

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051619\
 Data File : BN005717.D
 Acq On : 16 May 2019 23:46
 Operator : JU/SJ
 Sample : K2690-14DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5160DL

Quant Time: May 17 04:40:11 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

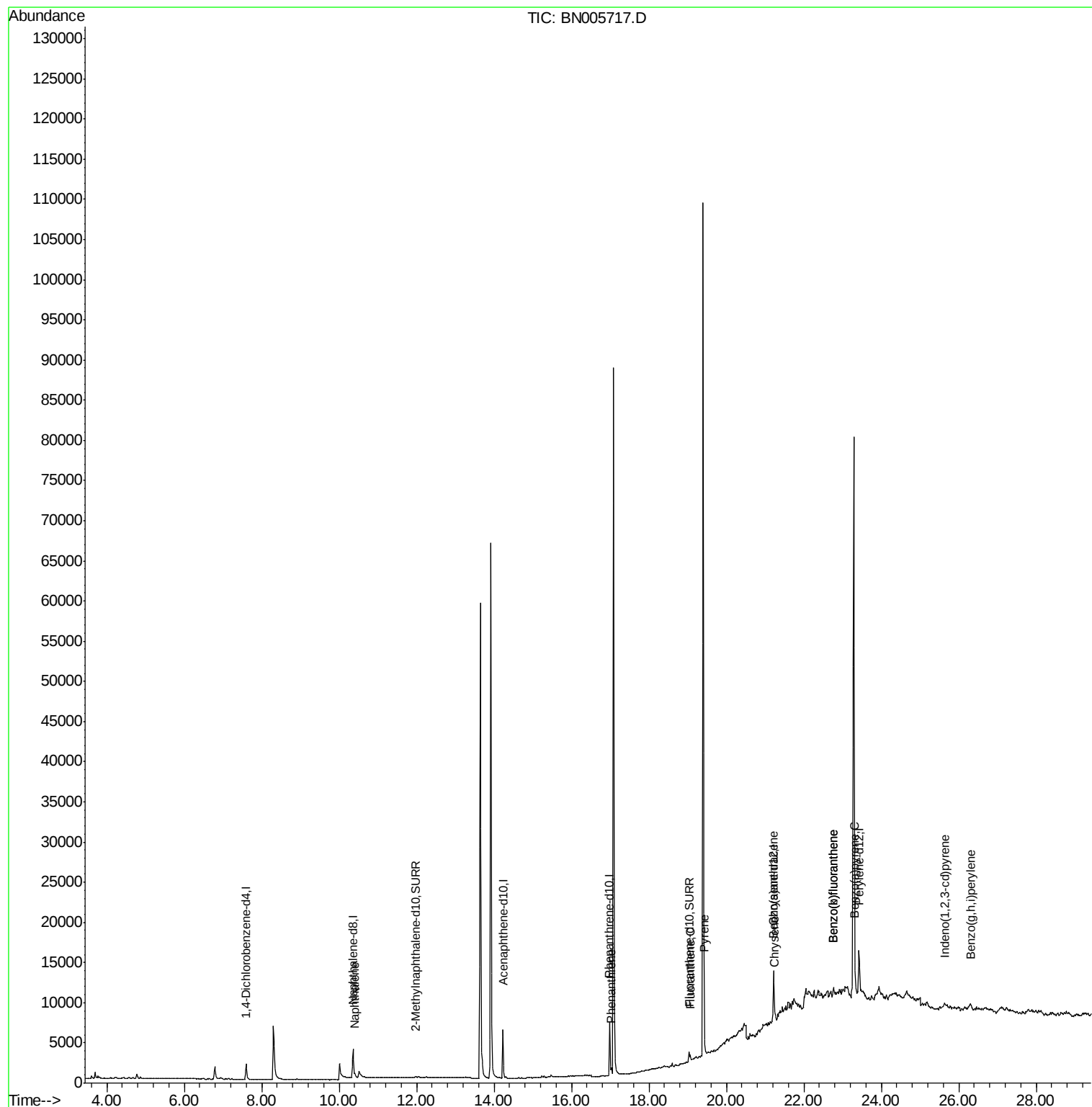
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1281	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	5385	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3525	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	8665	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	6249	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	6503	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	471	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	1392	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.41	128	648	0.045	ng/ul#	71
12) Phenanthrene	17.03	178	934	0.040	ng/ul#	66
15) Fluoranthene	19.07	202	887	0.027	ng/ul	80
17) Pyrene	19.43	202	1589	0.069	ng/ul#	87
18) Benzo(a)anthracene	21.20	228	503	0.023	ng/ul#	1
19) Chrysene	21.25	228	1140	0.043	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	1426	0.073	ng/ul#	1
22) Benzo(k)fluoranthene	22.77	252	1426	0.058	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	693	0.032	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.64	276	563	0.023	ng/ul#	86
26) Benzo(g,h,i)perylene	26.31	276	1259	0.060	ng/ul#	1

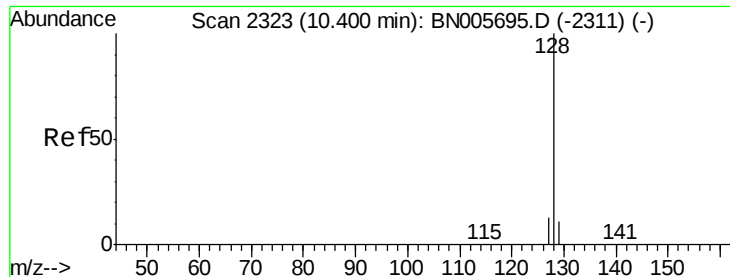
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BN005717.D

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BNA_N

ClientSampleId :

A5160DL

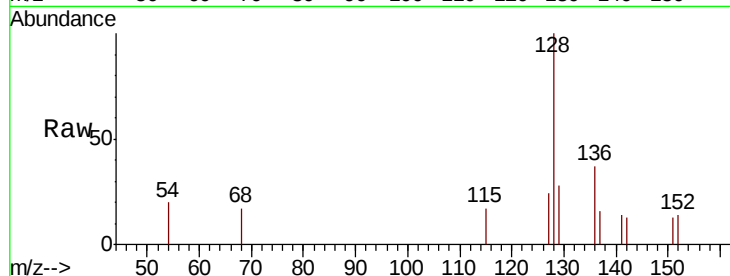
Tgt Ion:128 Resp: 648

Ion Ratio Lower Upper

128 100

129 27.6 10.2 15.2#

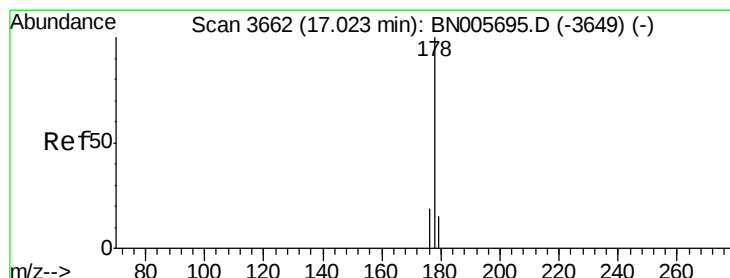
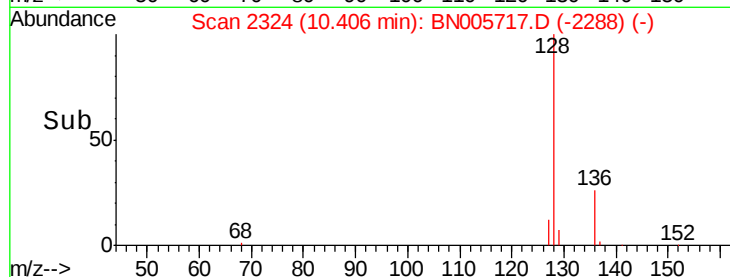
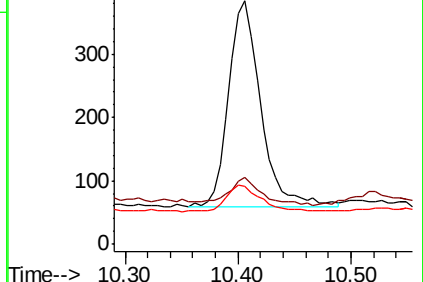
127 24.0 11.8 17.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Phenanthrene

Concen: 0.040 ng/ul

RT: 17.03 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

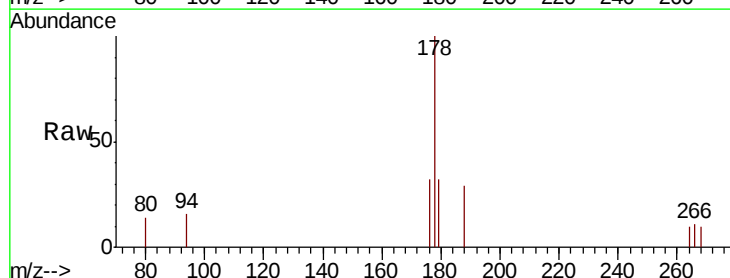
Tgt Ion:178 Resp: 934

Ion Ratio Lower Upper

178 100

179 32.3 12.8 19.2#

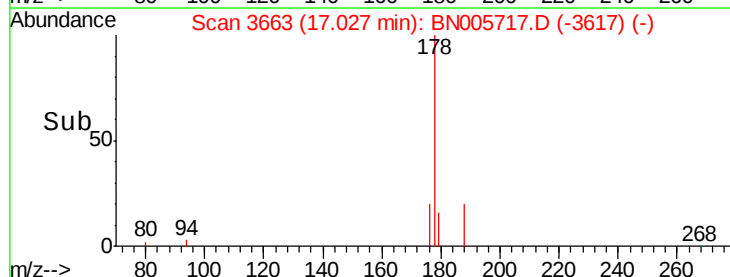
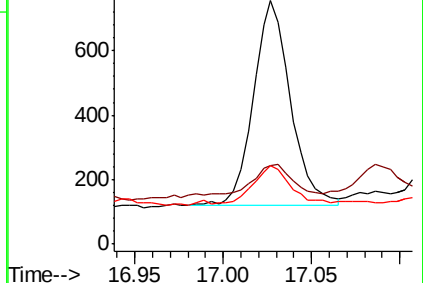
176 32.4 15.3 22.9#

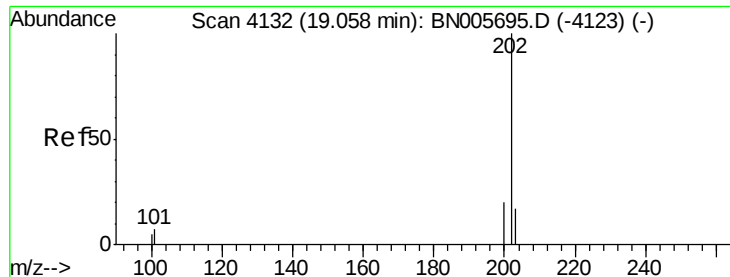


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.07 min Scan# 4134

Delta R.T. 0.00 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

Instrument :

BNA_N

ClientSampleId :

A5160DL

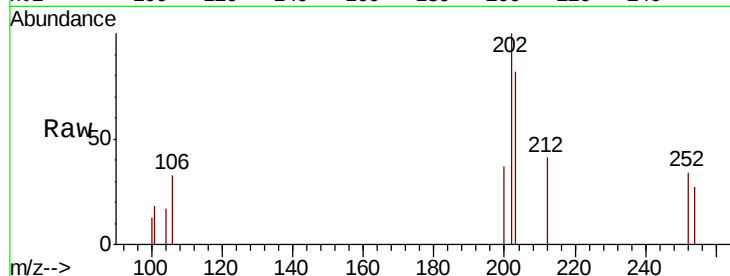
Tgt Ion:202 Resp: 887

Ion Ratio Lower Upper

202 100

101 17.6 0.0 29.4

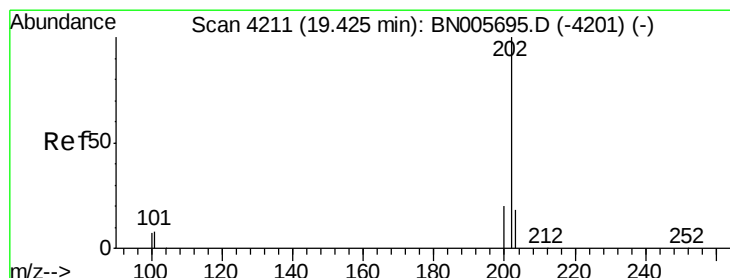
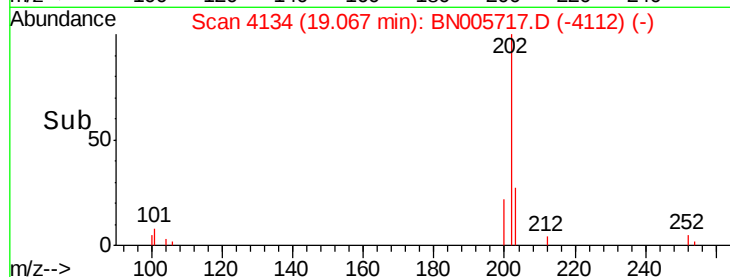
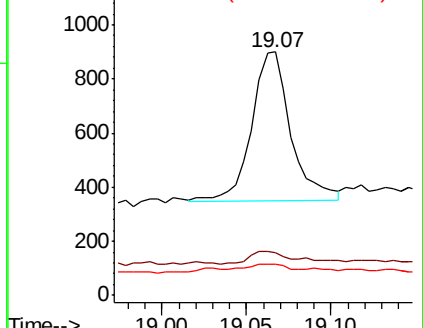
100 13.0 0.0 27.1



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: 0.069 ng/ul

RT: 19.43 min Scan# 4212

Delta R.T. -0.00 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

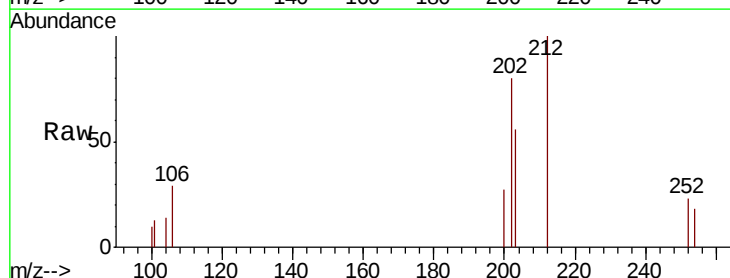
Tgt Ion:202 Resp: 1589

Ion Ratio Lower Upper

202 100

101 15.8 8.5 12.7#

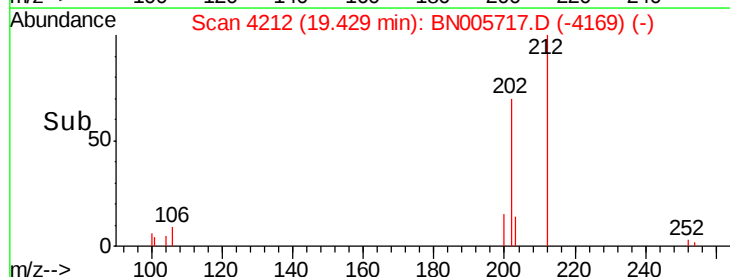
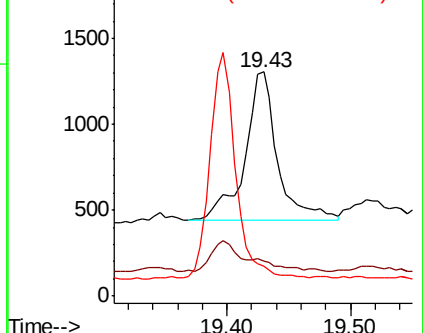
100 13.1 6.9 10.3#

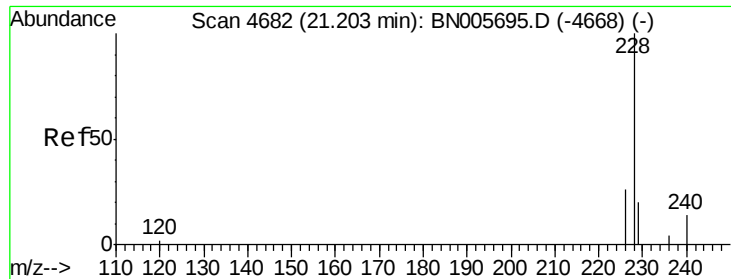


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.023 ng/ul

RT: 21.20 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

Instrument :

BNA_N

ClientSampleId :

A5160DL

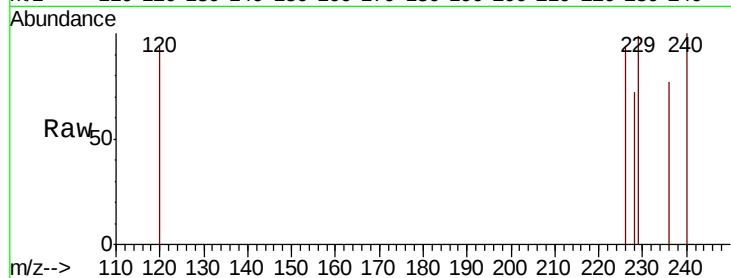
Tgt Ion:228 Resp: 503

Ion Ratio Lower Upper

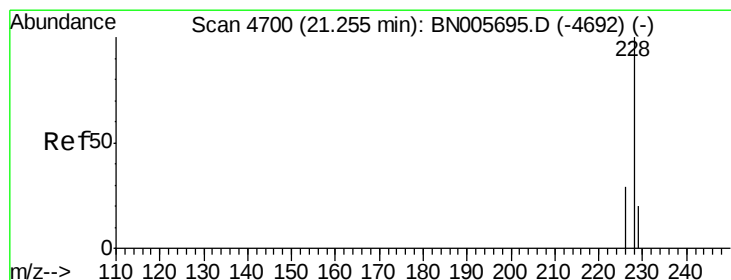
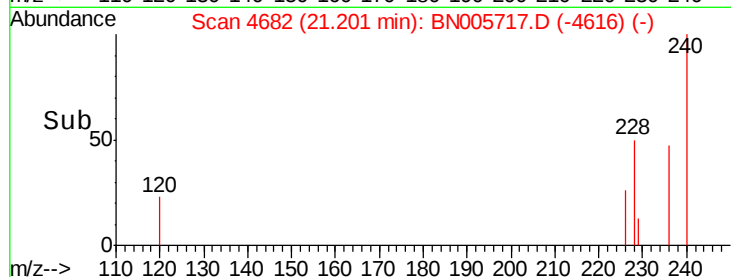
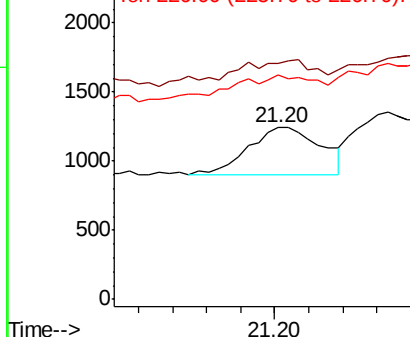
228 100

229 137.4 15.8 23.8#

226 130.5 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: 0.043 ng/ul

RT: 21.25 min Scan# 4700

Delta R.T. -0.00 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

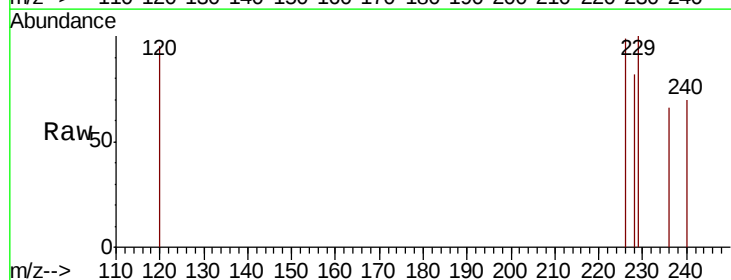
Tgt Ion:228 Resp: 1140

Ion Ratio Lower Upper

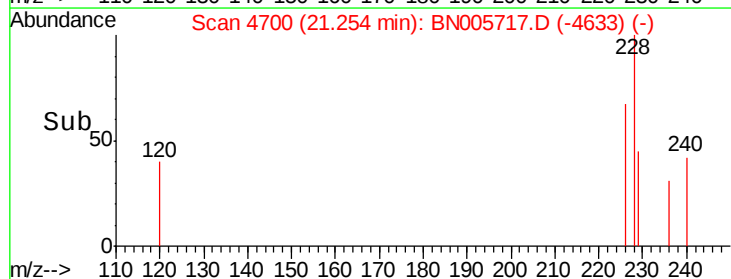
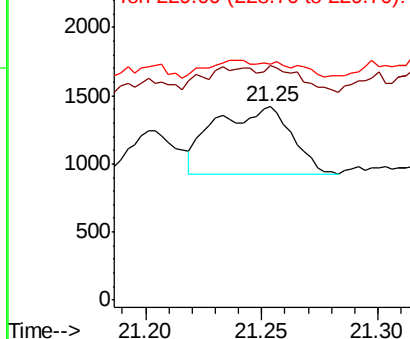
228 100

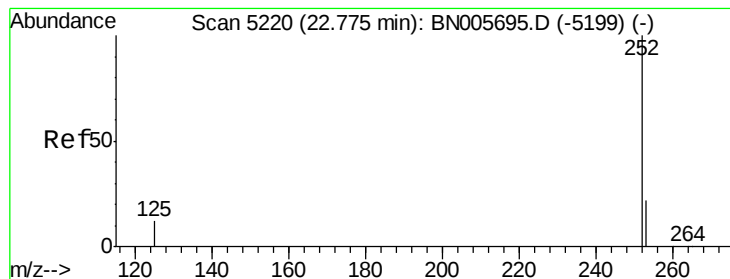
226 121.4 23.2 34.8#

229 122.2 16.0 24.0#



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: 0.073 ng/u1

RT: 22.77 min Scan# 5218

Delta R.T. -0.01 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

Instrument :

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A5160DL

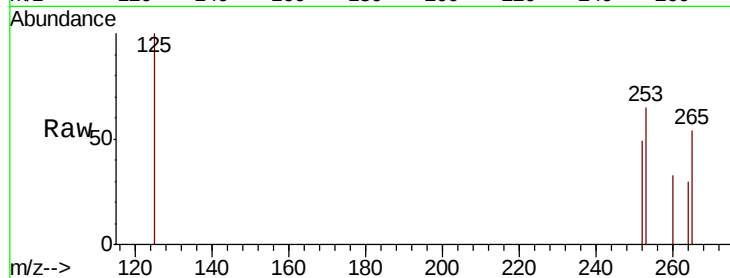
Tgt Ion:252 Resp: 1426

Ion Ratio Lower Upper

252 100

253 133.8 0.0 47.6#

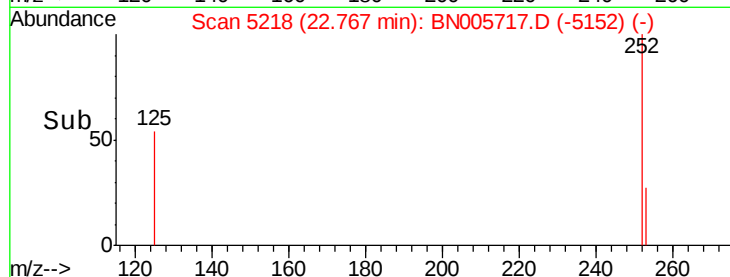
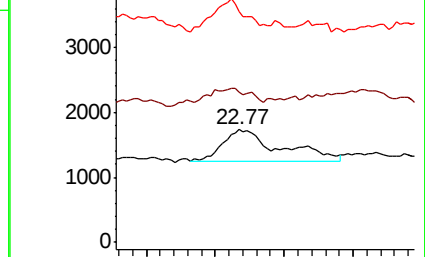
125 205.2 0.0 20.8#



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



#22

Benzo(k)fluoranthene

Concen: 0.058 ng/u1

RT: 22.77 min Scan# 5218

Delta R.T. -0.05 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

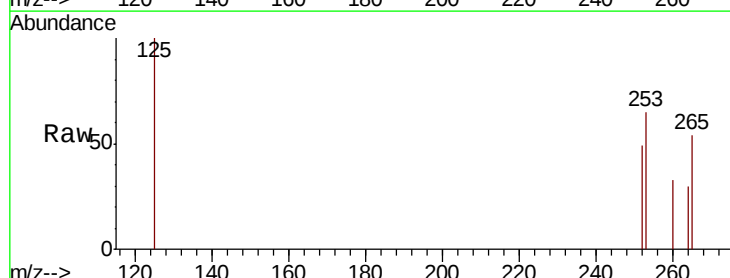
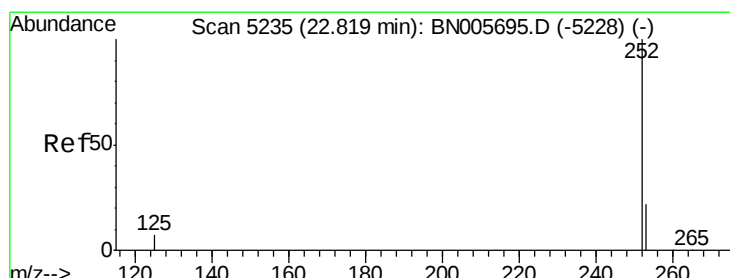
Tgt Ion:252 Resp: 1426

Ion Ratio Lower Upper

252 100

253 133.8 18.8 28.2#

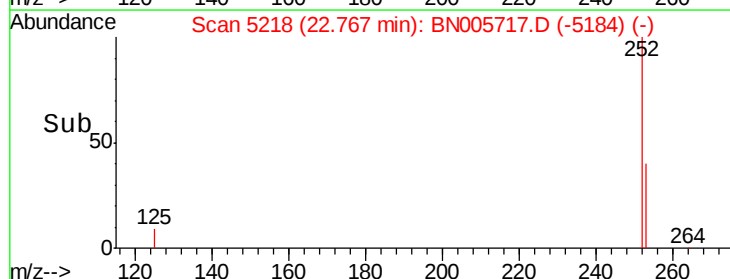
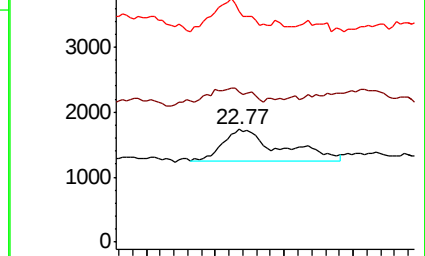
125 205.2 7.6 11.4#

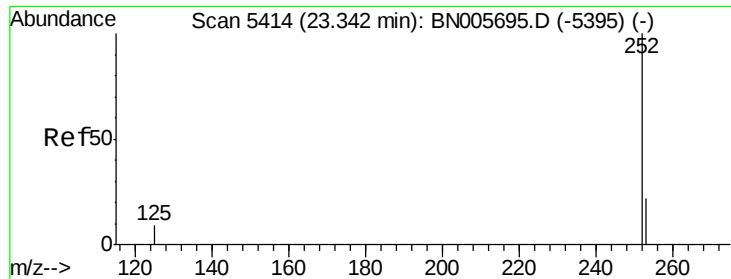


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.032 ng/u1

RT: 23.33 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

Instrument :

BNA_N

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A5160DL

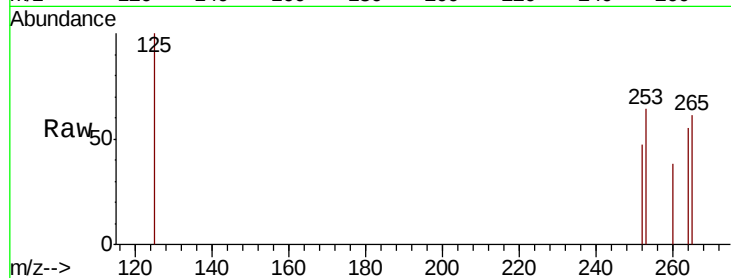
Tgt Ion:252 Resp: 693

Ion Ratio Lower Upper

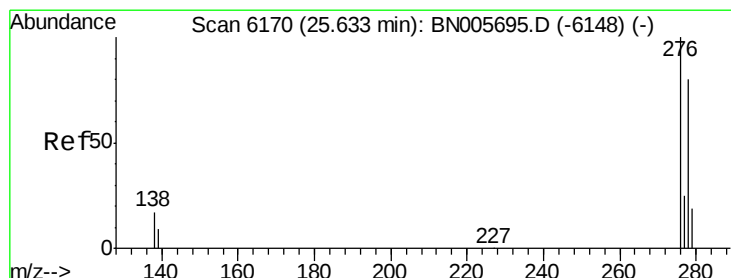
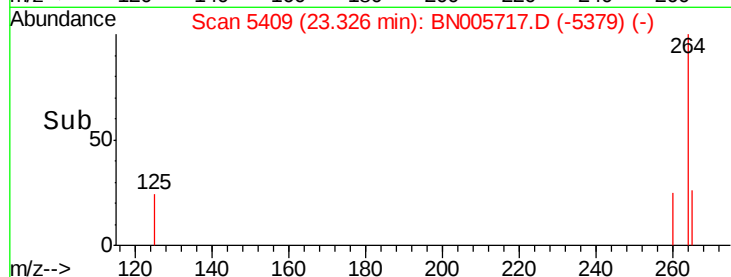
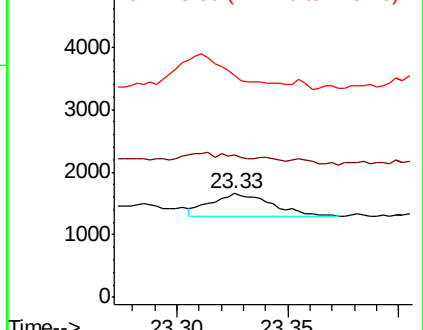
252 100

253 137.7 19.6 29.4#

125 213.9 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: 0.023 ng/u1

RT: 25.64 min Scan# 6172

Delta R.T. 0.01 min

Lab File: BN005717.D

Acq: 16 May 2019 23:46

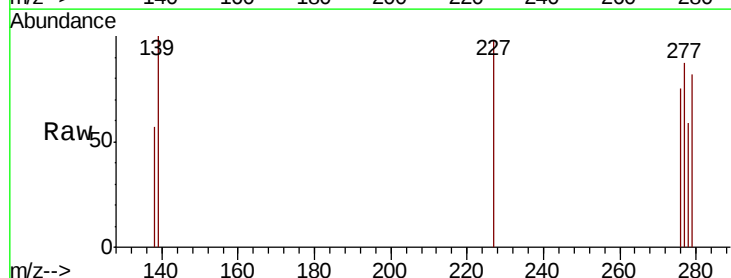
Tgt Ion:276 Resp: 563

Ion Ratio Lower Upper

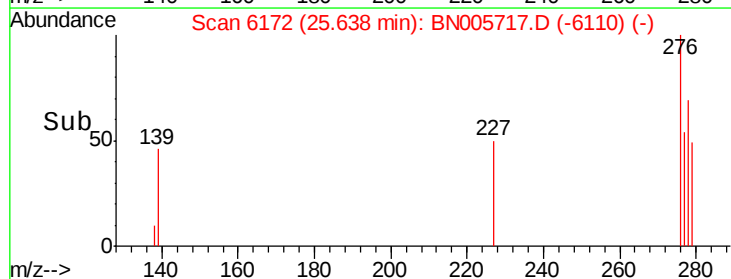
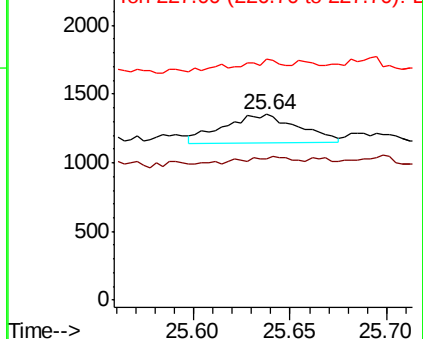
276 100

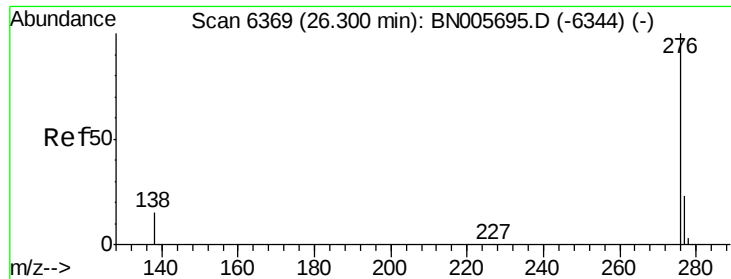
138 26.1 15.8 23.8#

227 30.4 0.1 0.1#



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: 0.060 ng/ul

RT: 26.31 min Scan# 6373

Delta R.T. 0.01 min

Lab File: BN005717.D

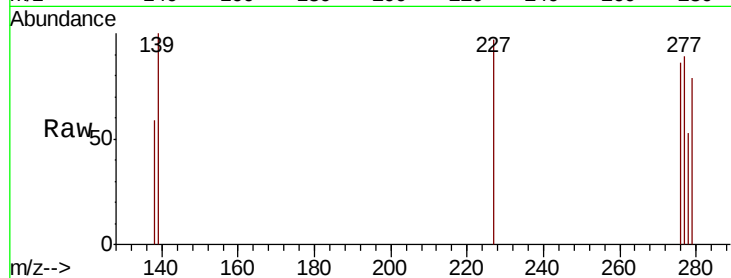
Acq: 16 May 2019 23:46

Instrument :

BNA_N

ClientSampleId :

A5160DL



Tgt Ion: 276 Resp: 1259

Ion Ratio Lower Upper

276 100

138 67.8 15.6 23.4#

277 103.1 20.6 31.0#

