

Data File : BN004129.D
Acq On : 20 Dec 2018 00:20
Operator : JU/SJ
Sample : J6299-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F23

Quant Time: Dec 20 05:54:12 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 : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7054	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11344	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12678	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12585	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1182	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	3933	0.12	ng/ul	0.00

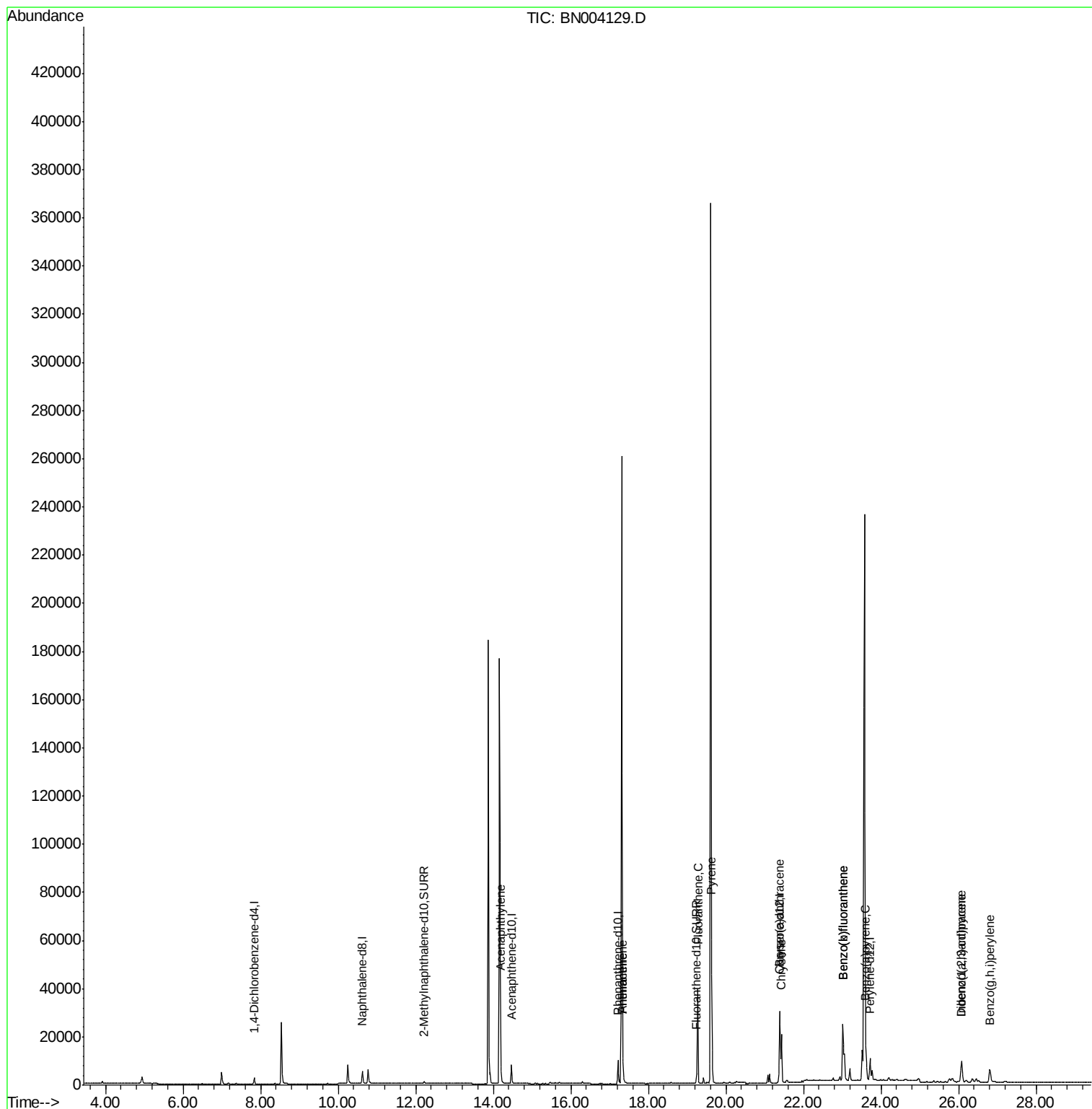
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	6712	0.343	ng/ul	98
12) Phenanthrene	17.35	178	6268	0.168	ng/ul	98
13) Anthracene	17.35	178	6249	0.204	ng/ul	98
15) Fluoranthene	19.27	202	32386	0.737	ng/ul	97
17) Pyrene	19.63	202	33604	0.739	ng/ul	95
18) Benzo(a)anthracene	21.38	228	23146	0.578	ng/ul	97
19) Chrysene	21.43	228	22664	0.495	ng/ul	97
21) Benzo(b)fluoranthene	23.01	252	51743	0.994	ng/ul	97
22) Benzo(k)fluoranthene	23.01	252	51739	1.020	ng/ul#	97
23) Benzo(a)pyrene	23.61	252	17020	0.378	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.07	276	14895	0.288	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.08	278	4121	0.099	ng/ul#	72
26) Benzo(g,h,i)perylene	26.81	276	11382	0.253	ng/ul#	91

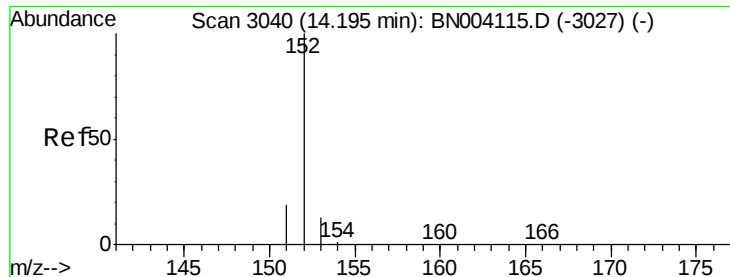
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.343 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampleId :

F9F23

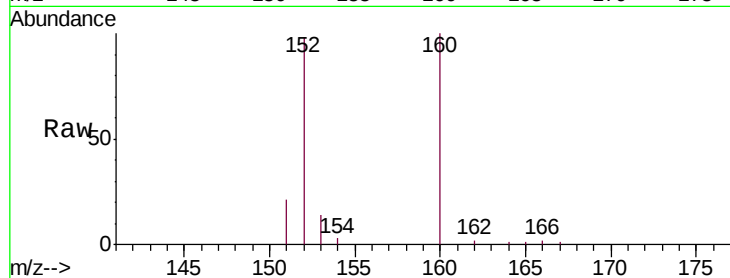
Tgt Ion:152 Resp: 6712

Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

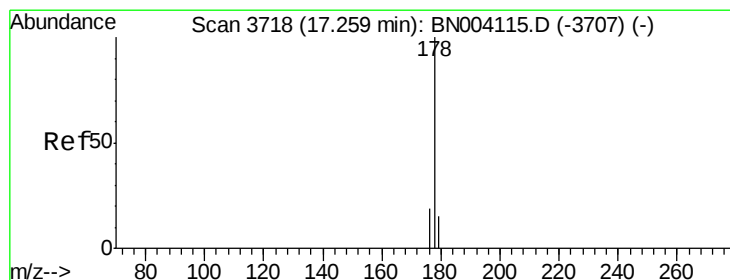
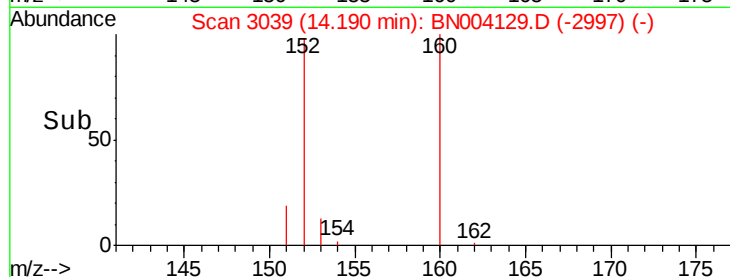
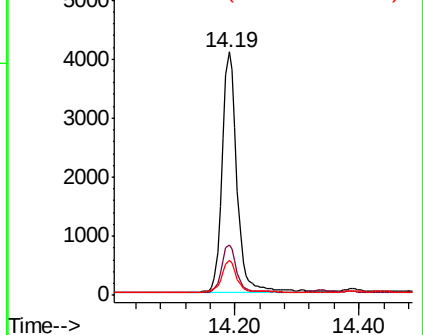
153 14.5 10.7 16.1



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: 0.168 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.09 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

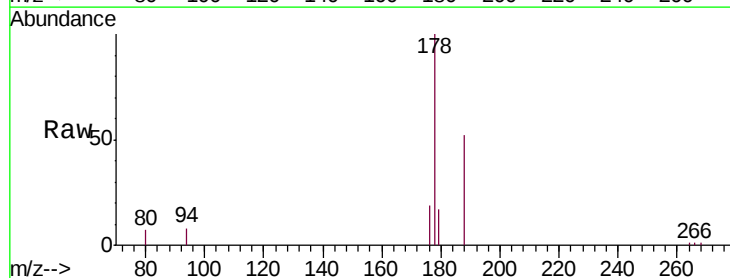
Tgt Ion:178 Resp: 6268

Ion Ratio Lower Upper

178 100

179 16.8 12.5 18.7

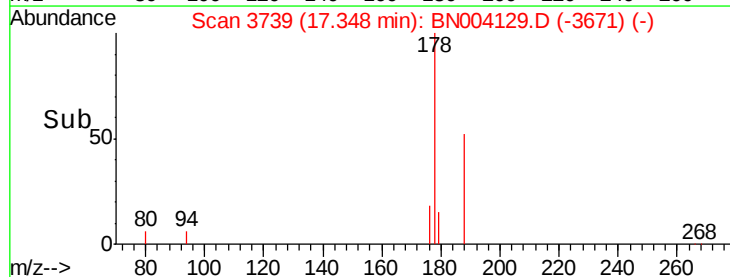
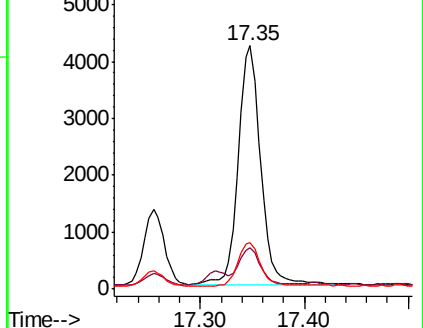
176 19.3 15.0 22.4

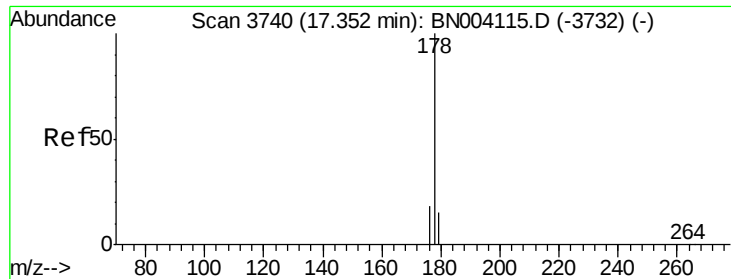


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.204 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampleId :

F9F23

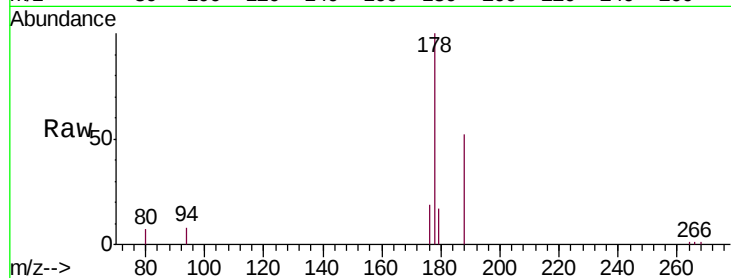
Tgt Ion:178 Resp: 6249

Ion Ratio Lower Upper

178 100

179 16.8 12.3 18.5

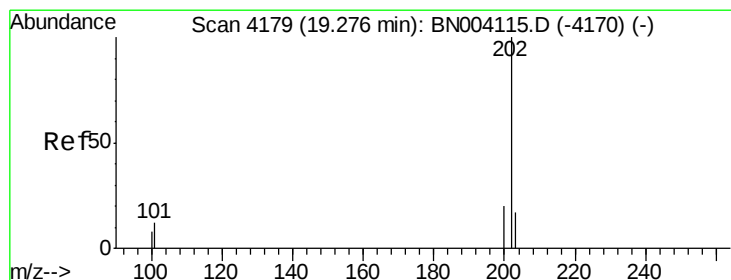
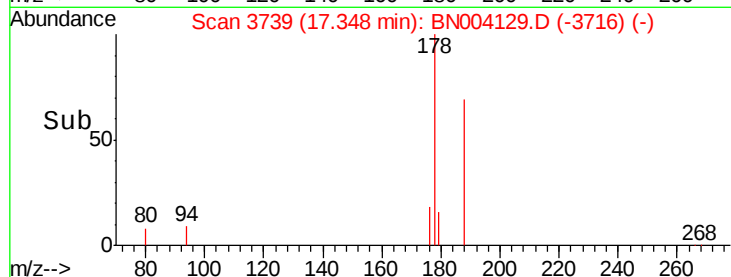
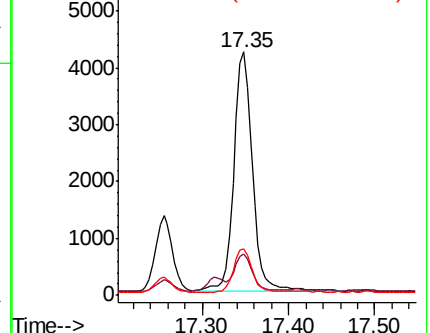
176 19.3 14.8 22.2



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: 0.737 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

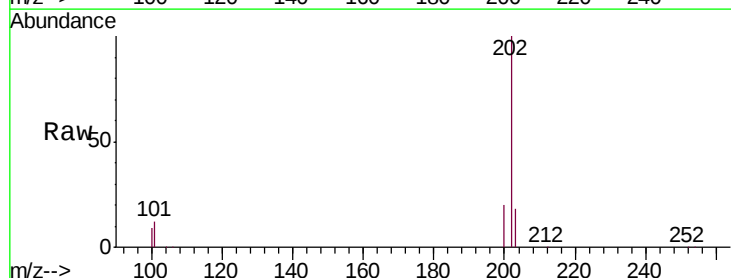
Tgt Ion:202 Resp: 32386

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

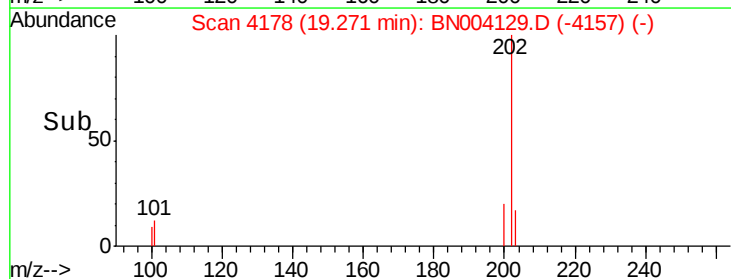
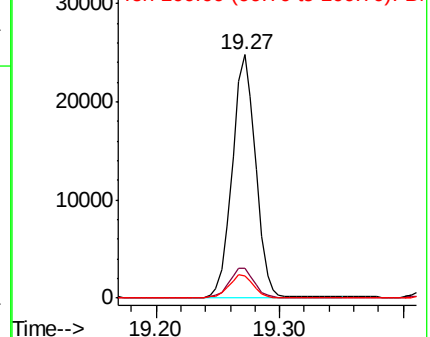
100 9.1 0.0 28.1

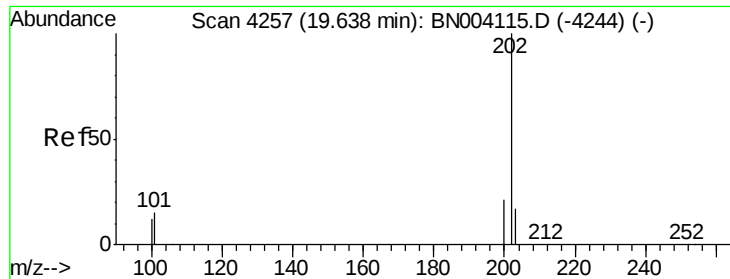


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.739 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampleId :

F9F23

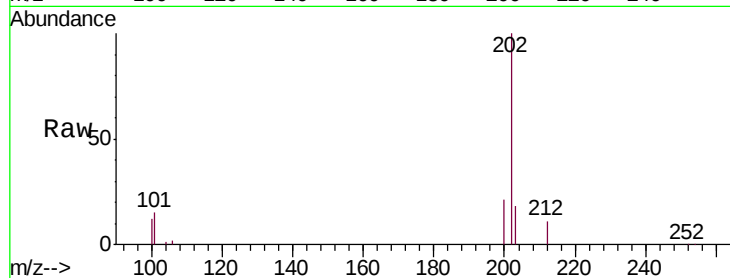
Tgt Ion:202 Resp: 33604

Ion Ratio Lower Upper

202 100

101 14.9 10.3 15.5

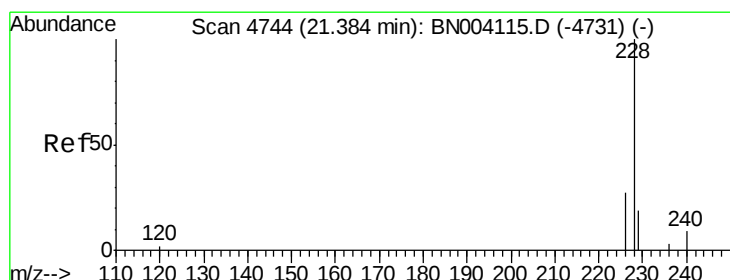
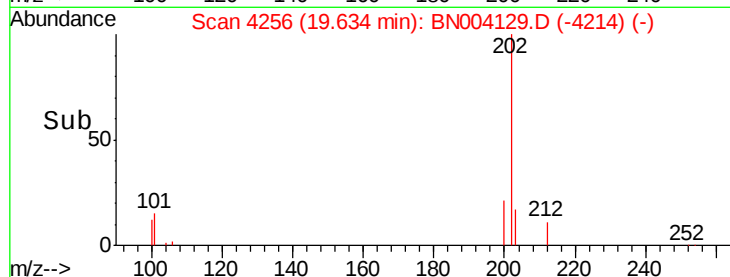
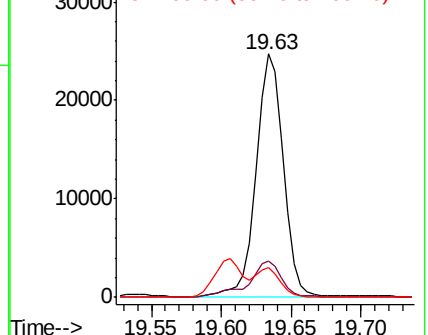
100 12.1 8.5 12.7



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: 0.578 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

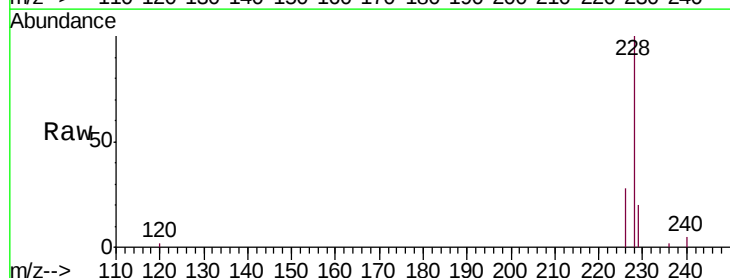
Tgt Ion:228 Resp: 23146

Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

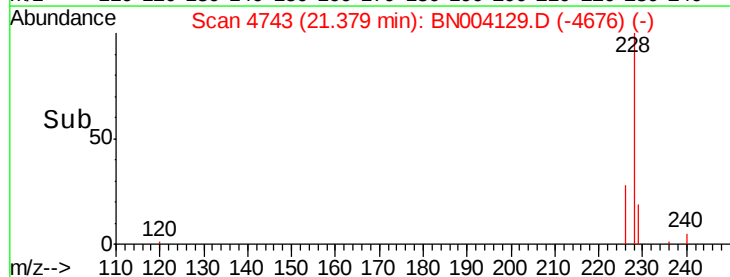
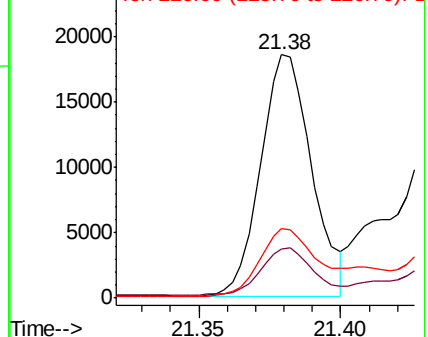
226 28.4 21.1 31.7

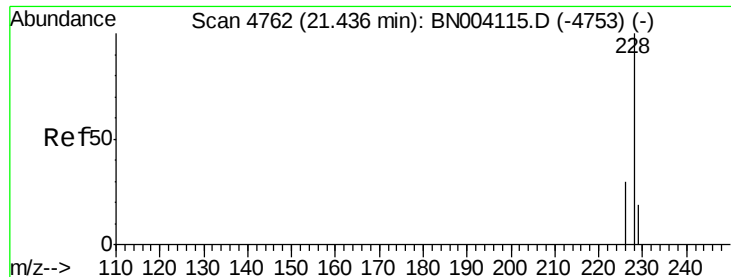


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.495 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampled :

F9F23

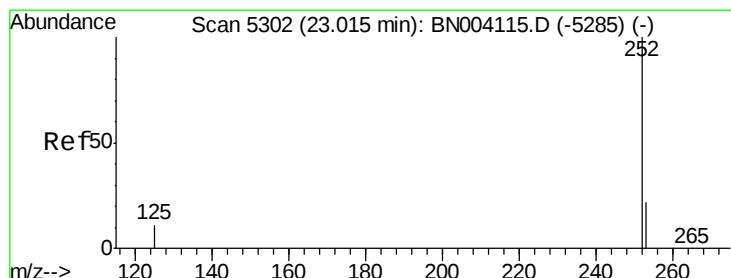
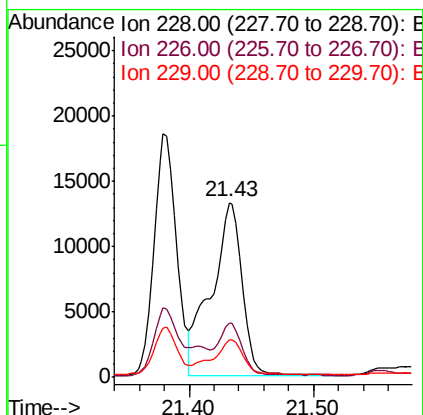
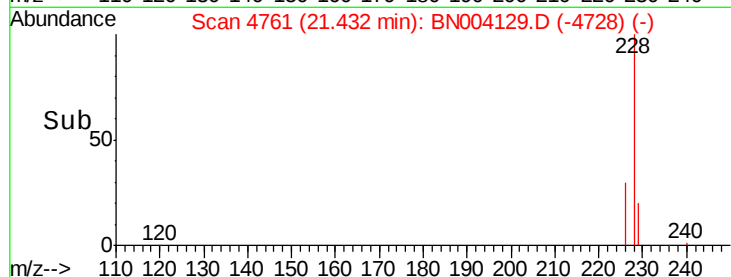
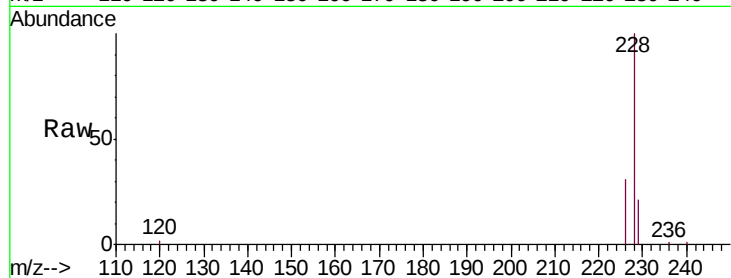
Tgt Ion:228 Resp: 22664

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 21.4 15.7 23.5



#21

Benzo(b)fluoranthene

Concen: 0.994 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

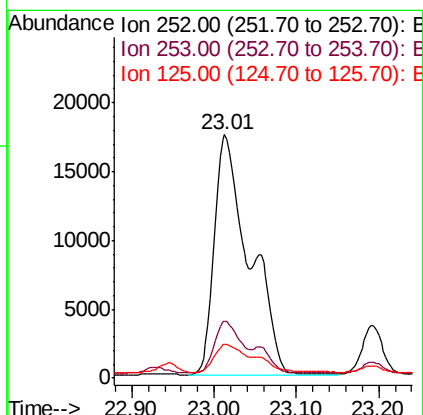
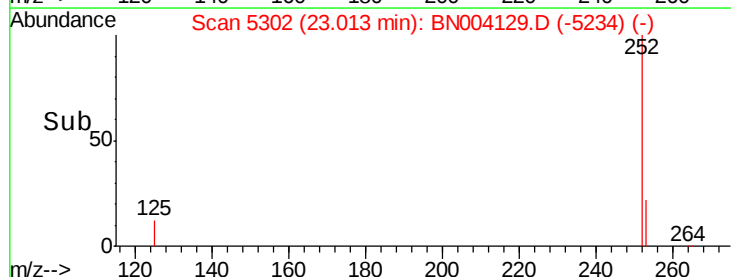
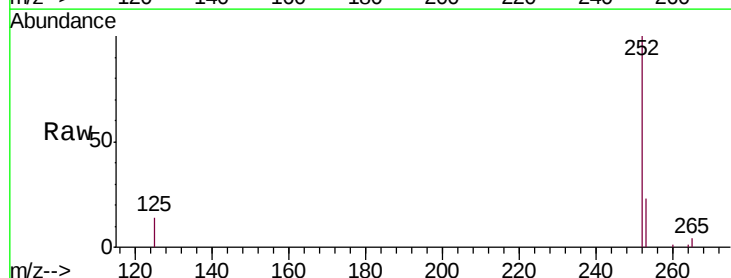
Tgt Ion:252 Resp: 51743

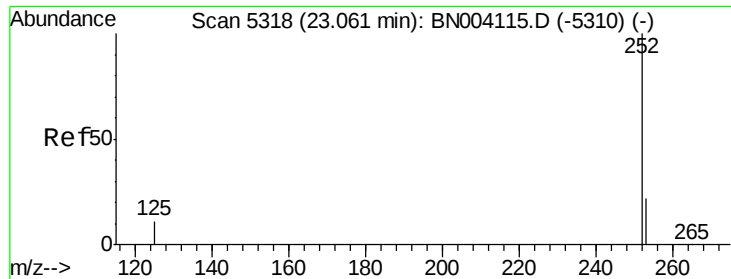
Ion Ratio Lower Upper

252 100

253 23.4 0.0 46.0

125 13.8 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 1.020 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.05 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampleId :

F9F23

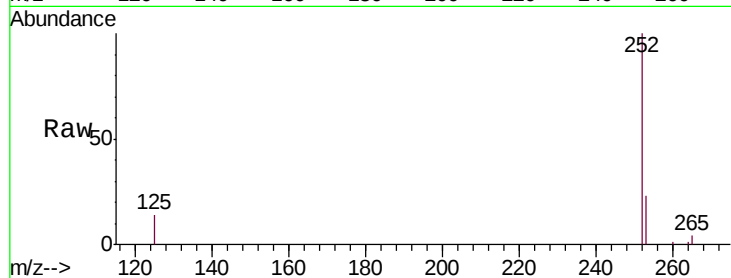
Tgt Ion:252 Resp: 51739

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

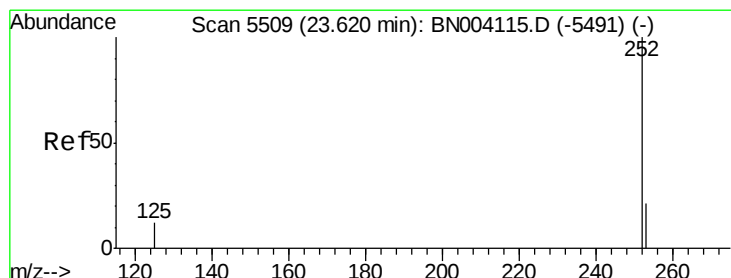
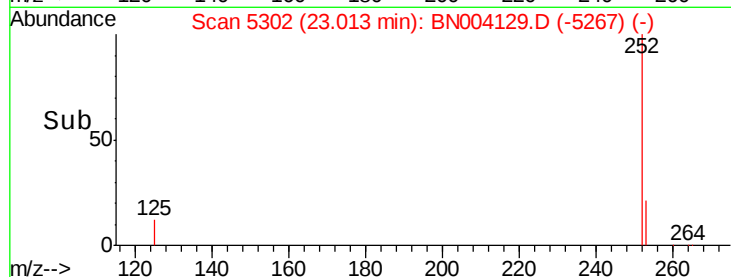
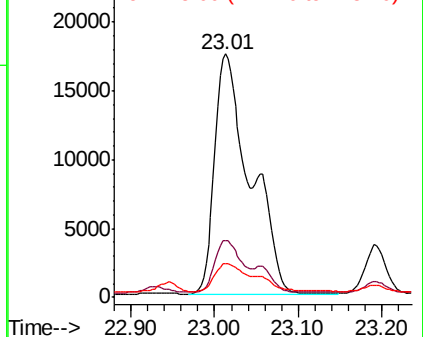
125 13.8 9.0 13.6#



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: 0.378 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. -0.01 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

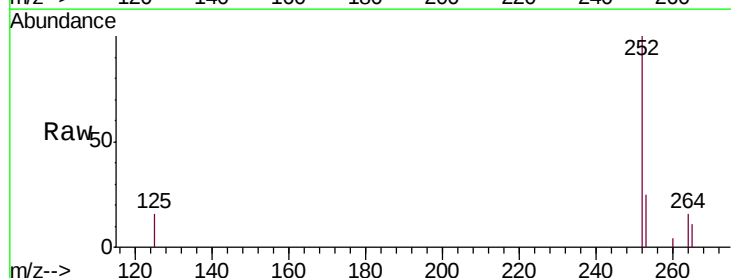
Tgt Ion:252 Resp: 17020

Ion Ratio Lower Upper

252 100

253 25.1 19.0 28.4

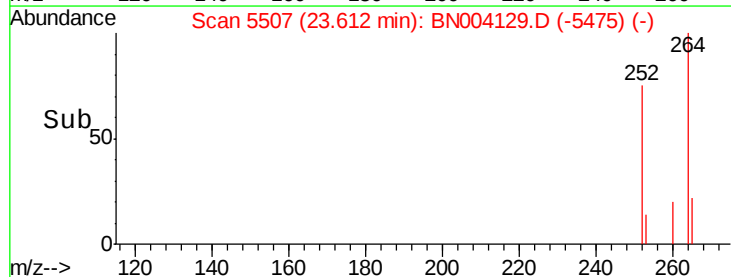
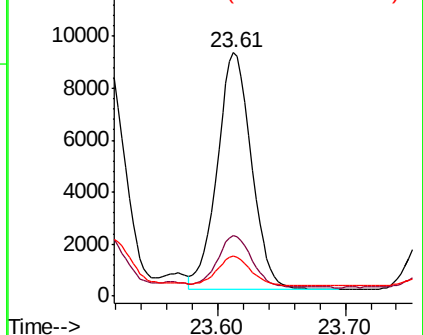
125 16.2 10.2 15.4#

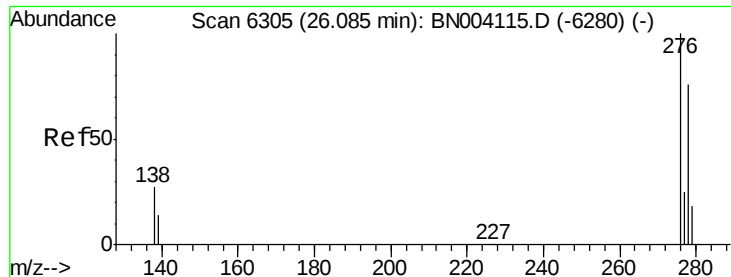


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.288 ng/ul

RT: 26.07 min Scan# 6302

Delta R.T. -0.01 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

BNA_N

ClientSampleId :

F9F23

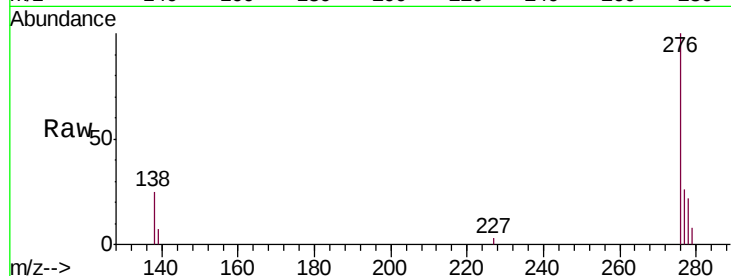
Tgt Ion:276 Resp: 14895

Ion Ratio Lower Upper

276 100

138 22.8 20.3 30.5

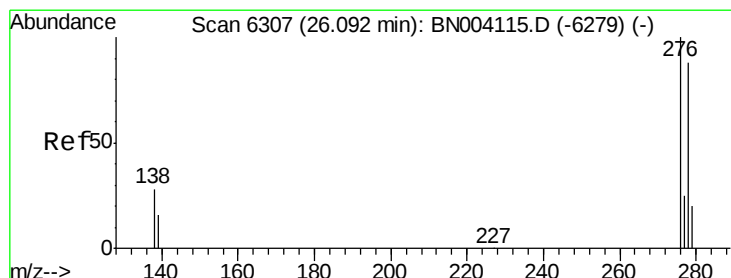
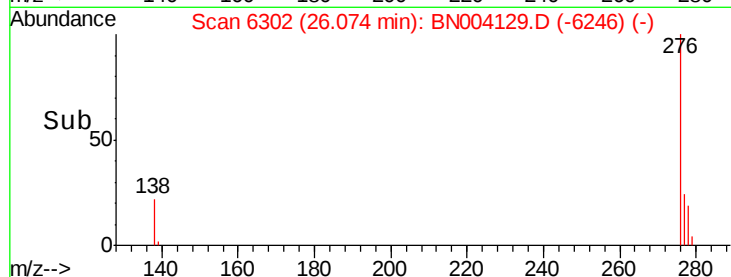
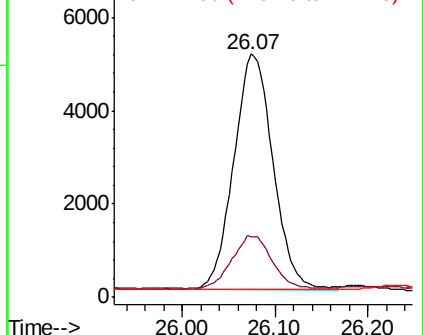
227 0.1 0.2 0.2#



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: 0.099 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

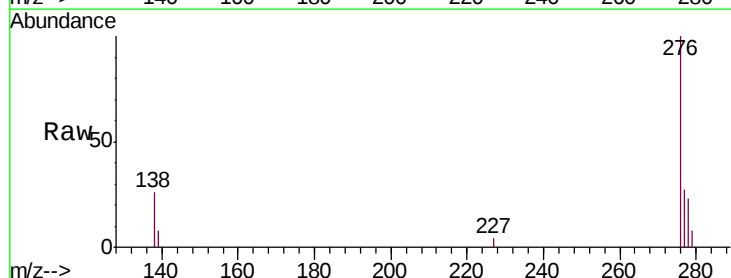
Tgt Ion:278 Resp: 4121

Ion Ratio Lower Upper

278 100

139 34.2 14.2 21.4#

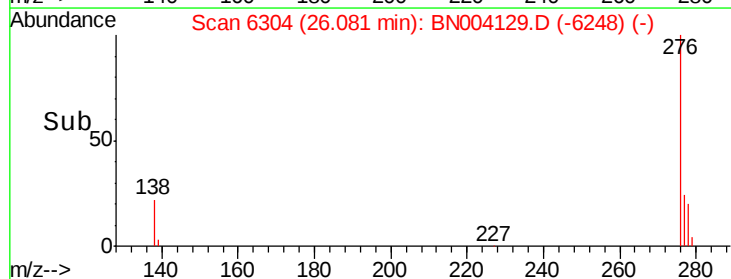
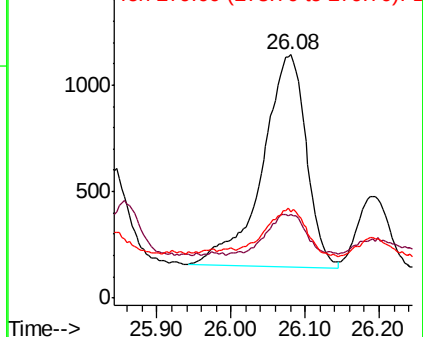
279 35.6 19.8 29.6#

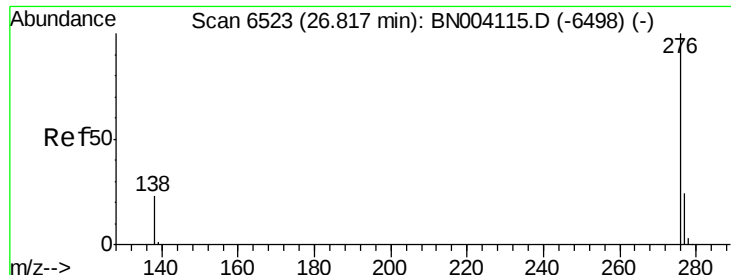


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.253 ng/ul

RT: 26.81 min Scan# 6520

Delta R.T. -0.01 min

Lab File: BN004129.D

Acq: 20 Dec 2018 00:20

Instrument :

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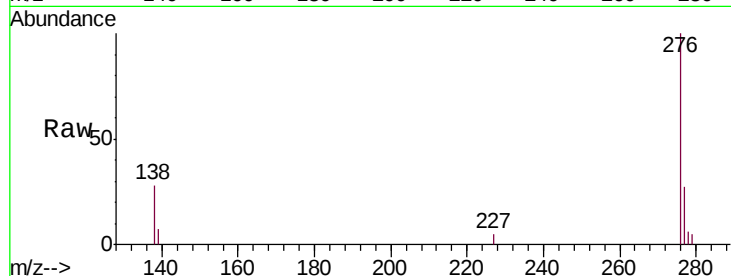
Tgt Ion:276 Resp: 11382

Ion Ratio Lower Upper

276 100

138 27.7 17.7 26.5#

277 27.3 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

