

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006290.D
 Acq On : 12 Jun 2019 20:46
 Operator : JU/SJ
 Sample : K3231-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 01:22:30 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

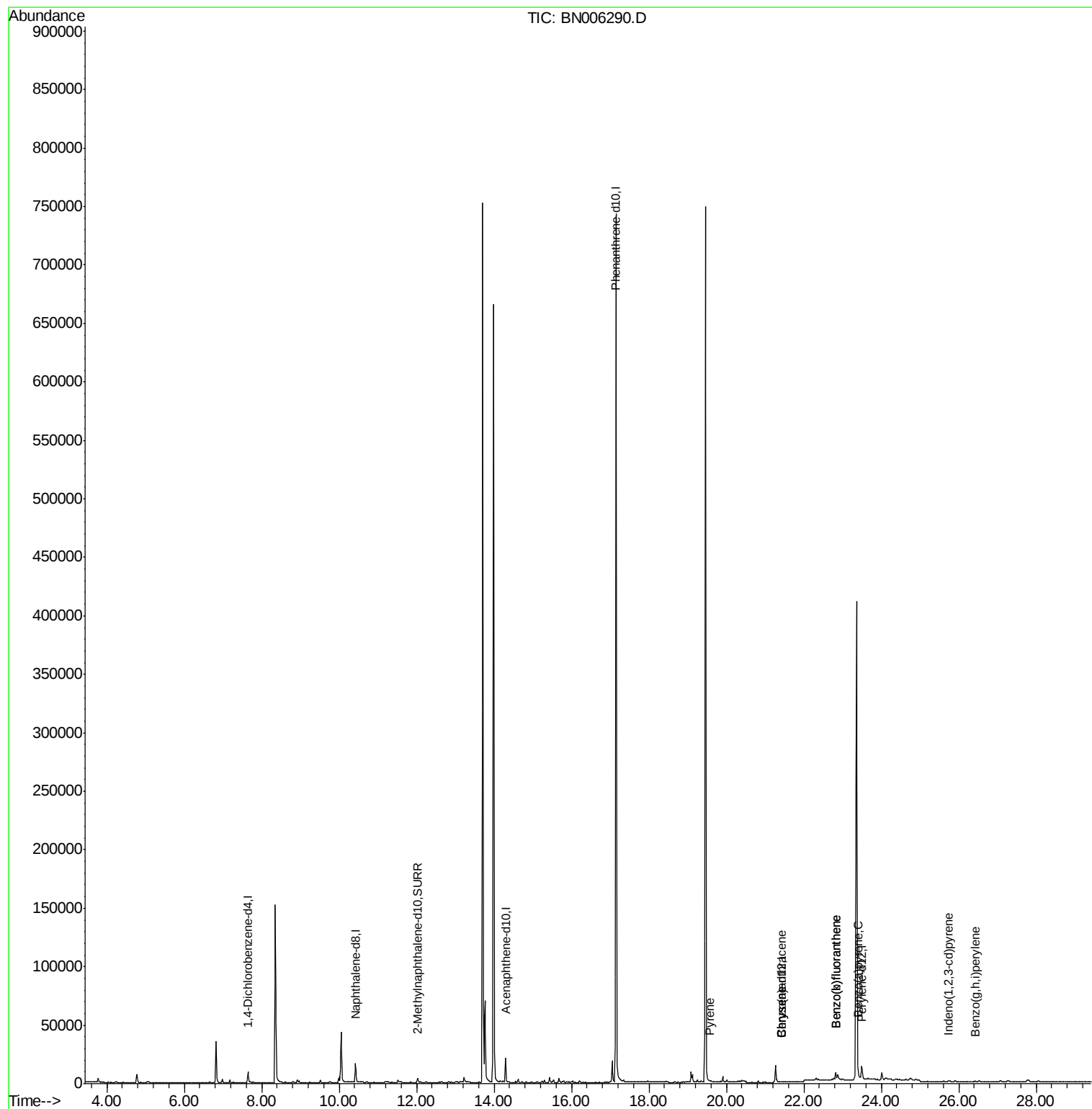
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5394	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21761	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11368	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	819273	0.40	ng/ul	0.09
16) Chrysene-d12	21.41	240	87	0.40	ng/ul	0.12
20) Perylene-d12	23.50	264	14500	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5320	0.16	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
17) Pyrene	19.57	202	182	0.397	ng/ul#	1
18) Benzo(a)anthracene	21.42	228	160	0.416	ng/ul#	1
19) Chrysene	21.42	228	127	0.352	ng/ul#	1
21) Benzo(b)fluoranthene	22.83	252	5461	0.090	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	5393	0.092	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	1589	0.028	ng/ul#	10
24) Indeno(1,2,3-cd)pyrene	25.73	276	1653	0.027	ng/ul#	95
26) Benzo(g,h,i)perylene	26.42	276	1562	0.031	ng/ul#	50

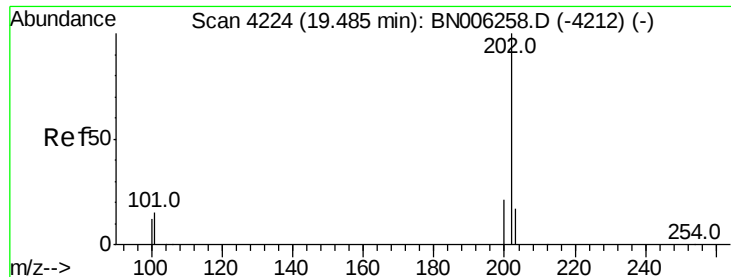
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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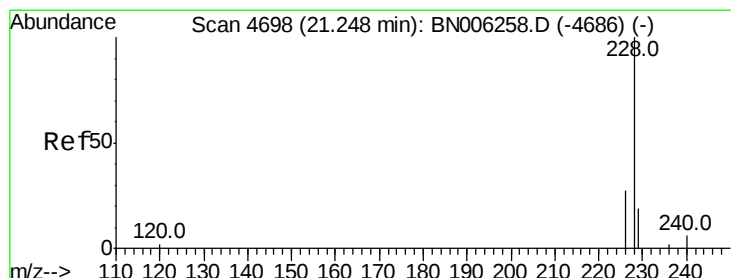
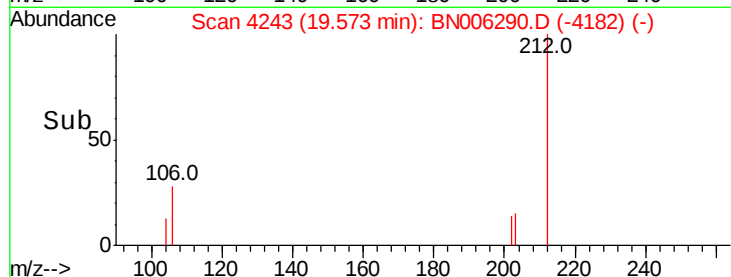
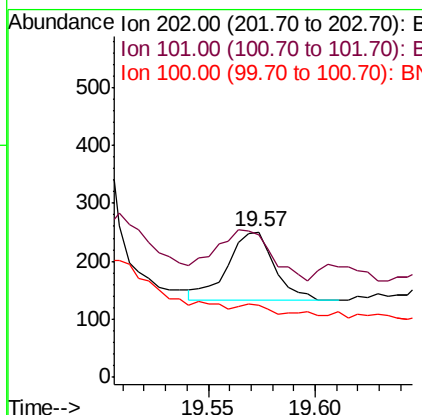
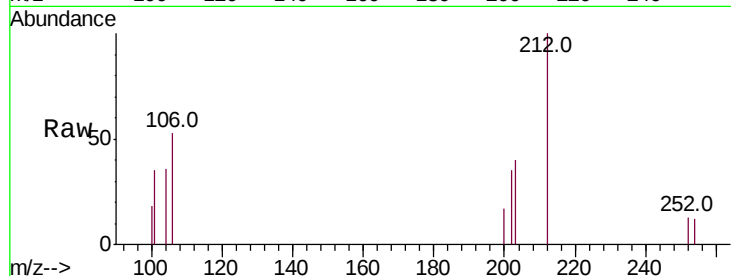




#17
Pvrene
Concen: 0.397 ng/ul
RT: 19.57 min Scan# 4243
Delta R.T. 0.08 min
Lab File: BN006290.D
Acq: 12 Jun 2019 20:46

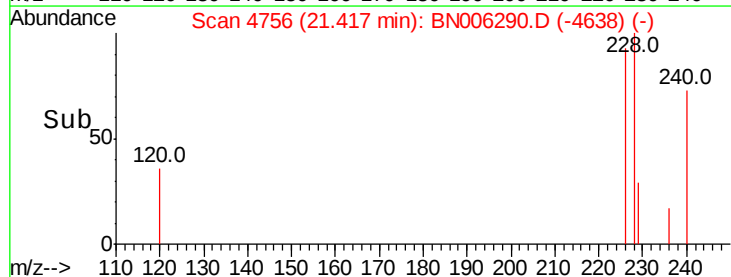
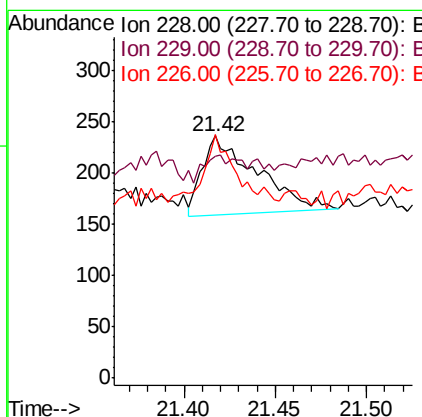
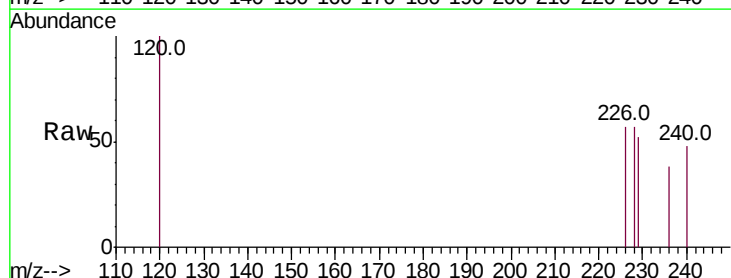
Instrument :
BNA_N
ClientSampleId :

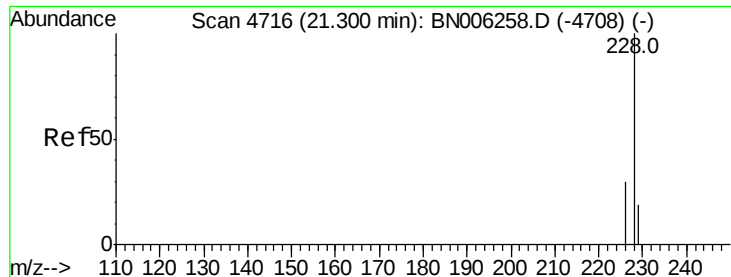
Tot Ion:202 Resp: 182
Ion Ratio Lower Upper
202 100
101 98.4 12.2 18.2#
100 50.0 9.8 14.6#



#18
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.42 min Scan# 4756
Delta R.T. 0.15 min
Lab File: BN006290.D
Acq: 12 Jun 2019 20:46

Tgt Ion:228 Resp: 160
Ion Ratio Lower Upper
228 100
229 91.5 16.5 24.7#
226 100.4 22.8 34.2#





#19

Chrysene

Concen: 0.352 ng/ul

RT: 21.42 min Scan# 4756

Delta R.T. 0.09 min

Lab File: BN006290.D

Acq: 12 Jun 2019 20:46

Instrument :

BNA_N

ClientSampleId :

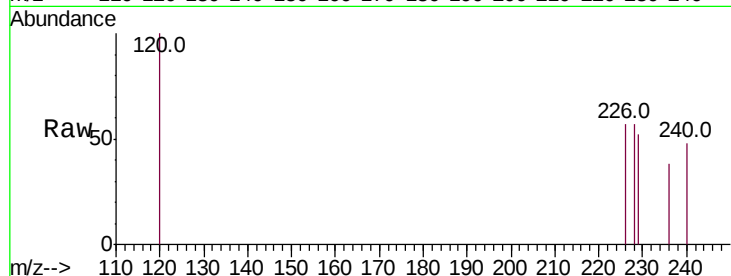
Tot Ion:228 Resp: 127

Ion Ratio Lower Upper

228 100

226 100.4 25.0 37.6#

229 91.5 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

250

200

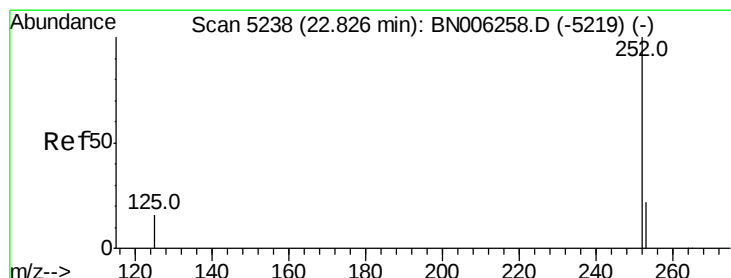
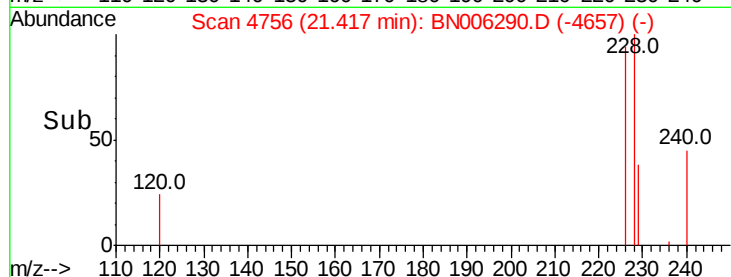
150

100

50

0

Time--> 21.40 21.45



#21

Benzo(b)fluoranthene

Concen: 0.090 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.04 min

Lab File: BN006290.D

Acq: 12 Jun 2019 20:46

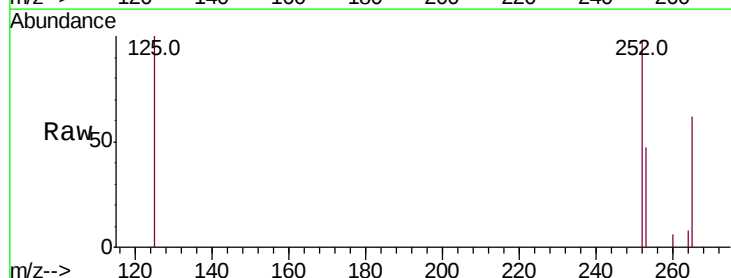
Tgt Ion:252 Resp: 5461

Ion Ratio Lower Upper

252 100

253 48.3 0.0 51.4

125 102.4 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

8000

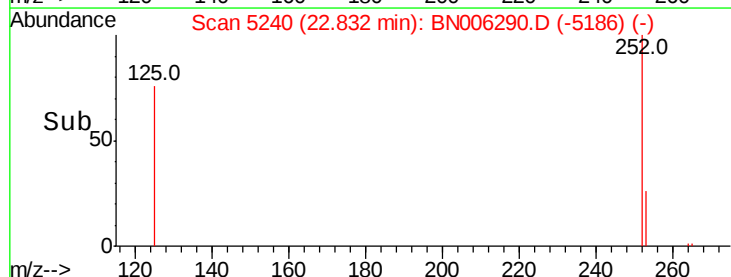
6000

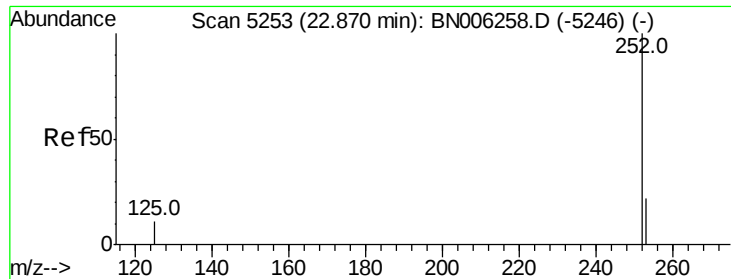
4000

2000

0

Time--> 22.70 22.80 22.90 23.00





#22

Benzo(k)fluoranthene

Concen: 0.092 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.09 min

Lab File: BN006290.D

Acq: 12 Jun 2019 20:46

Instrument :

BNA_N

ClientSampleId :

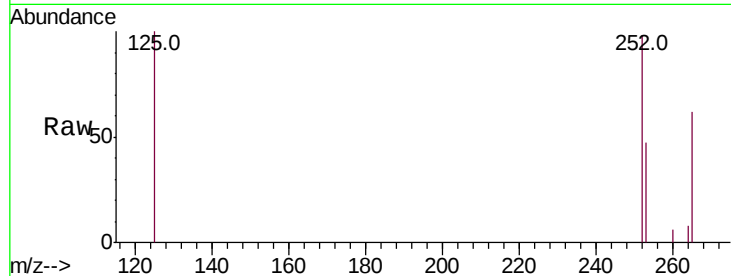
Tot Ion:252 Resp: 5393

Ion Ratio Lower Upper

252 100

253 48.3 20.3 30.5#

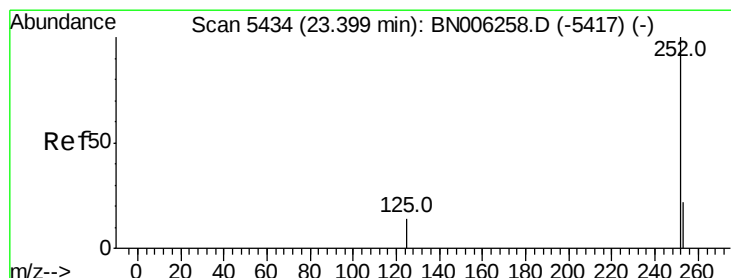
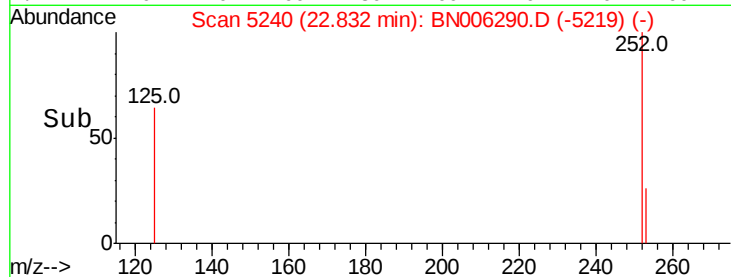
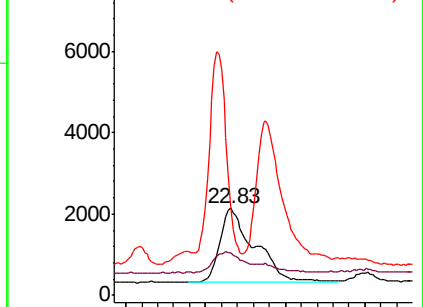
125 102.4 14.3 21.5#



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: 0.028 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. -0.05 min

Lab File: BN006290.D

Acq: 12 Jun 2019 20:46

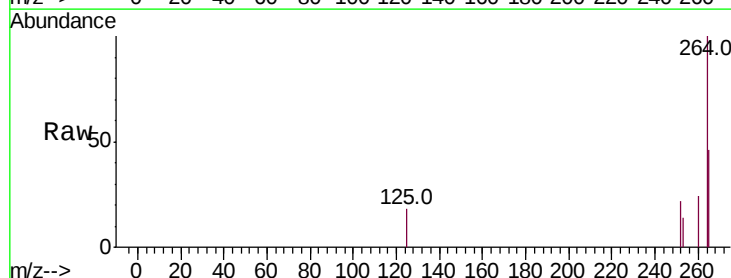
Tgt Ion:252 Resp: 1589

Ion Ratio Lower Upper

252 100

253 64.1 21.1 31.7#

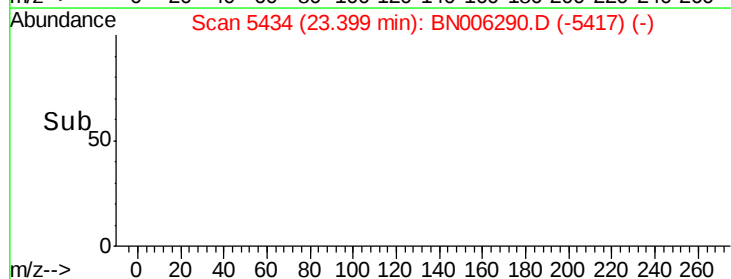
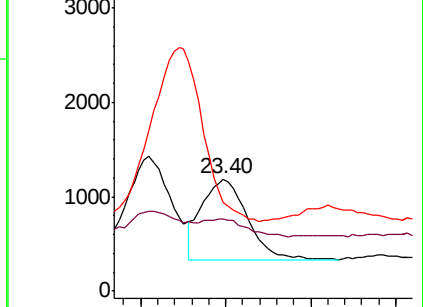
125 79.9 20.3 30.5#

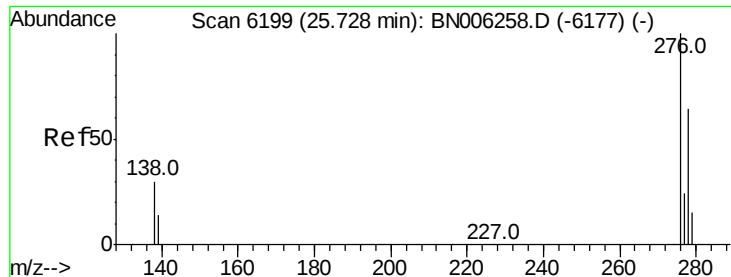


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



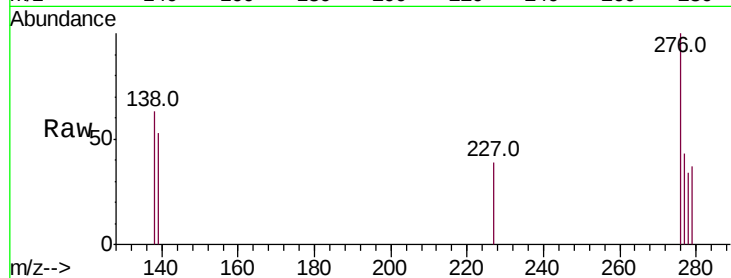


#24

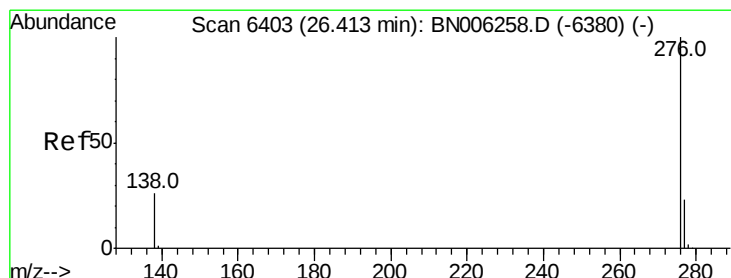
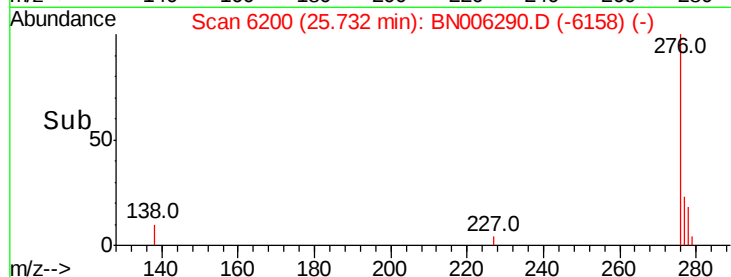
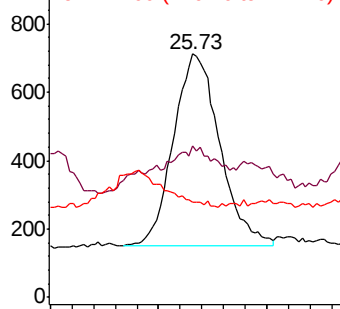
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/uL
RT: 25.73 min Scan# 6200
Delta R.T. -0.06 min
Lab File: BN006290.D
Acq: 12 Jun 2019 20:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 1653
Ion Ratio Lower Upper
276 100
138 28.9 25.6 38.4
227 0.0 0.3 0.5#



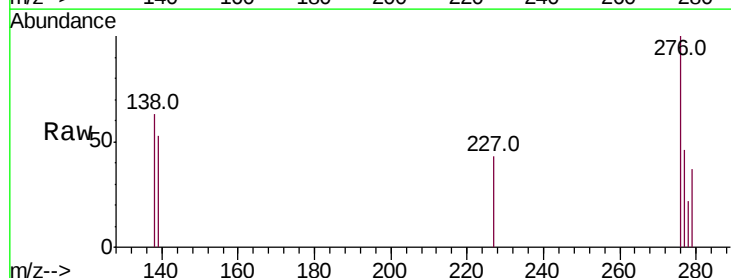
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



#26

Benzo(g,h,i)perylene
Concen: 0.031 ng/uL
RT: 26.42 min Scan# 6405
Delta R.T. -0.05 min
Lab File: BN006290.D
Acq: 12 Jun 2019 20:46

Tgt Ion:276 Resp: 1562
Ion Ratio Lower Upper
276 100
138 63.2 24.2 36.4#
277 46.5 21.5 32.3#



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

