

Data File : BN004038.D
Acq On : 17 Dec 2018 16:39
Operator : JU/SJ
Sample : J6229-05DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F03DL

Quant Time: Dec 18 04:32:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1480	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11897	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13489	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12705	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	499	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1549	0.04	ng/ul	0.00

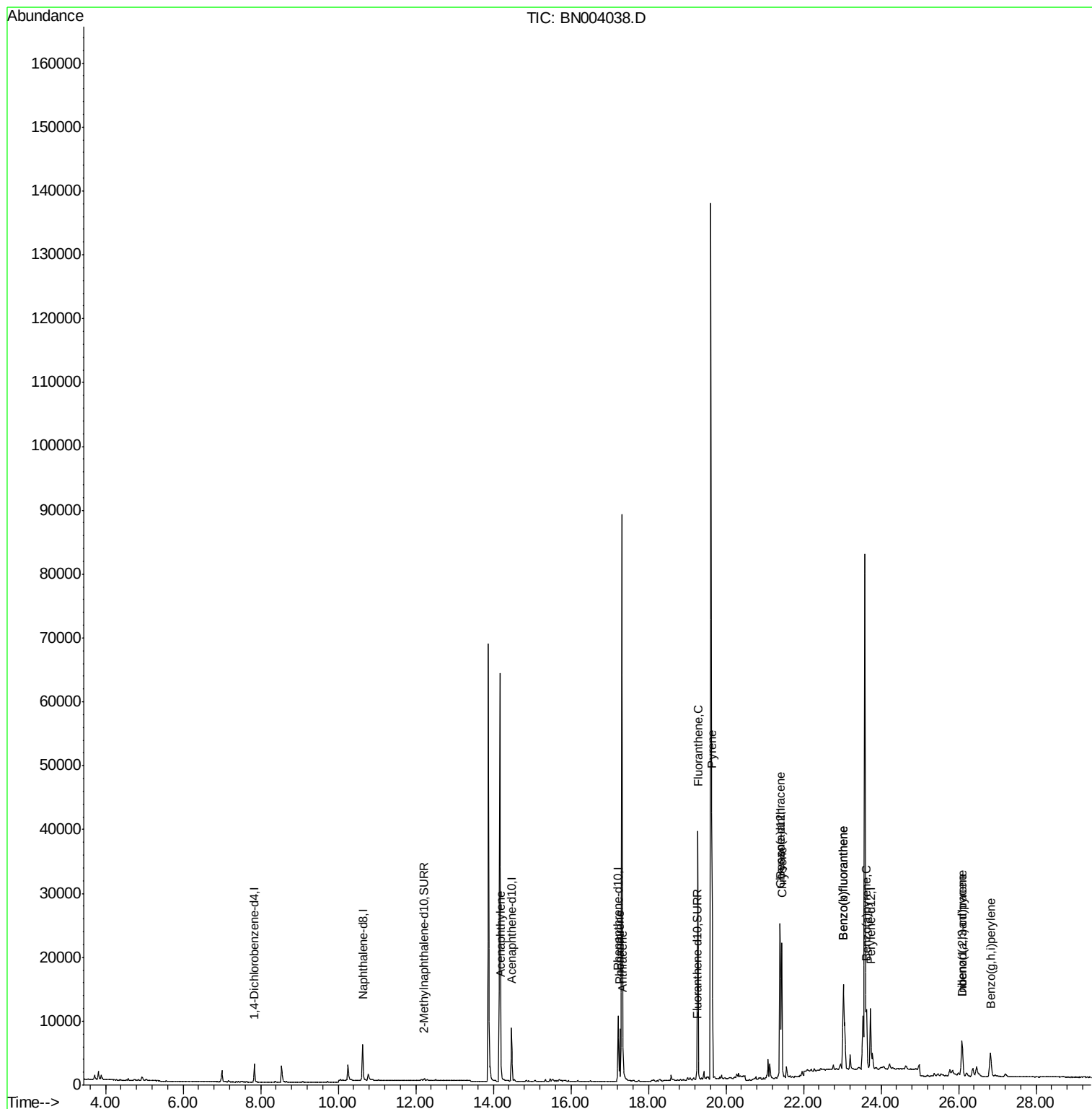
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.19	152	1843	0.087	ng/ul#	91
12) Phenanthrene	17.26	178	8557	0.219	ng/ul	98
13) Anthracene	17.35	178	2449	0.076	ng/ul#	92
15) Fluoranthene	19.28	202	32834	0.712	ng/ul	97
17) Pyrene	19.64	202	32640	0.675	ng/ul	96
18) Benzo(a)anthracene	21.39	228	17947	0.421	ng/ul	95
19) Chrysene	21.44	228	21260	0.436	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	31184	0.593	ng/ul	93
22) Benzo(k)fluoranthene	23.02	252	31183	0.609	ng/ul#	93
23) Benzo(a)pyrene	23.63	252	13064	0.287	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.09	276	8908	0.171	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.09	278	2698	0.064	ng/ul#	55
26) Benzo(g,h,i)perylene	26.83	276	7965	0.176	ng/ul#	90

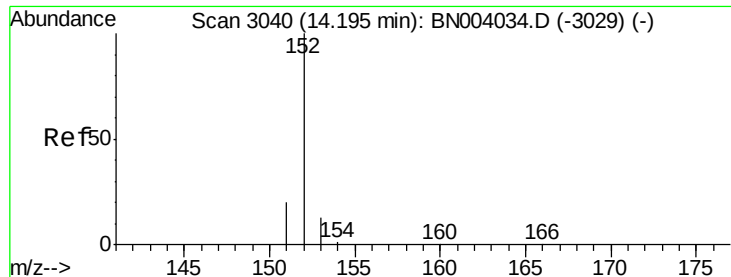
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.087 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004038.D

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Instrument :

BNA_N

ClientSampleId :

F9F03DL

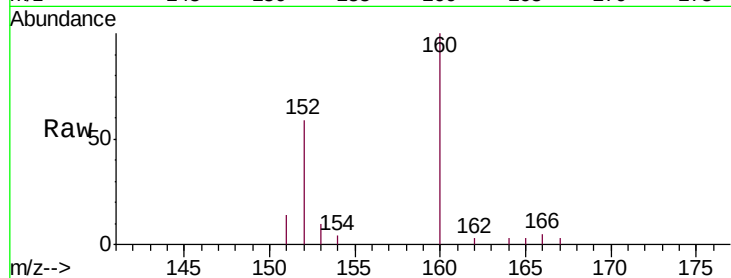
Tgt Ion:152 Resp: 1843

Ion Ratio Lower Upper

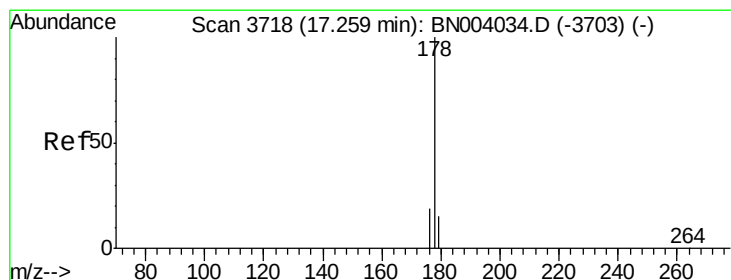
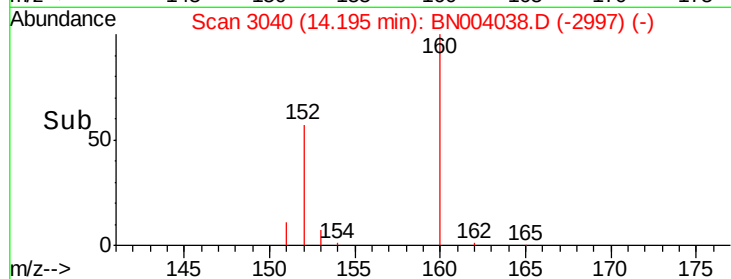
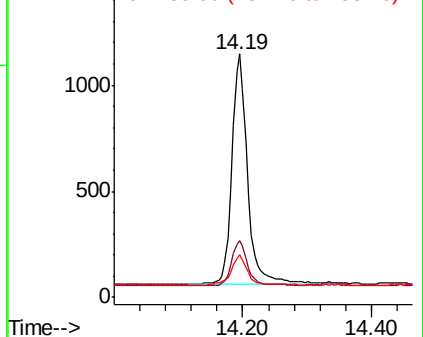
152 100

151 23.3 15.9 23.9

153 17.7 10.7 16.1#



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: 0.219 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

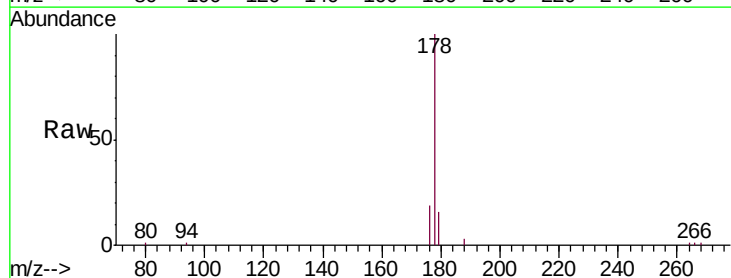
Tgt Ion:178 Resp: 8557

Ion Ratio Lower Upper

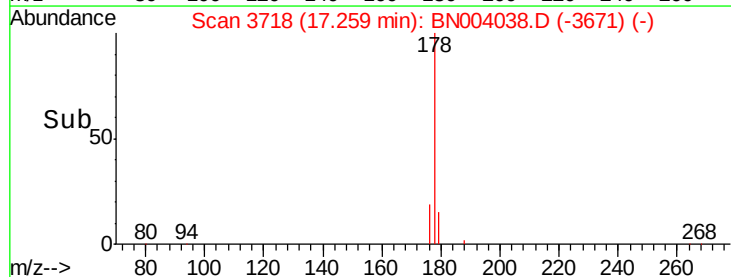
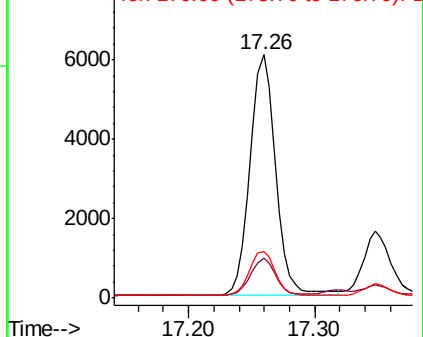
178 100

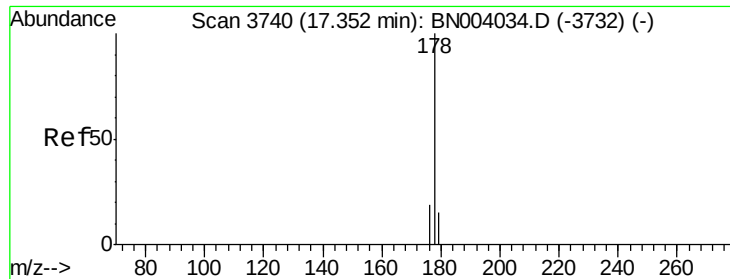
179 16.4 12.5 18.7

176 19.3 15.0 22.4



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: 0.076 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

ClientSampleId :

F9F03DL

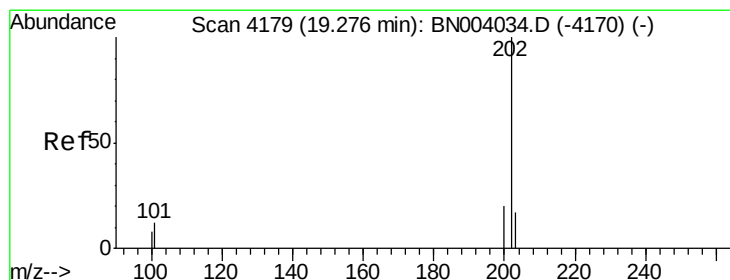
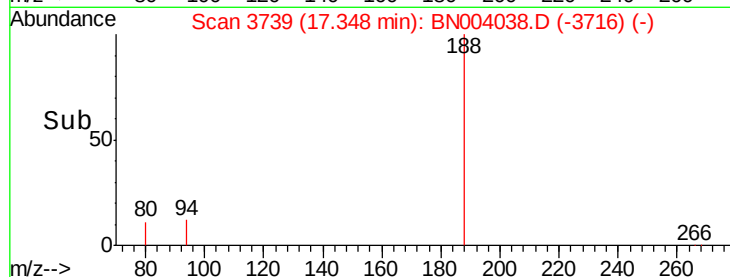
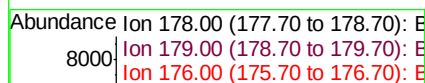
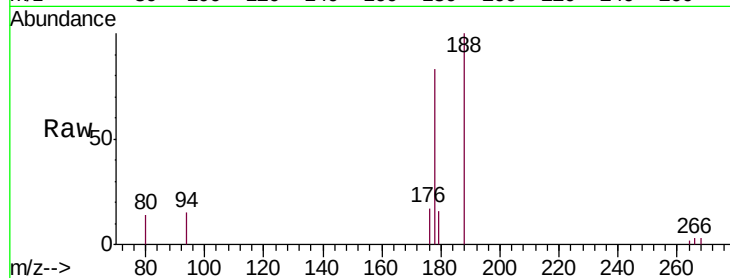
Tgt Ion:178 Resp: 2449

Ion Ratio Lower Upper

178 100

179 19.7 12.3 18.5#

176 21.0 14.8 22.2



#15

Fluoranthene

Concen: 0.712 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

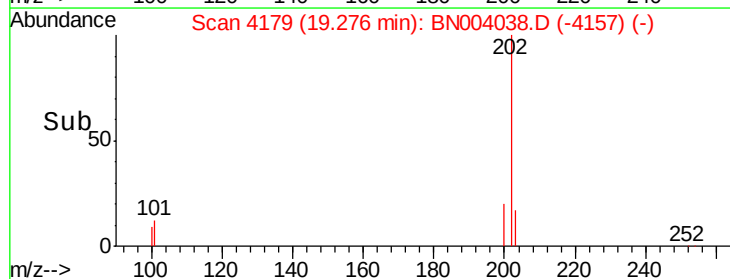
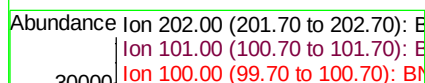
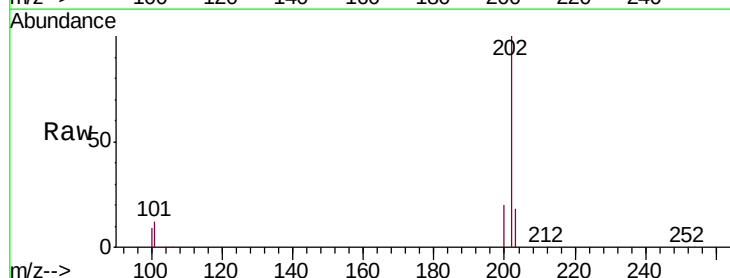
Tgt Ion:202 Resp: 32834

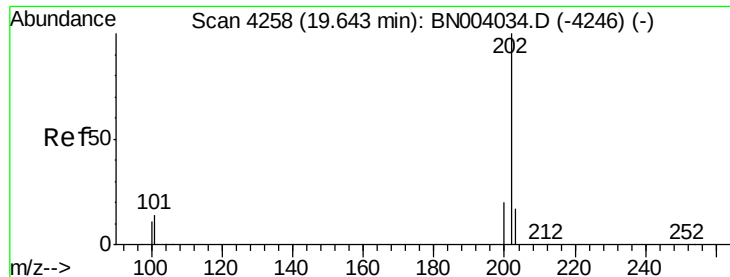
Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

100 9.0 0.0 28.1





#17

Pyrene

Concen: 0.675 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

ClientSampleId :

F9F03DL

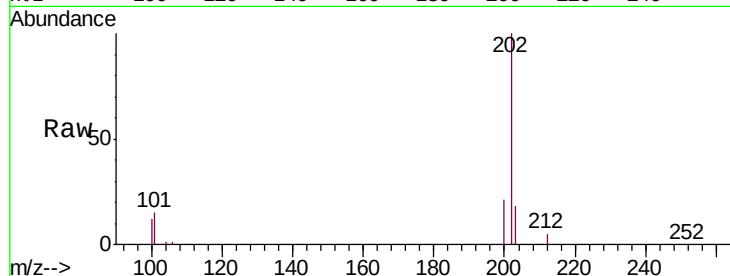
Tgt Ion:202 Resp: 32640

Ion Ratio Lower Upper

202 100

101 14.9 10.3 15.5

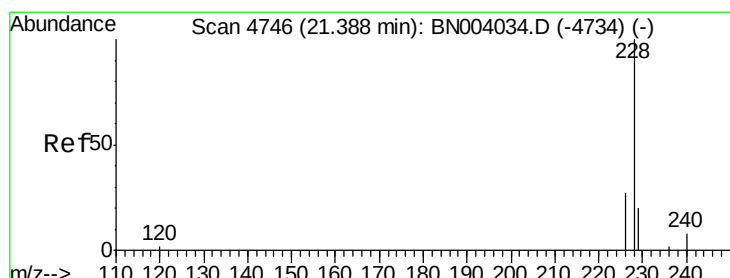
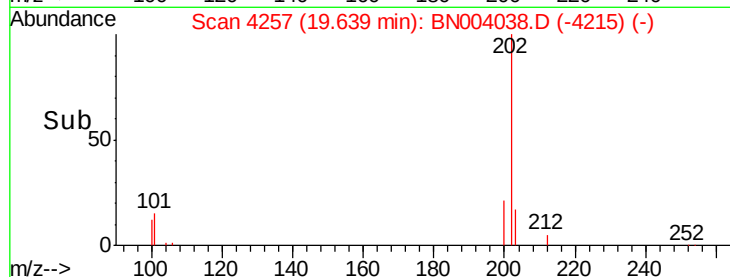
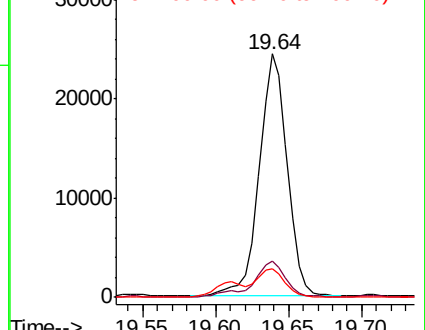
100 11.8 8.5 12.7



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: 0.421 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

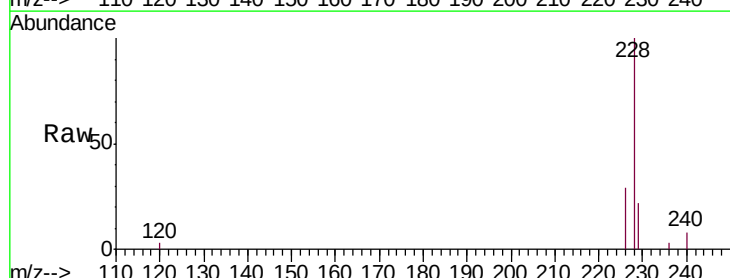
Tgt Ion:228 Resp: 17947

Ion Ratio Lower Upper

228 100

229 21.8 15.6 23.4

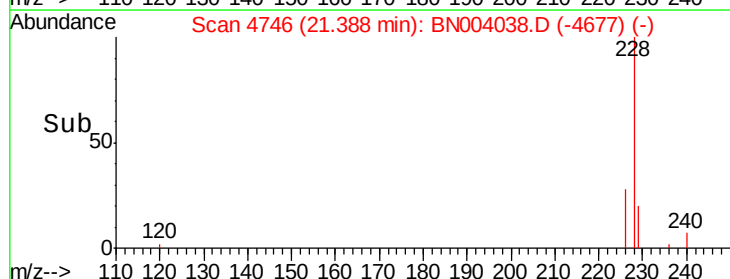
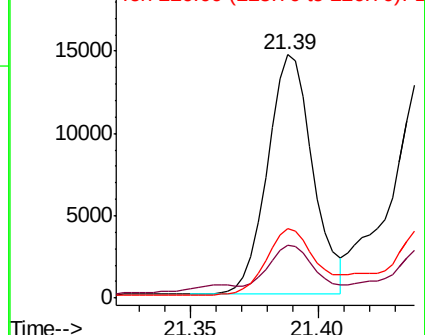
226 28.8 21.1 31.7

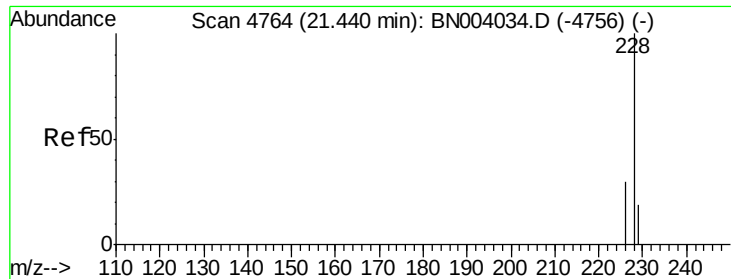


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.436 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

ClientSampleId :

F9F03DL

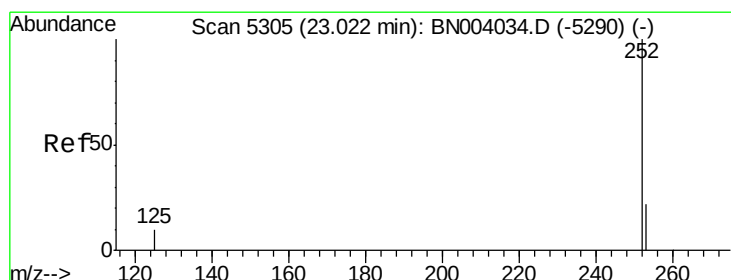
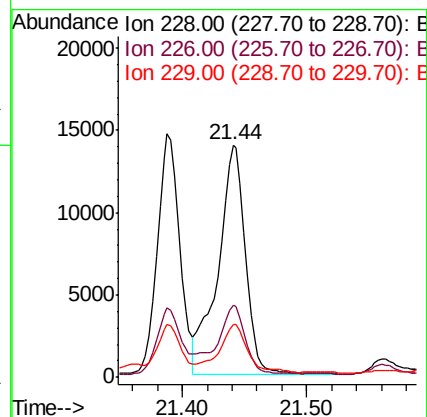
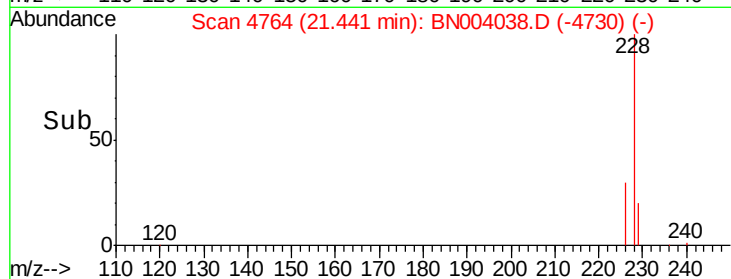
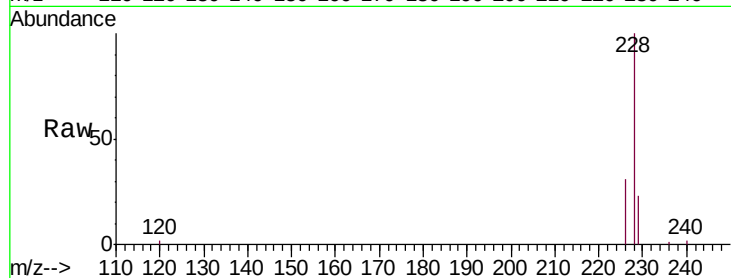
Tgt Ion:228 Resp: 21260

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 22.5 15.7 23.5



#21

Benzo(b)fluoranthene

Concen: 0.593 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

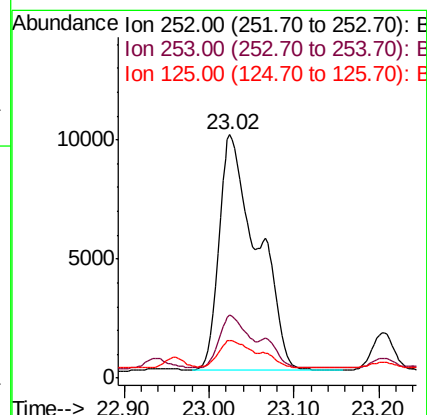
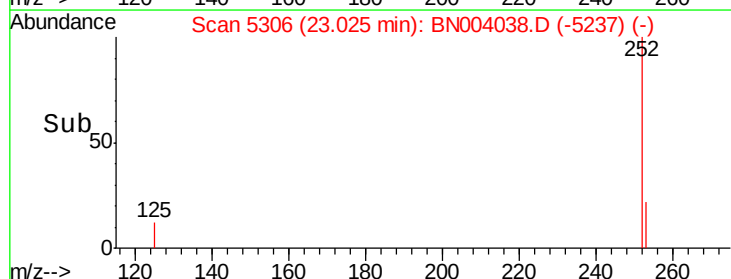
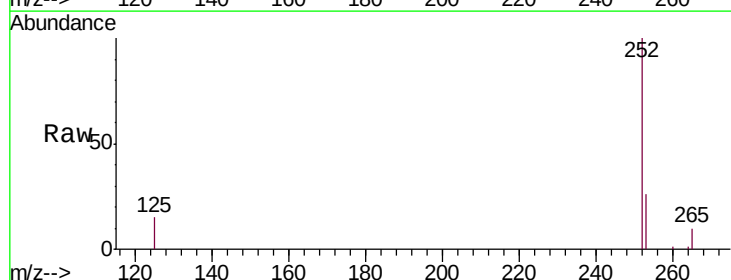
Tgt Ion:252 Resp: 31184

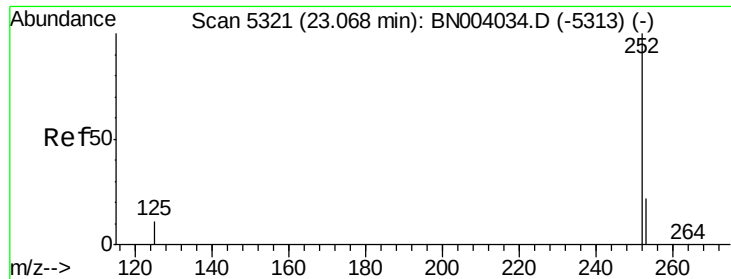
Ion Ratio Lower Upper

252 100

253 25.7 0.0 46.0

125 15.4 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 0.609 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. -0.04 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

BNA_N

ClientSampleId :

F9F03DL

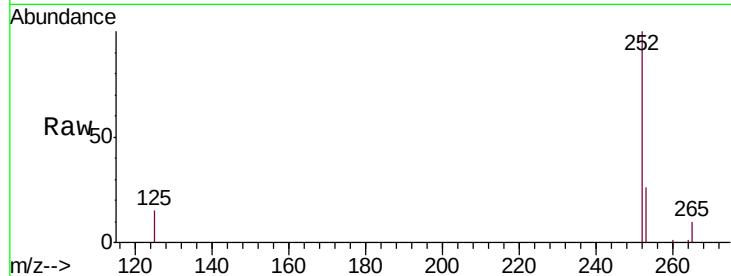
Tgt Ion:252 Resp: 31183

Ion Ratio Lower Upper

252 100

253 25.7 18.5 27.7

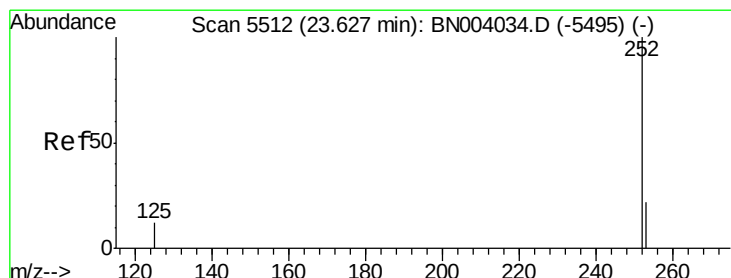
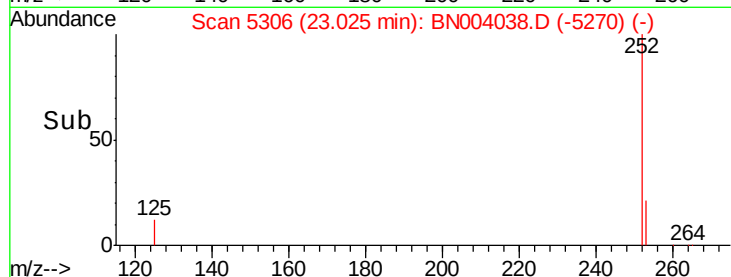
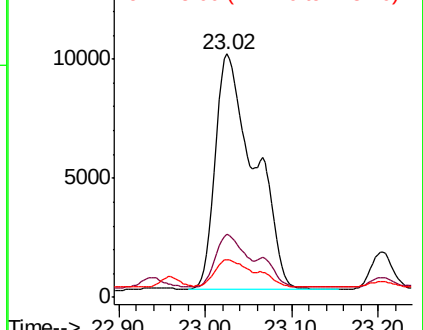
125 15.4 9.0 13.6#



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: 0.287 ng/ul

RT: 23.63 min Scan# 5512

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

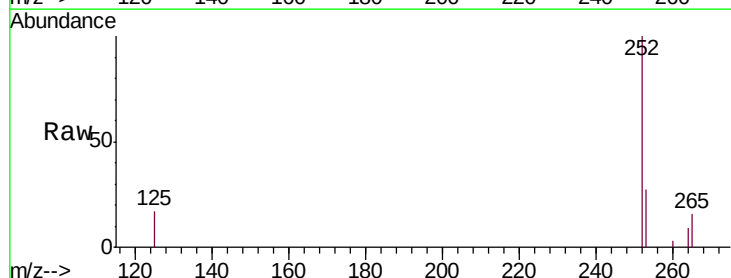
Tgt Ion:252 Resp: 13064

Ion Ratio Lower Upper

252 100

253 27.1 19.0 28.4

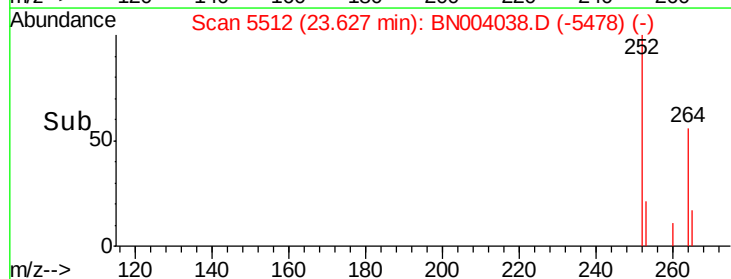
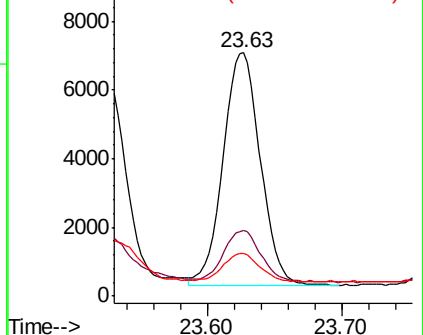
125 17.4 10.2 15.4#

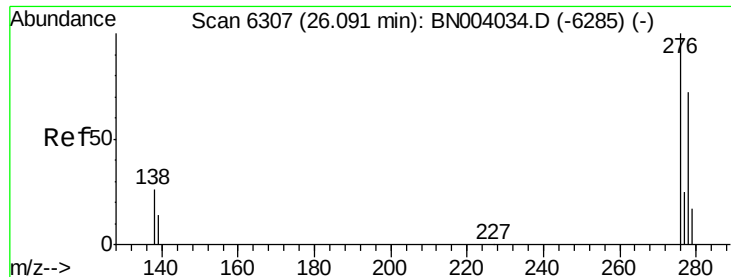


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.171 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. 0.00 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

Instrument :

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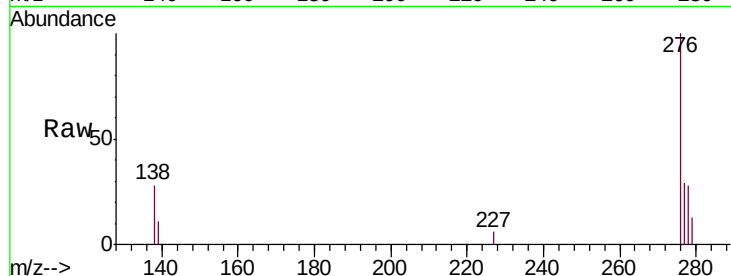
Tgt Ion:276 Resp: 8908

Ion Ratio Lower Upper

276 100

138 23.4 20.3 30.5

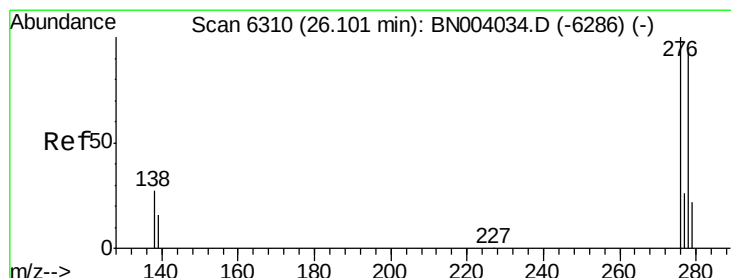
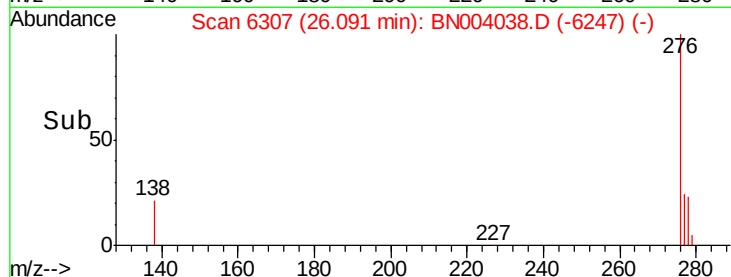
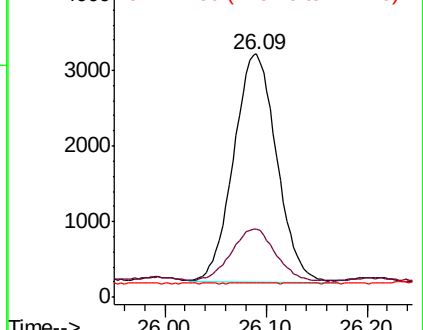
227 0.1 0.2 0.2#



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: 0.064 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.01 min

Lab File: BN004038.D

Acq: 17 Dec 2018 16:39

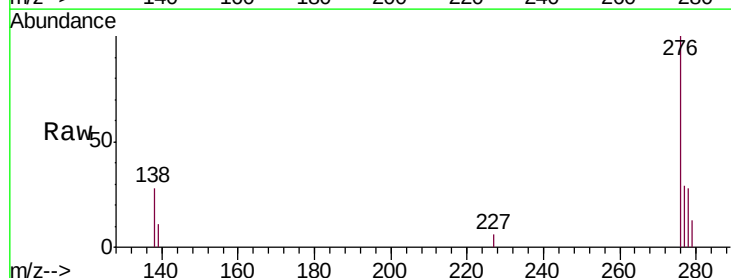
Tgt Ion:278 Resp: 2698

Ion Ratio Lower Upper

278 100

139 38.6 14.2 21.4#

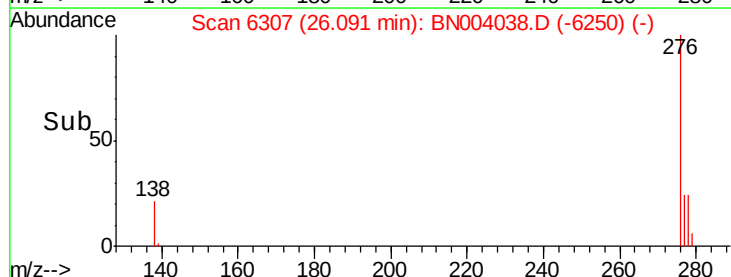
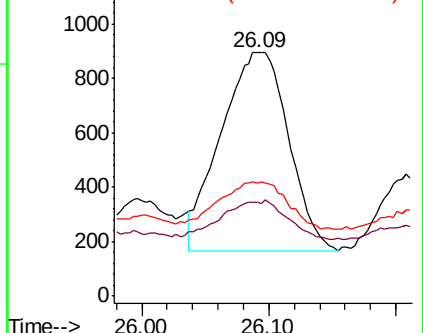
279 46.5 19.8 29.6#

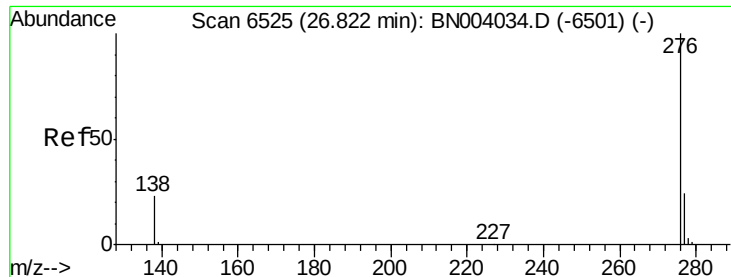


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.176 ng/ul

RT: 26.83 min Scan# 6526

Delta R.T. 0.00 min

Lab File: BN004038.D

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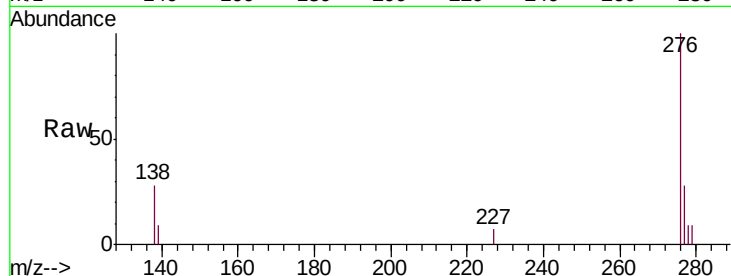
Tgt Ion: 276 Resp: 7965

Ion Ratio Lower Upper

276 100

138 28.4 17.7 26.5#

277 27.9 19.3 28.9



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

