

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008225.D
 Acq On : 17 Oct 2019 16:46
 Operator : JU
 Sample : K5177-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:58 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

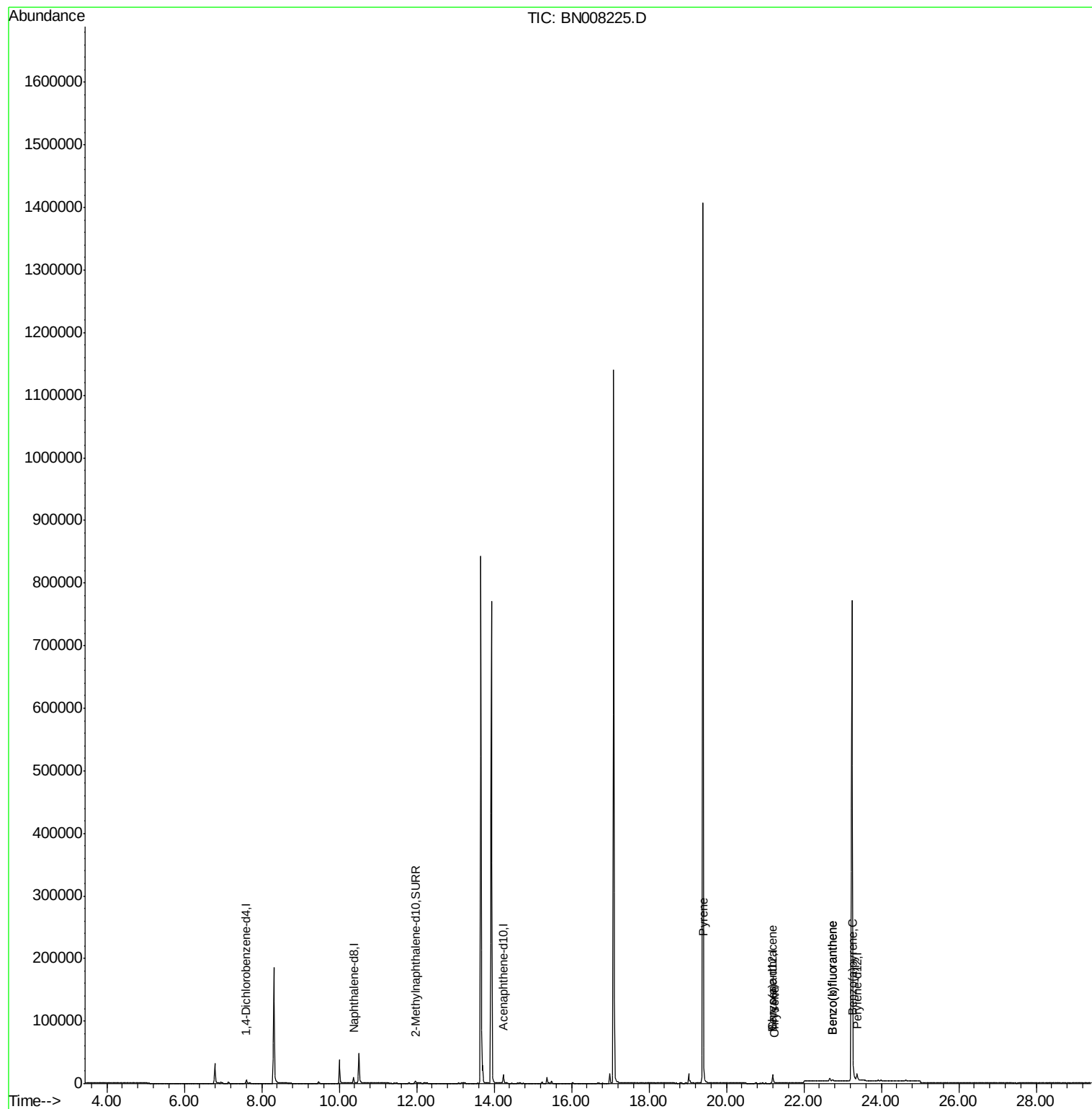
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2621	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	12558	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7887	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	14527	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11827	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	6335	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	16940	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
17) Pyrene	19.42	202	2911	0.050	ng/ul#	82
18) Benzo(a)anthracene	21.18	228	1647	0.031	ng/ul#	83
19) Chrysene	21.23	228	1810	0.028	ng/ul#	87
21) Benzo(b)fluoranthene	22.73	252	2990	0.078	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	2976	0.068	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	1222	0.030	ng/ul#	1

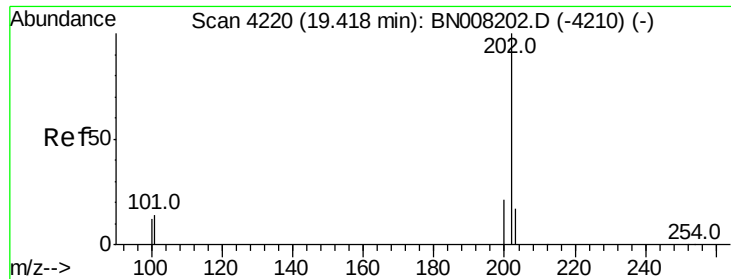
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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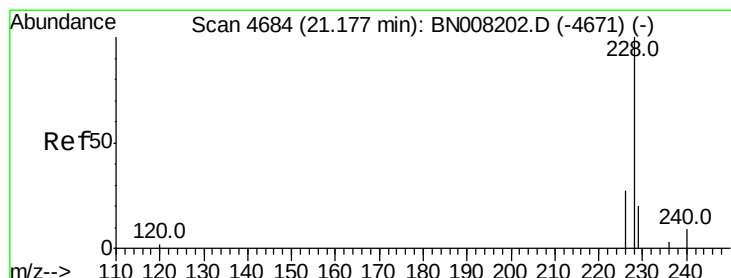
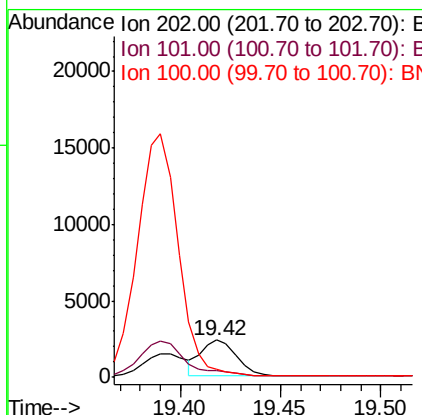
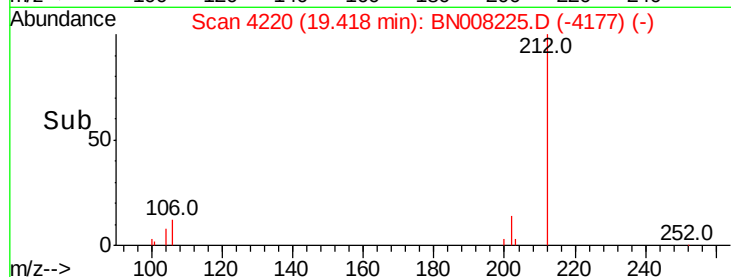
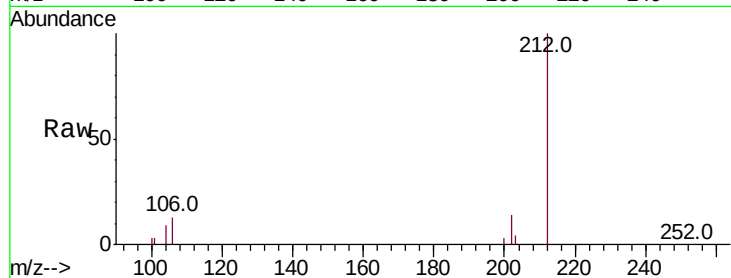




#17
Pvrene
Concen: 0.050 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008225.D
Acq: 17 Oct 2019 16:46

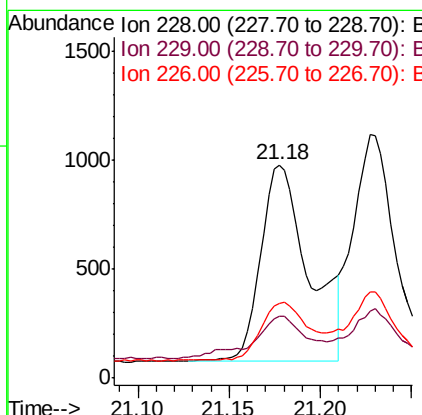
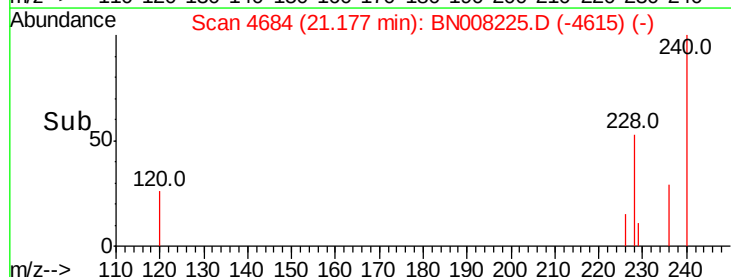
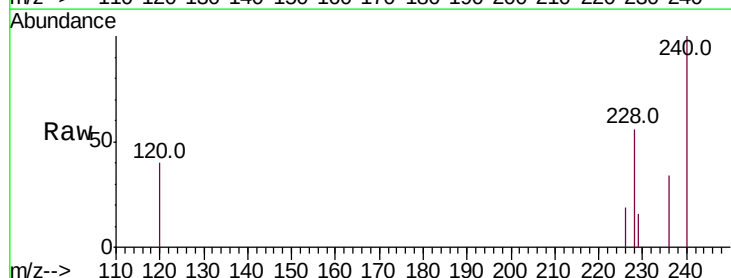
Instrument :
BNA_N
ClientSampleId :

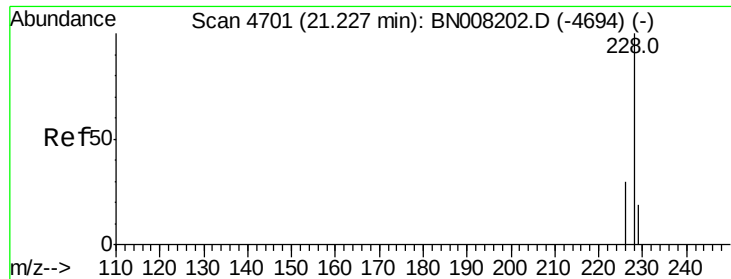
Tot Ion:202 Resp: 2911
Ion Ratio Lower Upper
202 100
101 17.9 10.9 16.3#
100 21.5 8.7 13.1#



#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008225.D
Acq: 17 Oct 2019 16:46

Tgt Ion:228 Resp: 1647
Ion Ratio Lower Upper
228 100
229 28.7 16.2 24.2#
226 35.0 21.4 32.0#





#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.23 min Scan# 4701

Delta R.T. 0.00 min

Lab File: BN008225.D

Acq: 17 Oct 2019 16:46

Instrument :

BNA_N

ClientSampleId :

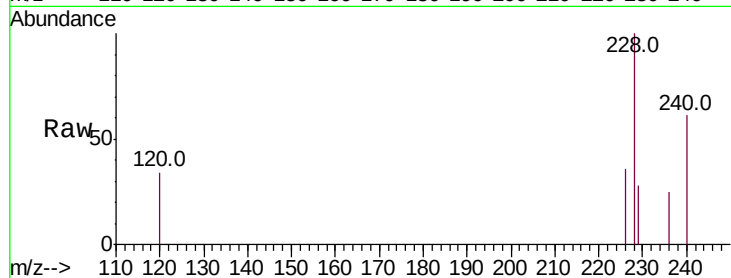
Tot Ion:228 Resp: 1810

Ion Ratio Lower Upper

228 100

226 35.6 24.1 36.1

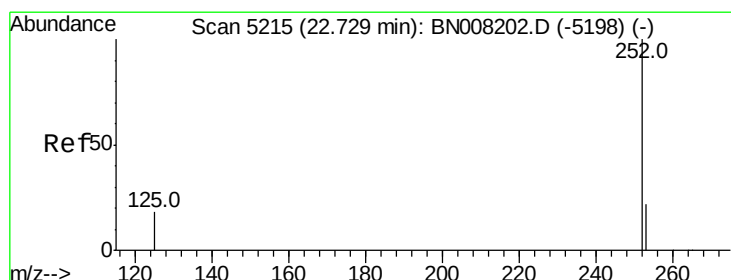
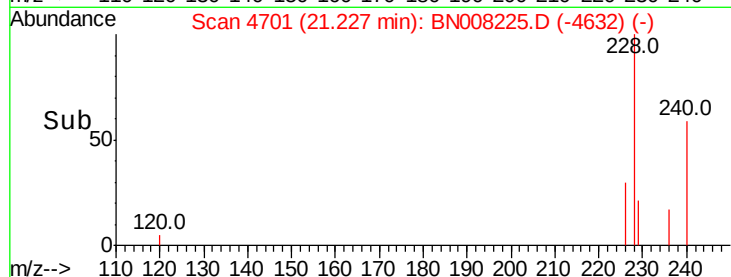
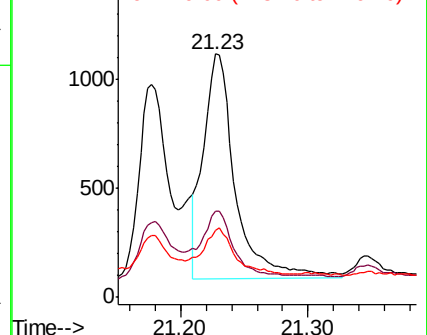
229 27.6 16.2 24.2#



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: 0.078 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008225.D

Acq: 17 Oct 2019 16:46

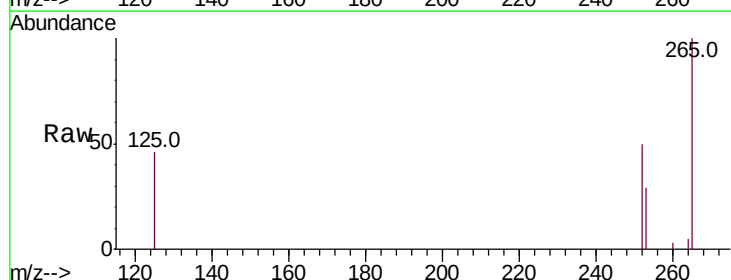
Tgt Ion:252 Resp: 2990

Ion Ratio Lower Upper

252 100

253 58.0 0.0 53.4#

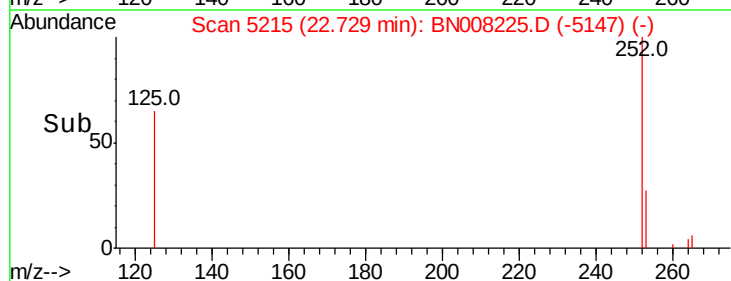
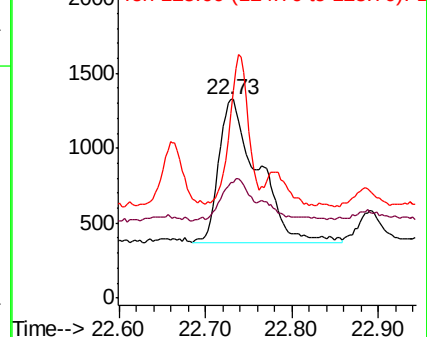
125 93.2 0.0 32.4#

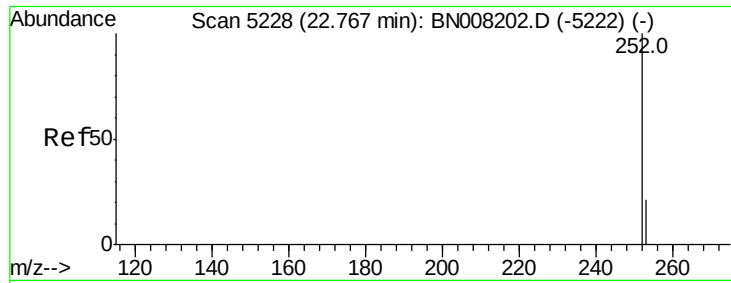


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.068 ng/ul

RT: 22.73 min Scan# 5215

Delta R.T. -0.04 min

Lab File: BN008225.D

Acq: 17 Oct 2019 16:46

Instrument :

BNA_N

ClientSampleId :

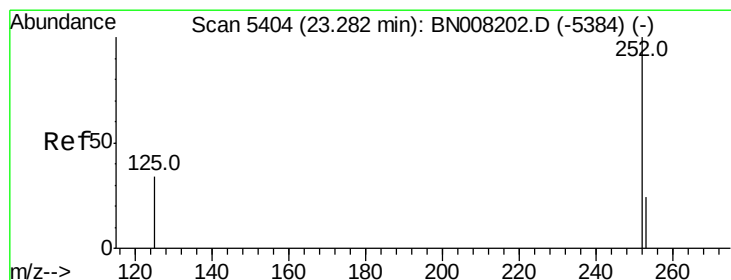
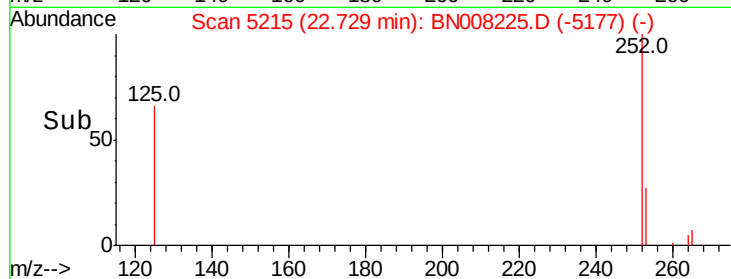
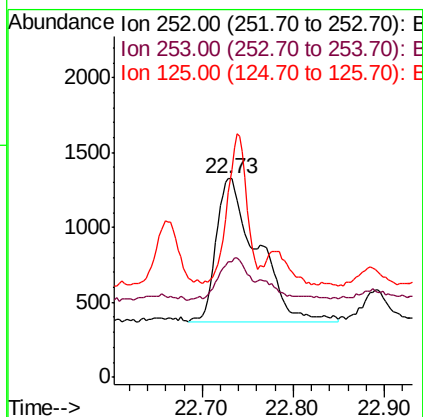
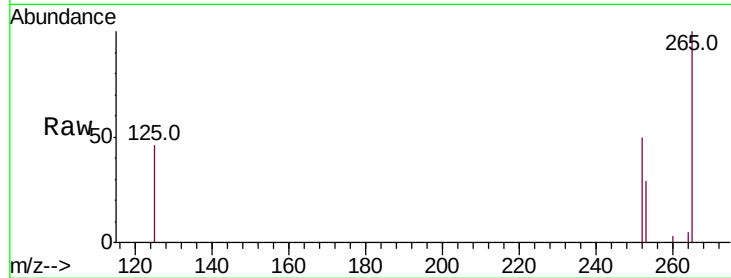
Tot Ion:252 Resp: 2976

Ion Ratio Lower Upper

252 100

253 58.0 21.3 31.9#

125 93.2 12.3 18.5#



#23

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 23.28 min Scan# 5403

Delta R.T. -0.00 min

Lab File: BN008225.D

Acq: 17 Oct 2019 16:46

Tgt Ion:252 Resp: 1222

Ion Ratio Lower Upper

252 100

253 64.6 22.8 34.2#

125 120.7 18.4 27.6#

