

Data File : BN003977.D
Acq On : 16 Dec 2018 02:21
Operator : JU/SJ
Sample : J6171-12DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y16DL

Quant Time: Dec 16 03:04:51 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

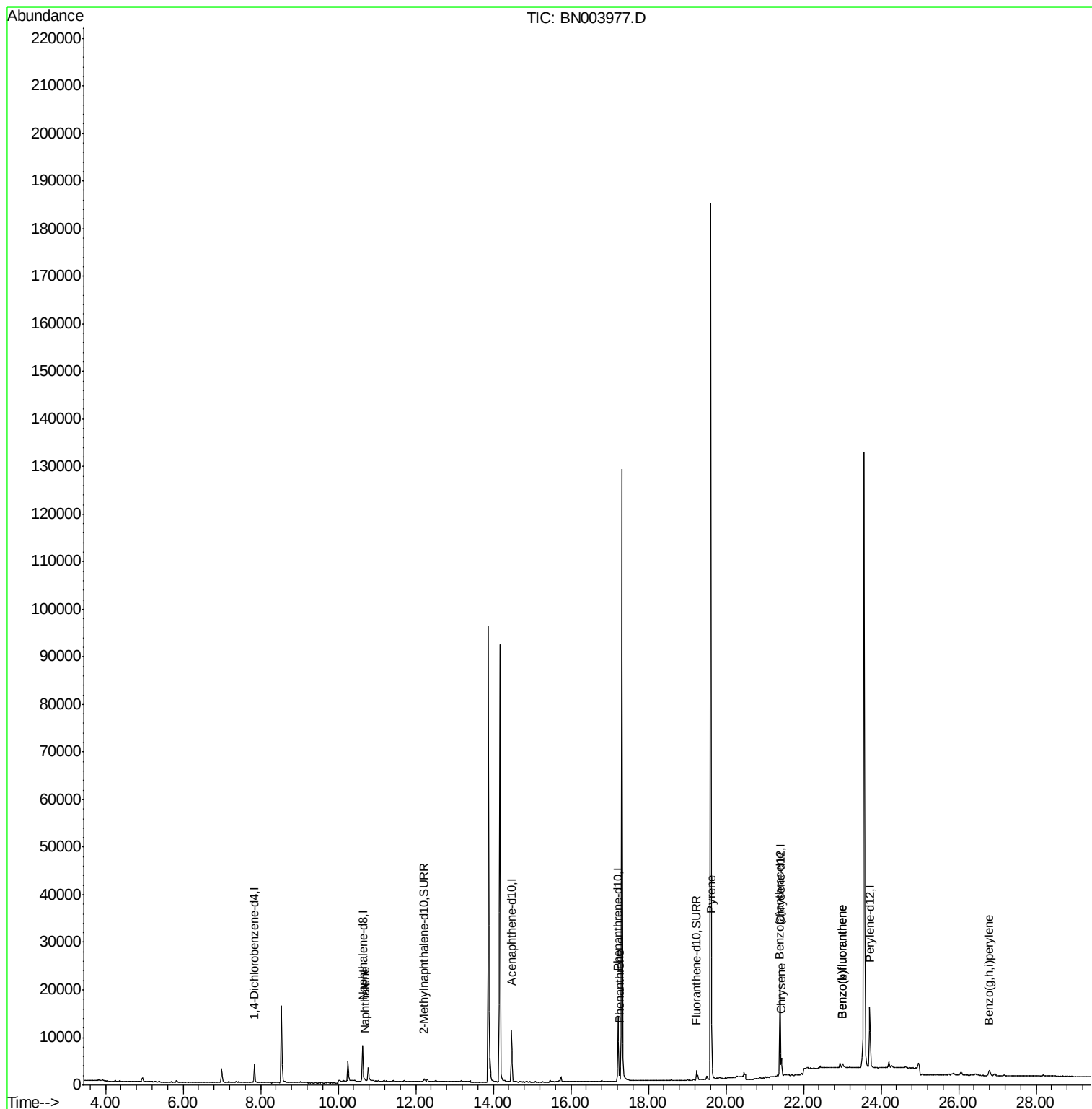
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10256	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6149	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15435	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	19369	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17547	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	715	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2196	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	757	0.026	ng/ul#	72
12) Phenanthrene	17.26	178	2836	0.056	ng/ul#	92
17) Pyrene	19.63	202	4195	0.060	ng/ul#	90
18) Benzo(a)anthracene	21.38	228	1802	0.029	ng/ul#	57
19) Chrysene	21.43	228	3562	0.051	ng/ul#	79
21) Benzo(b)fluoranthene	23.01	252	1602	0.022	ng/ul#	1
22) Benzo(k)fluoranthene	23.01	252	1648	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	26.79	276	2579	0.041	ng/ul#	55

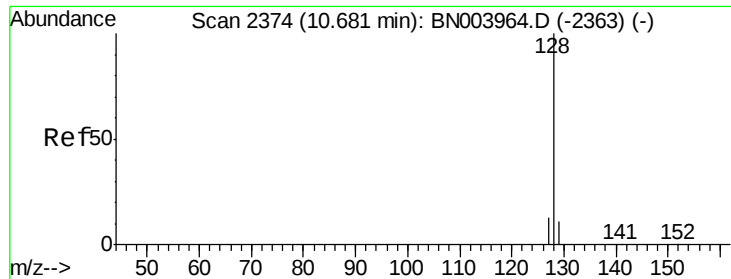
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9Y16DL

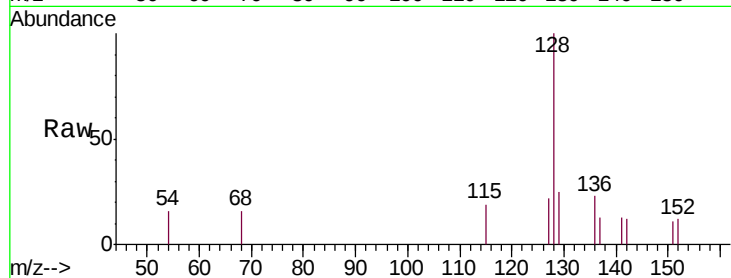
Tgt Ion:128 Resp: 757

Ion Ratio Lower Upper

128 100

129 25.0 9.0 13.6#

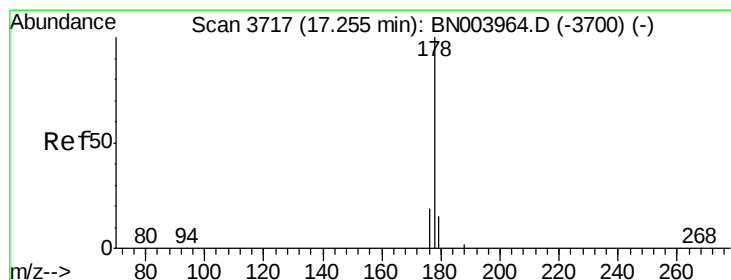
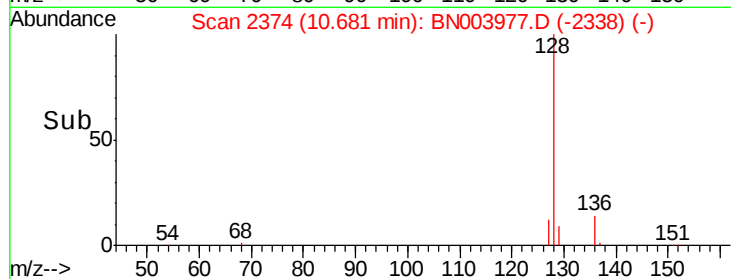
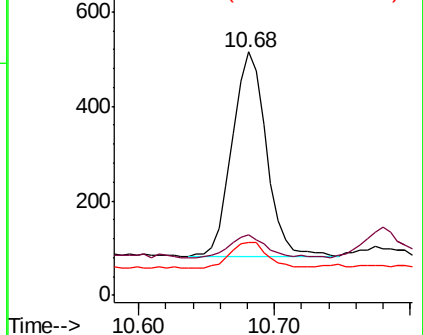
127 21.7 10.5 15.7#



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



#12

Phenanthrene

Concen: 0.056 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

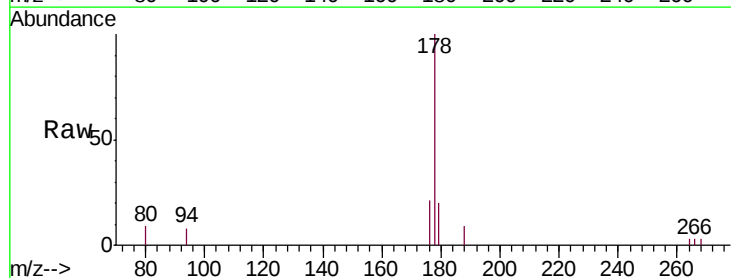
Tgt Ion:178 Resp: 2836

Ion Ratio Lower Upper

178 100

179 20.0 12.5 18.7#

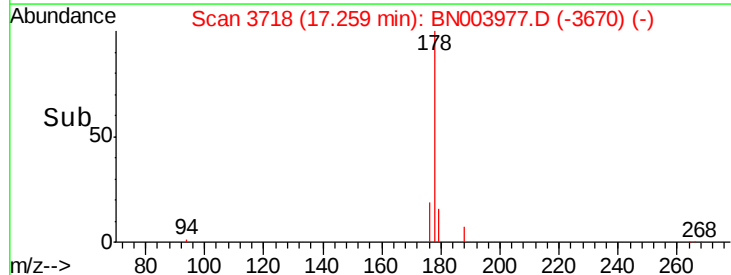
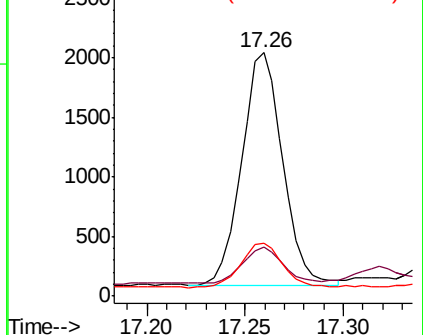
176 21.5 15.0 22.4

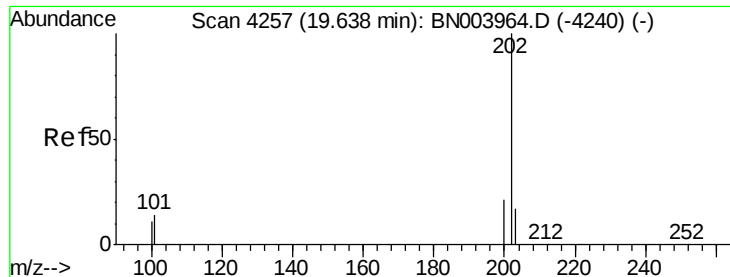


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Pyrene

Concen: 0.060 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

Instrument :

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ClientSampleId :

F9Y16DL

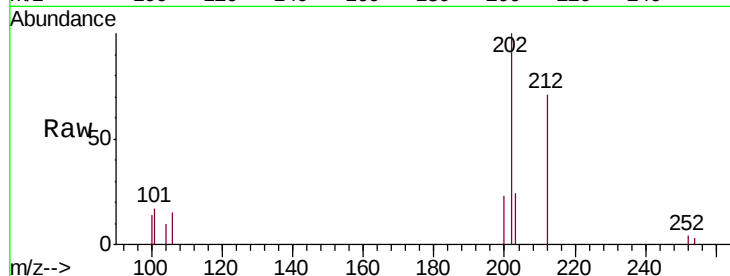
Tgt Ion:202 Resp: 4195

Ion Ratio Lower Upper

202 100

101 17.2 10.3 15.5#

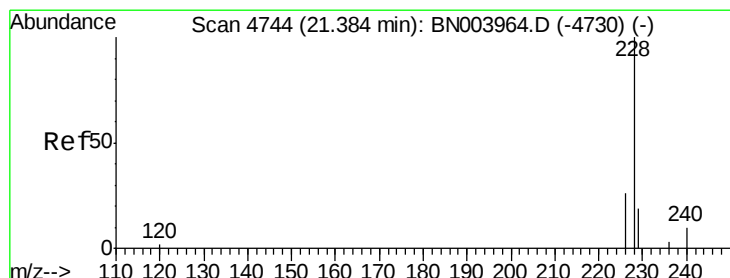
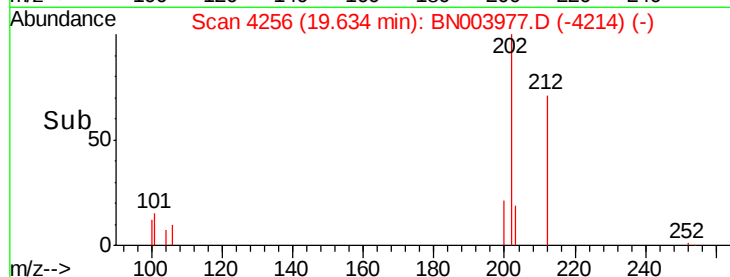
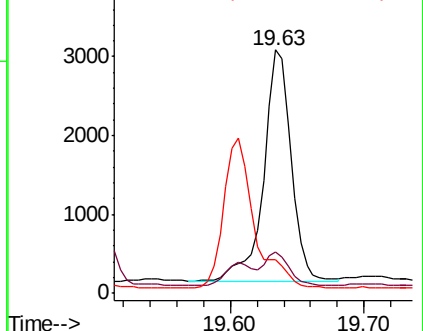
100 14.1 8.5 12.7#



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: 0.029 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

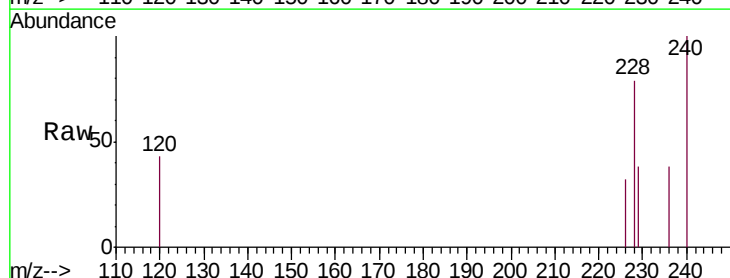
Tgt Ion:228 Resp: 1802

Ion Ratio Lower Upper

228 100

229 48.5 15.6 23.4#

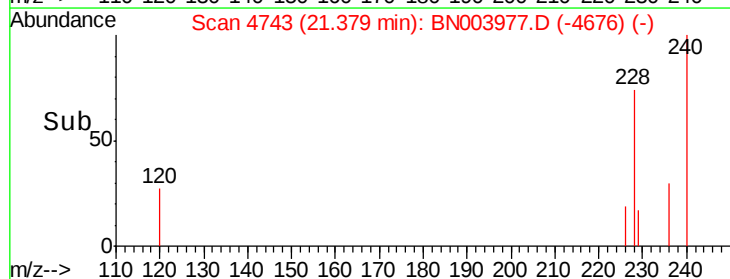
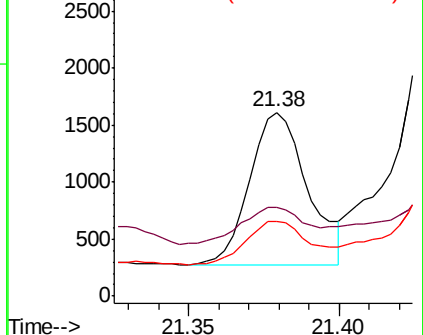
226 40.7 21.1 31.7#

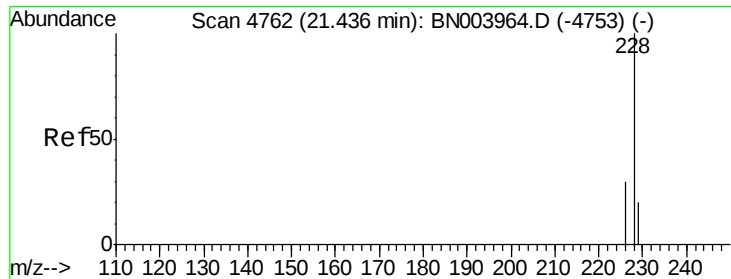


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





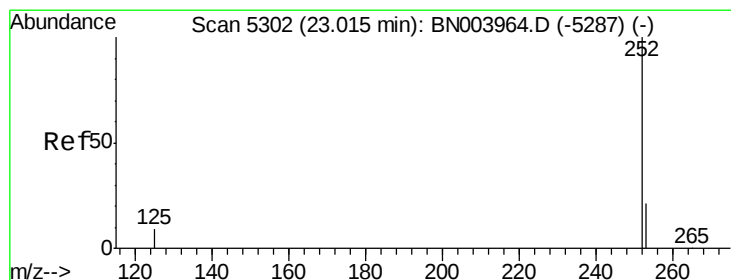
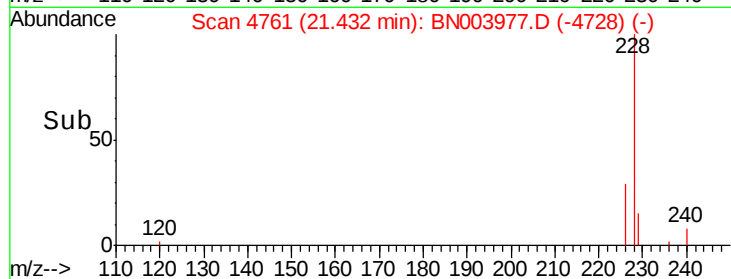
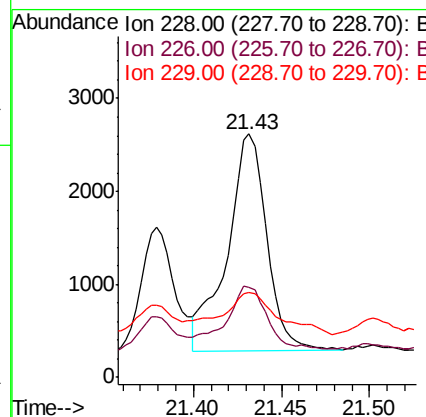
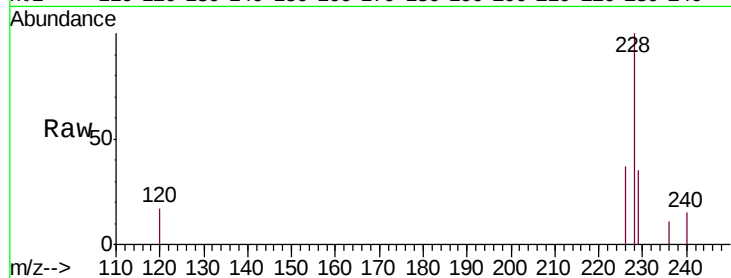
#19

Chrysene

Concen: 0.051 ng/ul
 RT: 21.43 min Scan# 4761
 Delta R.T. -0.00 min
 Lab File: BN003977.D
 Acq: 16 Dec 2018 02:21

Instrument :
 BNA_N
 ClientSampleId :
 F9Y16DL

Tgt Ion:228 Resp: 3562
 Ion Ratio Lower Upper
 228 100
 226 36.8 24.0 36.0#
 229 34.8 15.7 23.5#

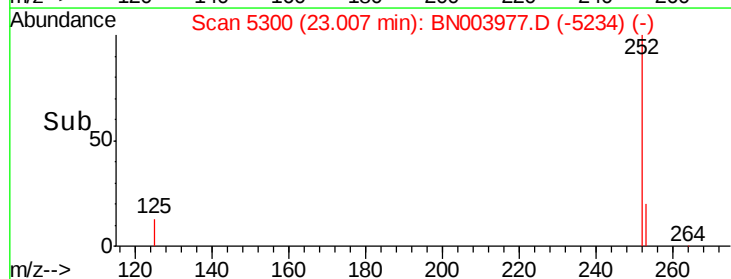
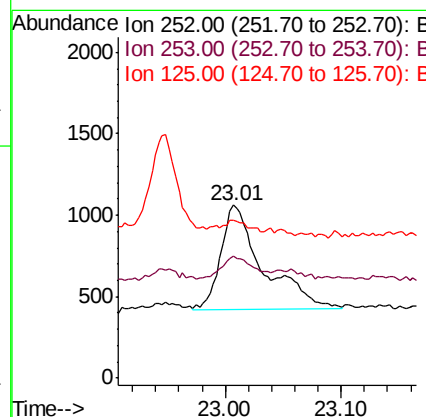
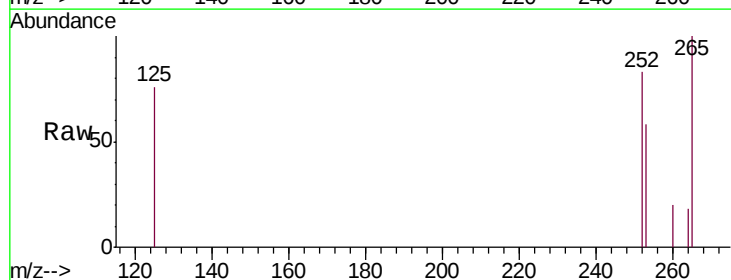


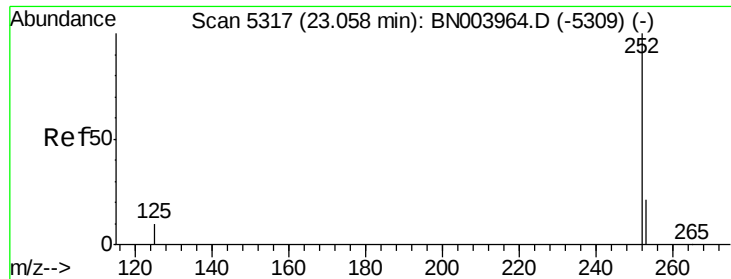
#21

Benzo(b)fluoranthene

Concen: 0.022 ng/ul
 RT: 23.01 min Scan# 5300
 Delta R.T. -0.01 min
 Lab File: BN003977.D
 Acq: 16 Dec 2018 02:21

Tgt Ion:252 Resp: 1602
 Ion Ratio Lower Upper
 252 100
 253 70.3 0.0 46.0#
 125 91.1 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.023 ng/u1

RT: 23.01 min Scan# 5300

Delta R.T. -0.05 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

Instrument :

BNA_N

ClientSampleId :

F9Y16DL

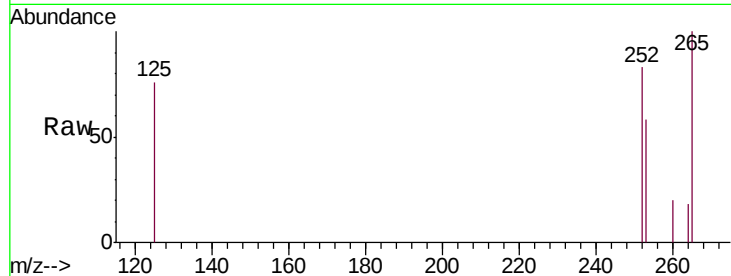
Tgt Ion:252 Resp: 1648

Ion Ratio Lower Upper

252 100

253 70.3 18.5 27.7#

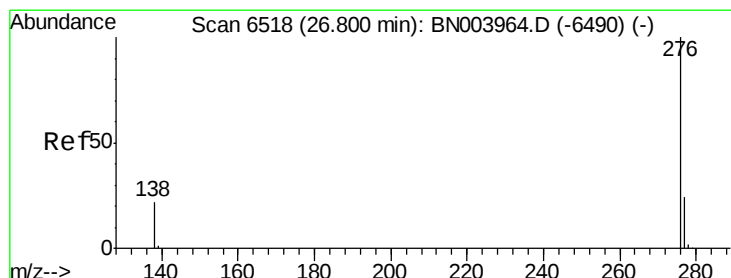
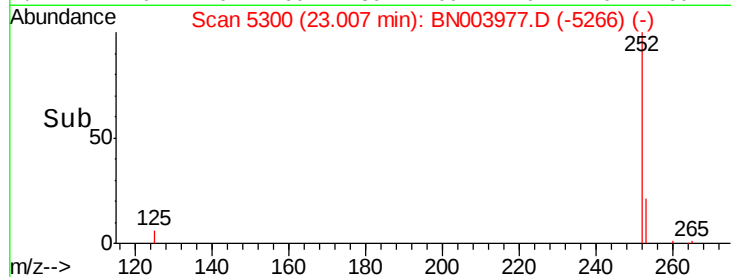
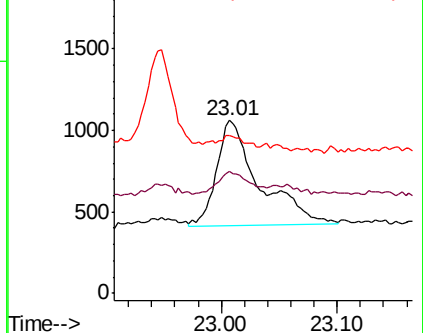
125 91.1 9.0 13.6#



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



#26

Benzo(g,h,i)perylene

Concen: 0.041 ng/u1

RT: 26.79 min Scan# 6516

Delta R.T. -0.01 min

Lab File: BN003977.D

Acq: 16 Dec 2018 02:21

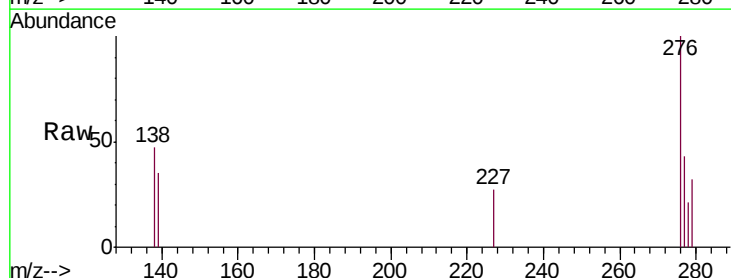
Tgt Ion:276 Resp: 2579

Ion Ratio Lower Upper

276 100

138 47.4 17.7 26.5#

277 42.8 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

