

Data File : BN004080.D
Acq On : 18 Dec 2018 17:18
Operator : JU/SJ
Sample : J6271-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E81

Quant Time: Dec 19 01:58:29 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 : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration

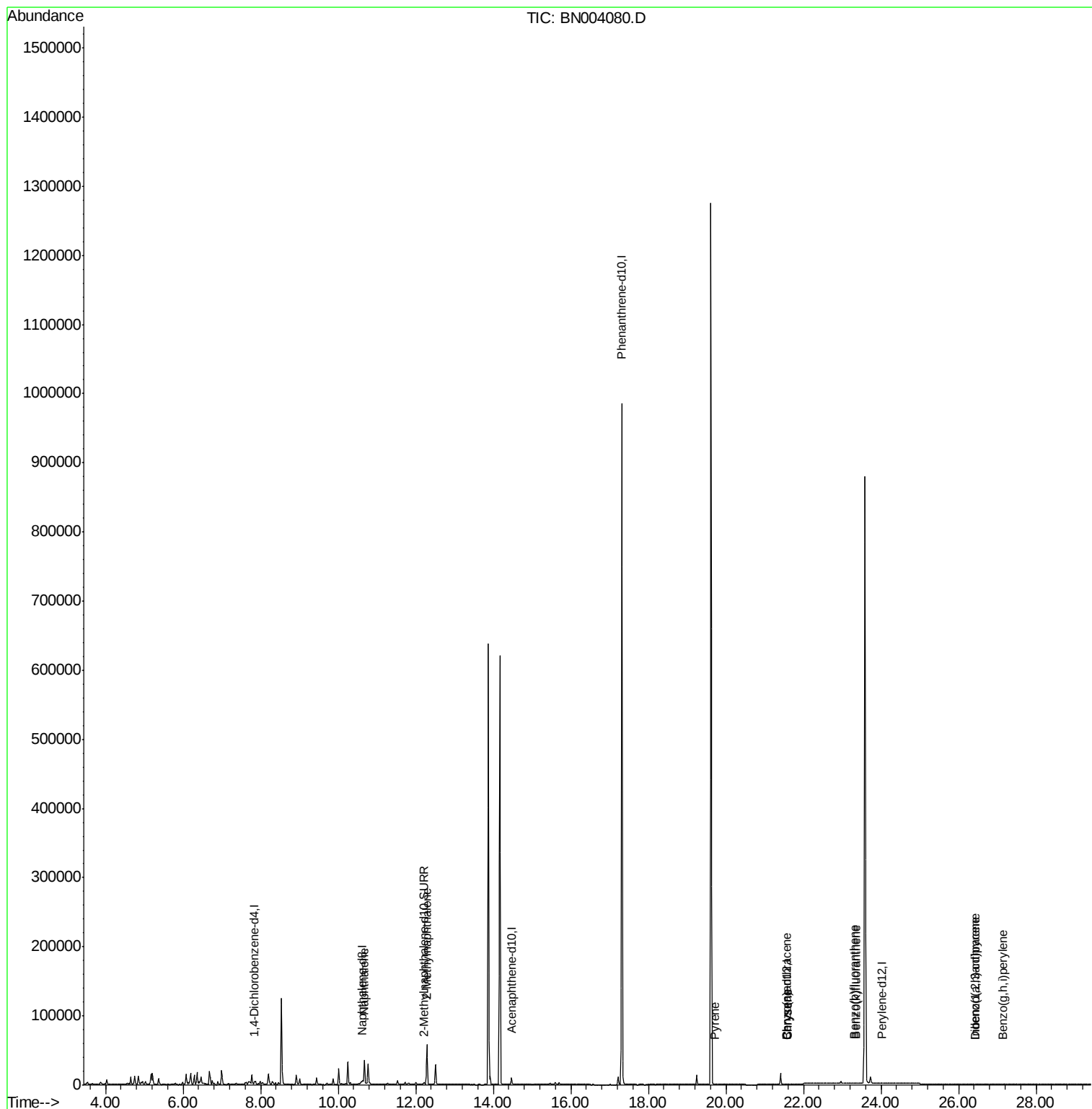
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1531	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5224	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	1099597	0.40	ng/ul	0.10
16) Chrysene-d12	21.56	240	24	0.40	ng/ul	0.15
20) Perylene-d12	24.03	264	31	0.40	ng/ul	0.30
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4510	0.38	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	49286	2.260	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	41588	2.731	ng/ul	100
17) Pyrene	19.71	202	103	1.197	ng/ul#	1
18) Benzo(a)anthracene	21.56	228	13	0.171	ng/ul#	1
19) Chrysene	21.59	228	11	0.127	ng/ul#	1
21) Benzo(b)fluoranthene	23.31	252	5	0.039	ng/ul#	1
22) Benzo(k)fluoranthene	23.35	252	12	0.096	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.42	276	10	0.079	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.42	278	5	0.049	ng/ul#	1
26) Benzo(g,h,i)perylene	27.16	276	3	0.027	ng/ul#	1

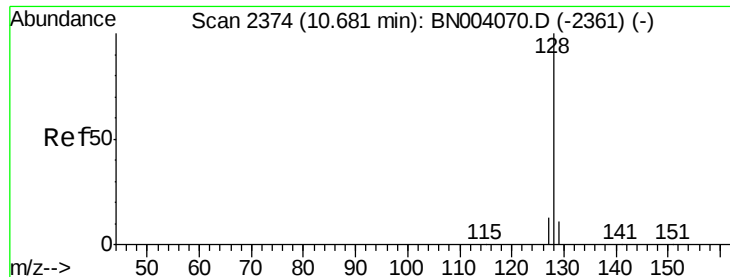
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.260 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN004080.D

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BNA_N

ClientSampleId :

F9E81

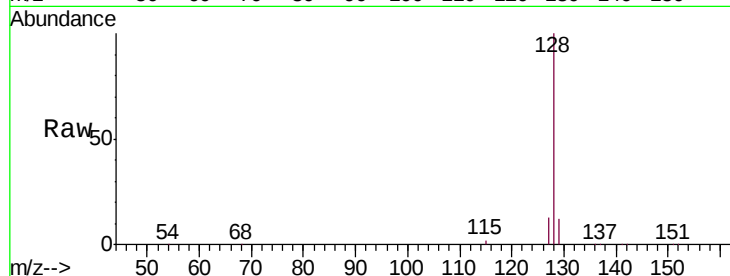
Tgt Ion:128 Resp: 49286

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

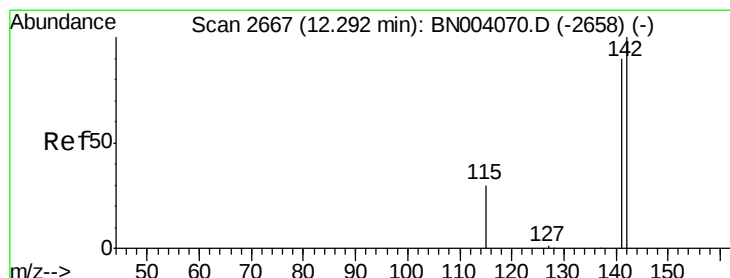
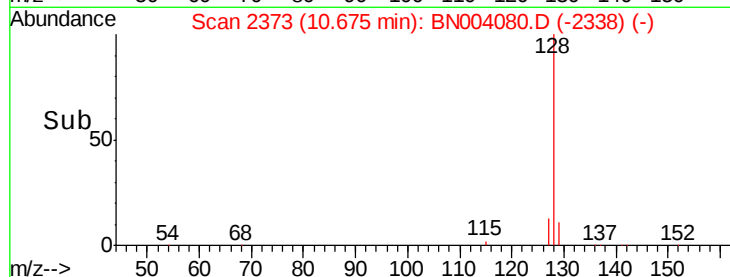
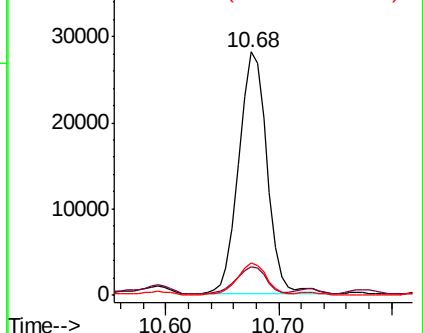
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 2.731 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004080.D

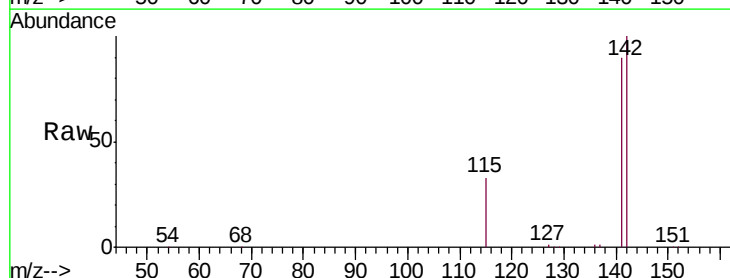
Acq: 18 Dec 2018 17:18

Tgt Ion:142 Resp: 41588

Ion Ratio Lower Upper

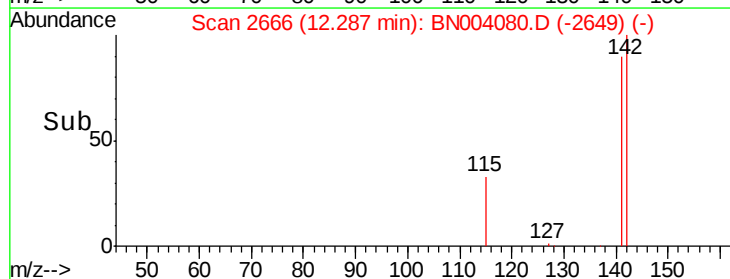
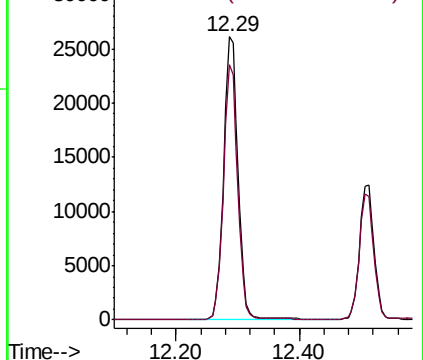
142 100

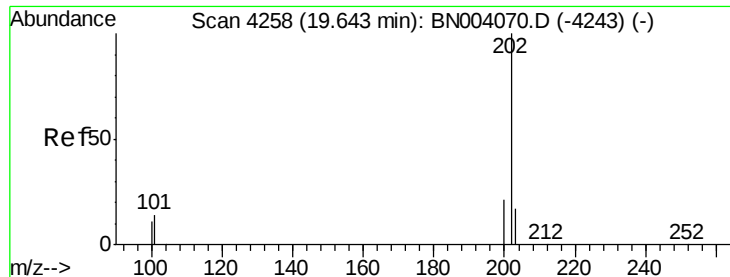
141 89.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

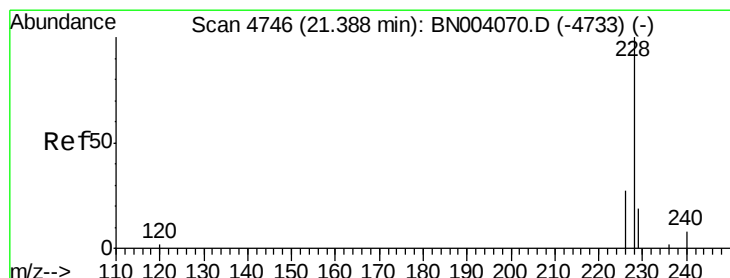
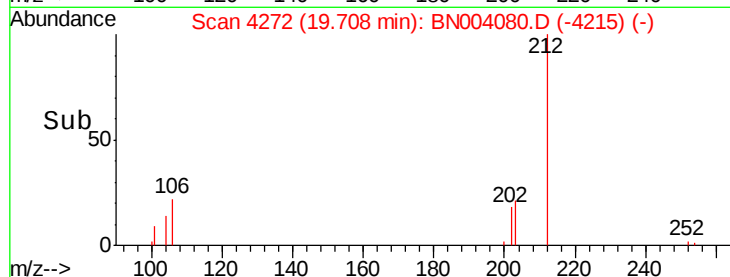
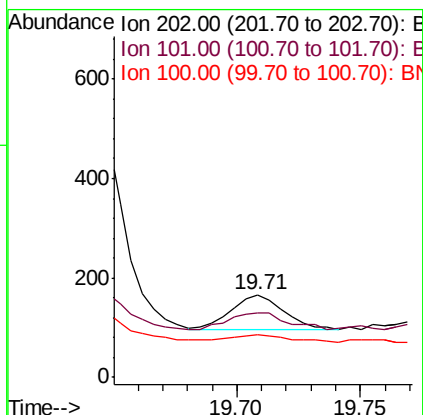
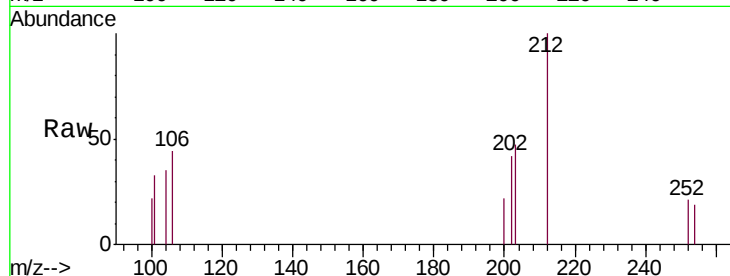




#17
 Pyrene
 Concen: 1.197 ng/ul
 RT: 19.71 min Scan# 4272
 Delta R.T. 0.07 min
 Lab File: BN004080.D
 Acq: 18 Dec 2018 17:18

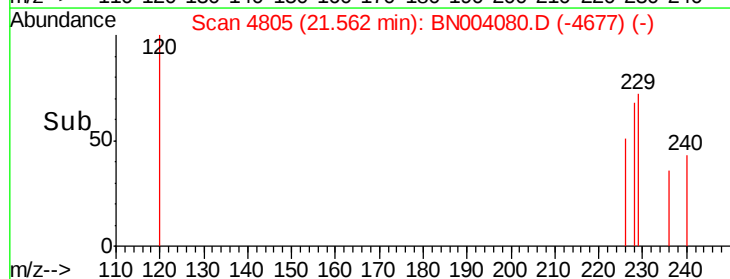
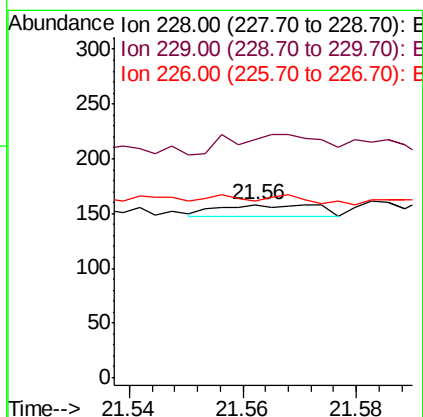
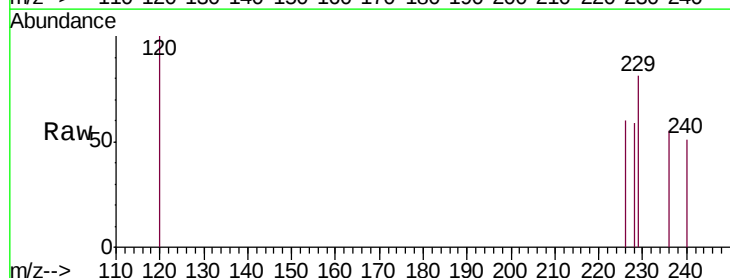
Instrument :
 BNA_N
 ClientSampleId :
 F9E81

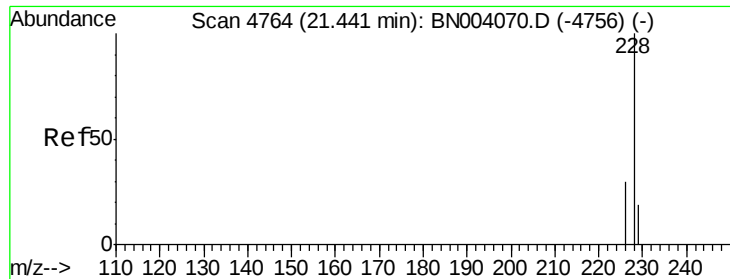
Tgt Ion:202 Resp: 103
 Ion Ratio Lower Upper
 202 100
 101 78.3 10.3 15.5#
 100 51.2 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 0.171 ng/ul
 RT: 21.56 min Scan# 4805
 Delta R.T. 0.17 min
 Lab File: BN004080.D
 Acq: 18 Dec 2018 17:18

Tgt Ion:228 Resp: 13
 Ion Ratio Lower Upper
 228 100
 229 137.3 15.6 23.4#
 226 101.9 21.1 31.7#





#19

Chrysene

Concen: 0.127 ng/ul

RT: 21.59 min Scan# 4815

Delta R.T. 0.15 min

Lab File: BN004080.D

Acq: 18 Dec 2018 17:18

Instrument :

BNA_N

ClientSampleId :

F9E81

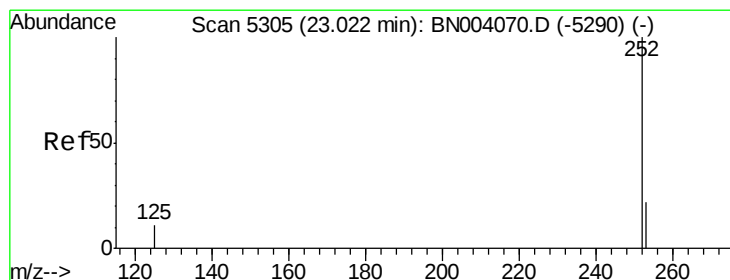
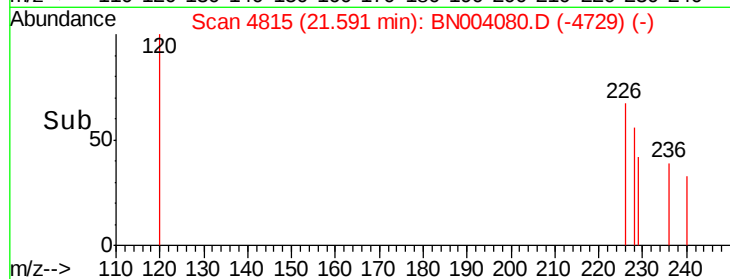
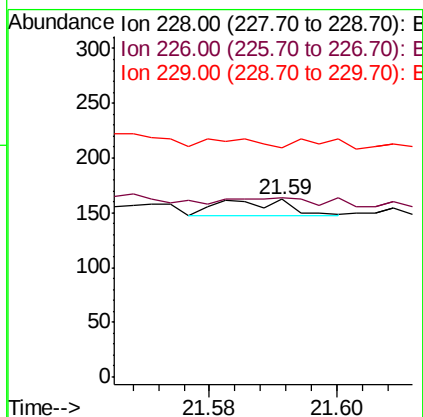
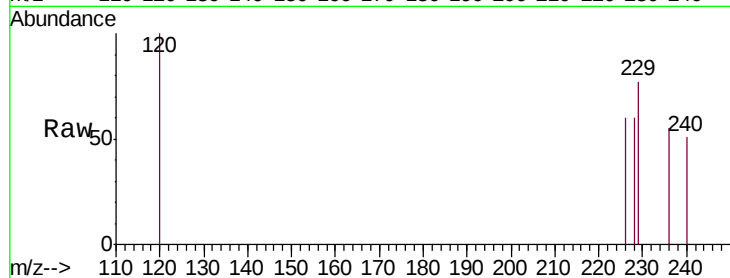
Tgt Ion:228 Resp: 11

Ion Ratio Lower Upper

228 100

226 101.2 24.0 36.0#

229 129.0 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.039 ng/ul

RT: 23.31 min Scan# 5402

Delta R.T. 0.29 min

Lab File: BN004080.D

Acq: 18 Dec 2018 17:18

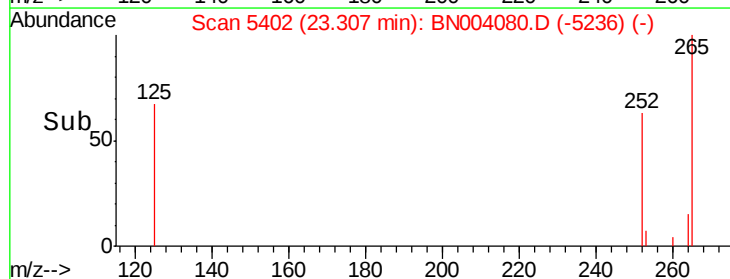
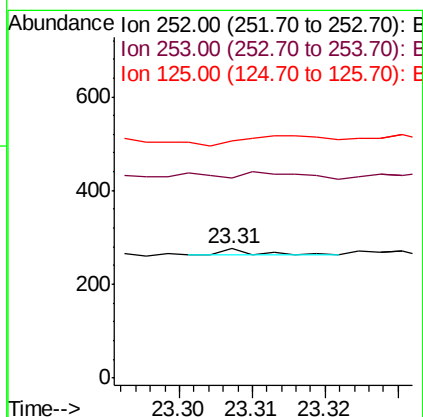
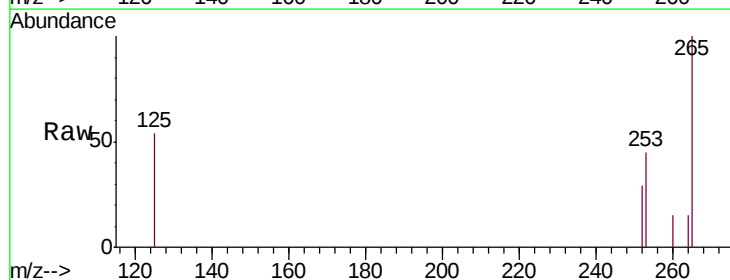
Tgt Ion:252 Resp: 5

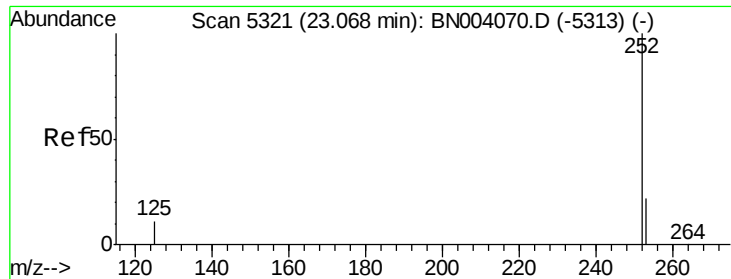
Ion Ratio Lower Upper

252 100

253 154.3 0.0 46.0#

125 183.7 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.096 ng/u1

RT: 23.35 min Scan# 5417

Delta R.T. 0.28 min

Lab File: BN004080.D

Acq: 18 Dec 2018 17:18

Instrument :

BNA_N

ClientSampleId :

F9E81

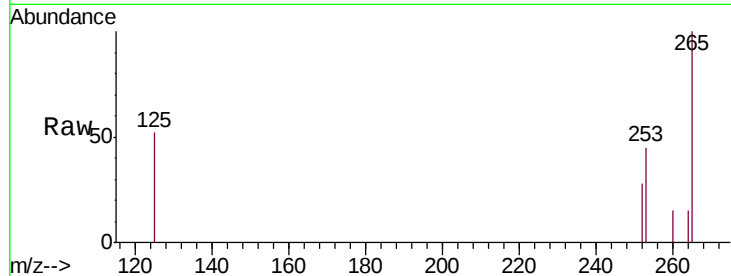
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 159.3 18.5 27.7#

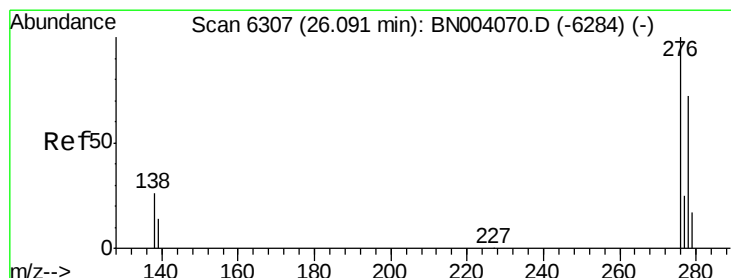
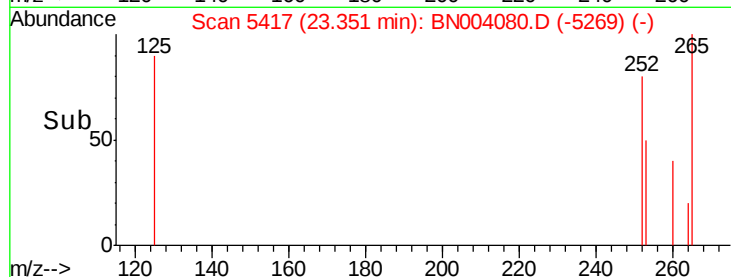
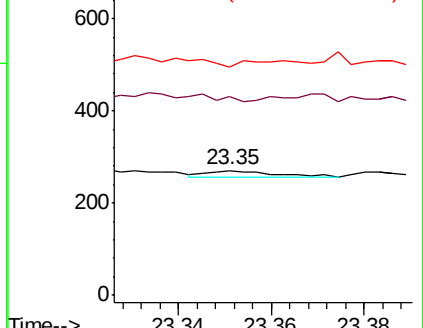
125 183.7 9.0 13.6#



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: 0.079 ng/u1

RT: 26.42 min Scan# 6406

Delta R.T. 0.33 min

Lab File: BN004080.D

Acq: 18 Dec 2018 17:18

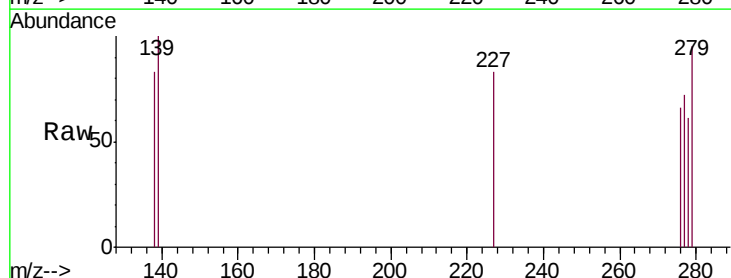
Tgt Ion:276 Resp: 10

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

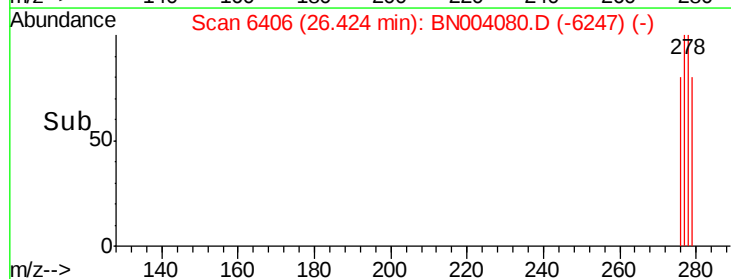
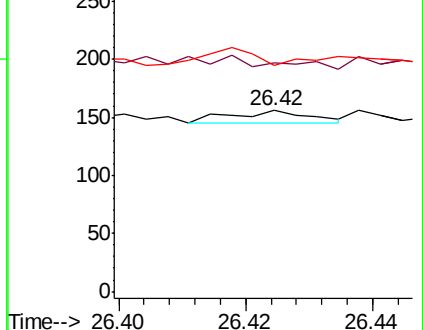
227 80.0 0.2 0.2#

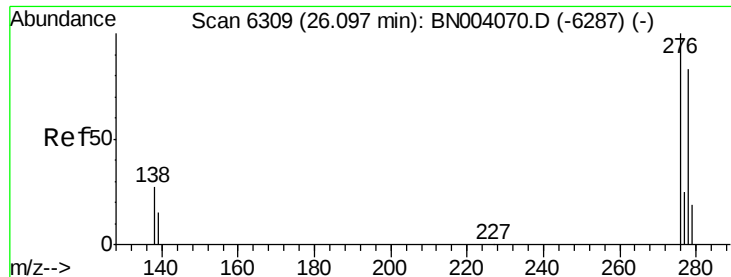


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

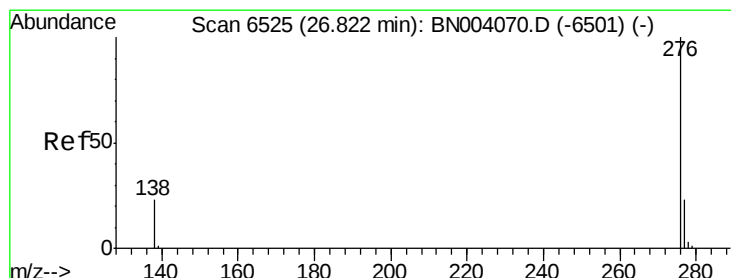
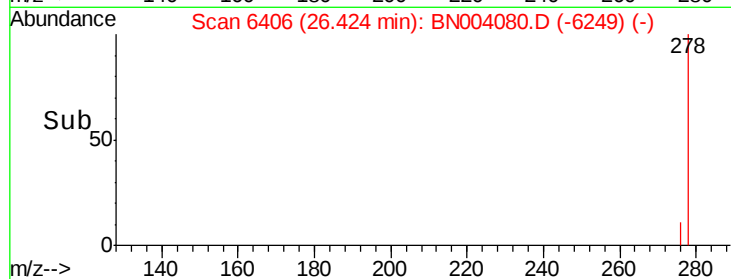
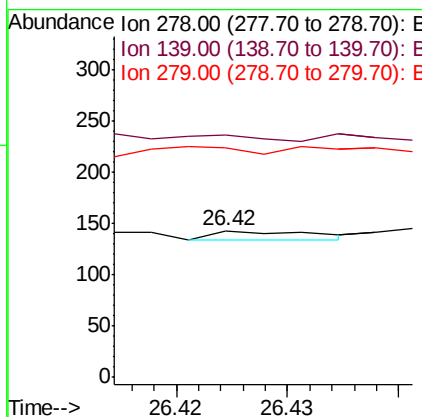
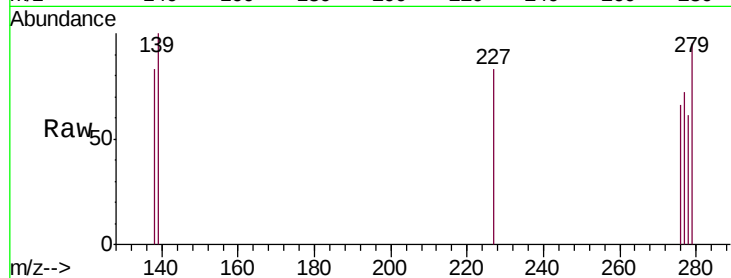




#25
Dibenzo(a,h)anthracene
Concen: 0.049 ng/u1
RT: 26.42 min Scan# 6406
Delta R.T. 0.33 min
Lab File: BN004080.D
Acq: 18 Dec 2018 17:18

Instrument :
BNA_N
ClientSampled :
F9E81

Tgt Ion: 278 Resp: 5
Ion Ratio Lower Upper
278 100
139 165.0 14.2 21.4#
279 156.6 19.8 29.6#



#26
Benzo(g,h,i)perylene
Concen: 0.027 ng/u1
RT: 27.16 min Scan# 6624
Delta R.T. 0.33 min
Lab File: BN004080.D
Acq: 18 Dec 2018 17:18

Tgt Ion: 276 Resp: 3
Ion Ratio Lower Upper
276 100
138 132.0 17.7 26.5#
277 113.1 19.3 28.9#

