

Data File : BN004035.D
Acq On : 17 Dec 2018 14:52
Operator : JU/SJ
Sample : J6228-15DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Quant Time: Dec 18 04:31:53 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	1296	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6704	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4098	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10430	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12237	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	11675	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	628	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2101	0.07	ng/ul	0.00

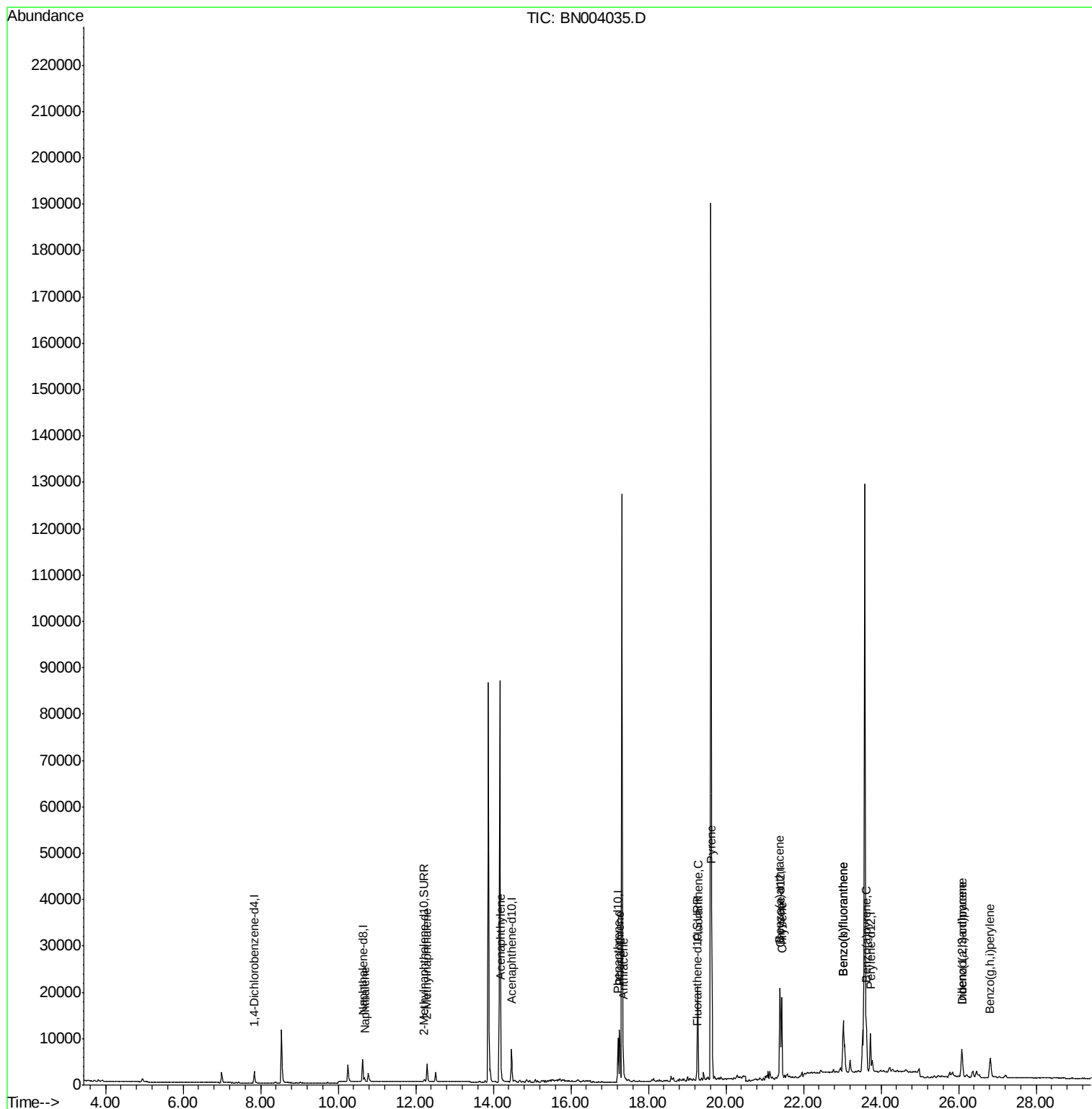
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	1009	0.054	ng/ul#	78
5) 2-Methylnaphthalene	12.29	142	2932	0.223	ng/ul	98
7) Acenaphthylene	14.19	152	4272	0.232	ng/ul	95
12) Phenanthrene	17.26	178	12442	0.363	ng/ul	98
13) Anthracene	17.35	178	5652	0.201	ng/ul	96
15) Fluoranthene	19.28	202	17200	0.425	ng/ul	96
17) Pyrene	19.64	202	27517	0.627	ng/ul	95
18) Benzo(a)anthracene	21.39	228	13890	0.359	ng/ul#	93
19) Chrysene	21.44	228	17559	0.397	ng/ul#	94
21) Benzo(b)fluoranthene	23.02	252	25613	0.530	ng/ul	90
22) Benzo(k)fluoranthene	23.02	252	25698	0.546	ng/ul#	91
23) Benzo(a)pyrene	23.63	252	12154	0.291	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.09	276	9538	0.199	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	2936	0.076	ng/ul#	44
26) Benzo(g,h,i)perylene	26.82	276	8836	0.212	ng/ul#	88

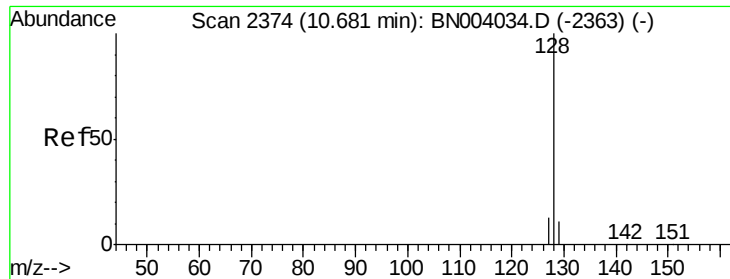
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 04:31:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.054 ng/u1

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL

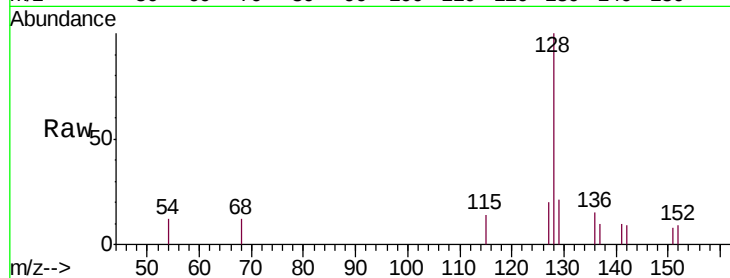
Tgt Ion:128 Resp: 1009

Ion Ratio Lower Upper

128 100

129 21.4 9.0 13.6#

127 20.3 10.5 15.7#



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

10.68

600

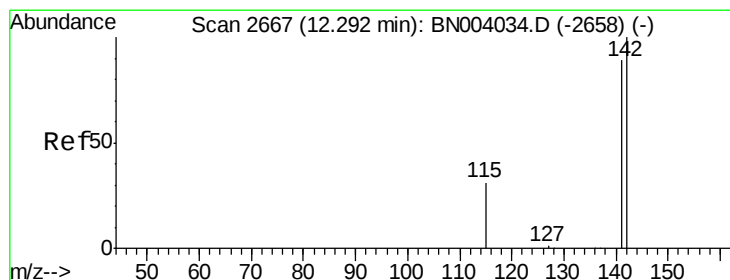
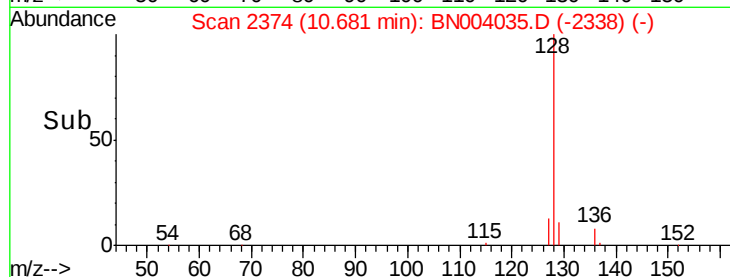
400

200

0

Time-->

10.60 10.70



#5

2-Methylnaphthalene

Concen: 0.223 ng/u1

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004035.D

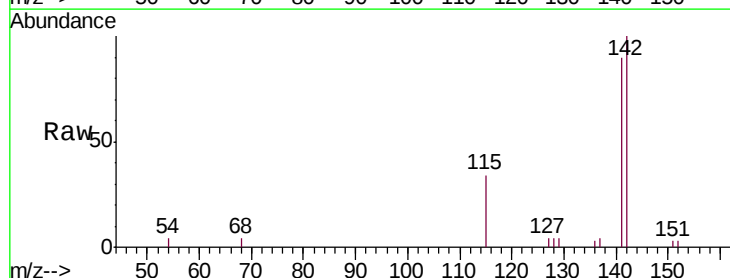
Acq: 17 Dec 2018 14:52

Tgt Ion:142 Resp: 2932

Ion Ratio Lower Upper

142 100

141 87.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

2000

1500

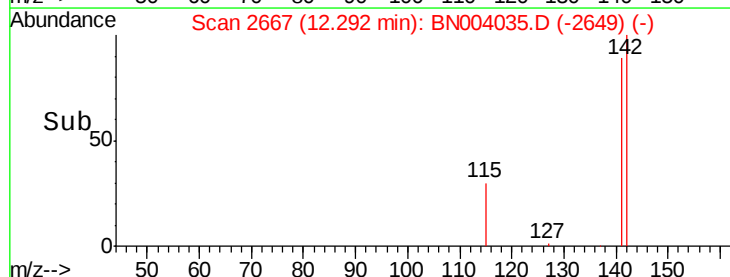
1000

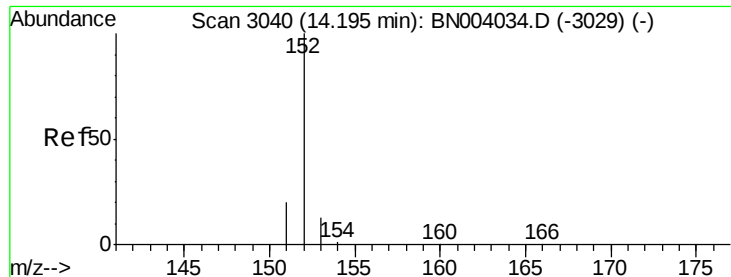
500

0

Time-->

12.20 12.40





#7

Acenaphthylene

Concen: 0.232 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL

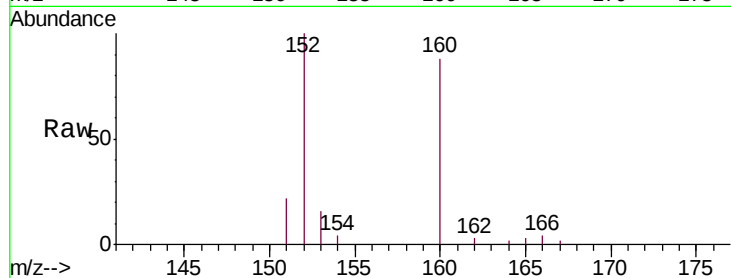
Tgt Ion:152 Resp: 4272

Ion Ratio Lower Upper

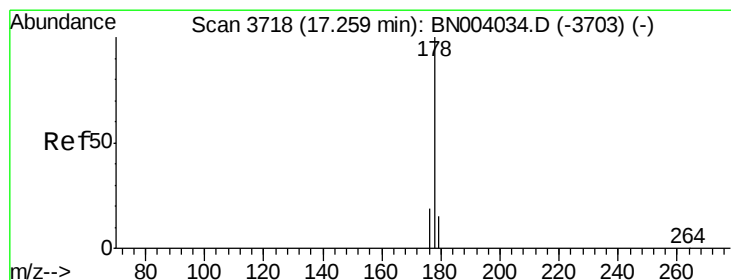
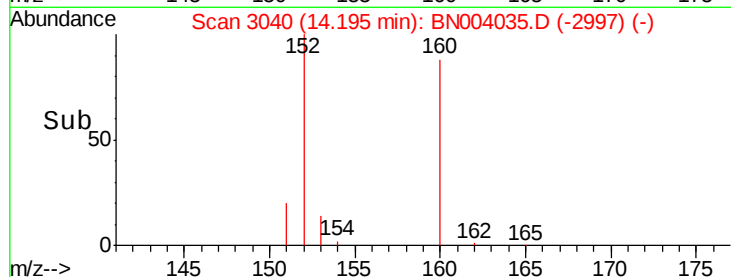
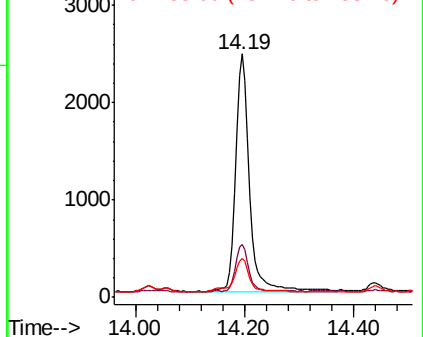
152 100

151 21.5 15.9 23.9

153 16.0 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: 0.363 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

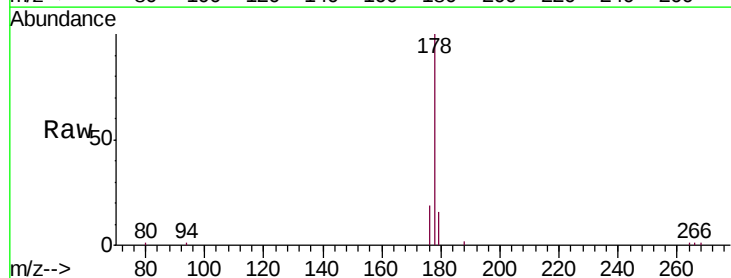
Tgt Ion:178 Resp: 12442

Ion Ratio Lower Upper

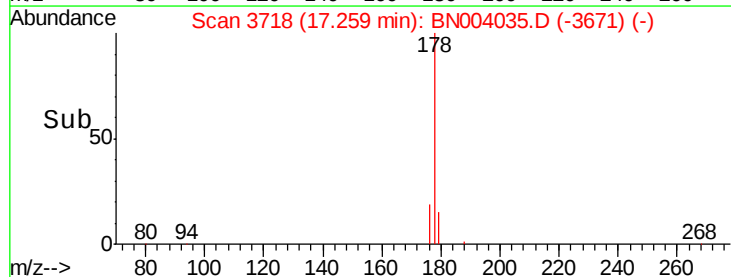
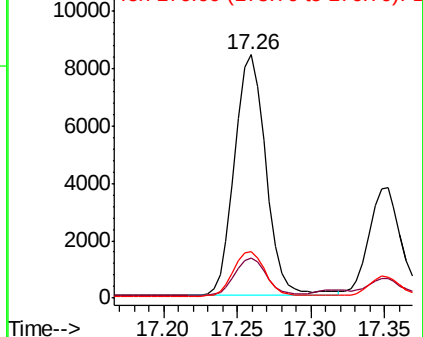
178 100

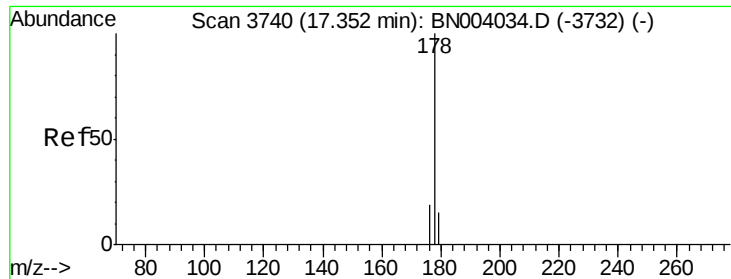
179 16.4 12.5 18.7

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: 0.201 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL

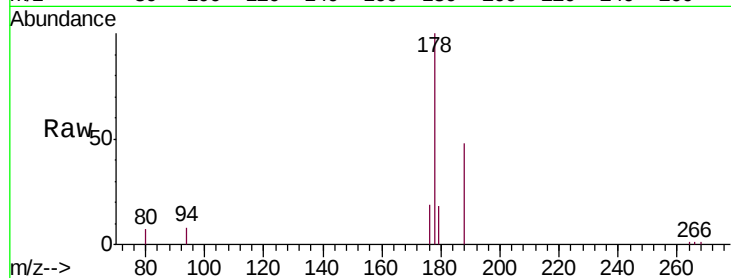
Tgt Ion:178 Resp: 5652

Ion Ratio Lower Upper

178 100

179 18.0 12.3 18.5

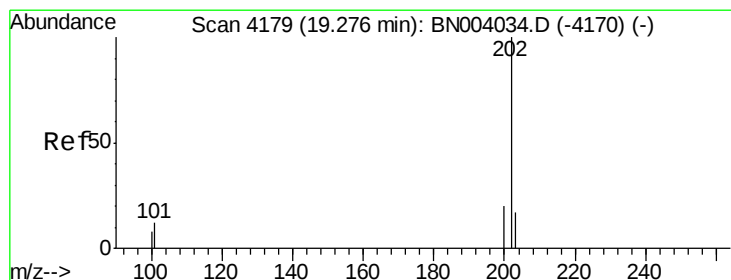
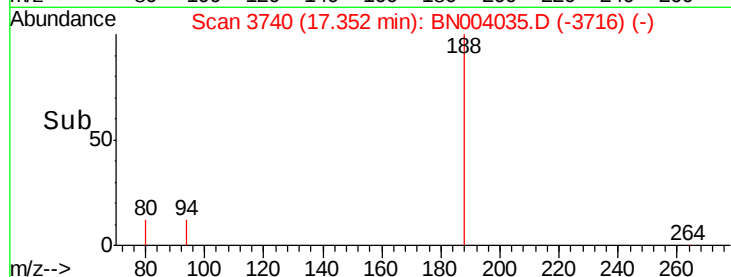
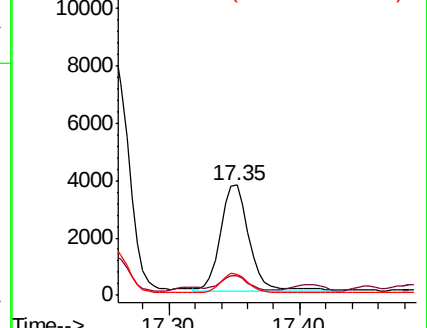
176 19.3 14.8 22.2



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: 0.425 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

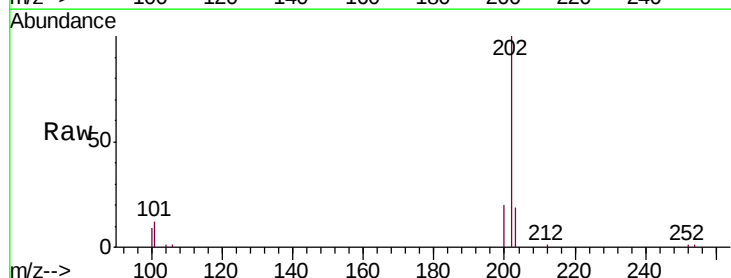
Tgt Ion:202 Resp: 17200

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.7

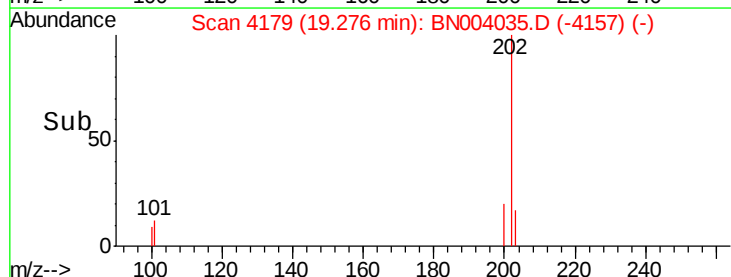
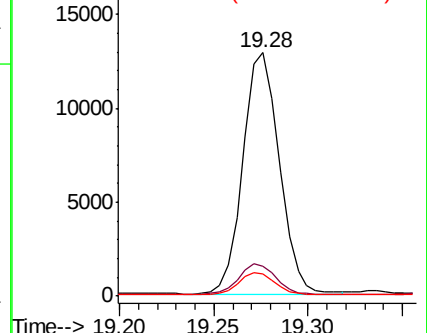
100 9.3 0.0 28.1

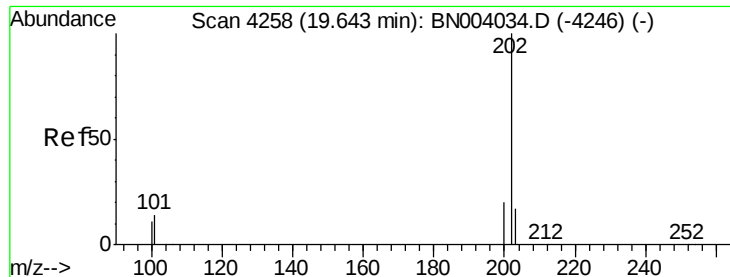


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.627 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

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F9E50DL

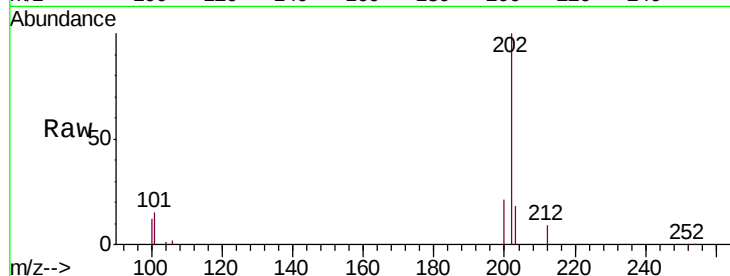
Tgt Ion:202 Resp: 27517

Ion Ratio Lower Upper

202 100

101 15.5 10.3 15.5

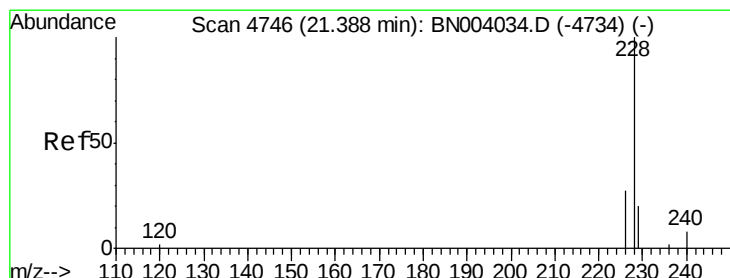
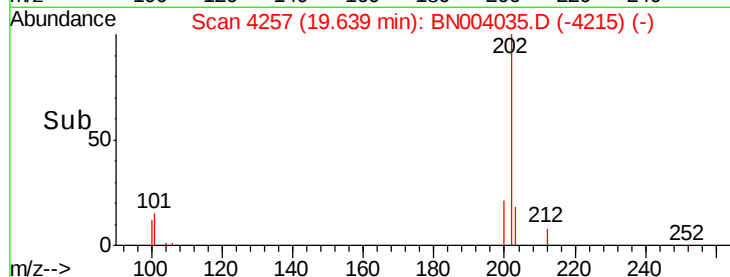
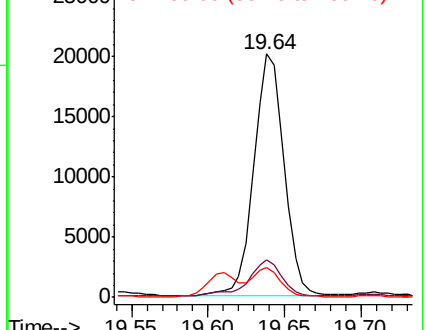
100 12.1 8.5 12.7



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: 0.359 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. -0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

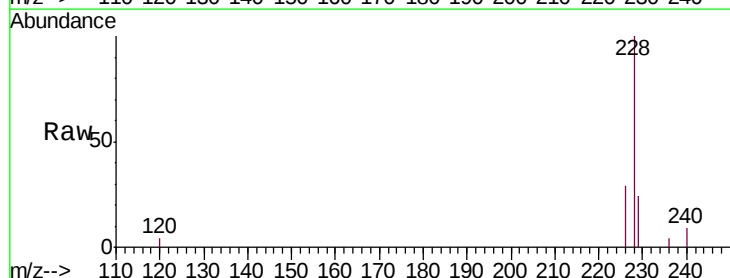
Tgt Ion:228 Resp: 13890

Ion Ratio Lower Upper

228 100

229 24.1 15.6 23.4#

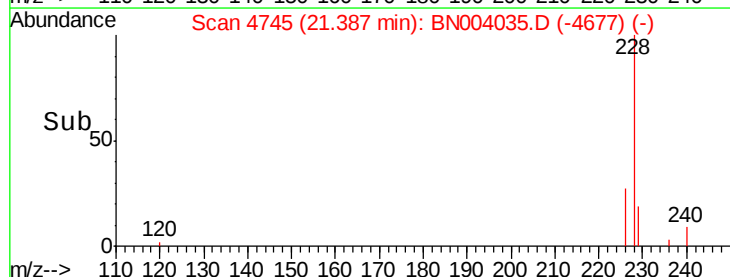
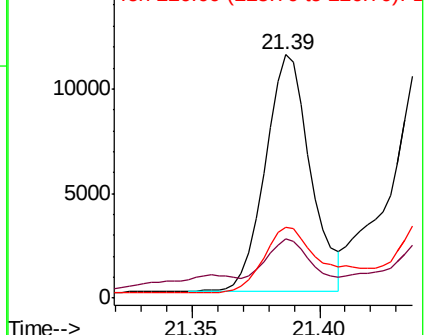
226 29.0 21.1 31.7

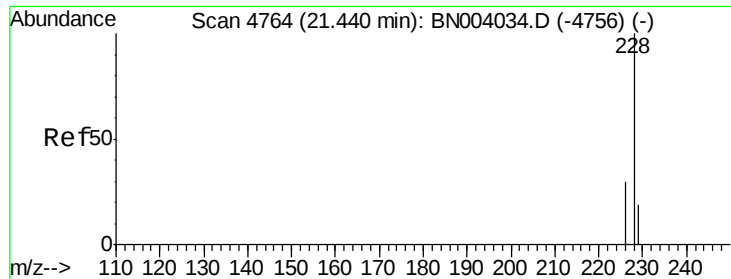


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.397 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL

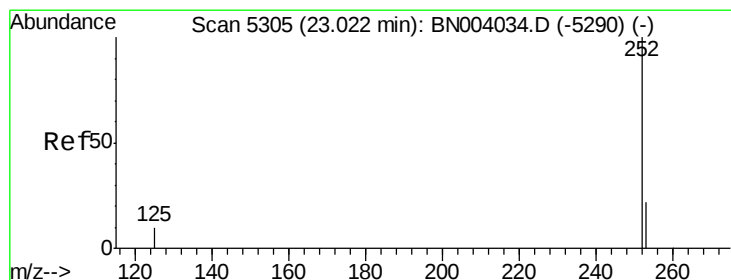
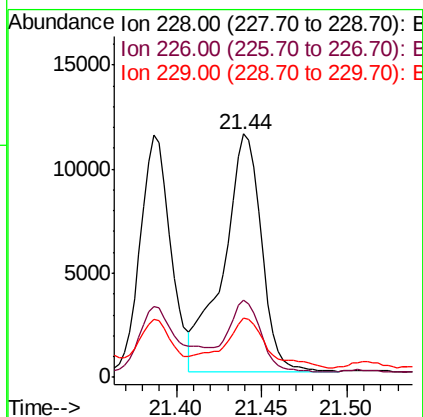
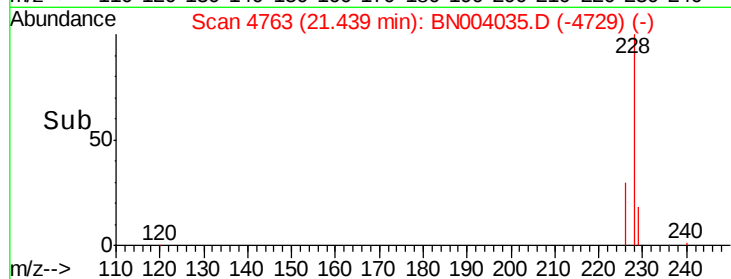
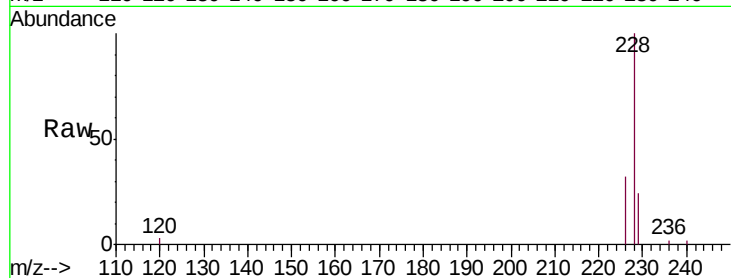
Tgt Ion:228 Resp: 17559

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

229 24.1 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.530 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

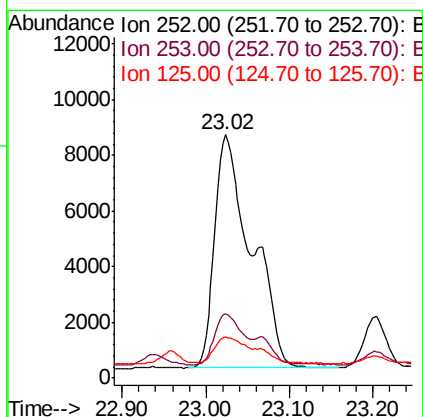
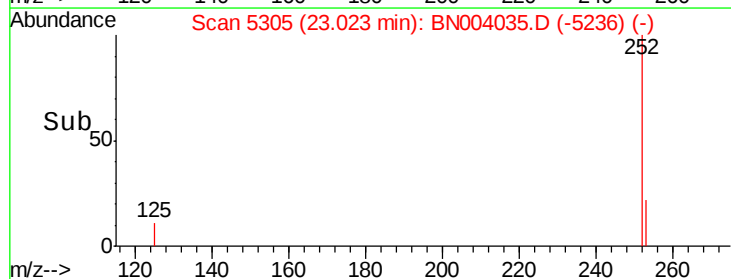
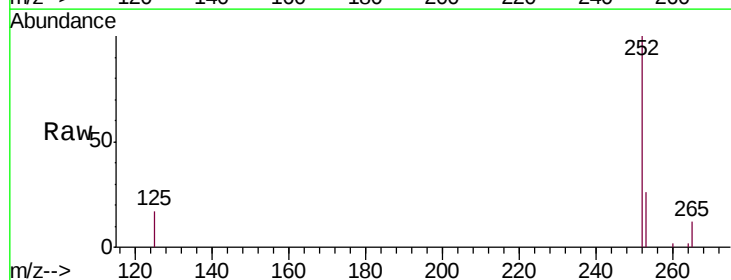
Tgt Ion:252 Resp: 25613

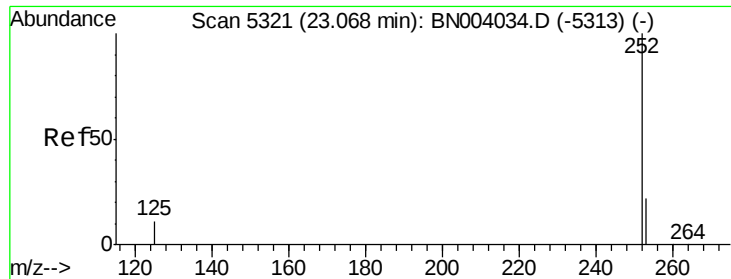
Ion Ratio Lower Upper

252 100

253 26.4 0.0 46.0

125 16.9 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 0.546 ng/u1

RT: 23.02 min Scan# 5305

Delta R.T. -0.05 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL

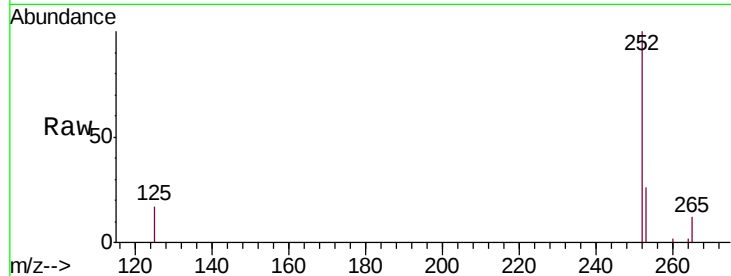
Tgt Ion:252 Resp: 25698

Ion Ratio Lower Upper

252 100

253 26.4 18.5 27.7

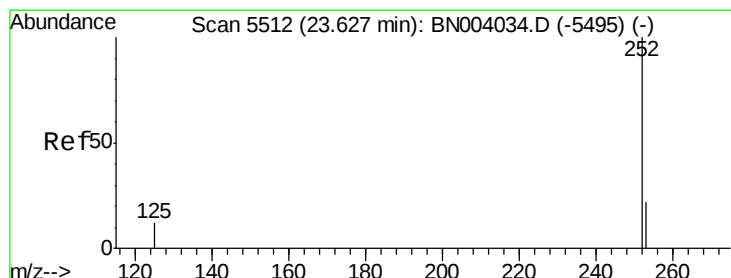
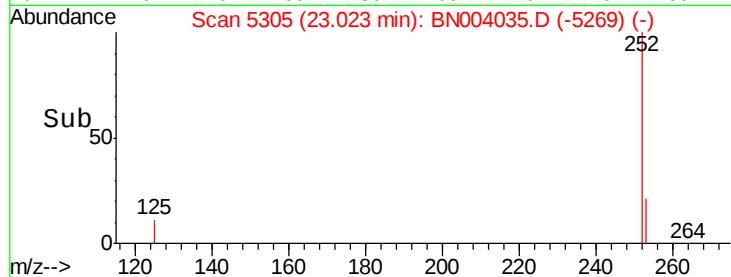
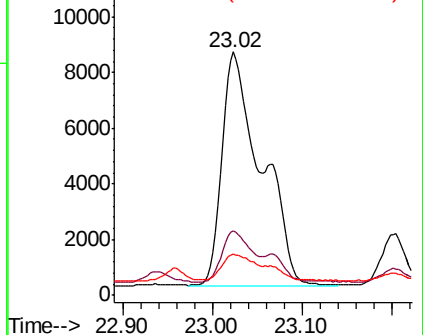
125 16.9 9.0 13.6#



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: 0.291 ng/u1

RT: 23.63 min Scan# 5511

Delta R.T. -0.00 min

Lab File: BN004035.D

Acq: 17 Dec 2018 14:52

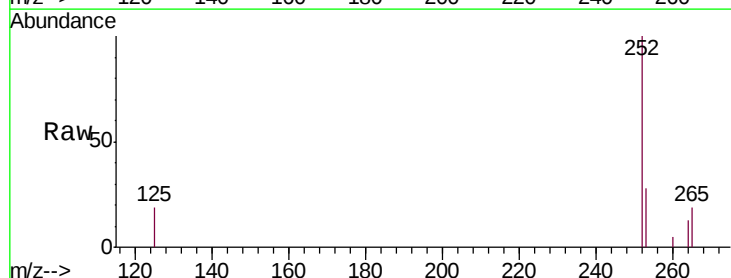
Tgt Ion:252 Resp: 12154

Ion Ratio Lower Upper

252 100

253 28.2 19.0 28.4

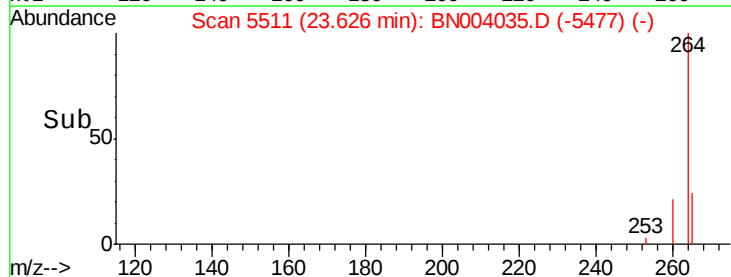
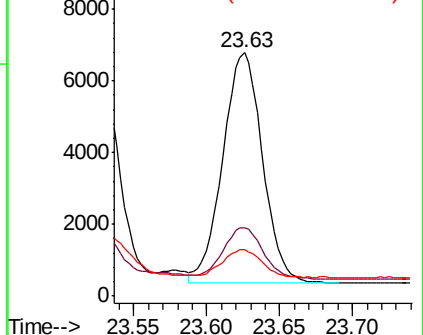
125 19.2 10.2 15.4#

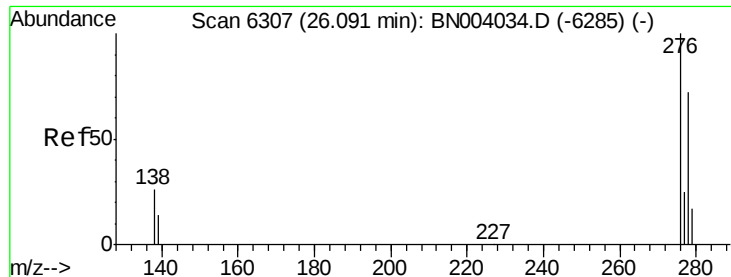


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



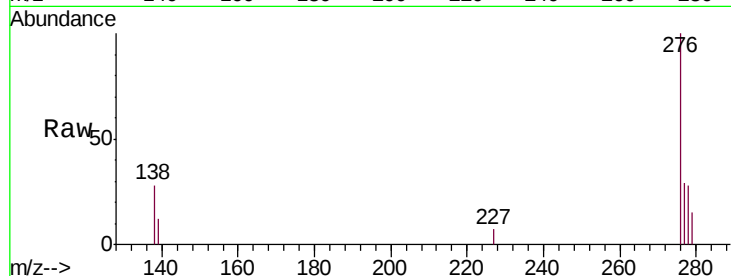


#24

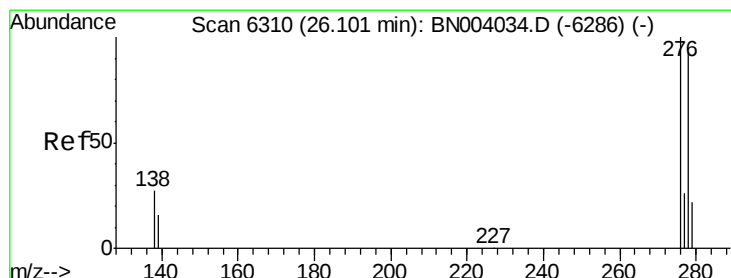
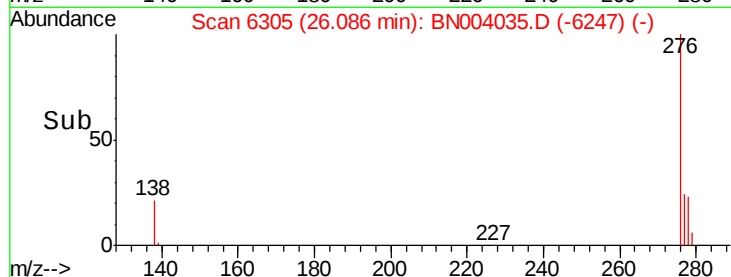
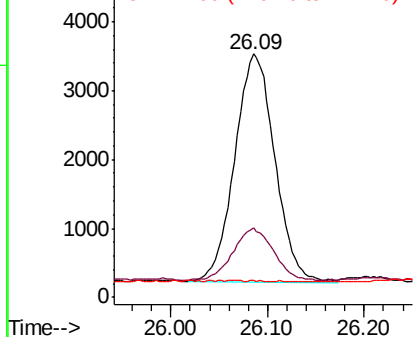
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/u1
RT: 26.09 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Instrument :
BNA_N
ClientSampleId :
F9E50DL

Tgt Ion: 276 Resp: 9538
Ion Ratio Lower Upper
276 100
138 23.7 20.3 30.5
227 0.0 0.2 0.2#



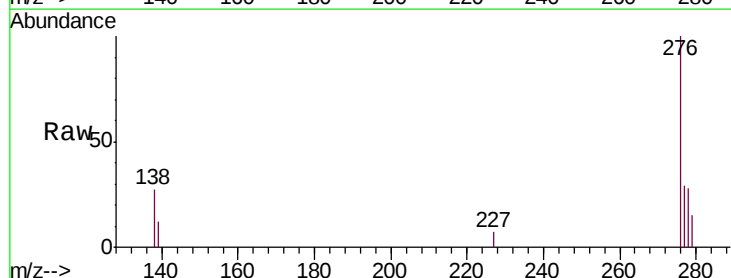
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



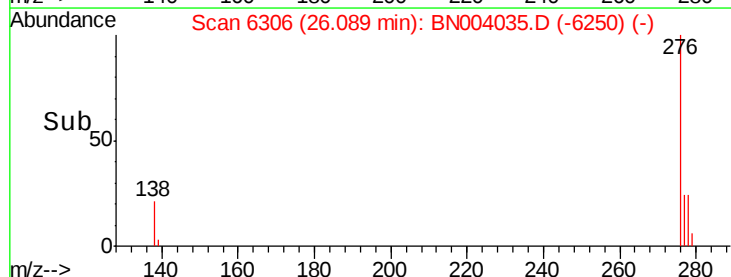
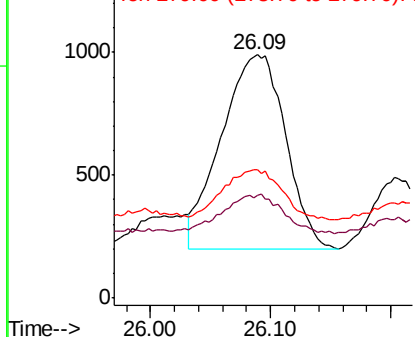
#25

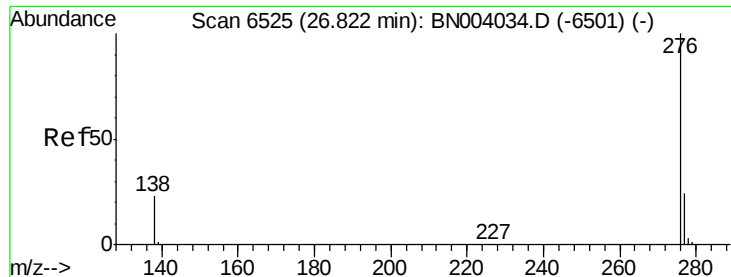
Dibenzo(a,h)anthracene
Concen: 0.076 ng/u1
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN004035.D
Acq: 17 Dec 2018 14:52

Tgt Ion: 278 Resp: 2936
Ion Ratio Lower Upper
278 100
139 42.4 14.2 21.4#
279 52.5 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: 0.212 ng/ul

RT: 26.82 min Scan# 6524

Delta R.T. -0.00 min

Lab File: BN004035.D

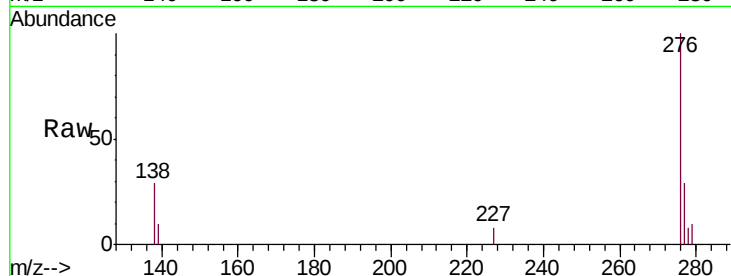
Acq: 17 Dec 2018 14:52

Instrument :

BNA_N

ClientSampleId :

F9E50DL



Tgt Ion: 276 Resp: 8836

Ion Ratio Lower Upper

276 100

138 28.7 17.7 26.5#

277 29.0 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

