

Data File : BN008206.D
Acq On : 16 Oct 2019 19:43
Operator : JU
Sample : K5124-03 DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

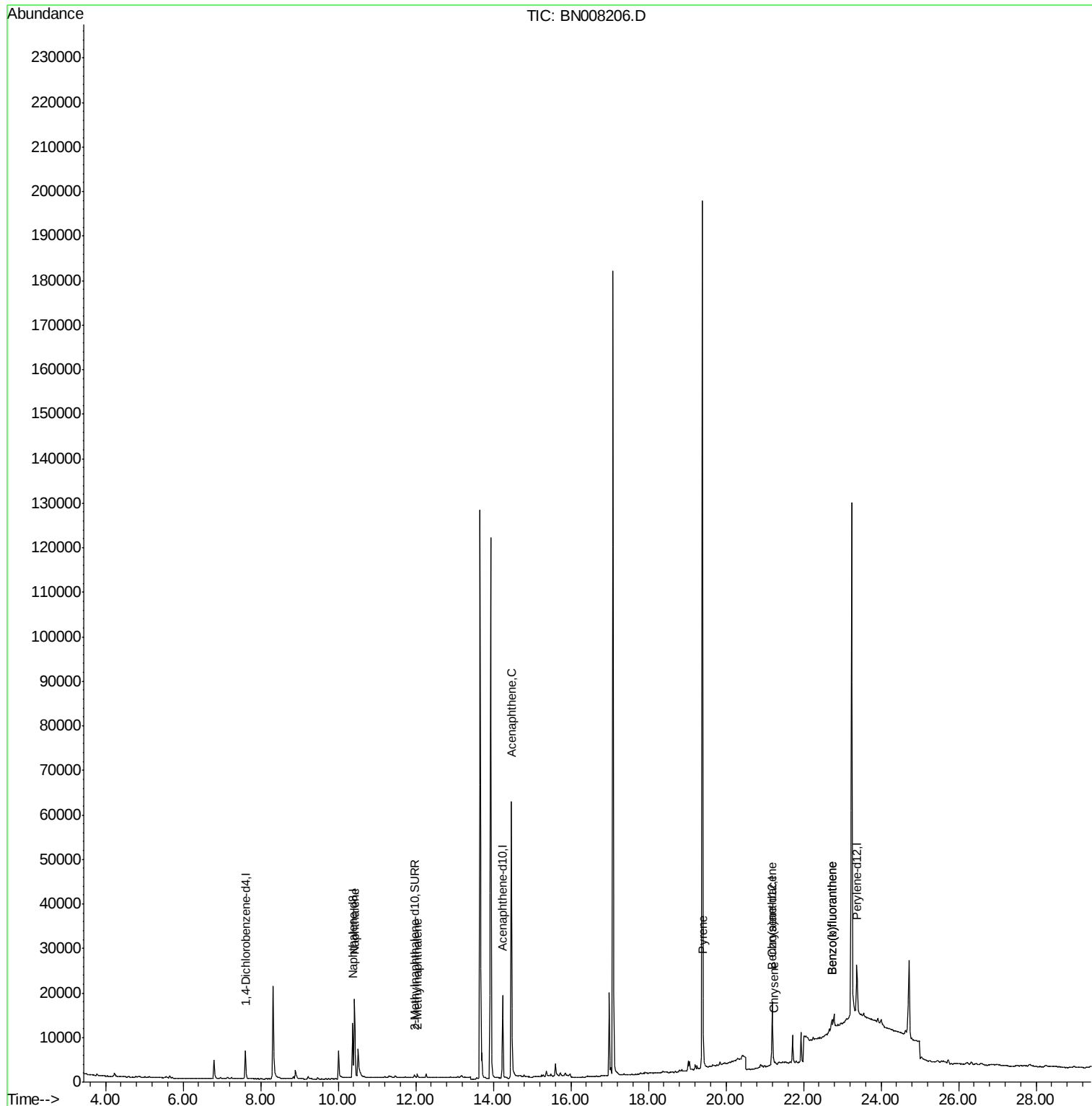
Quant Time: Oct 17 01:52:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

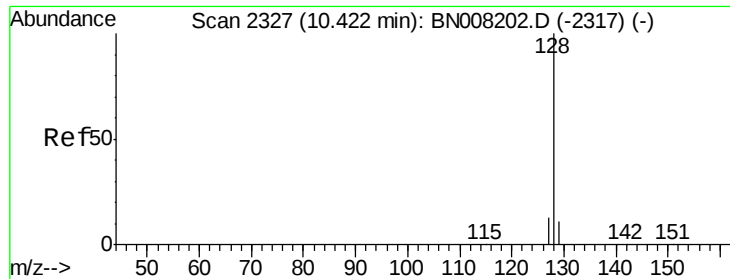
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3509	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10442	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	13096	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13044	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1034	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	2460	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.42	128	25002	0.527	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	733	0.023	ng/ul	94
8) Acenaphthene	14.46	153	6932	0.179	ng/ul#	1
17) Pyrene	19.42	202	2203	0.042	ng/ul#	72
18) Benzo(a)anthracene	21.18	228	1885	0.040	ng/ul#	39
19) Chrysene	21.23	228	1220	0.021	ng/ul#	22
21) Benzo(b)fluoranthene	22.73	252	2155	0.051	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	2081	0.043	ng/ul#	1

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

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#3

Naphthalene

Concen: 0.527 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

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Acq: 16 Oct 2019 19:43

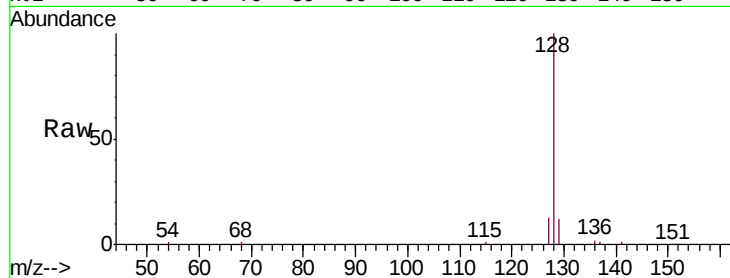
Tgt Ion:128 Resp: 25002

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

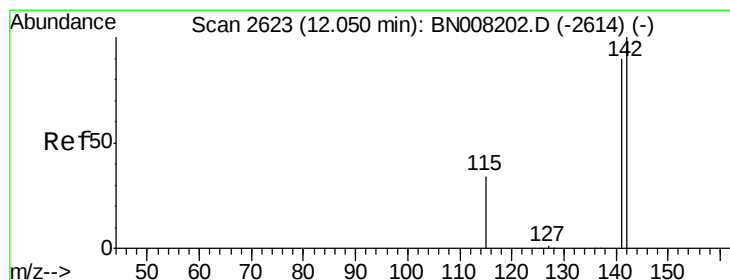
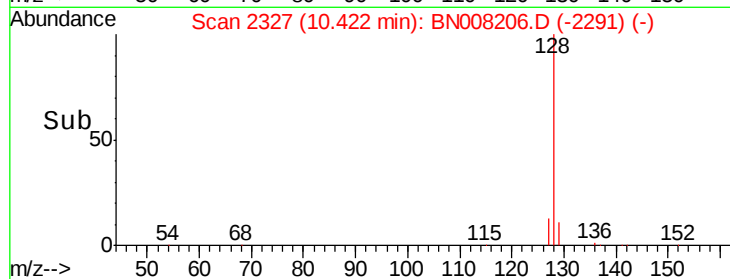
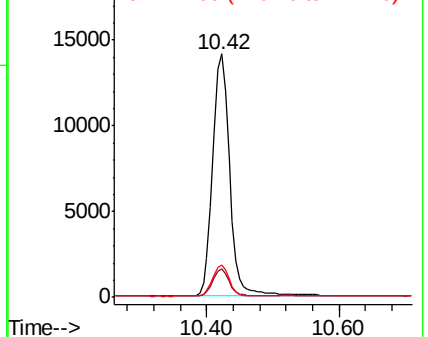
127 13.1 11.1 16.7



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: 0.023 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008206.D

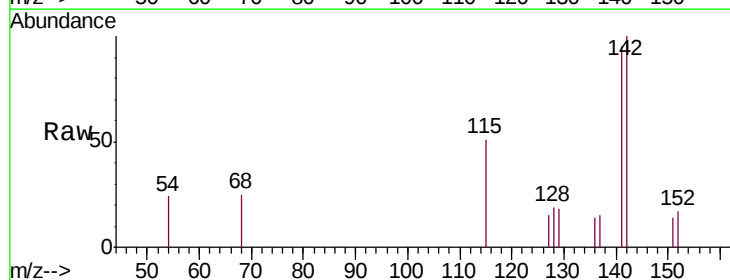
Acq: 16 Oct 2019 19:43

Tgt Ion:142 Resp: 733

Ion Ratio Lower Upper

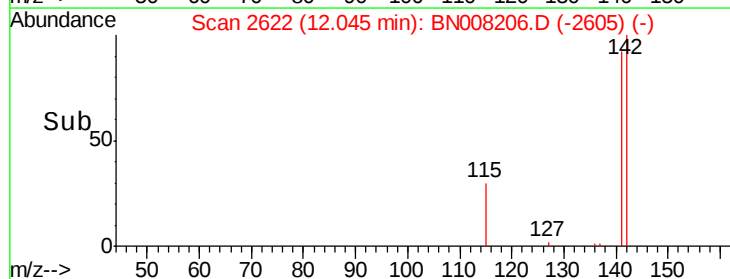
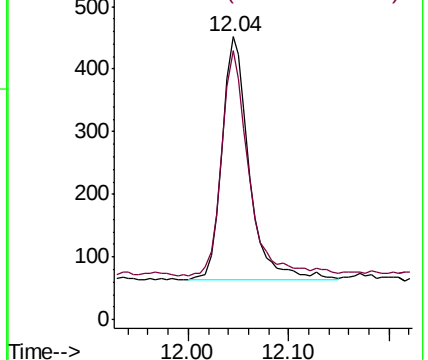
142 100

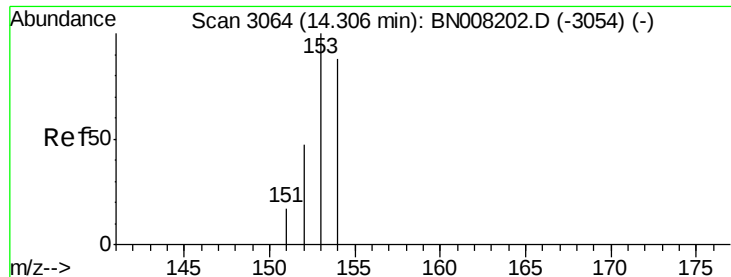
141 94.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.179 ng/ul

RT: 14.46 min Scan# 3098

Delta R.T. 0.16 min

Lab File: BN008206.D

Acq: 16 Oct 2019 19:43

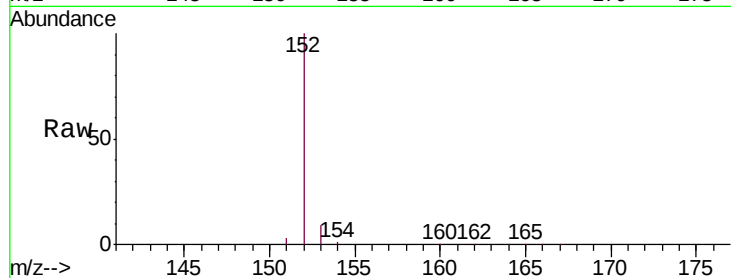
Tgt Ion:153 Resp: 6932

Ion Ratio Lower Upper

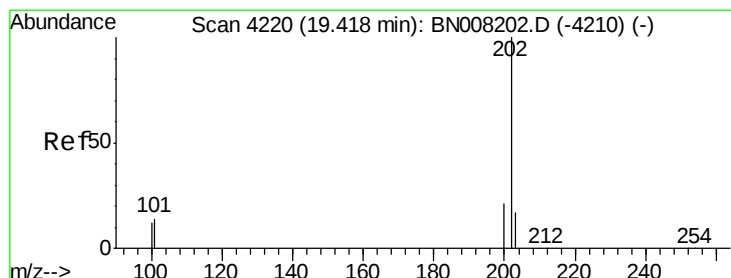
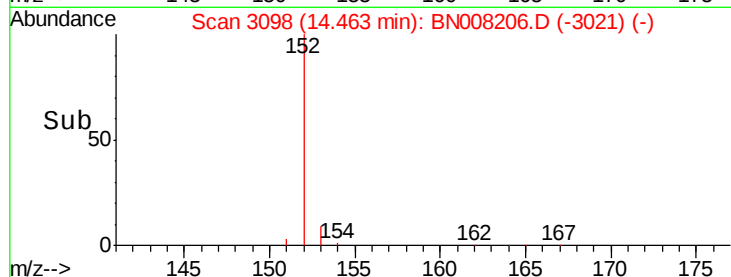
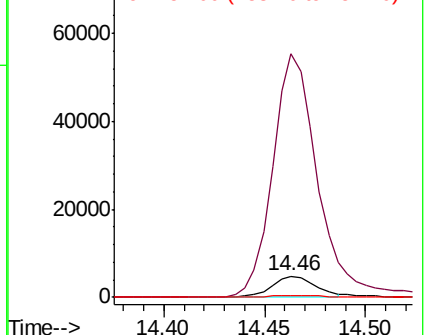
153 100

152 1149.1 38.2 57.2#

154 9.8 71.8 107.8#



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#17

Pyrene

Concen: 0.042 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. 0.00 min

Lab File: BN008206.D

Acq: 16 Oct 2019 19:43

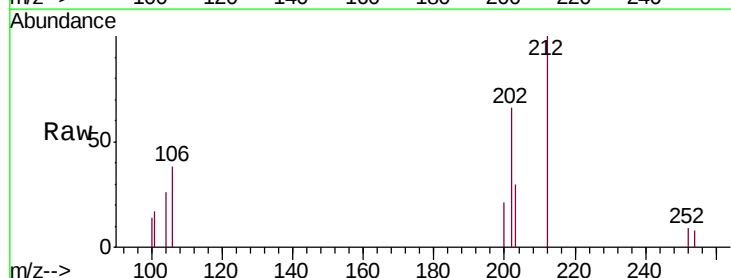
Tgt Ion:202 Resp: 2203

Ion Ratio Lower Upper

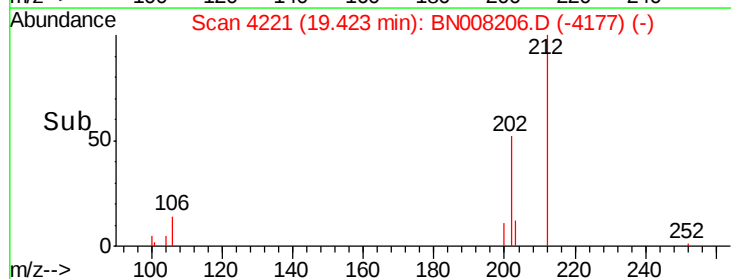
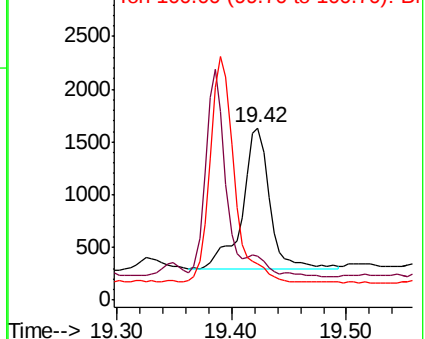
202 100

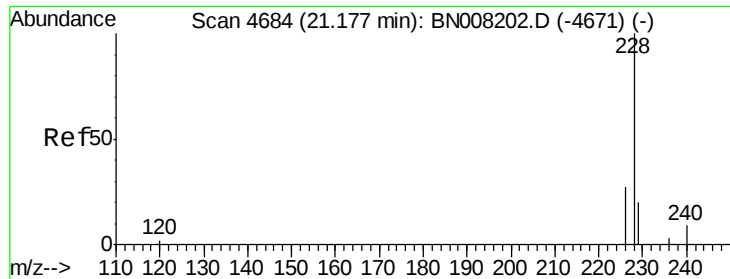
101 25.4 10.9 16.3#

100 20.7 8.7 13.1#



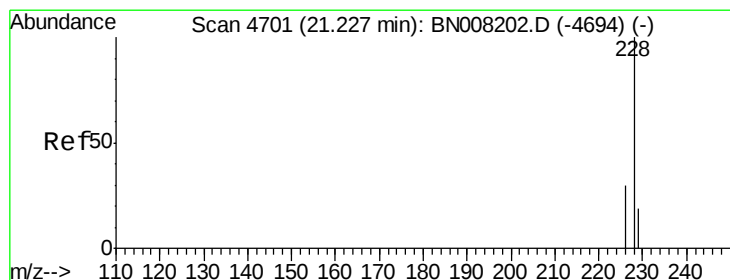
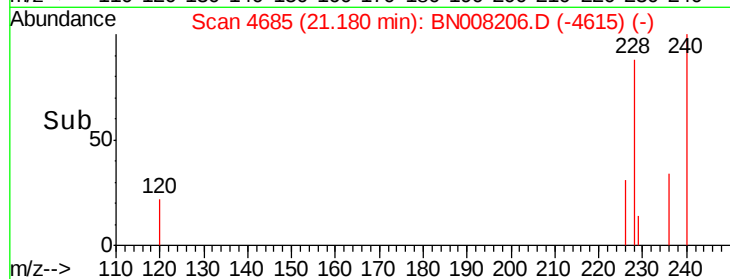
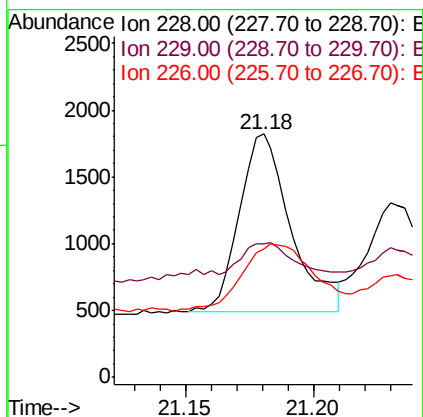
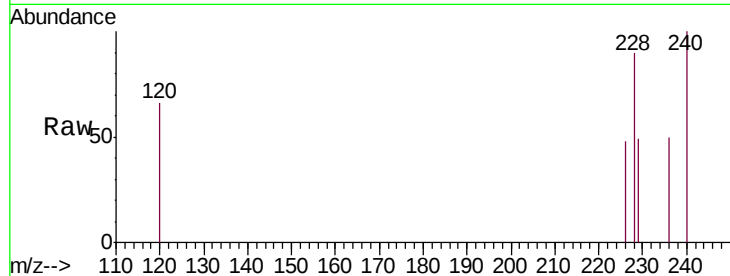
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





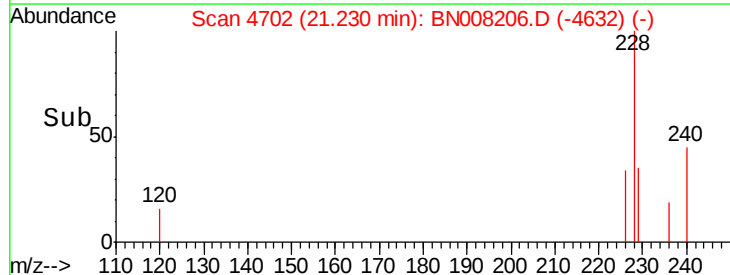
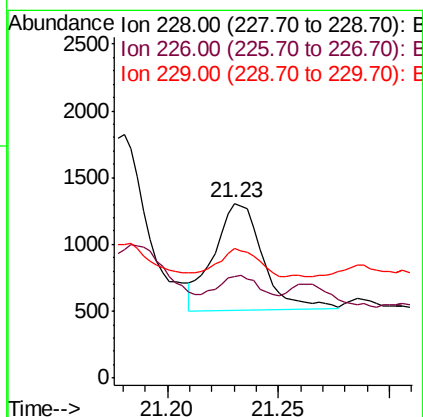
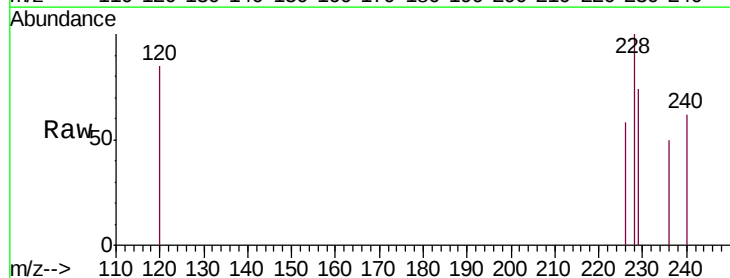
#18
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

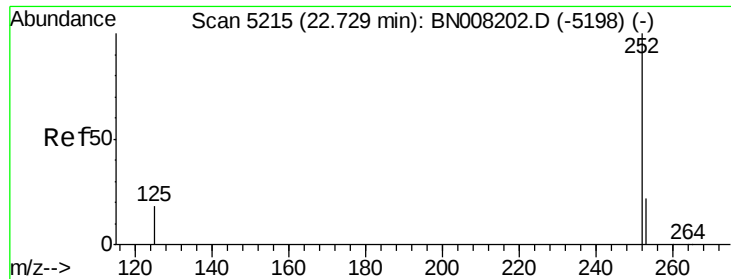
Tgt Ion: 228 Resp: 1885
Ion Ratio Lower Upper
228 100
229 54.8 16.2 24.2#
226 52.9 21.4 32.0#



#19
Chrysene
Concen: 0.021 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion: 228 Resp: 1220
Ion Ratio Lower Upper
228 100
226 58.0 24.1 36.1#
229 74.3 16.2 24.2#





#21

Benzo(b)fluoranthene

Concen: 0.051 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008206.D

Acq: 16 Oct 2019 19:43

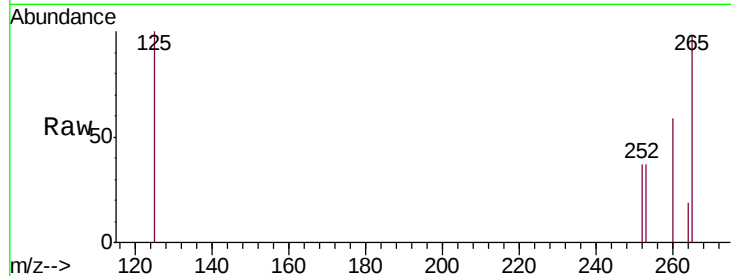
Tgt Ion: 252 Resp: 2155

Ion Ratio Lower Upper

252 100

253 98.5 0.0 53.4#

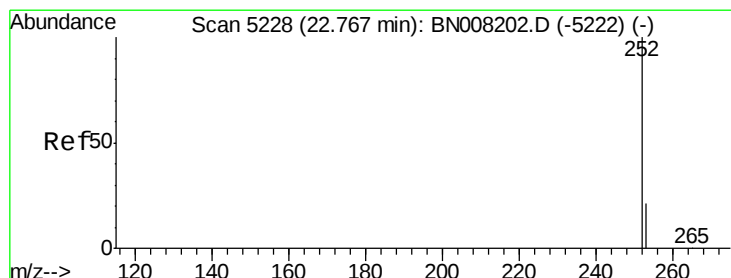
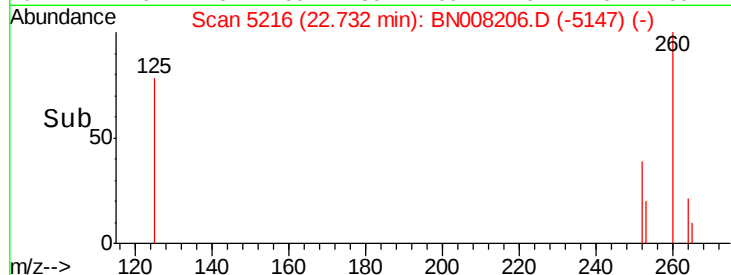
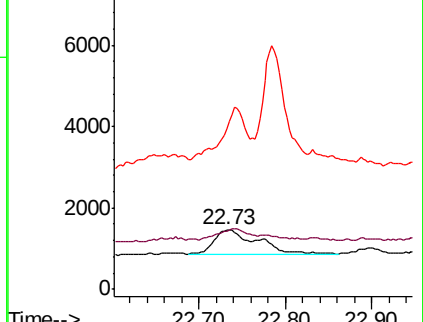
125 269.2 0.0 32.4#



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: 0.043 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.04 min

Lab File: BN008206.D

Acq: 16 Oct 2019 19:43

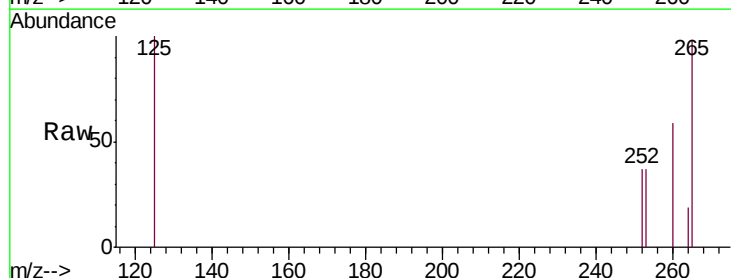
Tgt Ion: 252 Resp: 2081

Ion Ratio Lower Upper

252 100

253 98.5 21.3 31.9#

125 269.2 12.3 18.5#



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

