

Data File : BN003978.D
Acq On : 16 Dec 2018 02:56
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y17

Quant Time: Dec 16 23:56:12 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

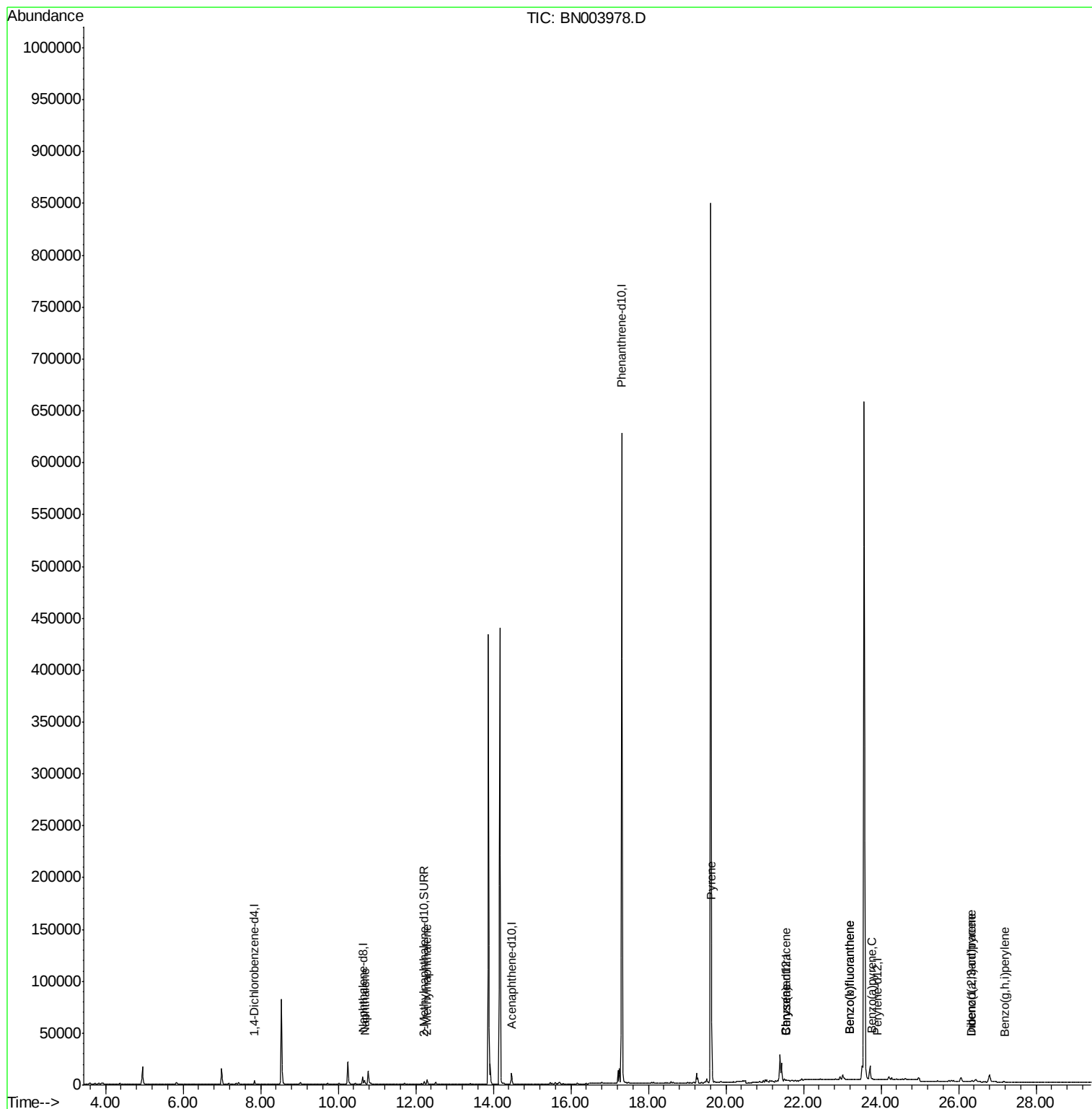
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1859	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9276	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5763	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	696697	0.40	ng/ul	0.10
16) Chrysene-d12	21.53	240	15	0.40	ng/ul	0.13
20) Perylene-d12	23.90	264	9	0.40	ng/ul	0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3276	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.68	128	5223	0.200	ng/ul#	95
5) 2-Methylnaphthalene	12.29	142	2924	0.161	ng/ul	98
17) Pyrene	19.63	202	23317	433.410	ng/ul#	94
18) Benzo(a)anthracene	21.55	228	962	20.305	ng/ul#	1
19) Chrysene	21.55	228	955	17.614	ng/ul#	1
21) Benzo(b)fluoranthene	23.18	252	543	14.585	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	543	14.971	ng/ul#	1
23) Benzo(a)pyrene	23.76	252	912	28.289	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.34	276	492	13.308	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.34	278	1734	58.276	ng/ul#	1
26) Benzo(g,h,i)perylene	27.18	276	308	9.586	ng/ul#	1

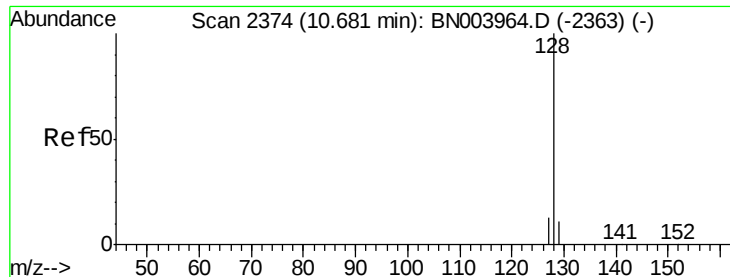
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 10:24:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
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QLast Update : Sat Dec 15 23:04:58 2018
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#3

Naphthalene

Concen: 0.200 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

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Acq: 16 Dec 2018 02:56

Instrument :

BNA_N

ClientSampleId :

F9Y17

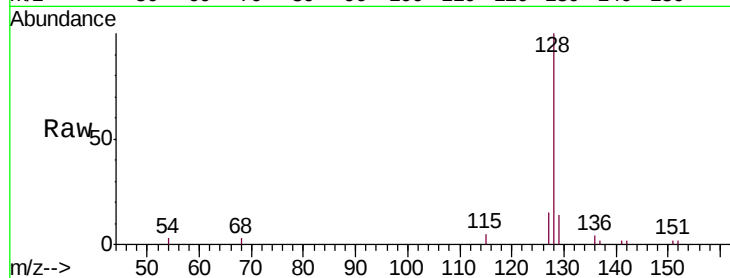
Tgt Ion:128 Resp: 5223

Ion Ratio Lower Upper

128 100

129 14.0 9.0 13.6#

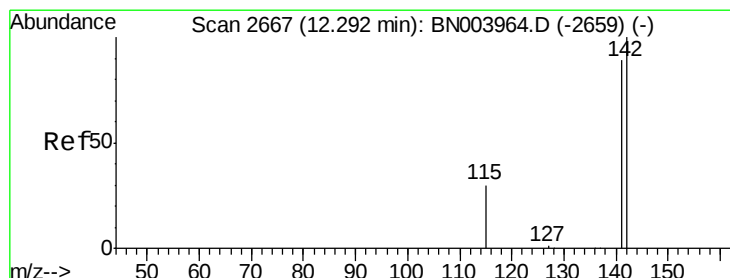
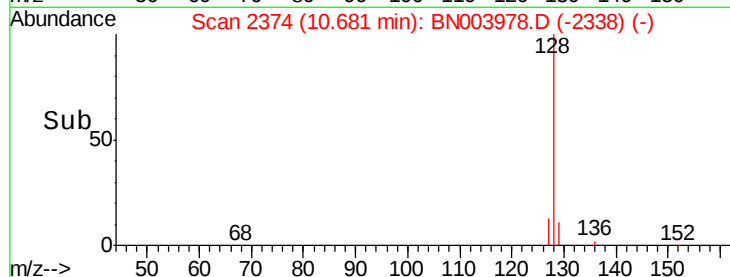
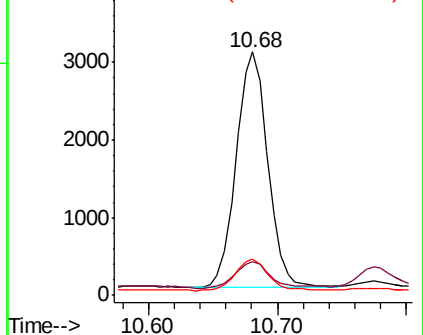
127 14.7 10.5 15.7



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: 0.161 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003978.D

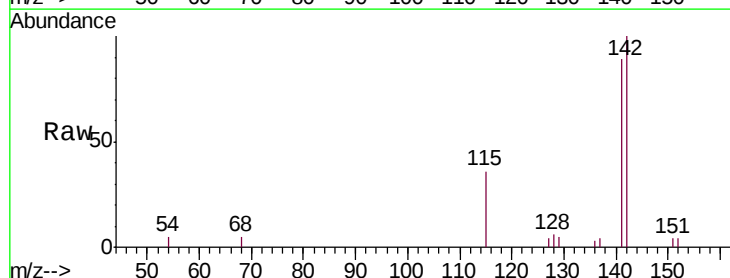
Acq: 16 Dec 2018 02:56

Tgt Ion:142 Resp: 2924

Ion Ratio Lower Upper

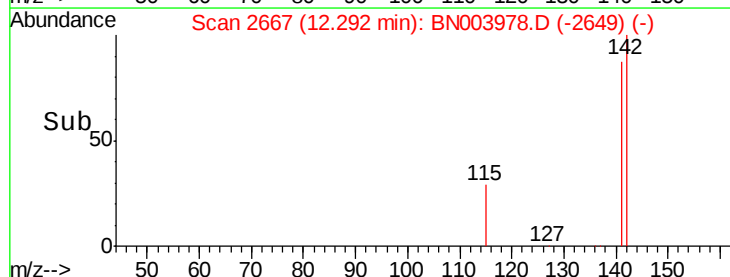
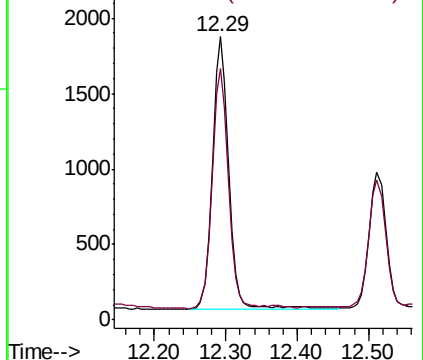
142 100

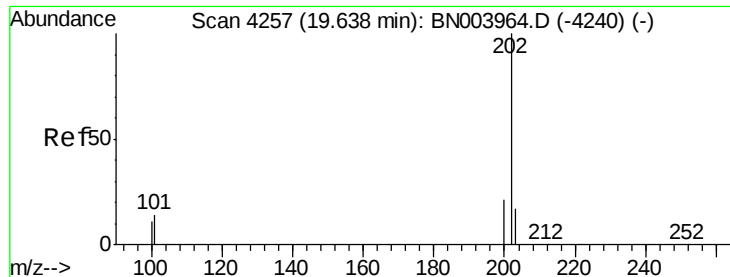
141 87.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

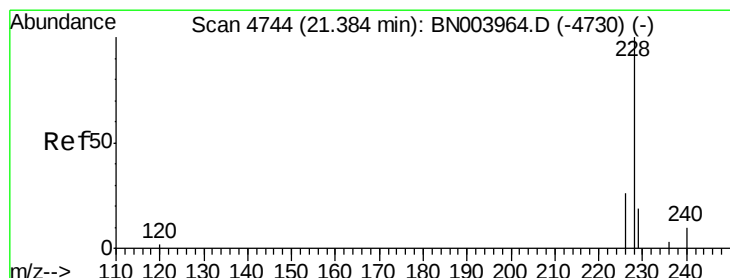
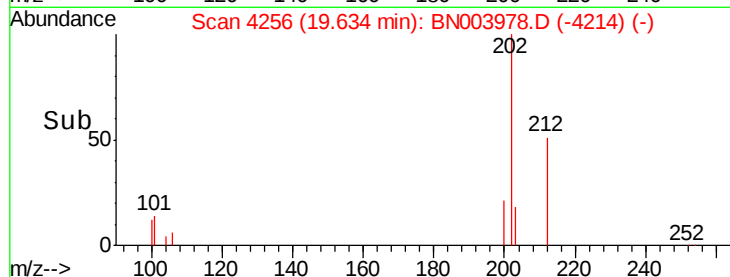
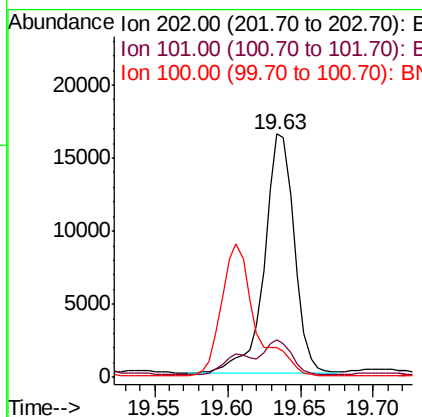
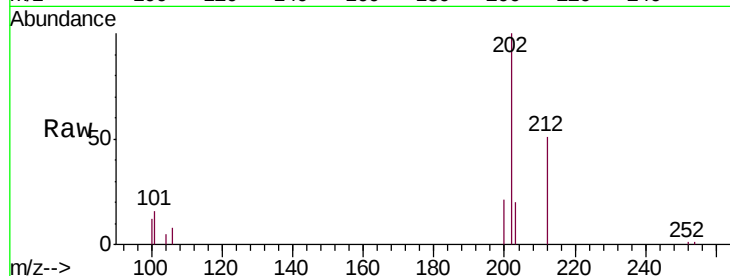




#17
 Pyrene
 Concen: 433.410 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003978.D
 Acq: 16 Dec 2018 02:56

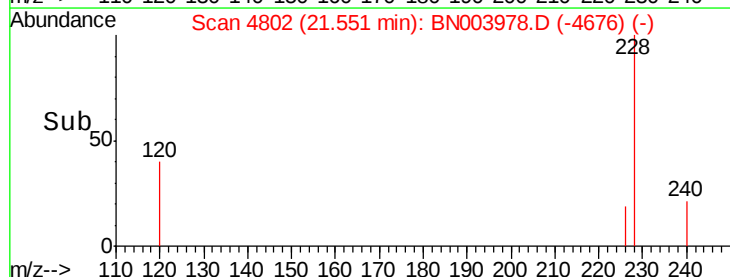
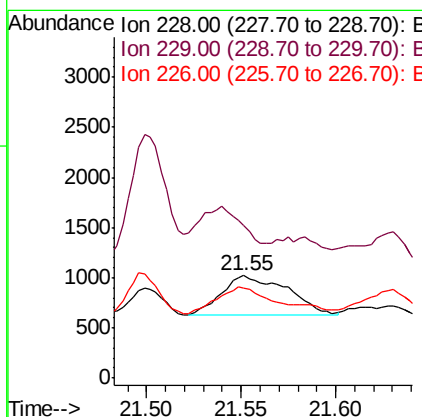
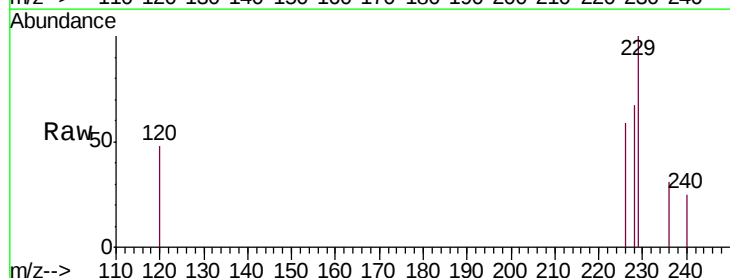
Instrument :
 BNA_N
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 F9Y17

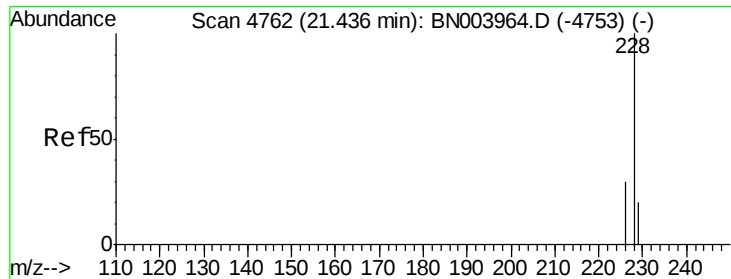
Tgt Ion:202 Resp: 23317
 Ion Ratio Lower Upper
 202 100
 101 15.6 10.3 15.5#
 100 12.3 8.5 12.7



#18
 Benzo(a)anthracene
 Concen: 20.305 ng/ul
 RT: 21.55 min Scan# 4802
 Delta R.T. 0.17 min
 Lab File: BN003978.D
 Acq: 16 Dec 2018 02:56

Tgt Ion:228 Resp: 962
 Ion Ratio Lower Upper
 228 100
 229 148.3 15.6 23.4#
 226 88.1 21.1 31.7#





#19

Chrysene

Concen: 17.614 ng/ul

RT: 21.55 min Scan# 4802

Delta R.T. 0.12 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

Instrument :

BNA_N

ClientSampleId :

F9Y17

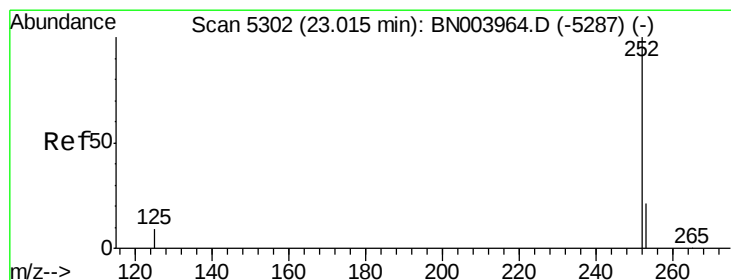
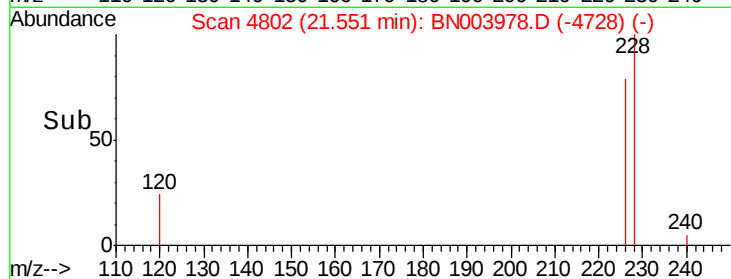
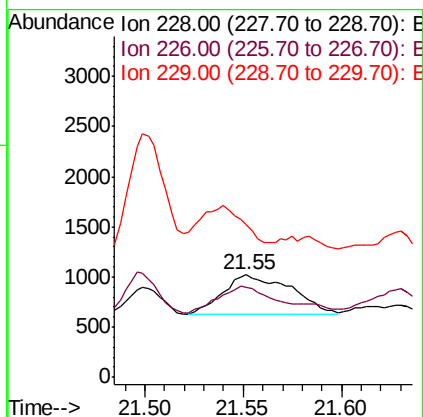
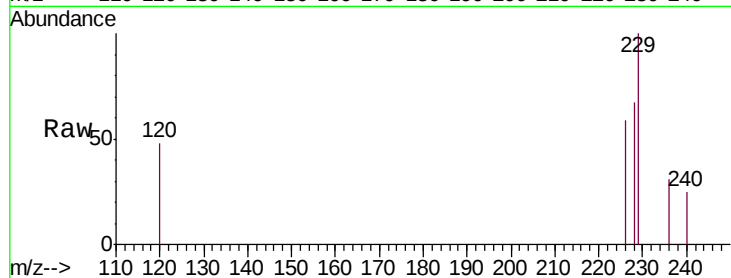
Tgt Ion:228 Resp: 955

Ion Ratio Lower Upper

228 100

226 88.1 24.0 36.0#

229 148.3 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 14.585 ng/ul

RT: 23.18 min Scan# 5360

Delta R.T. 0.17 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

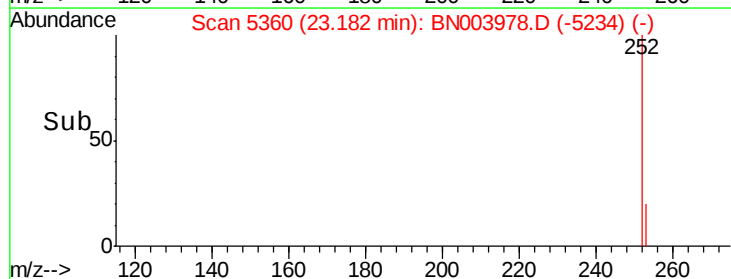
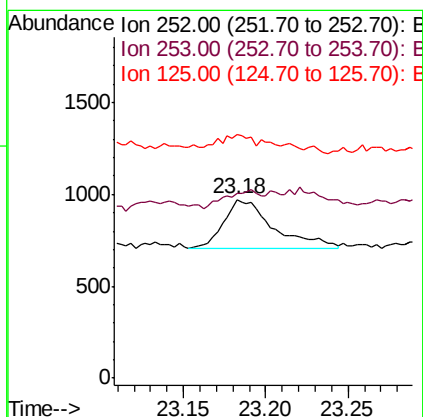
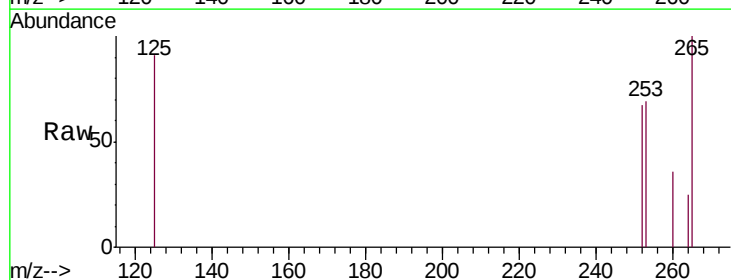
Tgt Ion:252 Resp: 543

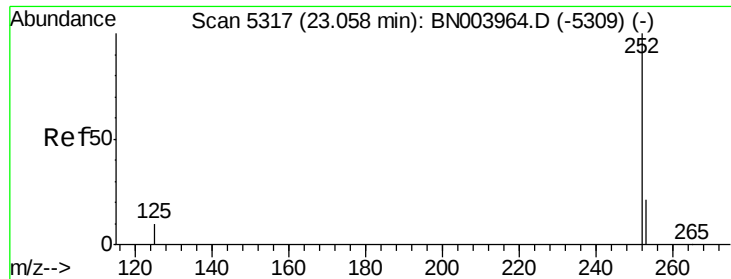
Ion Ratio Lower Upper

252 100

253 103.6 0.0 46.0#

125 136.1 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 14.971 ng/ul

RT: 23.18 min Scan# 5360

Delta R.T. 0.12 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

Instrument :

BNA_N

ClientSampleId :

F9Y17

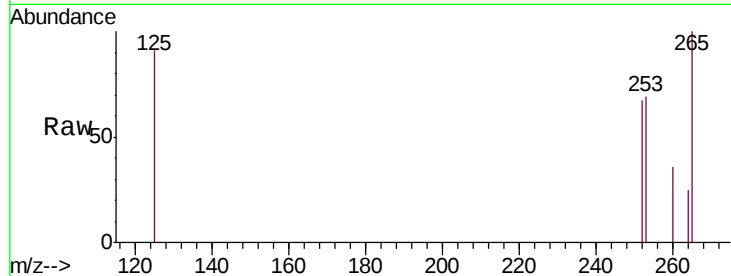
Tgt Ion:252 Resp: 543

Ion Ratio Lower Upper

252 100

253 103.6 18.5 27.7#

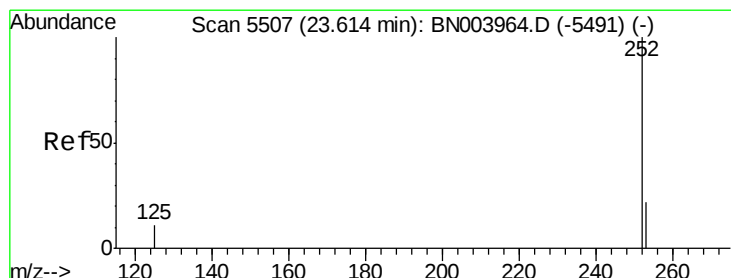
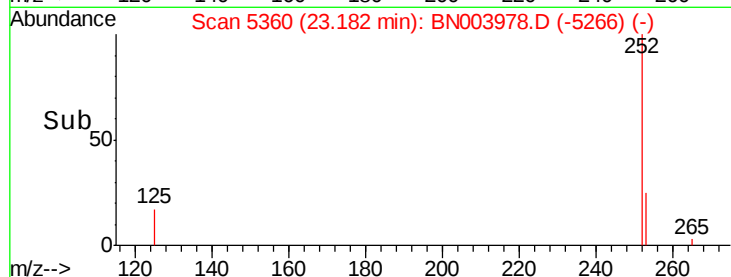
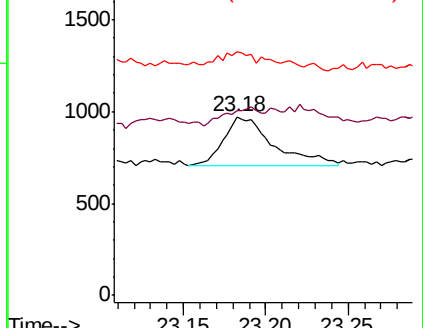
125 136.1 9.0 13.6#



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: 28.289 ng/ul

RT: 23.76 min Scan# 5558

Delta R.T. 0.15 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

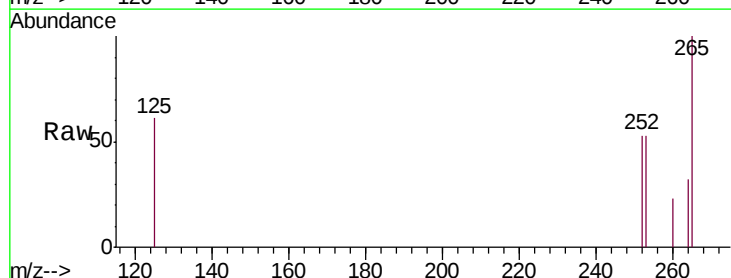
Tgt Ion:252 Resp: 912

Ion Ratio Lower Upper

252 100

253 99.0 19.0 28.4#

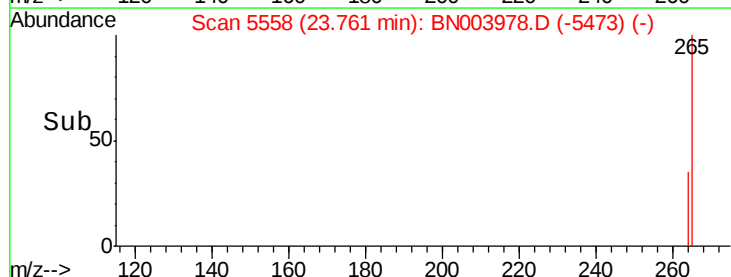
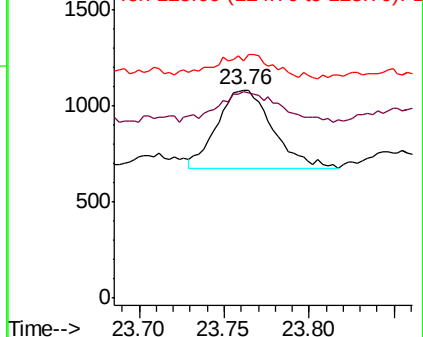
125 113.9 10.2 15.4#

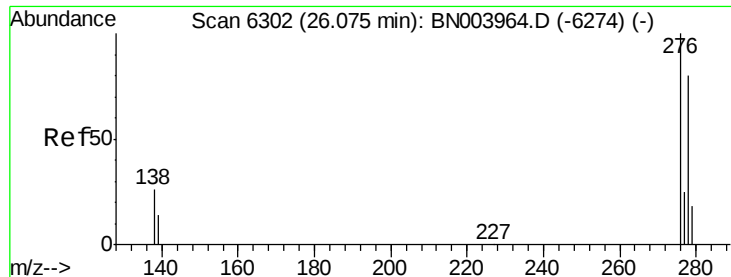


Abundance Ion 252.00 (251.70 to 252.70): E

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: 13.308 ng/u1

RT: 26.34 min Scan# 6382

Delta R.T. 0.27 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

Instrument :

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F9Y17

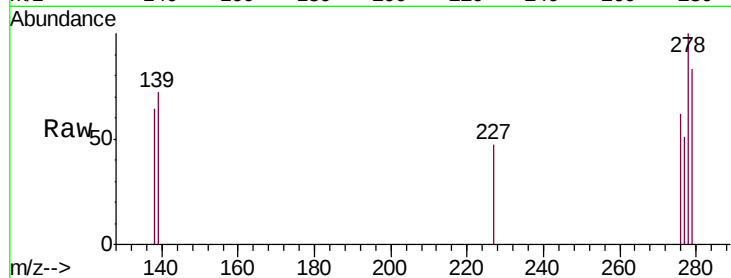
Tgt Ion:276 Resp: 492

Ion Ratio Lower Upper

276 100

138 11.6 20.3 30.5#

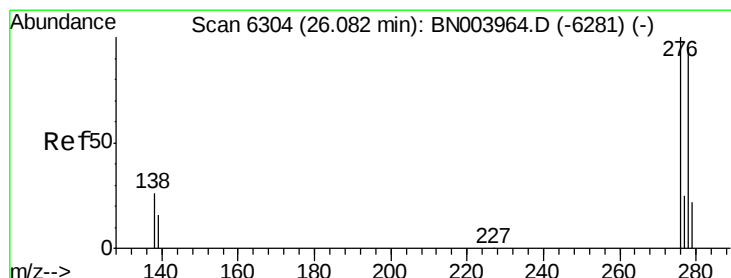
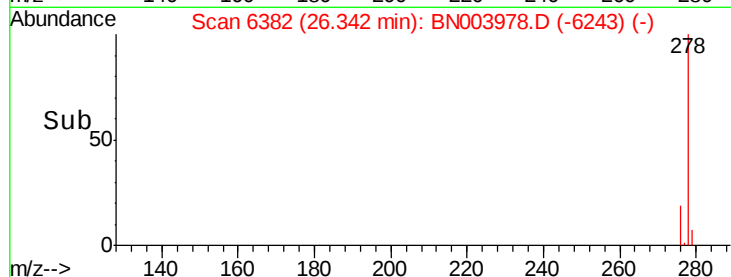
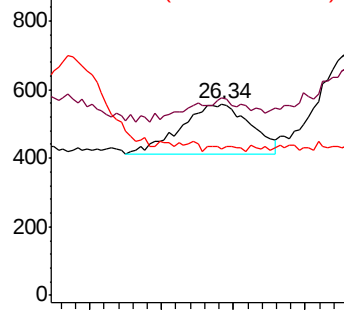
227 0.0 0.2 0.2#



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: 58.276 ng/u1

RT: 26.34 min Scan# 6382

Delta R.T. 0.26 min

Lab File: BN003978.D

Acq: 16 Dec 2018 02:56

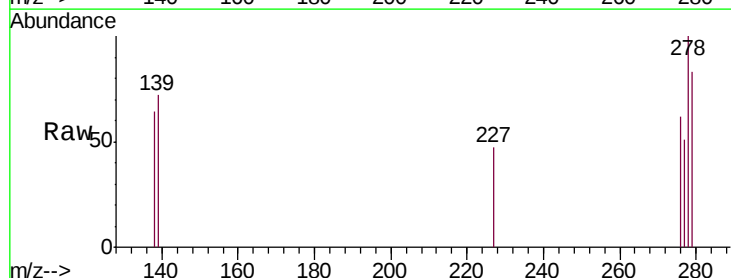
Tgt Ion:278 Resp: 1734

Ion Ratio Lower Upper

278 100

139 72.5 14.2 21.4#

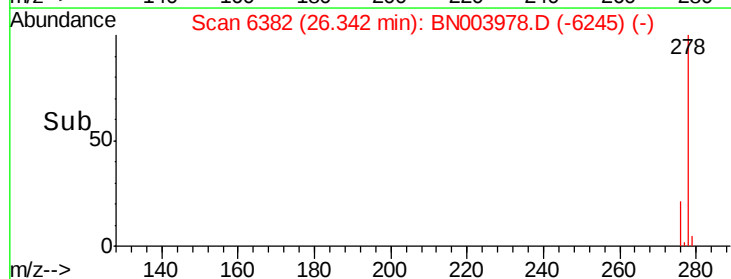
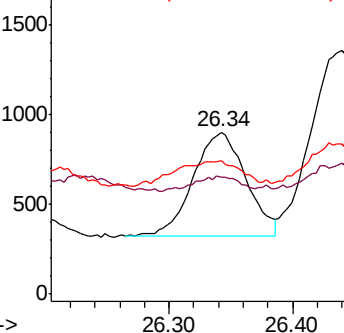
279 82.8 19.8 29.6#

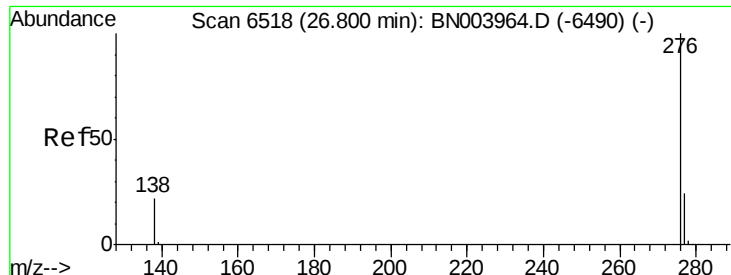


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.586 ng/u1

RT: 27.18 min Scan# 6631

Delta R.T. 0.38 min

Lab File: BN003978.D

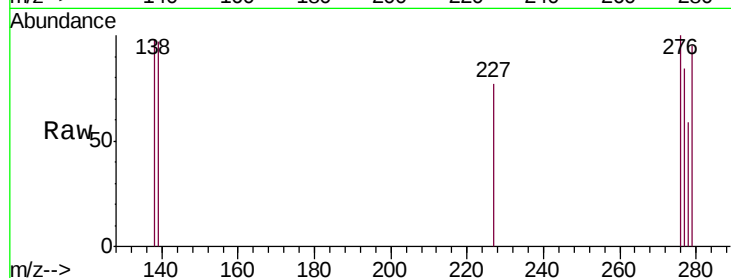
Acq: 16 Dec 2018 02:56

Instrument :

BNA_N

ClientSampleId :

F9Y17



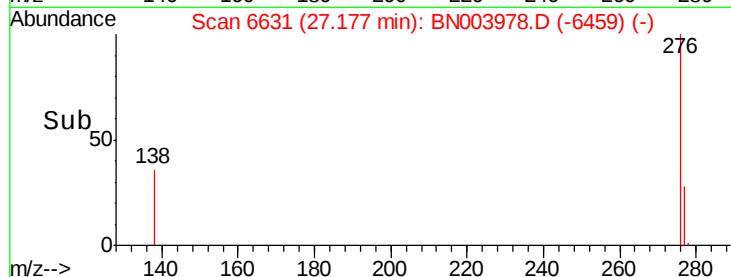
Tgt Ion: 276 Resp: 308

Ion Ratio Lower Upper

276 100

138 98.3 17.7 26.5#

277 83.9 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

