

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006172.D
 Acq On : 07 Jun 2019 18:10
 Operator : JU/SJ
 Sample : K3201-04DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB5DL

Quant Time: Jun 08 02:03:27 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 : Fri Jun 07 01:31:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	19004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17896	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	15193	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	18962	0.40	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	850	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1811	0.04	ng/ul	0.00

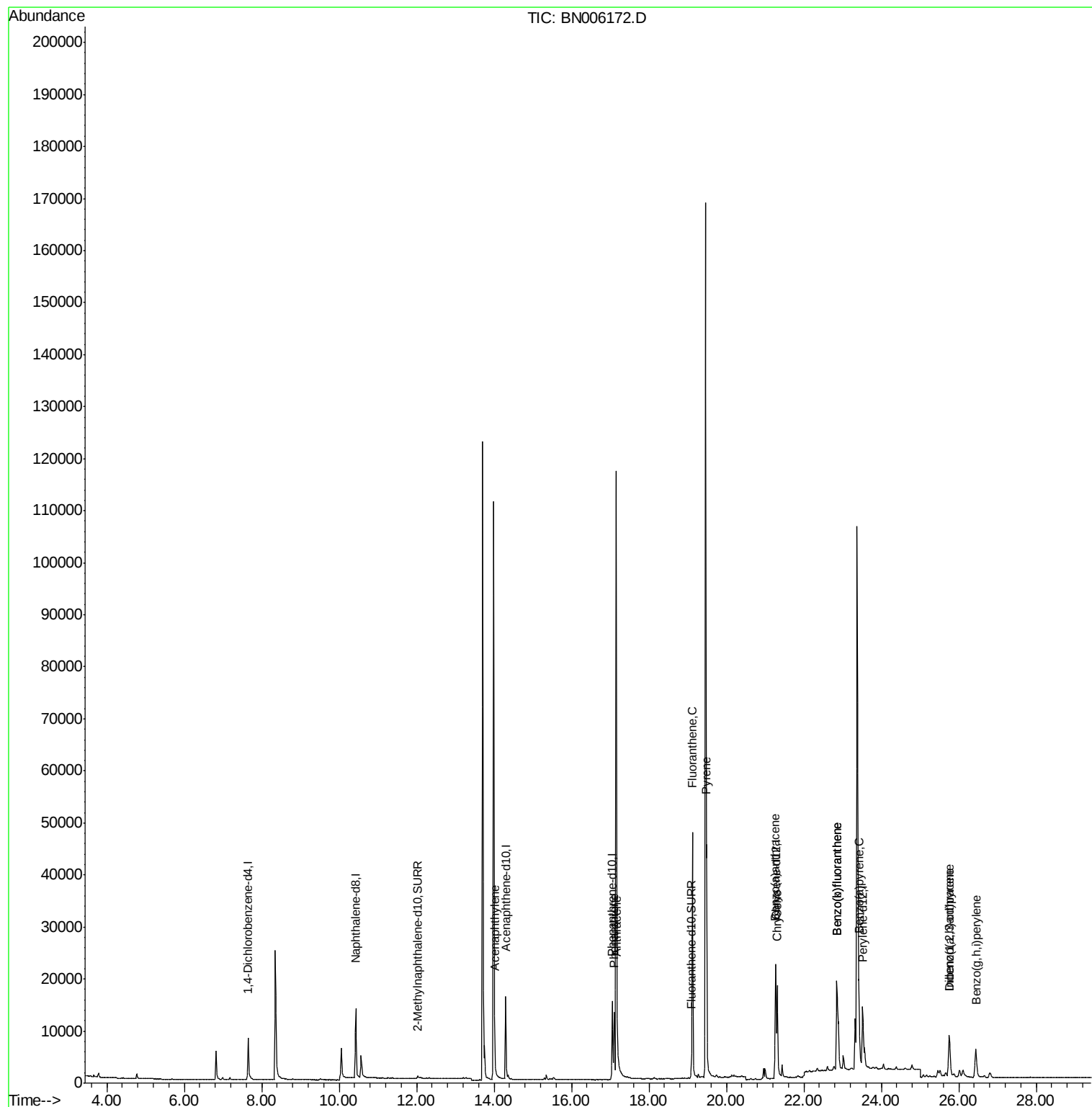
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.02	152	1618	0.032	ng/ul#	86
12) Phenanthrene	17.09	178	14570	0.254	ng/ul	99
13) Anthracene	17.18	178	3685	0.067	ng/ul#	91
15) Fluoranthene	19.12	202	41358	0.652	ng/ul	96
17) Pyrene	19.49	202	36196	0.452	ng/ul	99
18) Benzo(a)anthracene	21.26	228	19840	0.295	ng/ul	99
19) Chrysene	21.31	228	18387	0.291	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	39976	0.506	ng/ul	99
22) Benzo(k)fluoranthene	22.85	252	39978	0.519	ng/ul	98
23) Benzo(a)pyrene	23.42	252	17411	0.236	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.75	276	14374	0.180	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.76	278	3284	0.052	ng/ul#	80
26) Benzo(g,h,i)perylene	26.44	276	11494	0.172	ng/ul	99

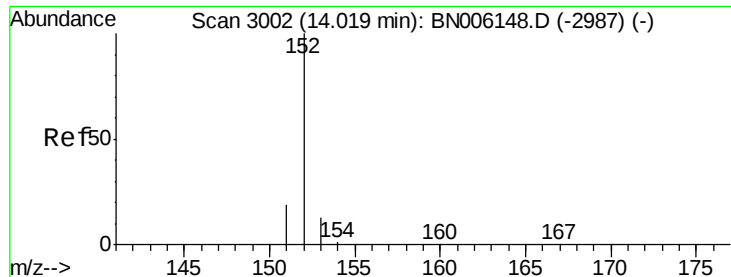
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

ClientSampleId :

C0AB5DL

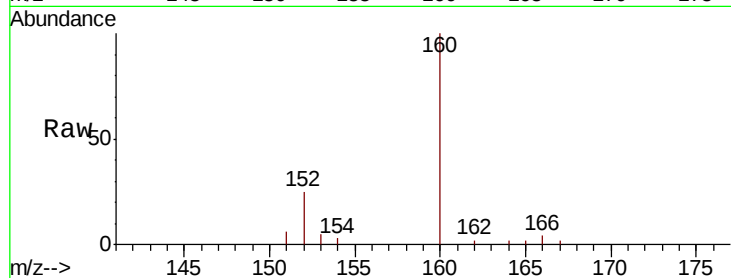
Tgt Ion:152 Resp: 1618

Ion Ratio Lower Upper

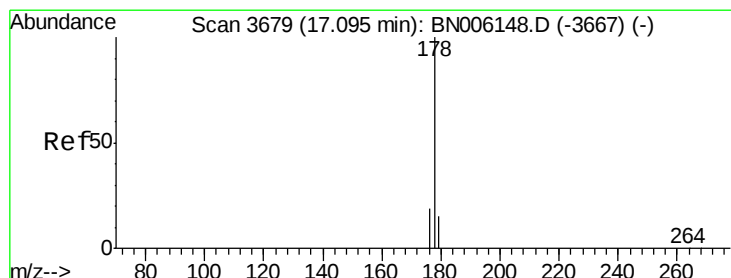
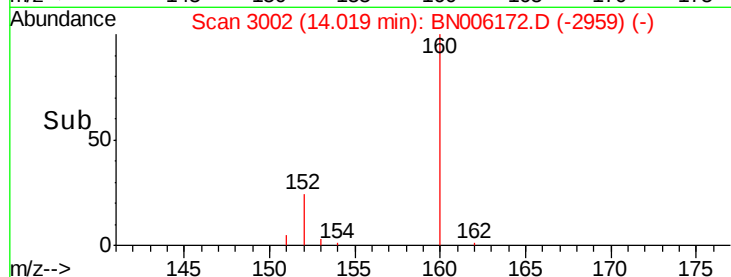
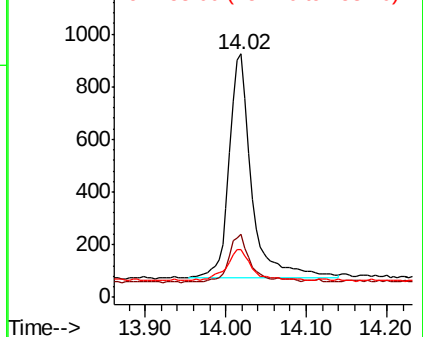
152 100

151 25.8 15.8 23.8#

153 19.4 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.254 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

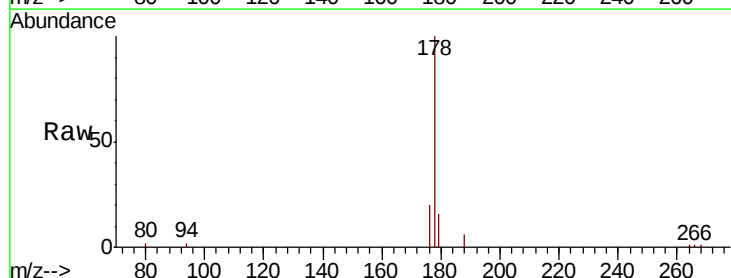
Tgt Ion:178 Resp: 14570

Ion Ratio Lower Upper

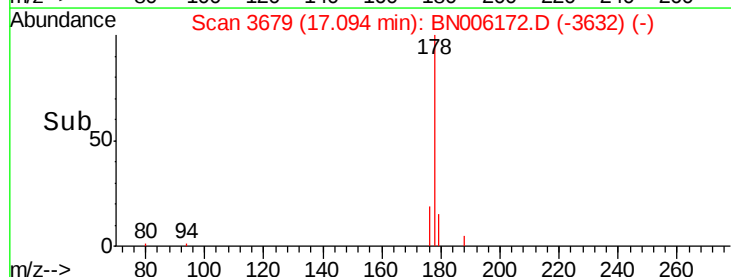
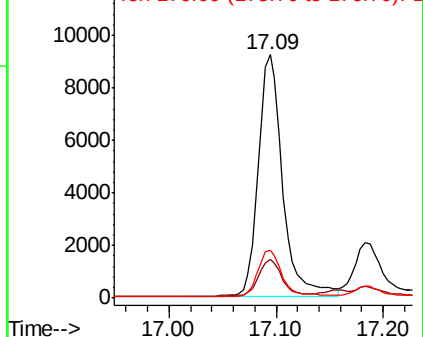
178 100

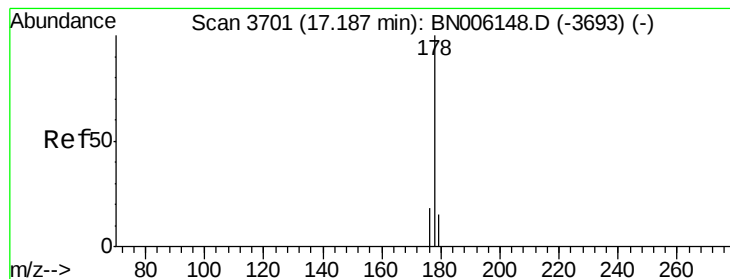
179 15.8 12.3 18.5

176 19.8 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





#13

Anthracene

Concen: 0.067 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

ClientSampleId :

C0AB5DL

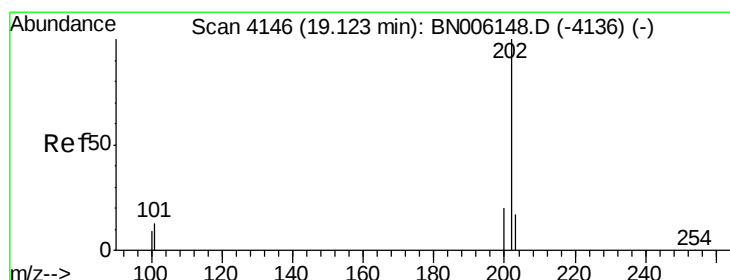
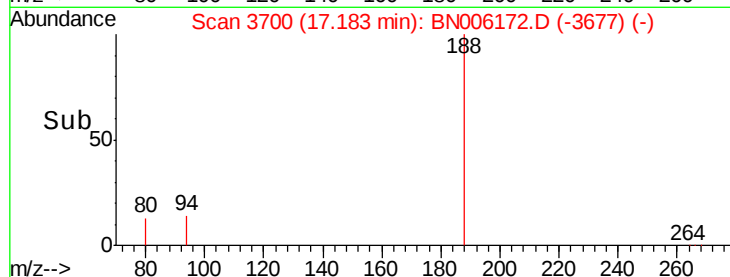
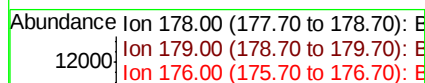
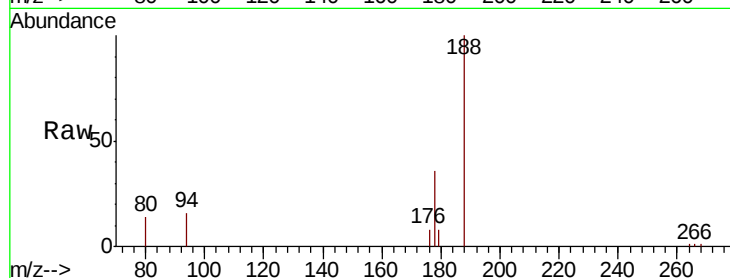
Tgt Ion:178 Resp: 3685

Ion Ratio Lower Upper

178 100

179 20.9 12.2 18.4#

176 21.3 15.1 22.7



#15

Fluoranthene

Concen: 0.652 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

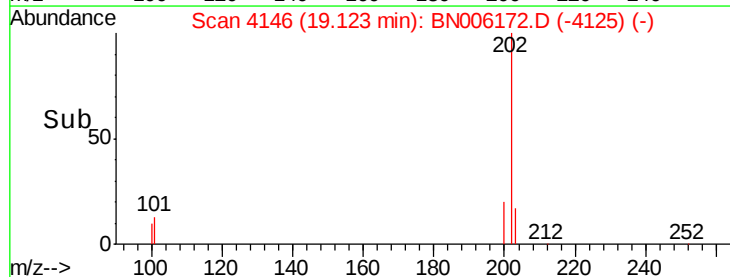
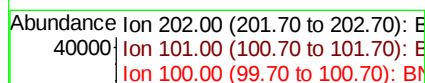
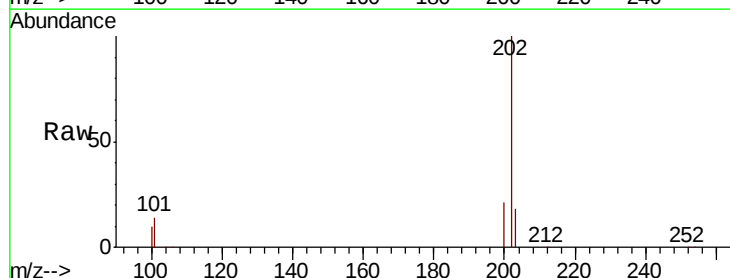
Tgt Ion:202 Resp: 41358

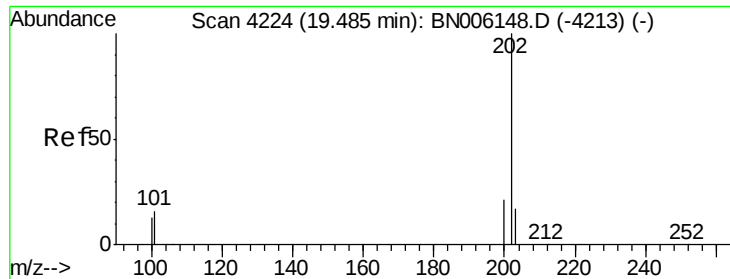
Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

100 9.8 0.0 28.7

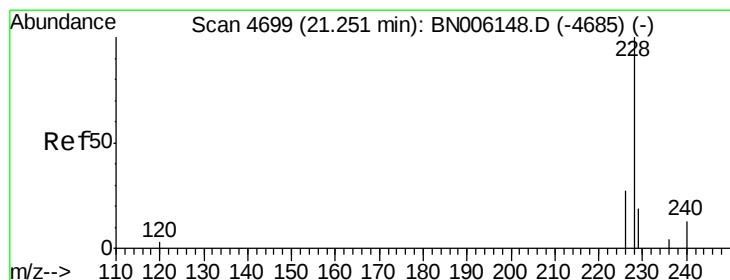
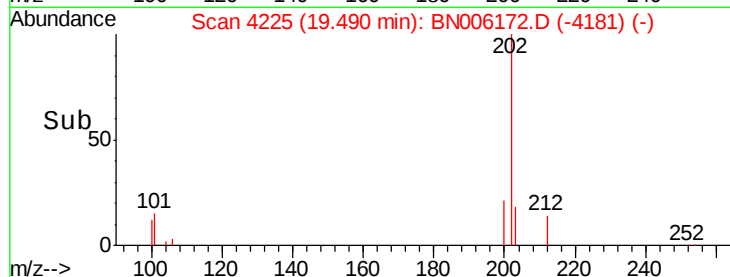
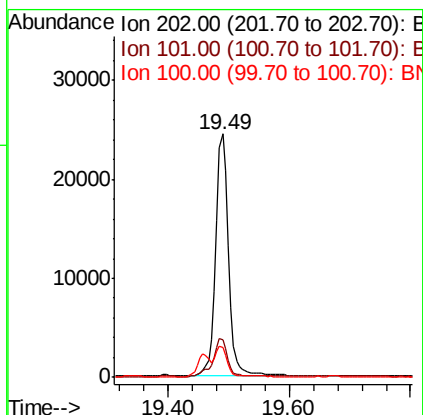
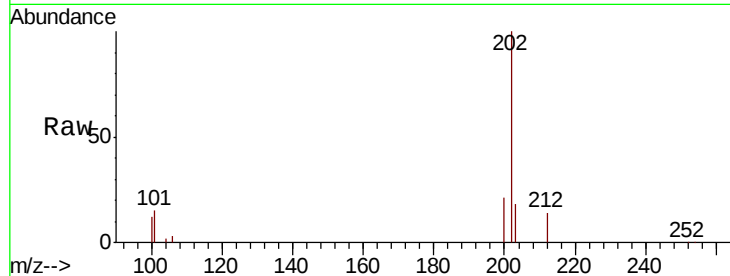




#17
Pyrene
Concen: 0.452 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006172.D
Acq: 07 Jun 2019 18:10

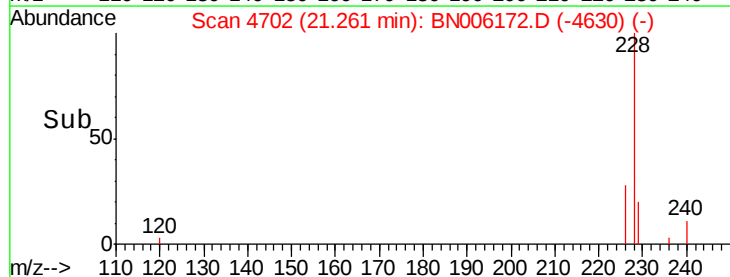
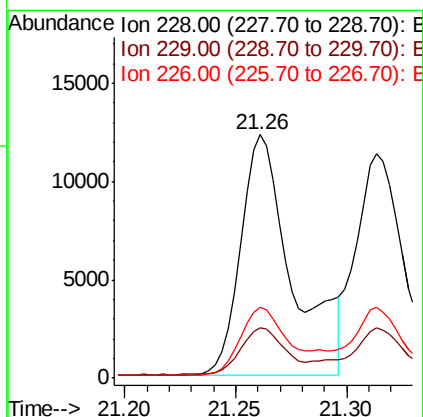
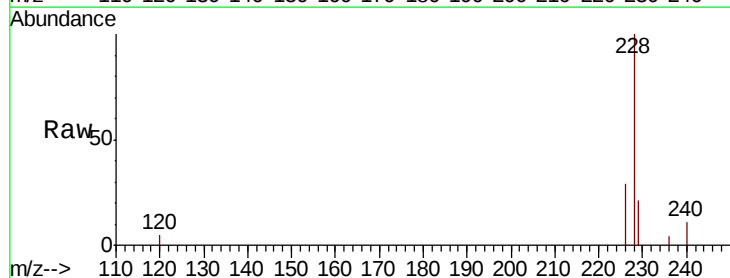
Instrument :
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C0AB5DL

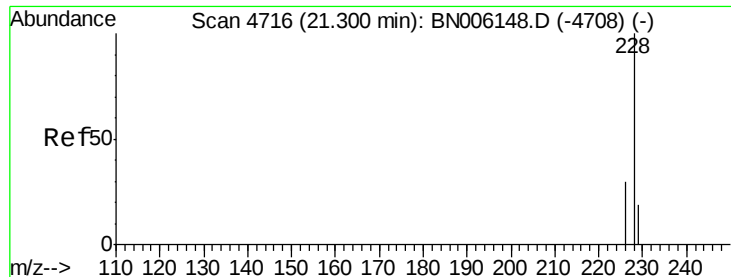
Tgt Ion:202 Resp: 36196
Ion Ratio Lower Upper
202 100
101 15.4 12.2 18.2
100 12.4 9.8 14.6



#18
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006172.D
Acq: 07 Jun 2019 18:10

Tgt Ion:228 Resp: 19840
Ion Ratio Lower Upper
228 100
229 20.8 16.5 24.7
226 29.2 22.8 34.2





#19

Chrysene

Concen: 0.291 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

ClientSampleId :

C0AB5DL

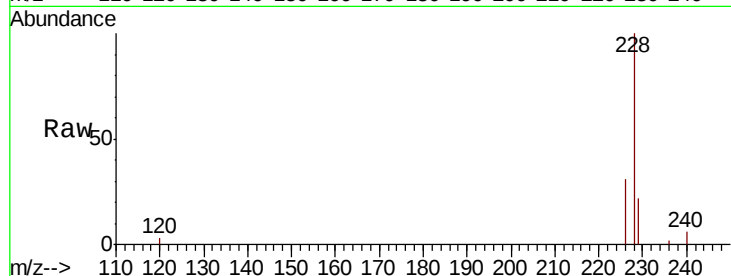
Tgt Ion:228 Resp: 18387

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

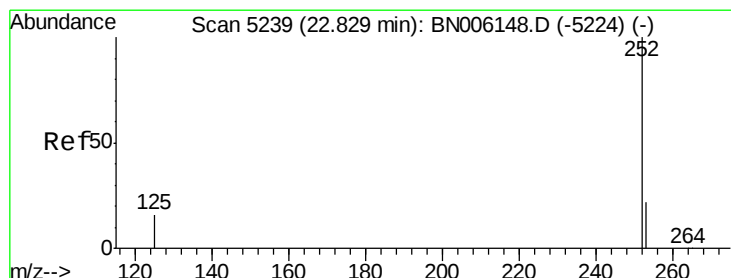
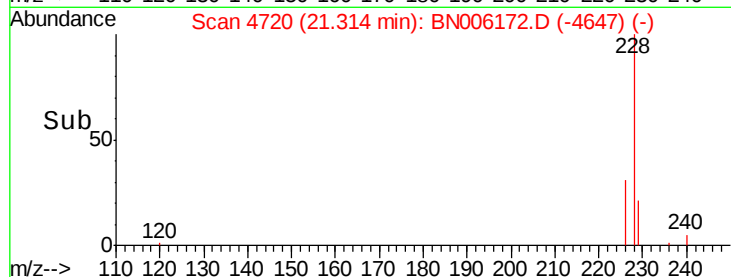
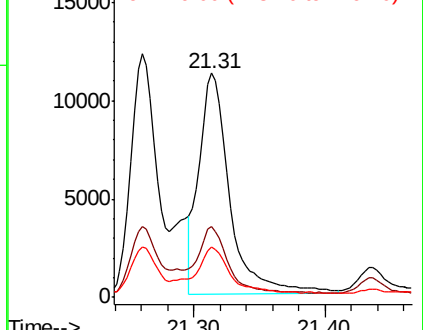
229 22.2 16.3 24.5



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

Benzo(b)fluoranthene

Concen: 0.506 ng/ul

RT: 22.85 min Scan# 5247

Delta R.T. 0.02 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

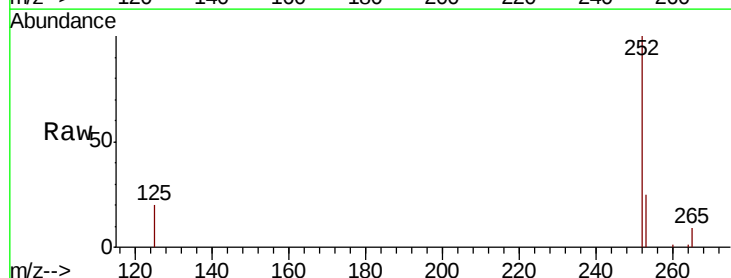
Tgt Ion:252 Resp: 39976

Ion Ratio Lower Upper

252 100

253 25.3 0.0 51.4

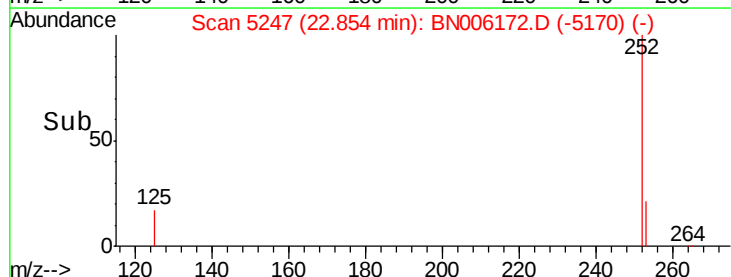
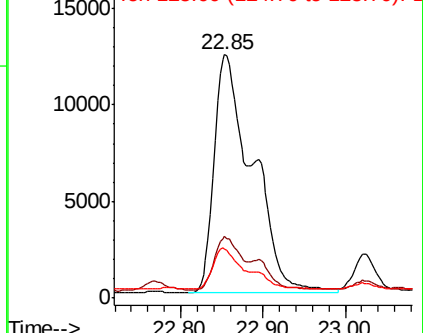
125 20.3 0.0 41.0

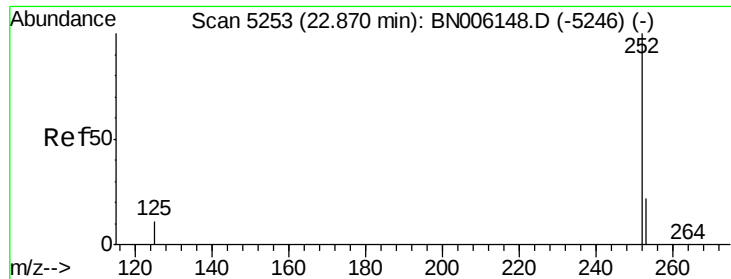


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.519 ng/ul

RT: 22.85 min Scan# 5247

Delta R.T. -0.02 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

Instrument :

BNA_N

ClientSampleId :

C0AB5DL

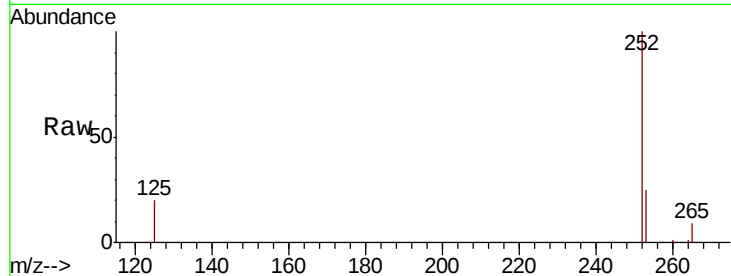
Tgt Ion:252 Resp: 39978

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

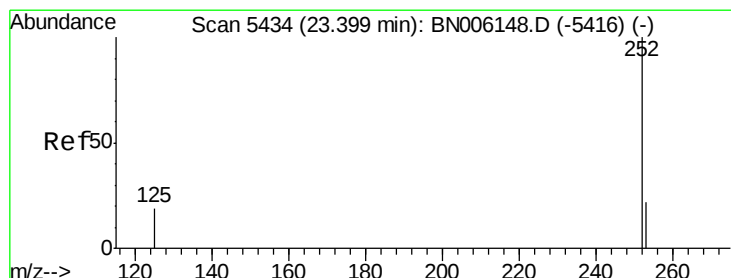
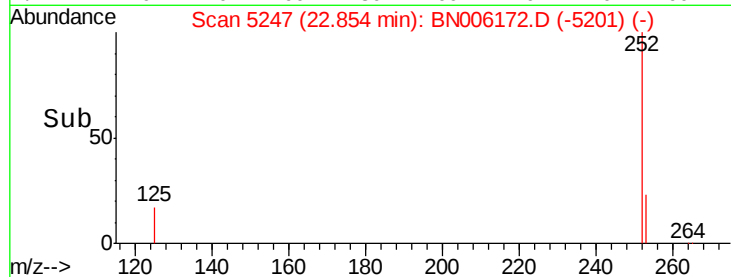
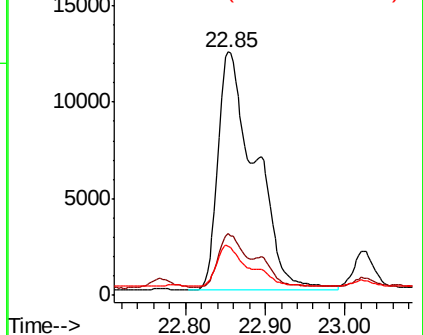
125 20.3 14.3 21.5



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: 0.236 ng/ul

RT: 23.42 min Scan# 5442

Delta R.T. 0.02 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

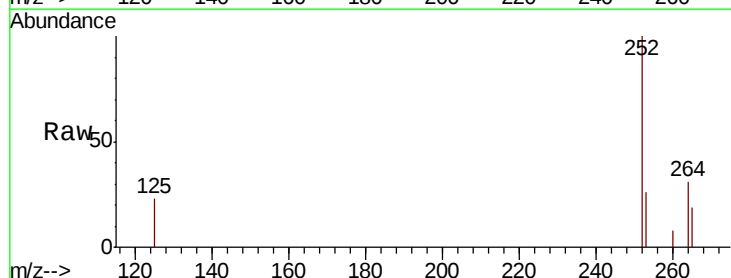
Tgt Ion:252 Resp: 17411

Ion Ratio Lower Upper

252 100

253 25.9 21.1 31.7

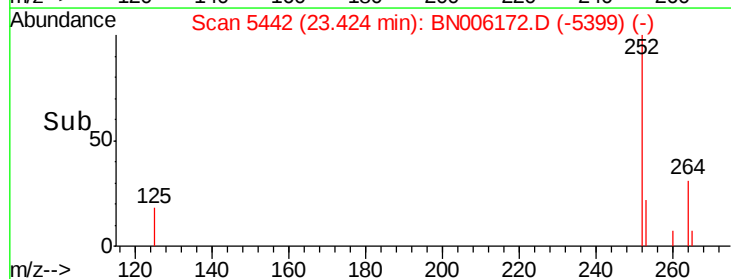
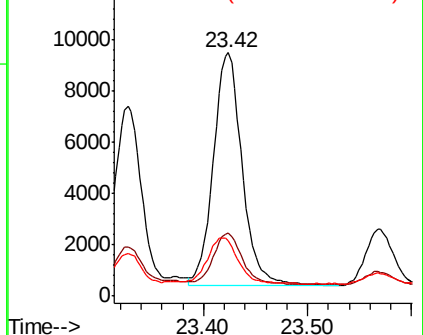
125 22.6 20.3 30.5

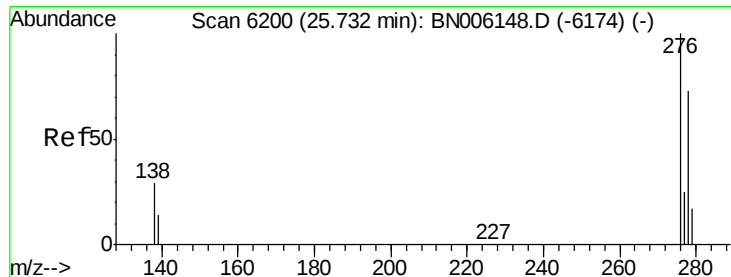


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.180 ng/u1

RT: 25.75 min Scan# 6206

Delta R.T. 0.02 min

Lab File: BN006172.D

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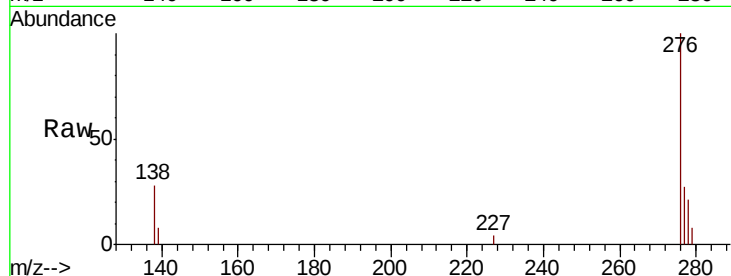
Tgt Ion:276 Resp: 14374

Ion Ratio Lower Upper

276 100

138 23.5 25.6 38.4#

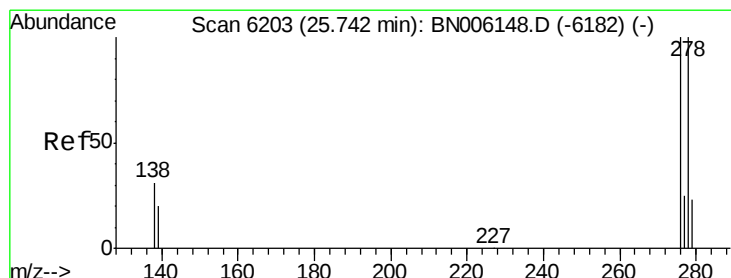
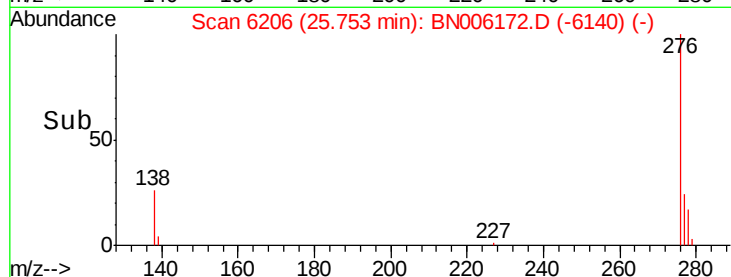
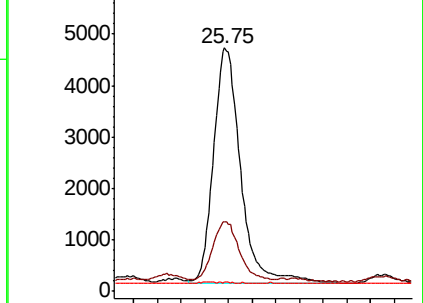
227 0.2 0.3 0.5#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.052 ng/u1

RT: 25.76 min Scan# 6209

Delta R.T. 0.02 min

Lab File: BN006172.D

Acq: 07 Jun 2019 18:10

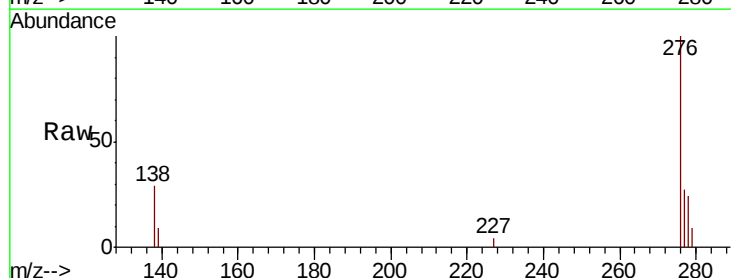
Tgt Ion:278 Resp: 3284

Ion Ratio Lower Upper

278 100

139 37.6 21.2 31.8#

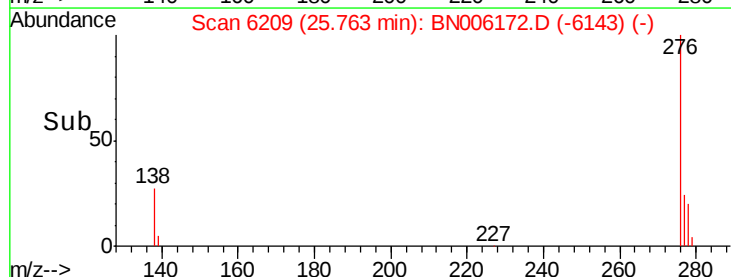
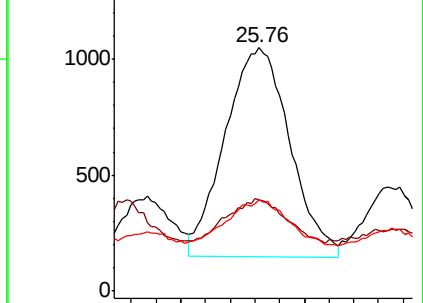
279 37.7 22.6 33.8#

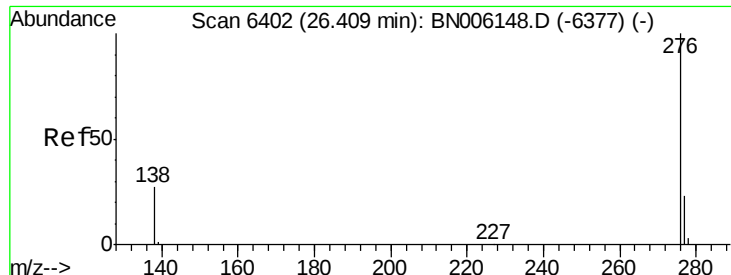


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.172 ng/ul

RT: 26.44 min Scan# 6411

Delta R.T. 0.03 min

Lab File: BN006172.D

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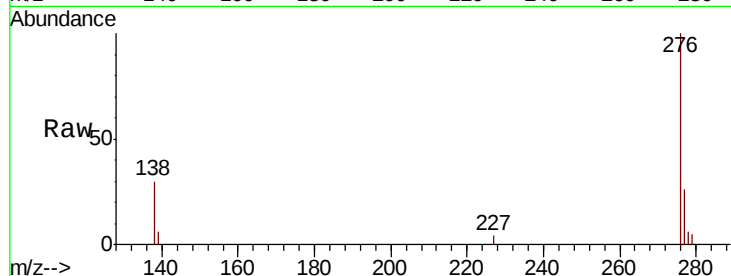
Tgt Ion:276 Resp: 11494

Ion Ratio Lower Upper

276 100

138 30.5 24.2 36.4

277 25.5 21.5 32.3



Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

