

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
 Data File : BN005718.D
 Acq On : 17 May 2019 00:20
 Operator : JU/SJ
 Sample : K2690-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5163

Quant Time: May 17 04:40:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1396	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	5928	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3882	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	579872	0.40	ng/ul	0.10
16) Chrysene-d12	21.34	240	190	0.40	ng/ul	0.12
20) Perylene-d12	23.43	264	6468	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	2896	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	224	0.00	ng/ul	0.10

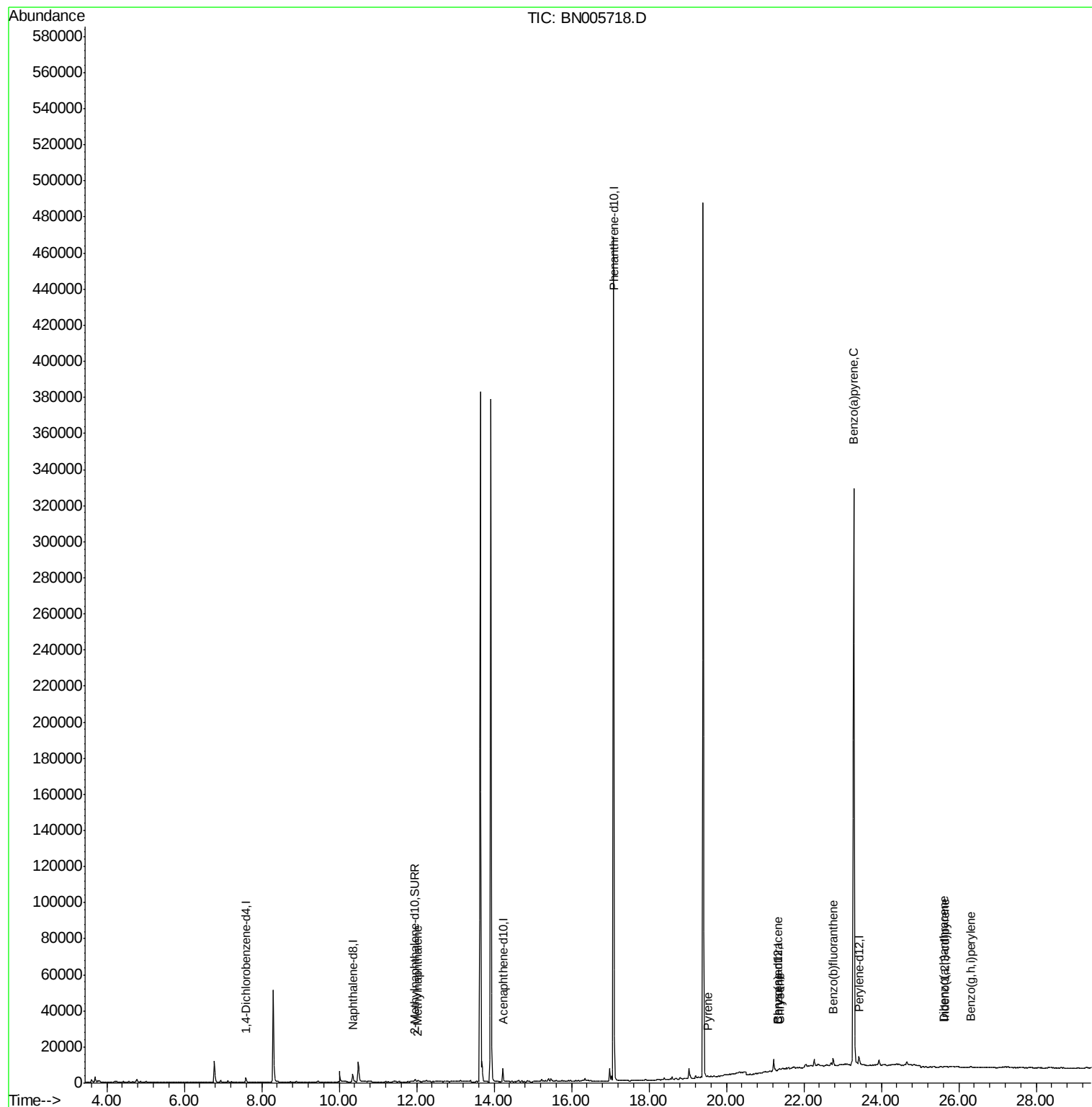
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) 2-Methylnaphthalene	12.03	142	573	0.053	ng/ul	100
17) Pyrene	19.51	202	473	0.674	ng/ul#	50
18) Benzo(a)anthracene	21.33	228	266	0.406	ng/ul#	1
19) Chrysene	21.37	228	181	0.225	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	1856	0.095	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	953	0.044	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.63	276	517	0.021	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.61	278	418	0.021	ng/ul#	1
26) Benzo(g,h,i)perylene	26.31	276	1870	0.090	ng/ul#	1

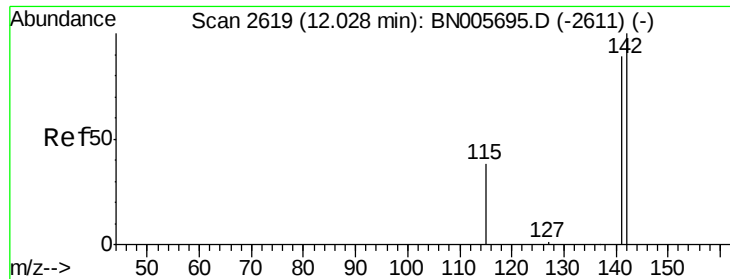
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

Instrument :

BNA_N

ClientSampleId :

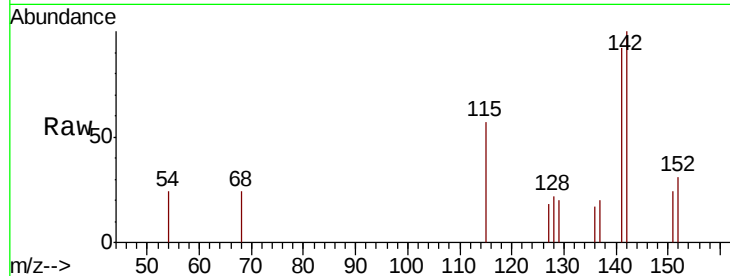
A5163

Tgt Ion:142 Resp: 573

Ion Ratio Lower Upper

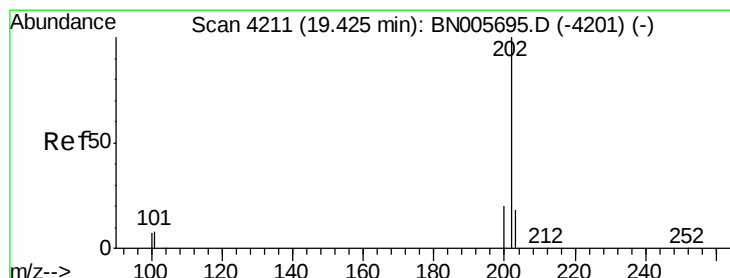
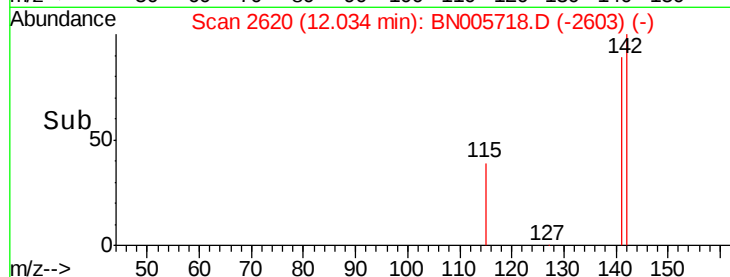
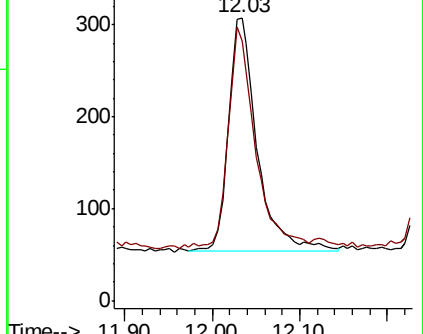
142 100

141 90.2 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#17

Pyrene

Concen: 0.674 ng/ul

RT: 19.51 min Scan# 4230

Delta R.T. 0.08 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

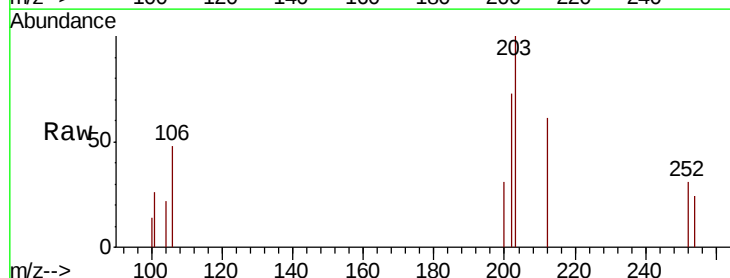
Tgt Ion:202 Resp: 473

Ion Ratio Lower Upper

202 100

101 36.3 8.5 12.7#

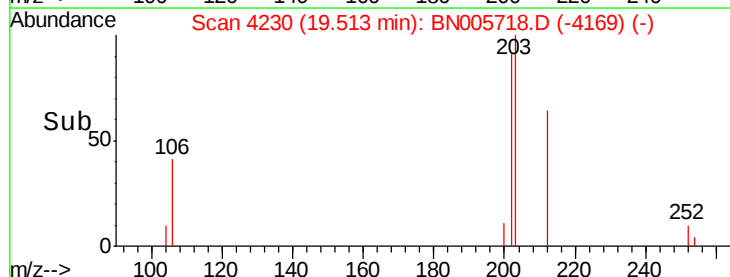
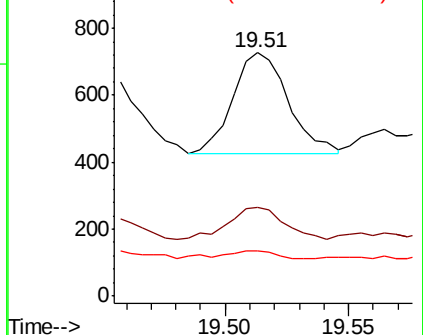
100 18.7 6.9 10.3#

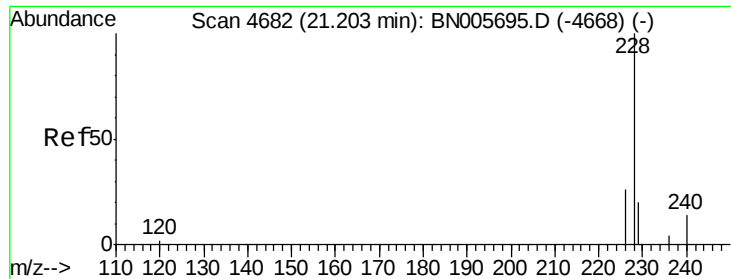


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.406 ng/ul

RT: 21.33 min Scan# 4727

Delta R.T. 0.13 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

Instrument :

BNA_N

ClientSampleId :

A5163

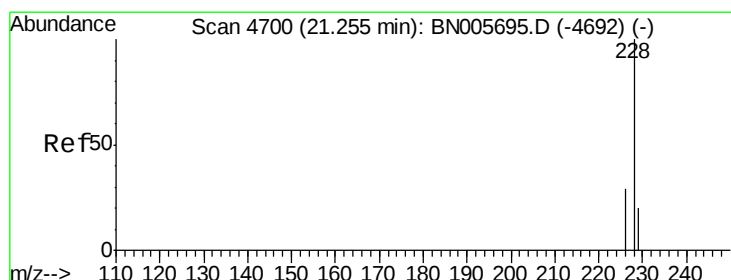
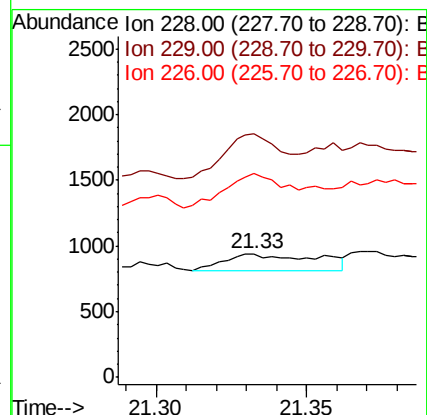
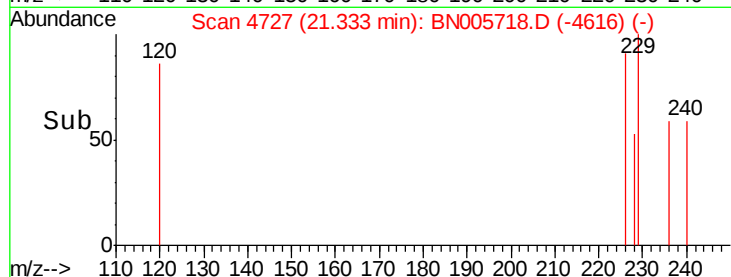
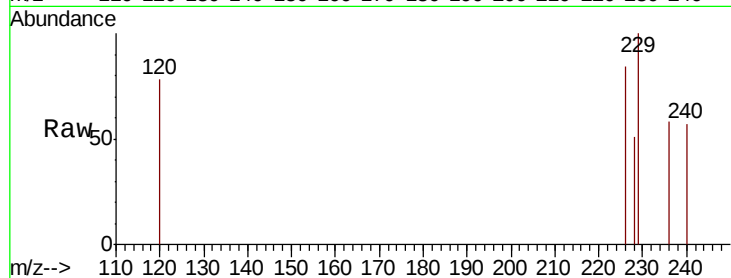
Tgt Ion:228 Resp: 266

Ion Ratio Lower Upper

228 100

229 197.0 15.8 23.8#

226 165.4 21.7 32.5#



#19

Chrysene

Concen: 0.225 ng/ul

RT: 21.37 min Scan# 4740

Delta R.T. 0.11 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

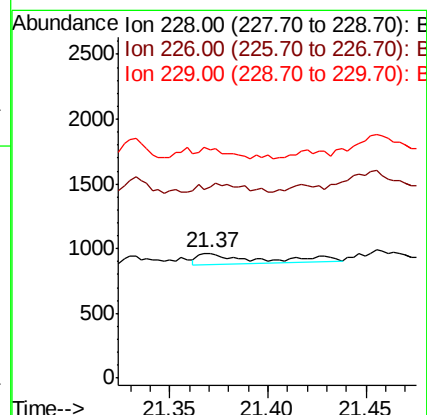
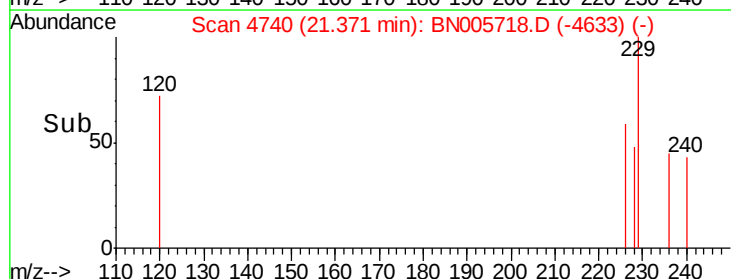
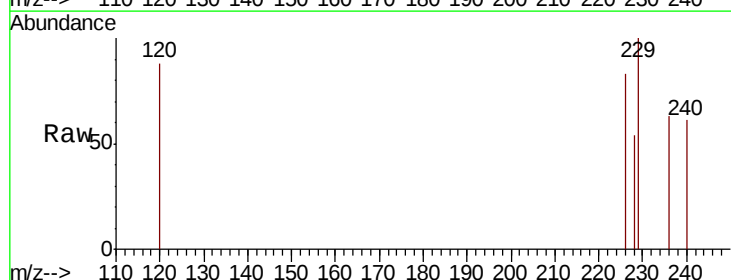
Tgt Ion:228 Resp: 181

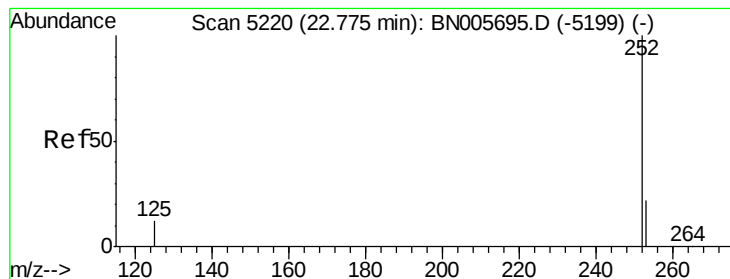
Ion Ratio Lower Upper

228 100

226 153.2 23.2 34.8#

229 183.5 16.0 24.0#





#21

Benzo(b)fluoranthene

Concen: 0.095 ng/ul

RT: 22.77 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

Instrument :

BNA_N

ClientSampleId :

A5163

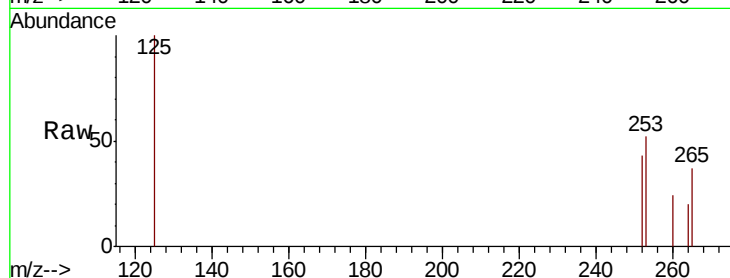
Tgt Ion:252 Resp: 1856

Ion Ratio Lower Upper

252 100

253 120.5 0.0 47.6#

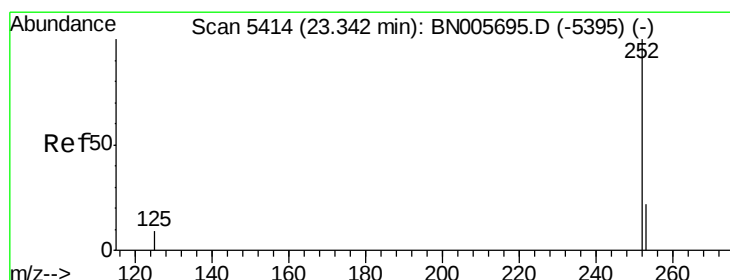
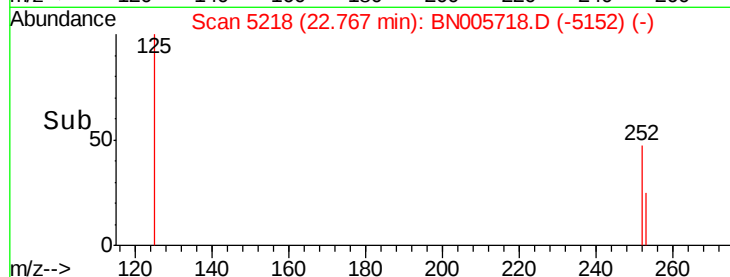
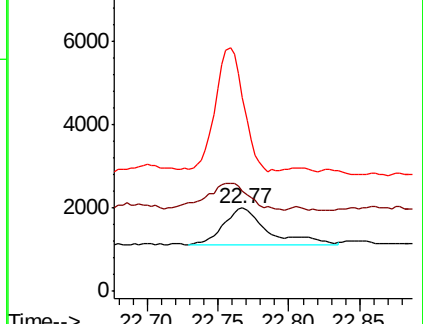
125 232.8 0.0 20.8#



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: 0.044 ng/ul

RT: 23.28 min Scan# 5395

Delta R.T. -0.05 min

Lab File: BN005718.D

Acq: 17 May 2019 00:20

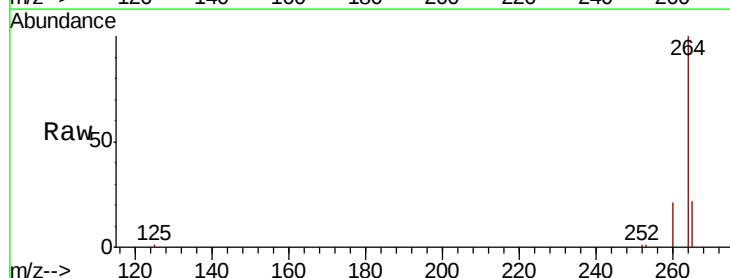
Tgt Ion:252 Resp: 953

Ion Ratio Lower Upper

252 100

253 113.5 19.6 29.4#

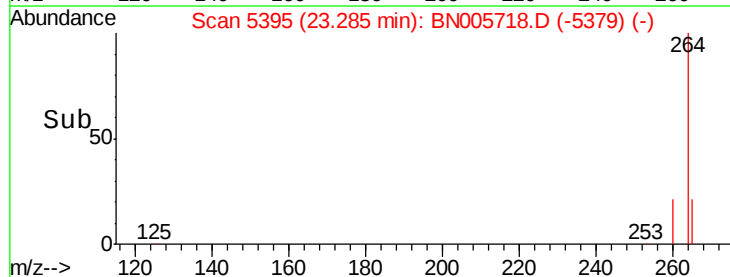
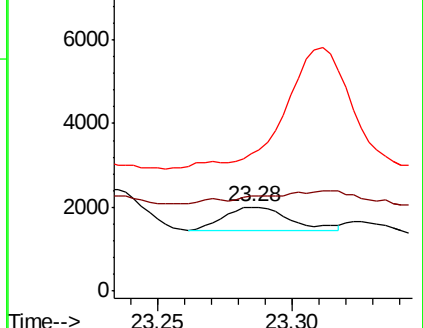
125 163.8 10.1 15.1#

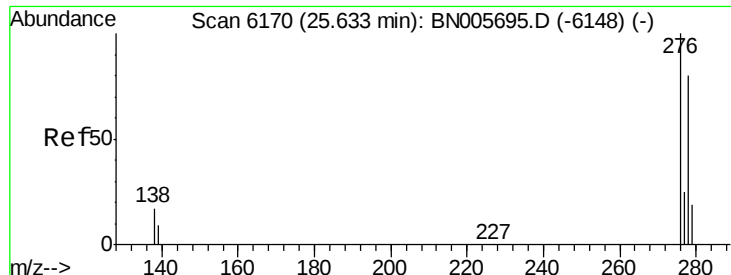


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



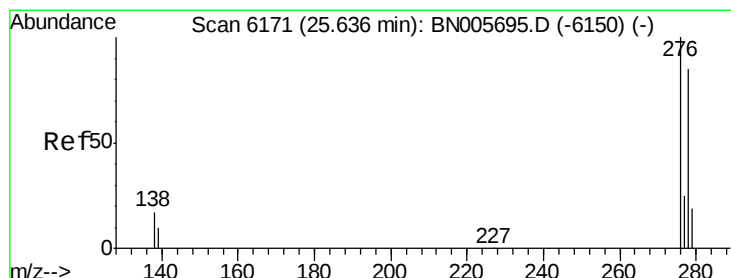
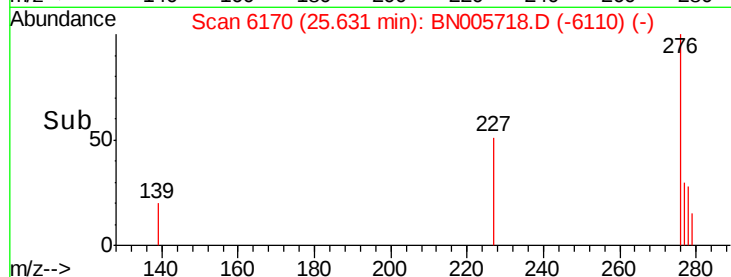
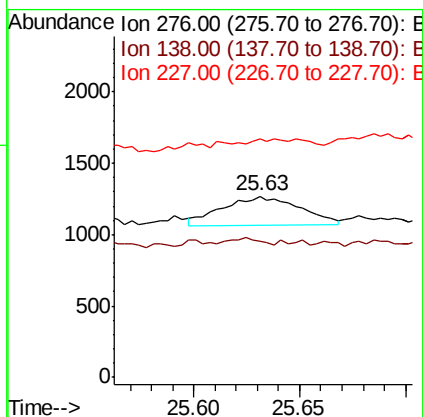
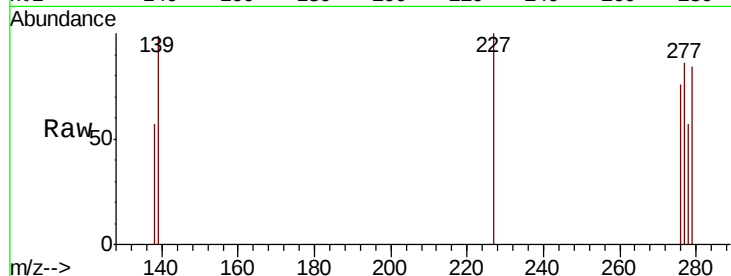


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.63 min Scan# 6170
Delta R.T. -0.00 min
Lab File: BN005718.D
Acq: 17 May 2019 00:20

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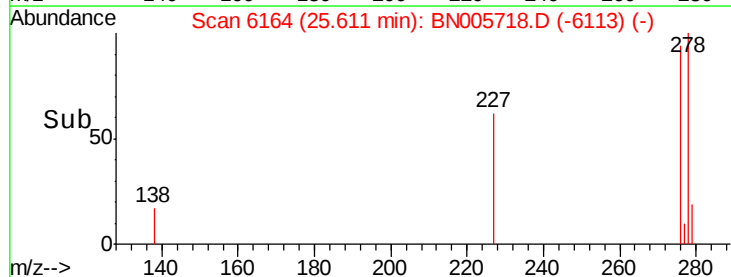
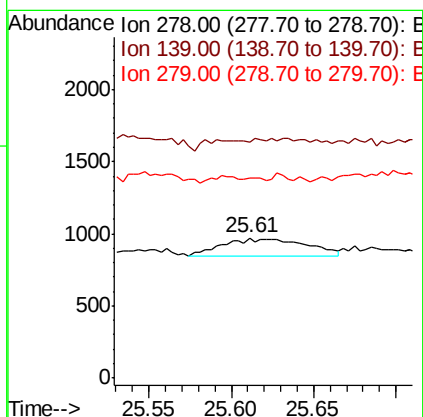
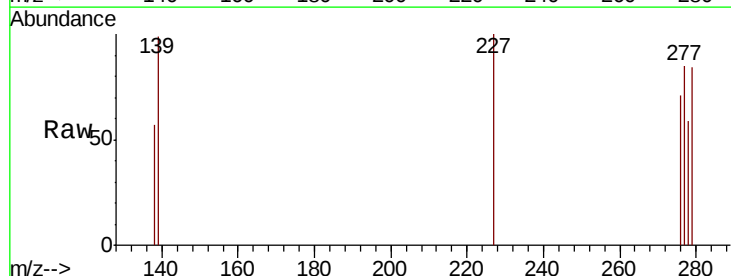
Tgt Ion: 276 Resp: 517
Ion Ratio Lower Upper
276 100
138 8.9 15.8 23.8#
227 13.5 0.1 0.1#

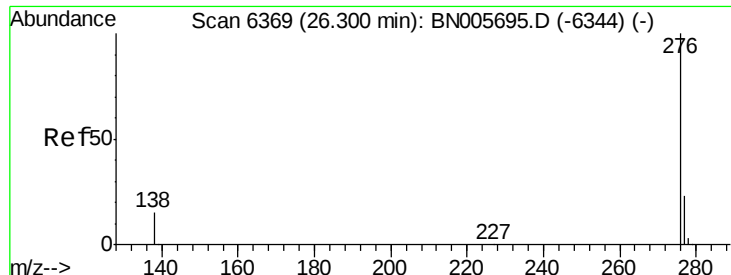


#25

Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.61 min Scan# 6164
Delta R.T. -0.03 min
Lab File: BN005718.D
Acq: 17 May 2019 00:20

Tgt Ion: 278 Resp: 418
Ion Ratio Lower Upper
278 100
139 167.6 12.4 18.6#
279 142.1 21.0 31.4#





#26

Benzo(g,h,i)perylene

Concen: 0.090 ng/ul

RT: 26.31 min Scan# 6372

Delta R.T. 0.01 min

Lab File: BN005718.D

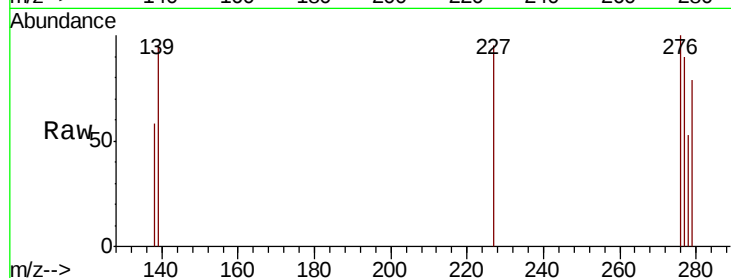
Acq: 17 May 2019 00:20

Instrument :

BNA_N

ClientSampleId :

A5163



Tgt Ion: 276 Resp: 1870

Ion Ratio Lower Upper

276 100

138 58.1 15.6 23.4#

277 90.4 20.6 31.0#

