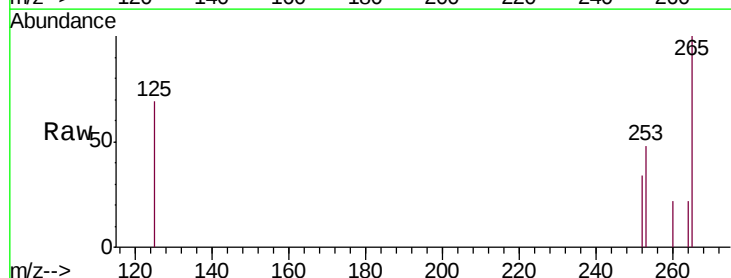
Tgt Ion:252 Resp: 353

Ion Ratio Lower Upper

252 100

253 141.2 18.5 27.7#

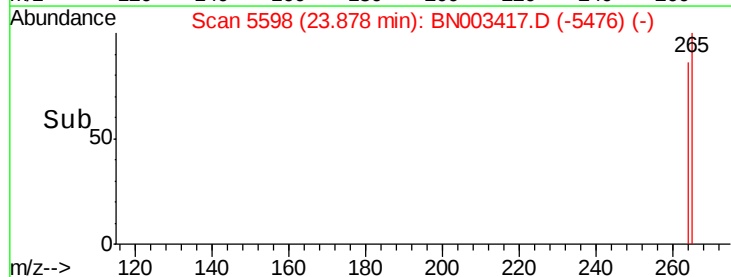
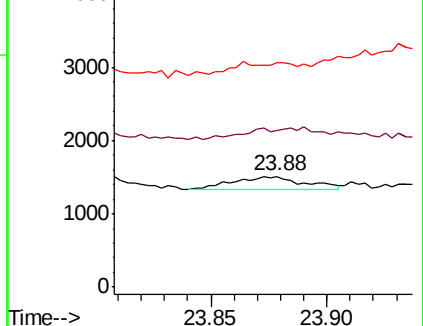
125 202.9 9.9 14.9#

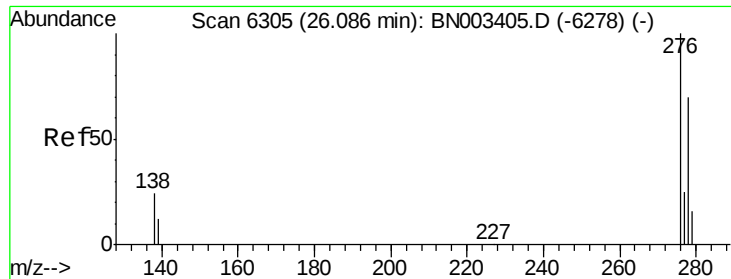


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.290 ng/ul

RT: 26.34 min Scan# 6380

Delta R.T. 0.25 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

Instrument :

BNA_N

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A40E2

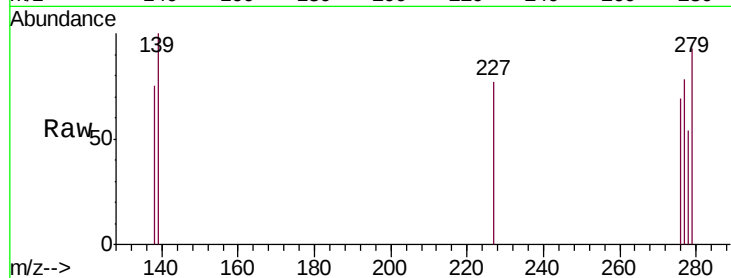
Tgt Ion:276 Resp: 247

Ion Ratio Lower Upper

276 100

138 41.3 19.8 29.8#

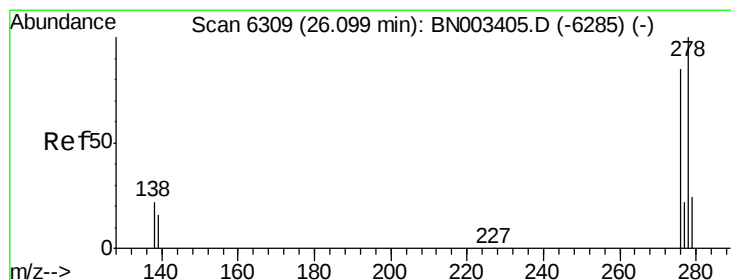
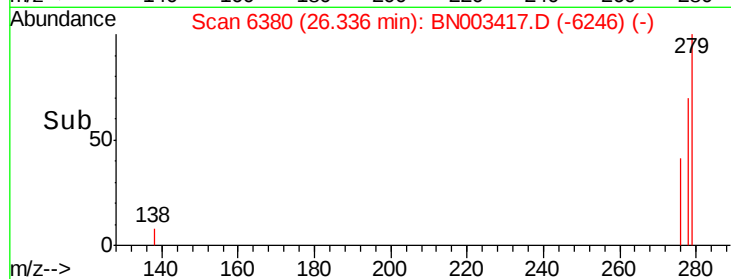
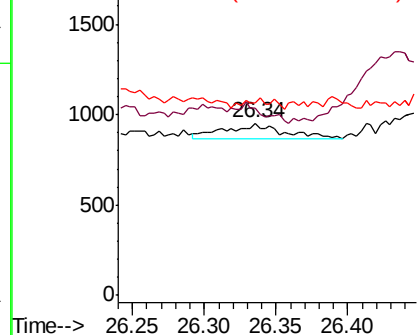
227 17.8 0.2 0.2#



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: 3.651 ng/ul

RT: 26.37 min Scan# 6390

Delta R.T. 0.27 min

Lab File: BN003417.D

Acq: 02 Nov 2018 23:23

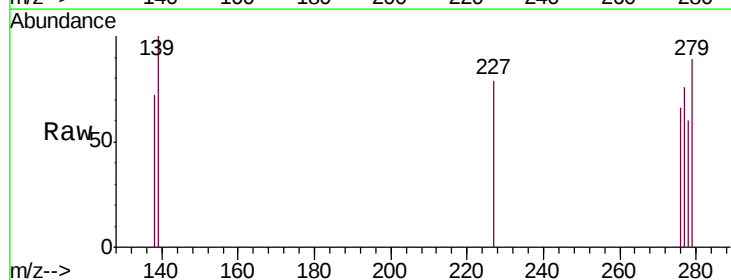
Tgt Ion:278 Resp: 321

Ion Ratio Lower Upper

278 100

139 165.6 13.1 19.7#

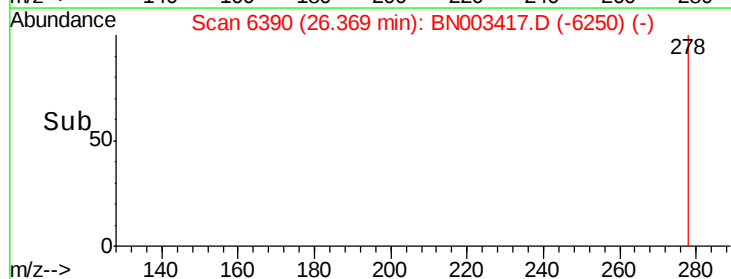
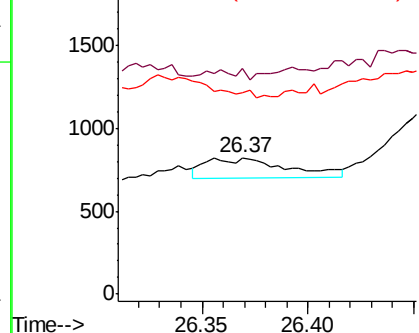
279 148.1 19.5 29.3#

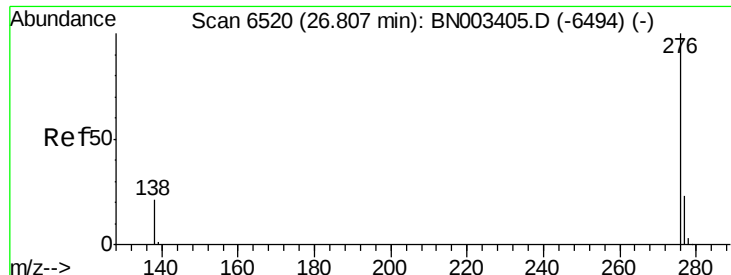


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.930 ng/ul

RT: 27.08 min Scan# 6601

Delta R.T. 0.27 min

Lab File: BN003417.D

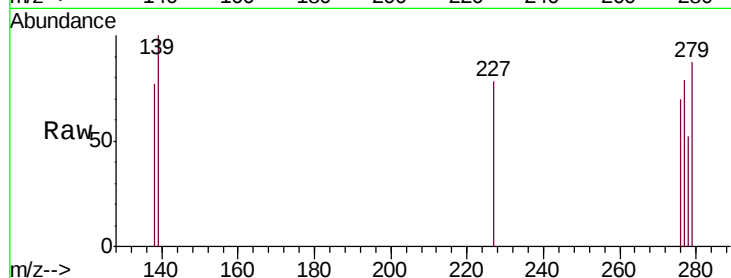
Acq: 02 Nov 2018 23:23

Instrument :

BNA_N

ClientSampleId :

A40E2



Tgt Ion: 276 Resp: 86

Ion Ratio Lower Upper

276 100

138 111.2 17.0 25.6#

277 113.5 19.2 28.8#

