

Data File : BN009108.D
Acq On : 24 Dec 2019 03:47
Operator : JU
Sample : K6254-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C05

Quant Time: Dec 24 05:32:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 02:43:36 2019
Response via : Initial Calibration

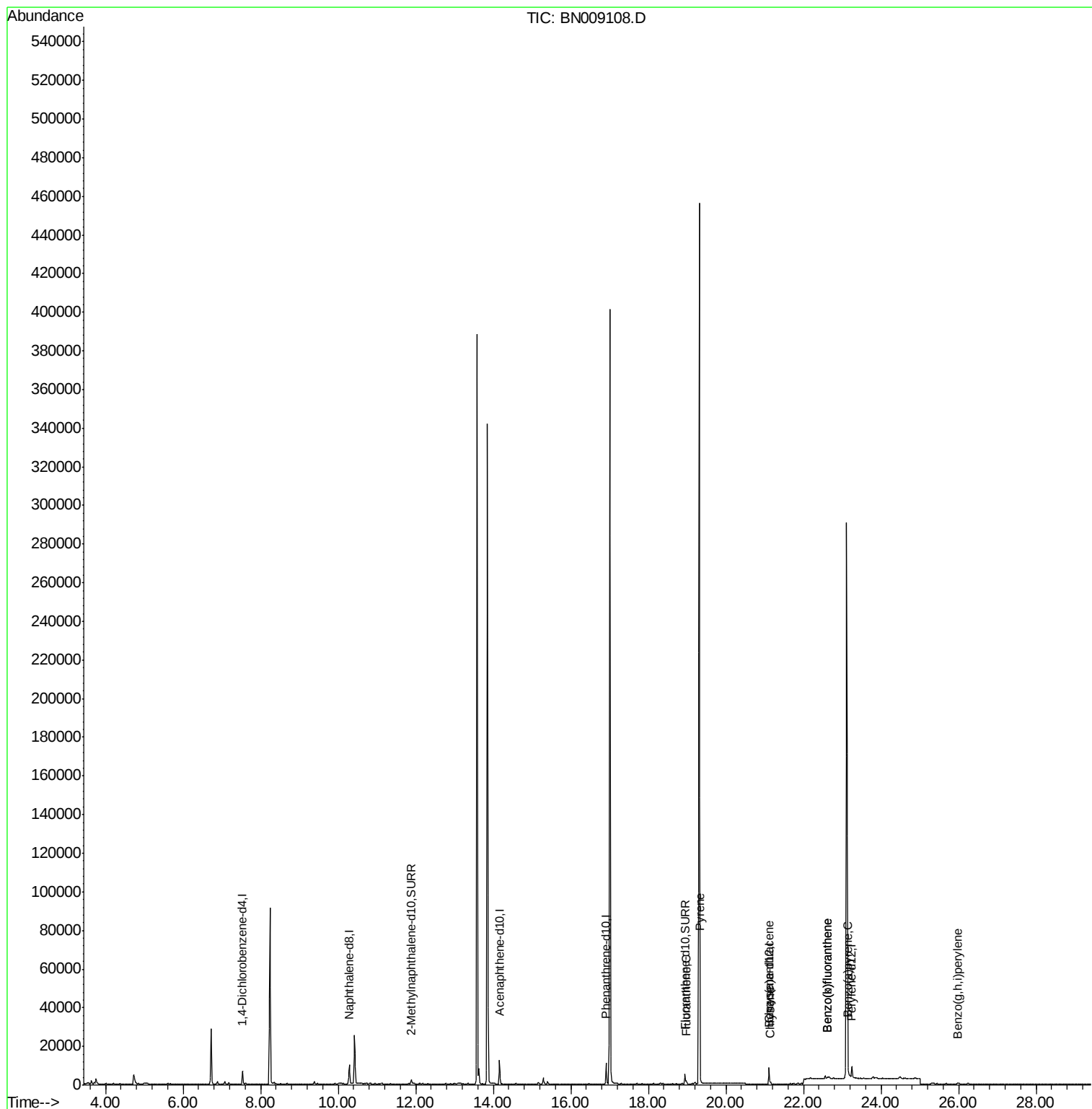
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	3417	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	12327	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.16	164	6516	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	11971	0.40	ng/ul	0.00
16) Chrysene-d12	21.11	240	7328	0.40	ng/ul	0.00
20) Perylene-d12	23.25	264	7735	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	2957	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.94	212	5162	0.15	ng/ul	0.00
Target Compounds				Qvalue		
15) Fluoranthene	18.97	202	1427	0.030	ng/ul	83
17) Pyrene	19.33	202	1386	0.037	ng/ul#	80
18) Benzo(a)anthracene	21.10	228	655	0.020	ng/ul#	81
19) Chrysene	21.15	228	886	0.027	ng/ul#	80
21) Benzo(b)fluoranthene	22.62	252	1457	0.040	ng/ul#	1
22) Benzo(k)fluoranthene	22.62	252	1457	0.040	ng/ul#	1
23) Benzo(a)pyrene	23.16	252	670	0.021	ng/ul#	1
26) Benzo(g,h,i)perylene	25.98	276	630	0.022	ng/ul#	46

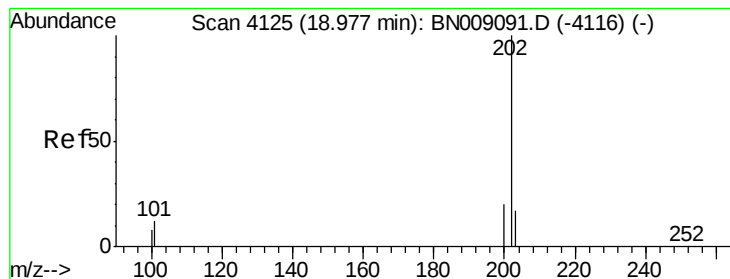
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Fluoranthene

Concen: 0.030 ng/ul

RT: 18.97 min Scan# 4124

Delta R.T. -0.00 min

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C0C05

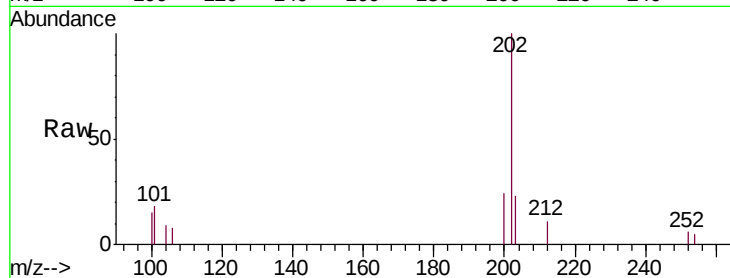
Tgt Ion:202 Resp: 1427

Ion Ratio Lower Upper

202 100

101 18.0 0.0 31.5

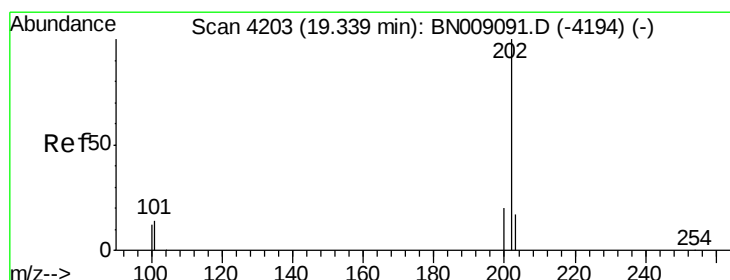
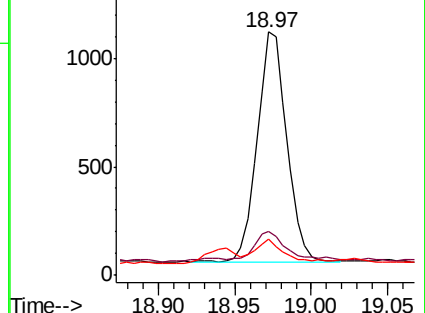
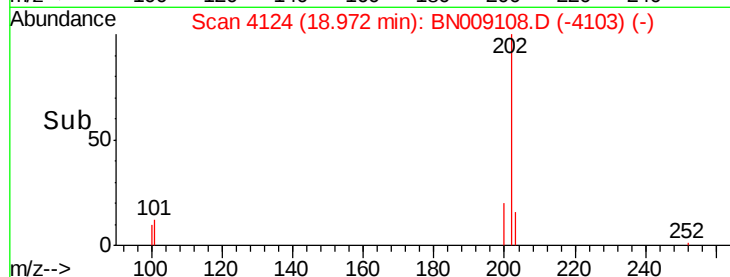
100 14.9 0.0 28.9



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



#17

Pyrene

Concen: 0.037 ng/ul

RT: 19.33 min Scan# 4202

Delta R.T. -0.00 min

Lab File: BN009108.D

Acq: 24 Dec 2019 03:47

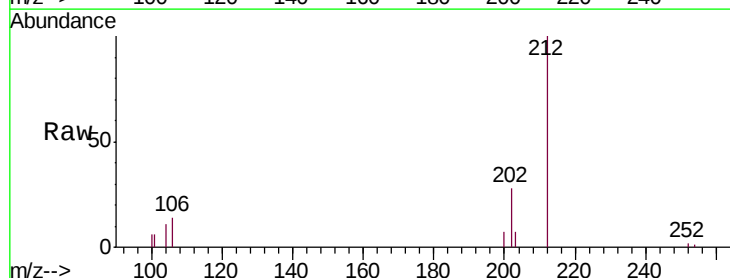
Tgt Ion:202 Resp: 1386

Ion Ratio Lower Upper

202 100

101 21.0 10.9 16.3#

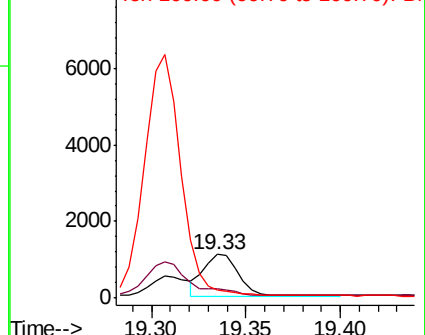
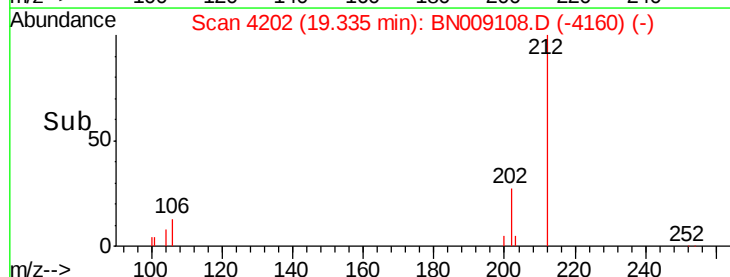
100 19.7 9.0 13.6#

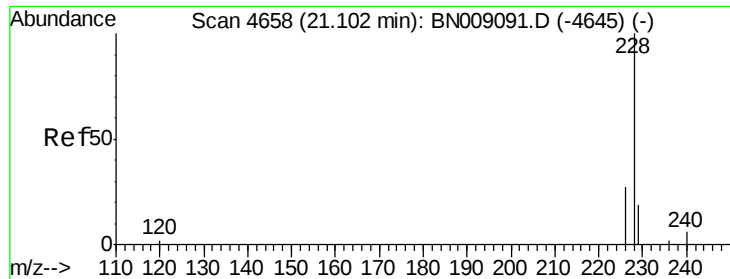


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.020 ng/ul

RT: 21.10 min Scan# 4656

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

C0C05

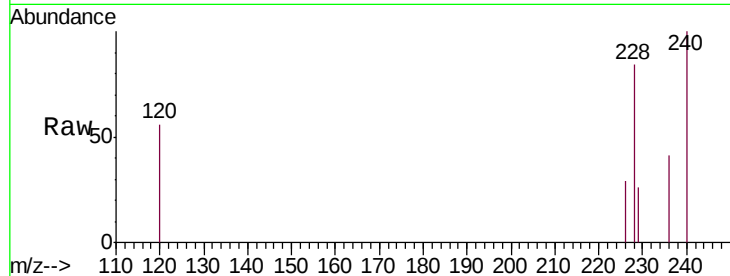
Tgt Ion:228 Resp: 655

Ion Ratio Lower Upper

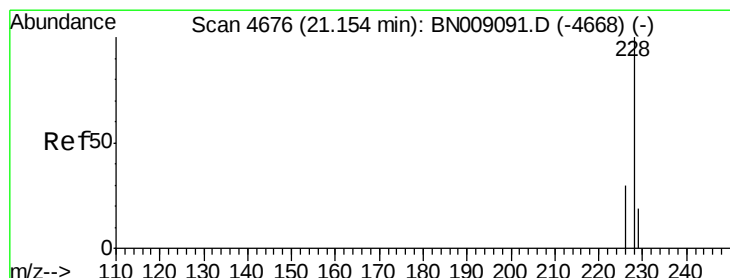
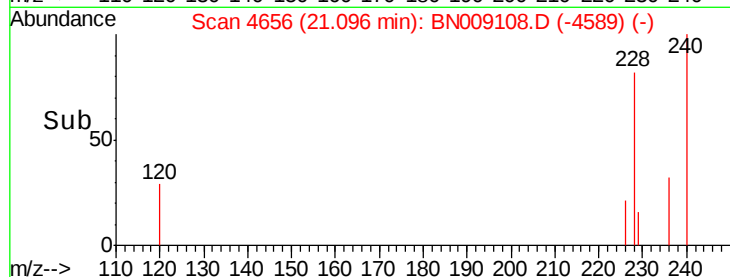
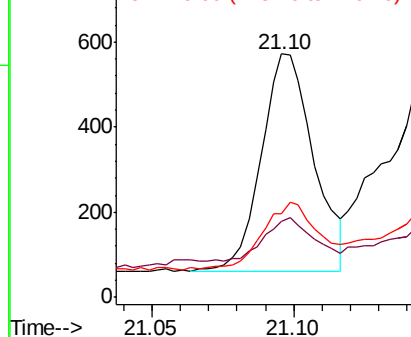
228 100

229 31.3 15.5 23.3#

226 34.6 21.7 32.5#



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: 0.027 ng/ul

RT: 21.15 min Scan# 4674

Delta R.T. -0.01 min

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Acq: 24 Dec 2019 03:47

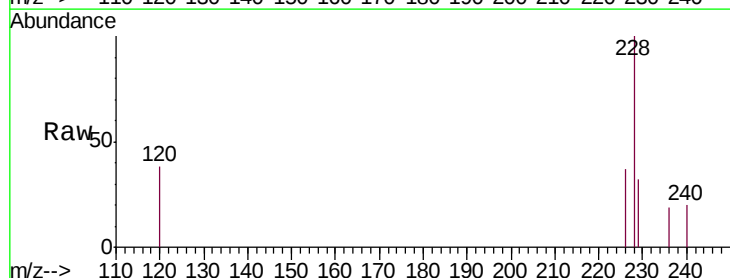
Tgt Ion:228 Resp: 886

Ion Ratio Lower Upper

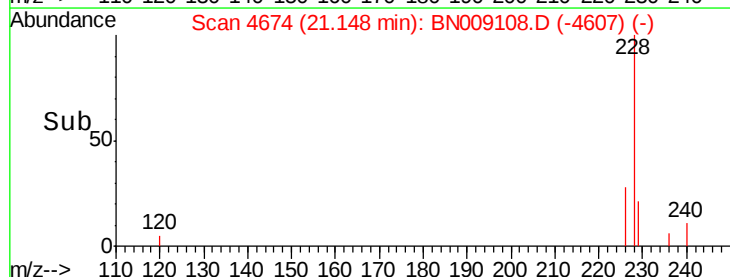
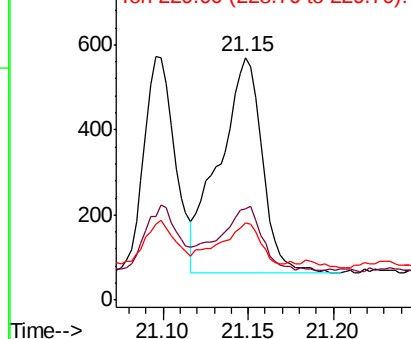
228 100

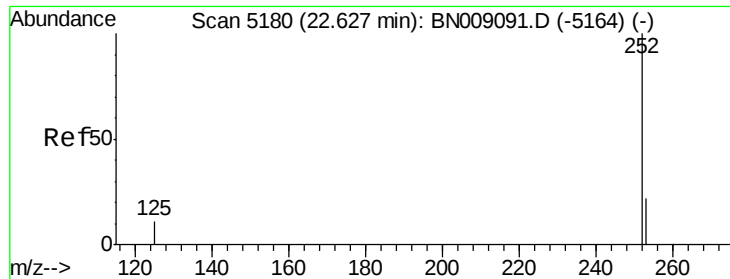
226 37.5 23.7 35.5#

229 31.7 15.4 23.0#



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: 0.040 ng/ul

RT: 22.62 min Scan# 5178

Delta R.T. -0.01 min

Lab File: BN009108.D

Acq: 24 Dec 2019 03:47

Instrument :

BNA_N

ClientSampleId :

C0C05

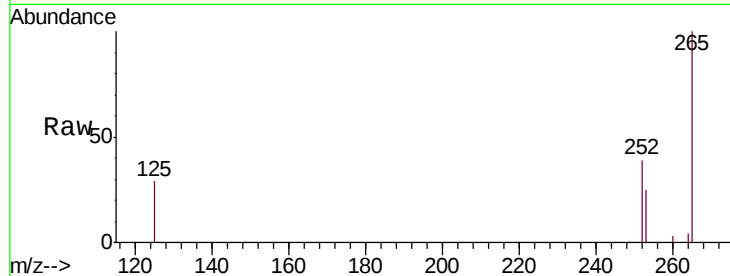
Tgt Ion:252 Resp: 1457

Ion Ratio Lower Upper

252 100

253 65.1 0.0 48.2#

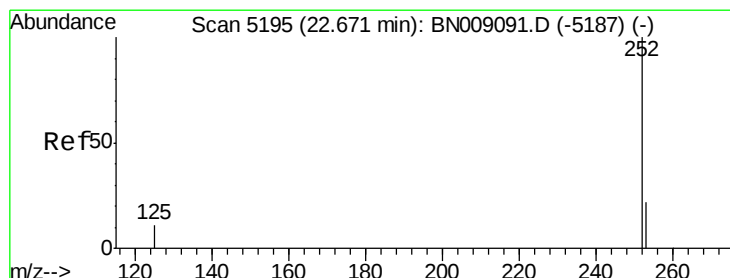
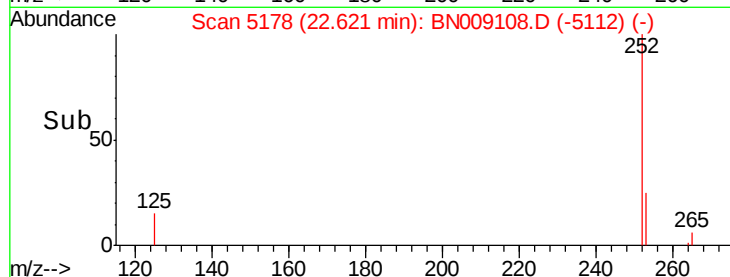
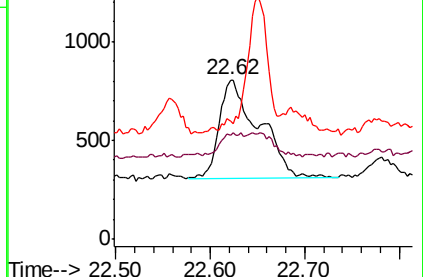
125 74.3 0.0 30.0#



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: 0.040 ng/ul

RT: 22.62 min Scan# 5178

Delta R.T. -0.05 min

Lab File: BN009108.D

Acq: 24 Dec 2019 03:47

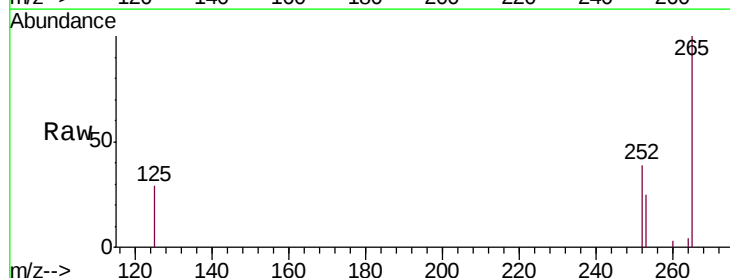
Tgt Ion:252 Resp: 1457

Ion Ratio Lower Upper

252 100

253 65.1 19.4 29.0#

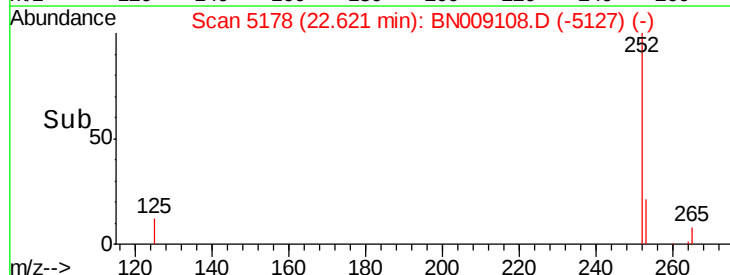
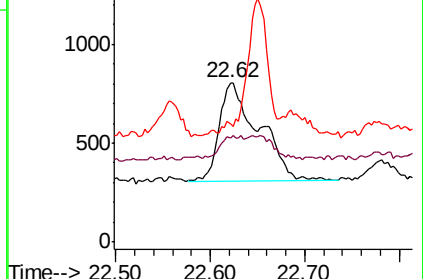
125 74.3 12.4 18.6#

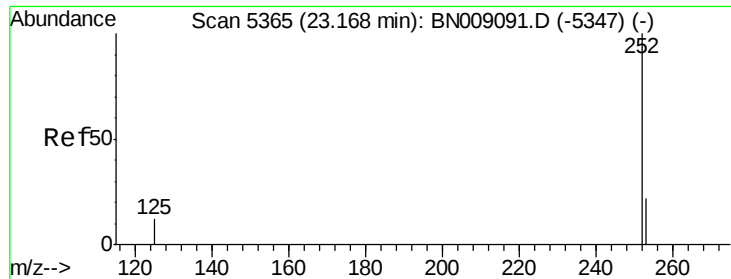


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.021 ng/ul

RT: 23.16 min Scan# 5361

Delta R.T. -0.01 min

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C0C05

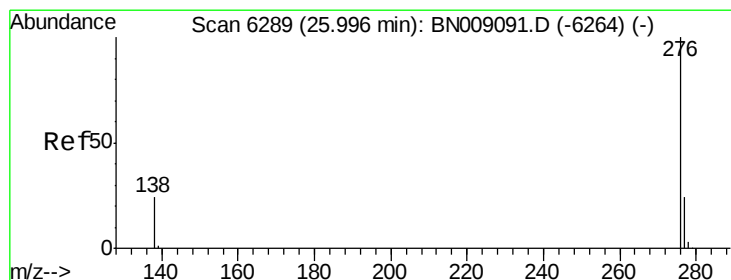
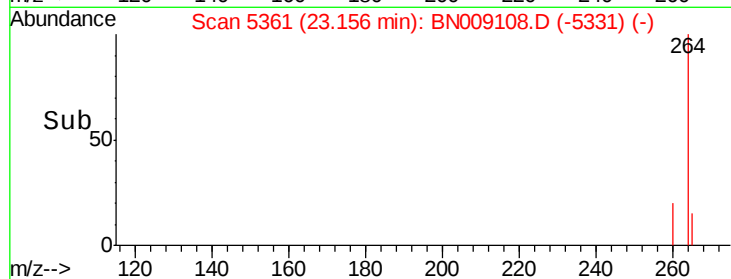
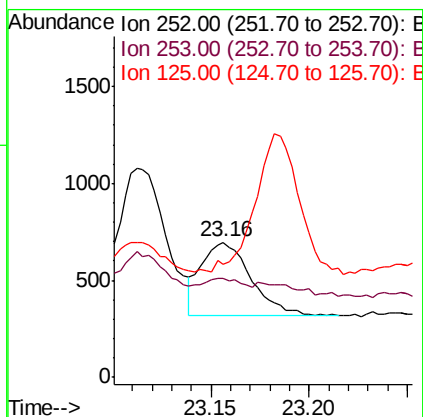
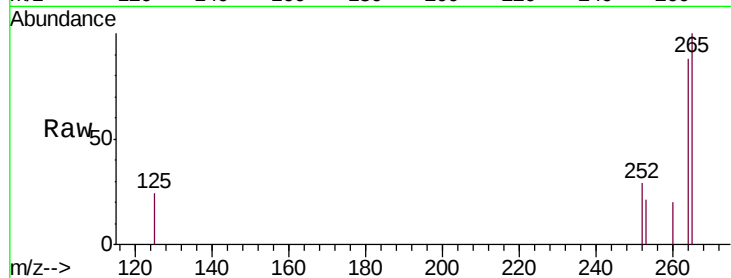
Tgt Ion:252 Resp: 670

Ion Ratio Lower Upper

252 100

253 73.7 20.2 30.4#

125 83.6 13.2 19.8#



#26

Benzo(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 25.98 min Scan# 6285

Delta R.T. -0.01 min

Lab File: BN009108.D

Acq: 24 Dec 2019 03:47

Tgt Ion:276 Resp: 630

Ion Ratio Lower Upper

276 100

138 55.9 20.6 30.8#

277 48.3 19.6 29.4#

