

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006358.D
 Acq On : 17 Jun 2019 21:01
 Operator : JU/SJ
 Sample : K3332-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:52:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

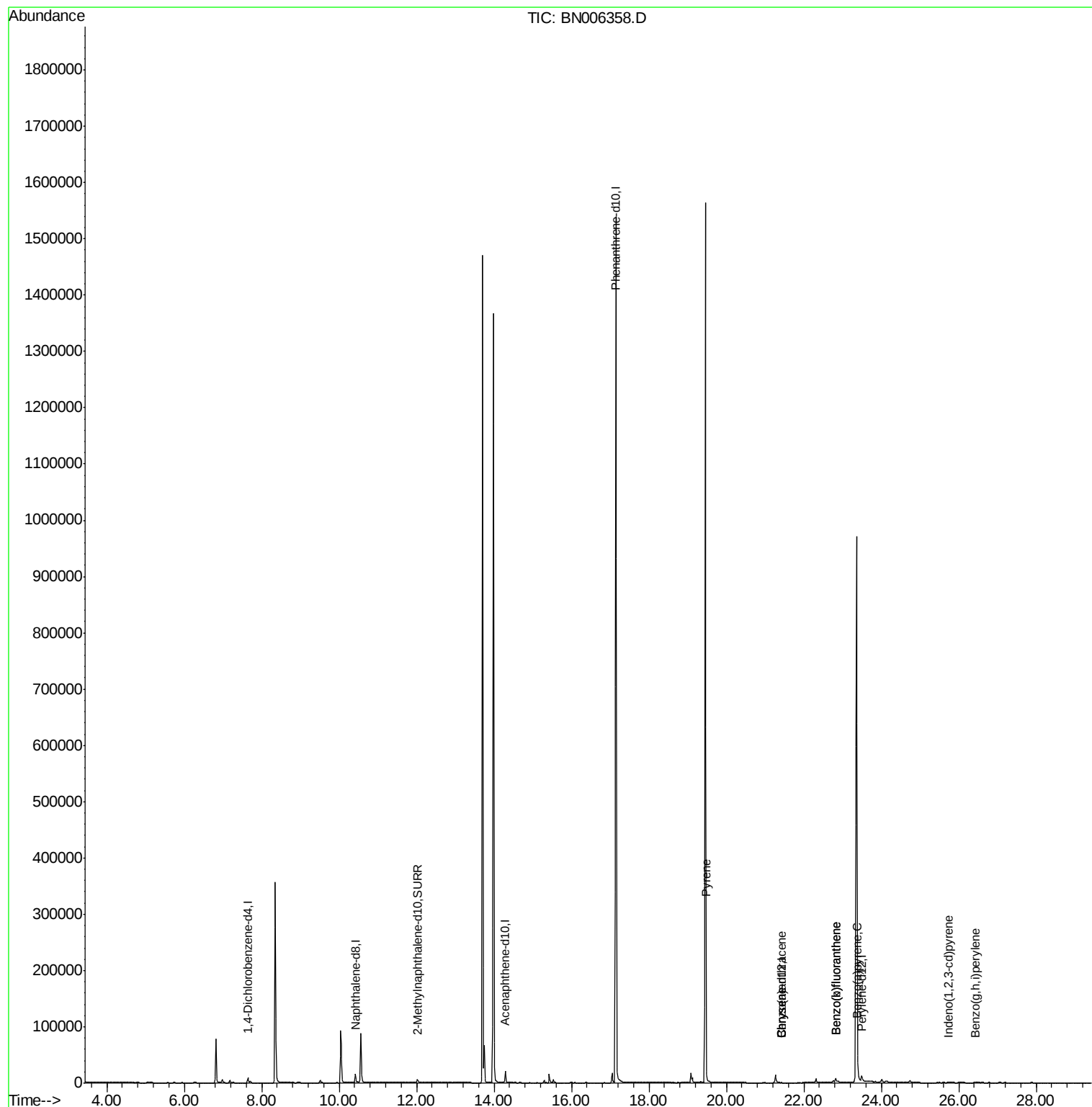
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11377	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1678575	0.40	ng/ul	0.09
16) Chrysene-d12	21.42	240	65	0.40	ng/ul	0.15
20) Perylene-d12	23.50	264	21238	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	10407	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	19.48	202	6114	17.857	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	386	1.343	ng/ul#	5
19) Chrysene	21.42	228	380	1.408	ng/ul#	10
21) Benzo(b)fluoranthene	22.83	252	6047	0.068	ng/ul#	43
22) Benzo(k)fluoranthene	22.83	252	6047	0.070	ng/ul#	40
23) Benzo(a)pyrene	23.40	252	2643	0.032	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.74	276	1939	0.022	ng/ul#	95
26) Benzo(g,h,i)perylene	26.42	276	2032	0.027	ng/ul#	79

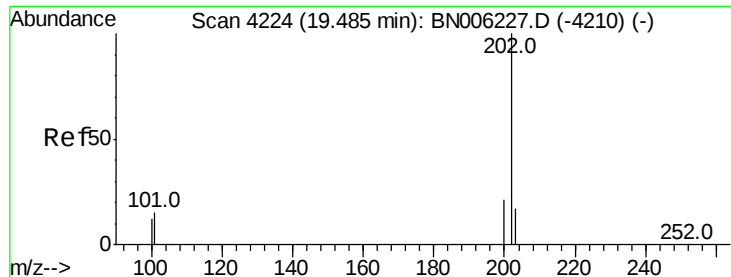
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pvrene

Concen: 17.857 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.00 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

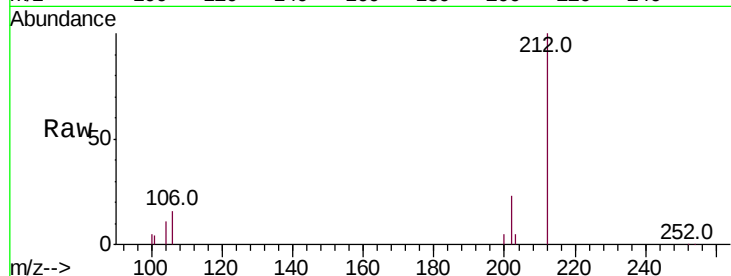
Tot Ion:202 Resp: 6114

Ion Ratio Lower Upper

202 100

101 19.4 12.2 18.2#

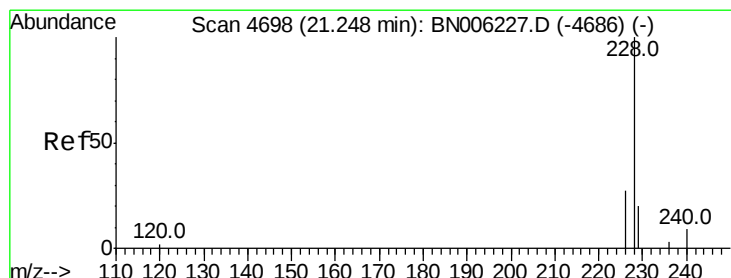
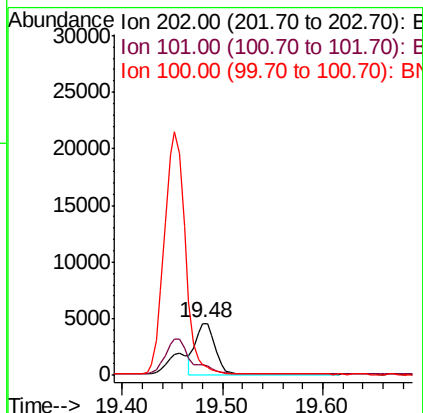
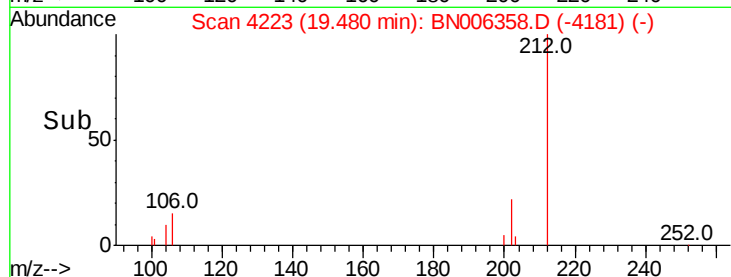
100 20.1 9.8 14.6#



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): E



#18

Benzo(a)anthracene

Concen: 1.343 ng/ul

RT: 21.42 min Scan# 4757

Delta R.T. 0.17 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

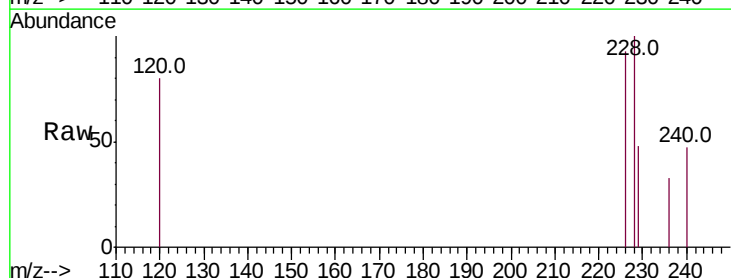
Tgt Ion:228 Resp: 386

Ion Ratio Lower Upper

228 100

229 47.7 16.5 24.7#

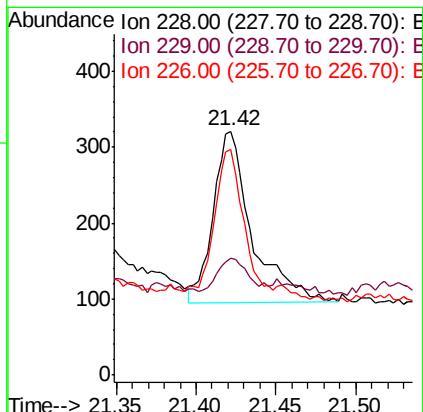
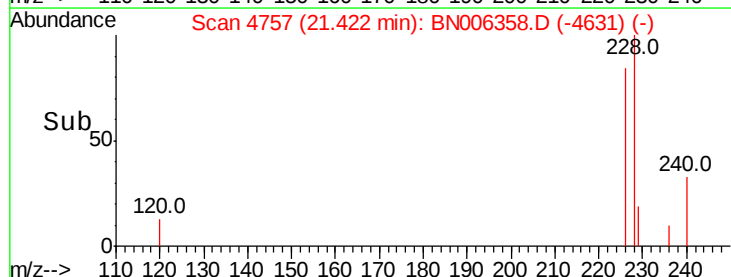
226 92.5 22.8 34.2#

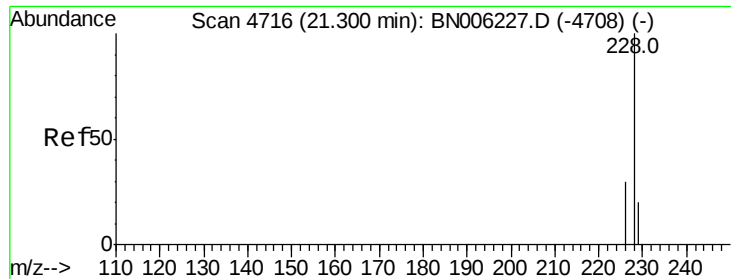


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.408 ng/ul

RT: 21.42 min Scan# 4757

Delta R.T. 0.12 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

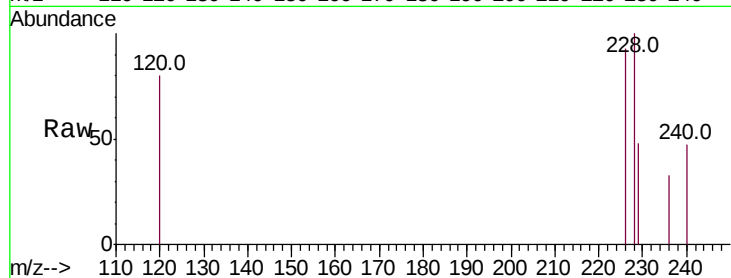
Tot Ion:228 Resp: 380

Ion Ratio Lower Upper

228 100

226 92.5 25.0 37.6#

229 47.7 16.3 24.5#



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

21.42

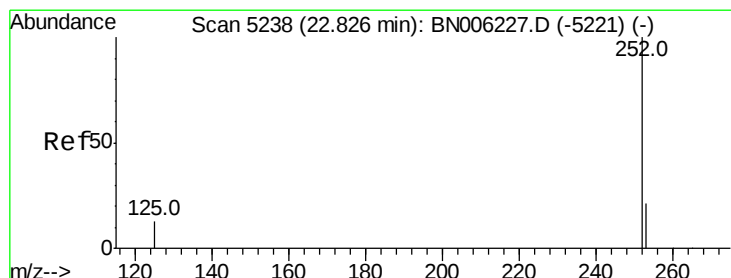
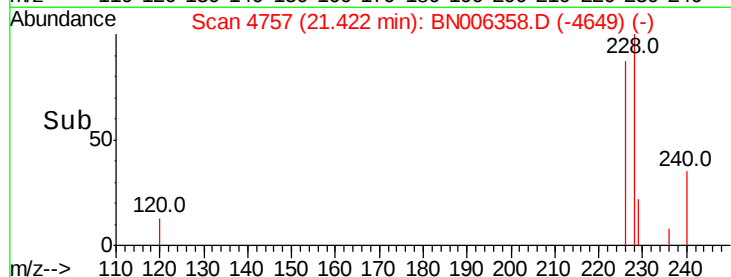
300

200

100

0

Time--> 21.35 21.40 21.45 21.50



#21

Benzo(b)fluoranthene

Concen: 0.068 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

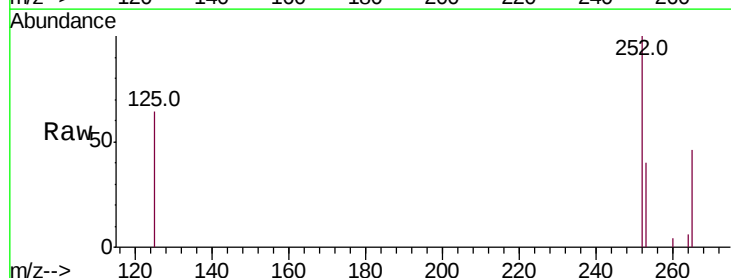
Tgt Ion:252 Resp: 6047

Ion Ratio Lower Upper

252 100

253 39.8 0.0 51.4

125 63.7 0.0 41.0#



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

22.83

8000

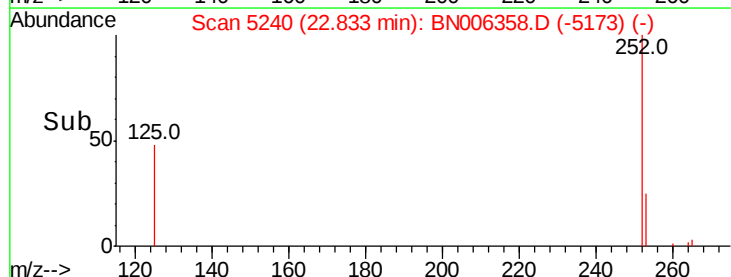
6000

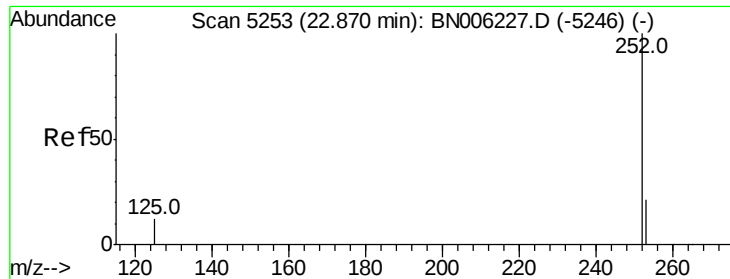
4000

2000

0

Time--> 22.70 22.80 22.90 23.00





#22

Benzo(k)fluoranthene

Concen: 0.070 ng/u1

RT: 22.83 min Scan# 5240

Delta R.T. -0.05 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

Instrument :

BNA_N

ClientSampleId :

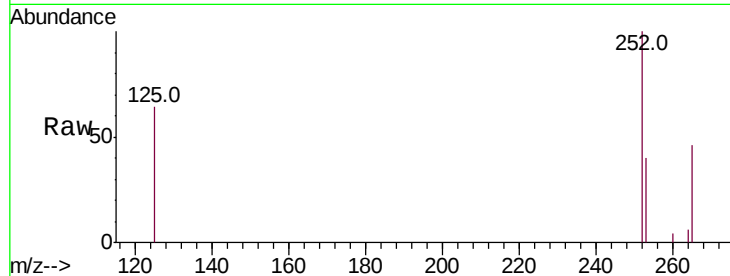
Tot Ion:252 Resp: 6047

Ion Ratio Lower Upper

252 100

253 39.8 20.3 30.5#

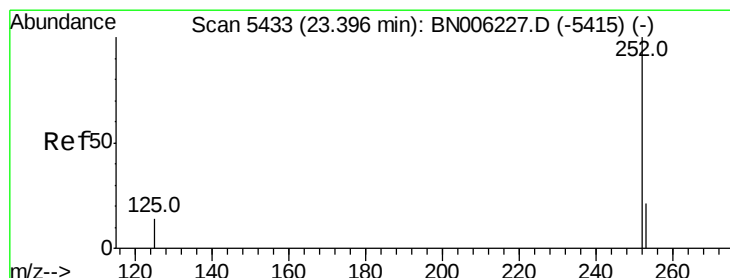
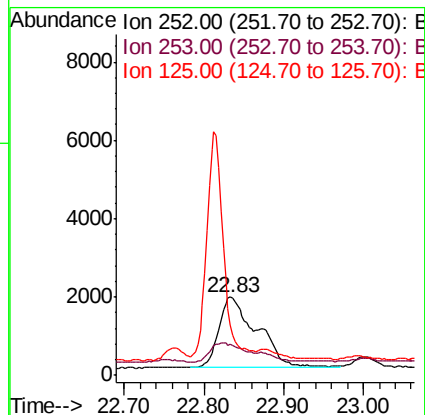
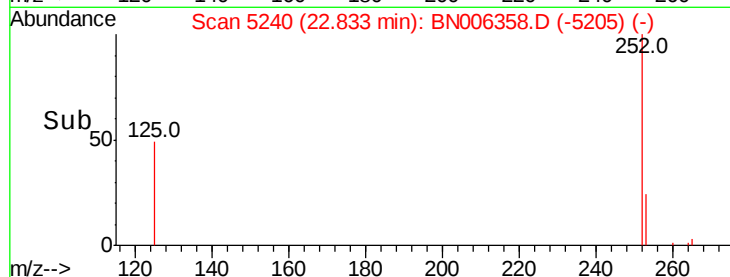
125 63.7 14.3 21.5#



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



#23

Benzo(a)pyrene

Concen: 0.032 ng/u1

RT: 23.40 min Scan# 5434

Delta R.T. -0.01 min

Lab File: BN006358.D

Acq: 17 Jun 2019 21:01

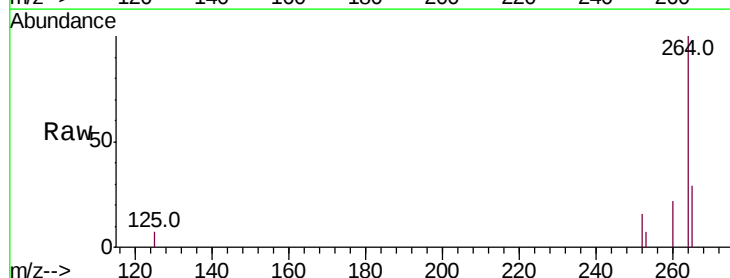
Tgt Ion:252 Resp: 2643

Ion Ratio Lower Upper

252 100

253 41.7 21.1 31.7#

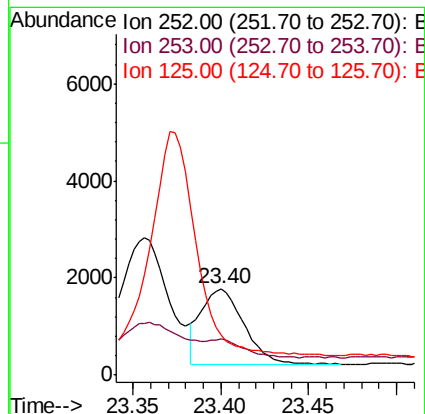
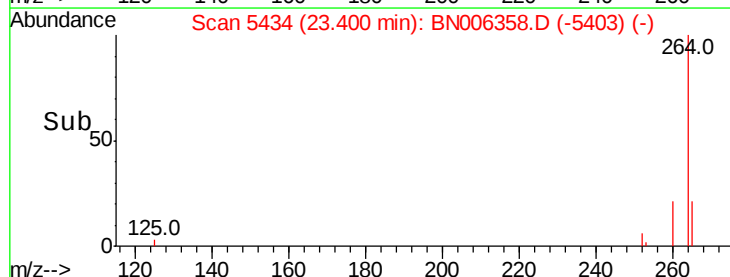
125 46.7 20.3 30.5#

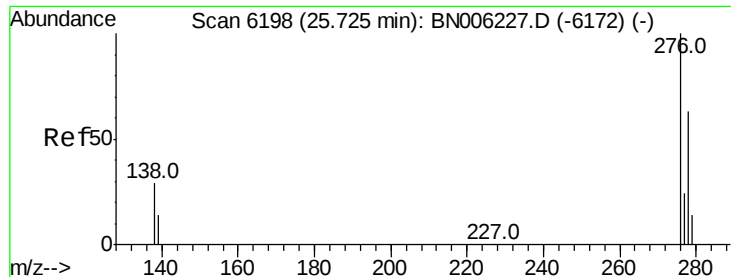


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

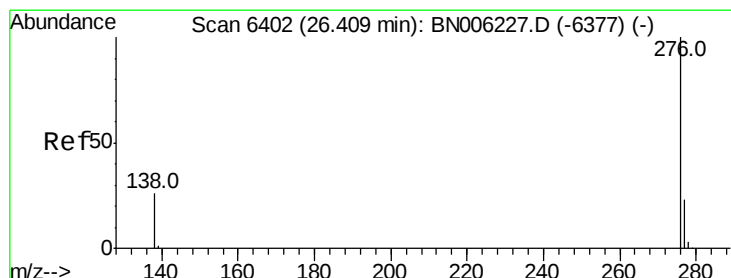
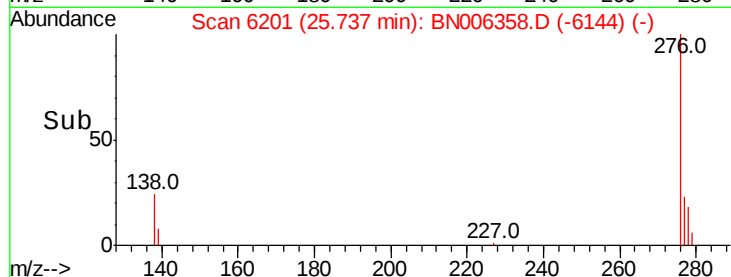
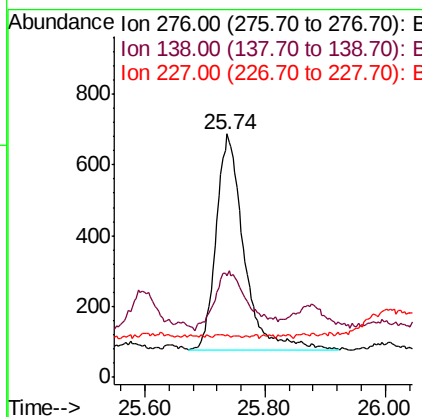
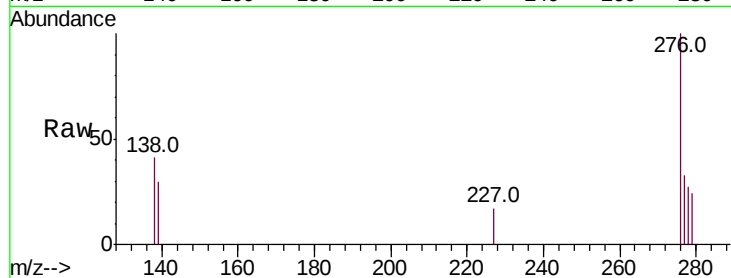




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/ul
 RT: 25.74 min Scan# 6201
 Delta R.T. -0.01 min
 Lab File: BN006358.D
 Acq: 17 Jun 2019 21:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 1939
 Ion Ratio Lower Upper
 276 100
 138 34.8 25.6 38.4
 227 0.2 0.3 0.5#



#26
 Benzo(g,h,i)perylene
 Concen: 0.027 ng/ul
 RT: 26.42 min Scan# 6406
 Delta R.T. -0.01 min
 Lab File: BN006358.D
 Acq: 17 Jun 2019 21:01

Tgt Ion:276 Resp: 2032
 Ion Ratio Lower Upper
 276 100
 138 45.2 24.2 36.4#
 277 34.3 21.5 32.3#

