

Data File : BN003792.D
Acq On : 10 Dec 2018 23:34
Operator : JU/SJ
Sample : J6077-12DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y01DL

Quant Time: Dec 11 04:26:45 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 11 04:22:54 2018
Response via : Initial Calibration

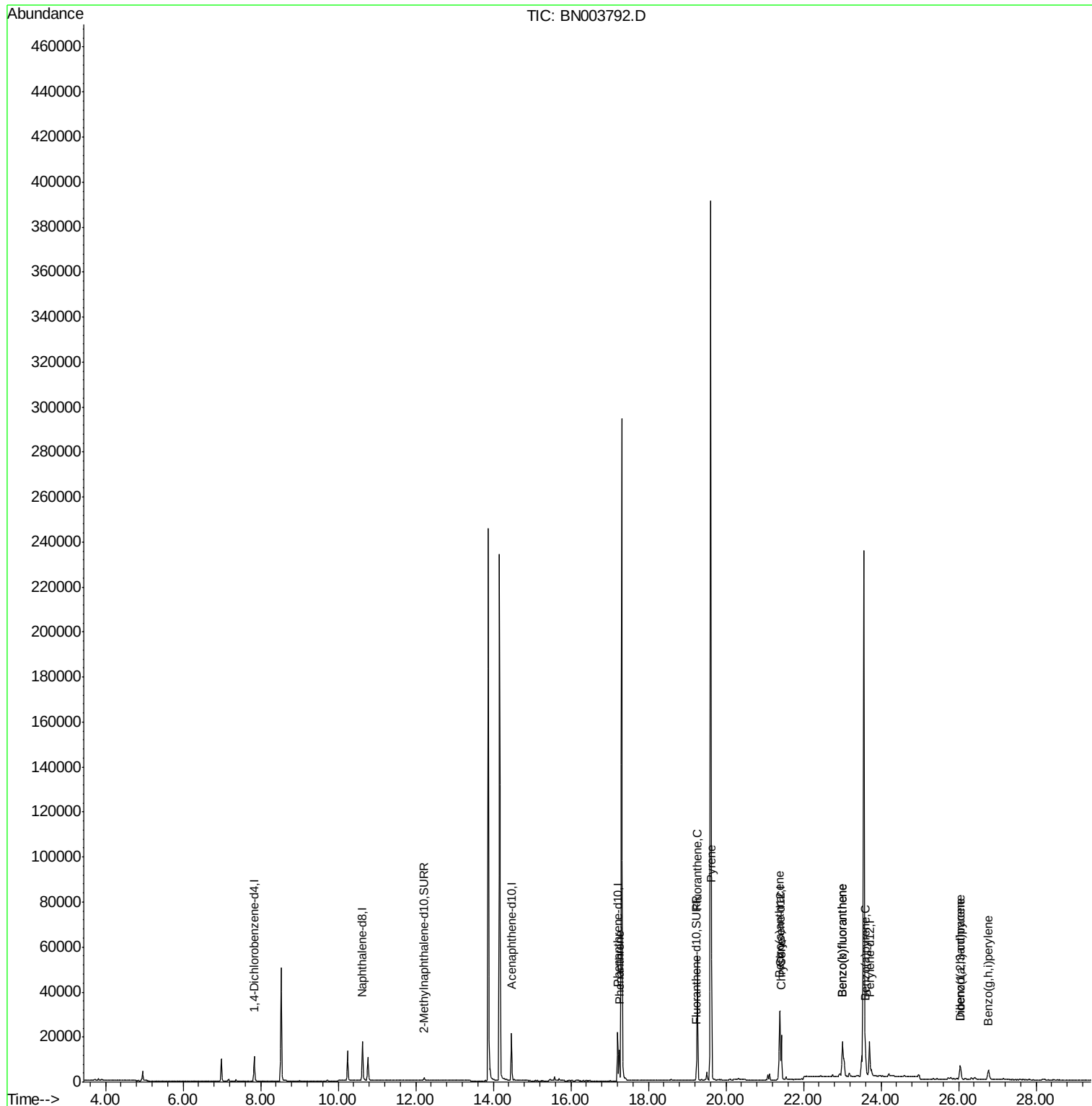
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	5621	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22889	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11620	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	25218	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	22968	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	21334	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2011	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	4467	0.06	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.25	178	14601	0.176	ng/ul	99
15) Fluoranthene	19.27	202	46465	0.475	ng/ul	98
17) Pyrene	19.63	202	40854	0.496	ng/ul	98
18) Benzo(a)anthracene	21.38	228	14044	0.194	ng/ul	96
19) Chrysene	21.43	228	20539	0.247	ng/ul	96
21) Benzo(b)fluoranthene	23.00	252	35496	0.402	ng/ul	92
22) Benzo(k)fluoranthene	23.00	252	35496	0.413	ng/ul#	92
23) Benzo(a)pyrene	23.60	252	12494	0.163	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.04	276	10464	0.119	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.05	278	2235	0.032	ng/ul#	42
26) Benzo(g,h,i)perylene	26.77	276	9293	0.122	ng/ul#	92

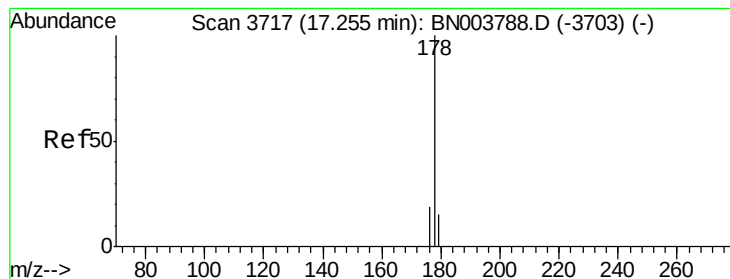
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.176 ng/ul

RT: 17.25 min Scan# 3716

Delta R.T. -0.00 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_N

ClientSampleId :

F9Y01DL

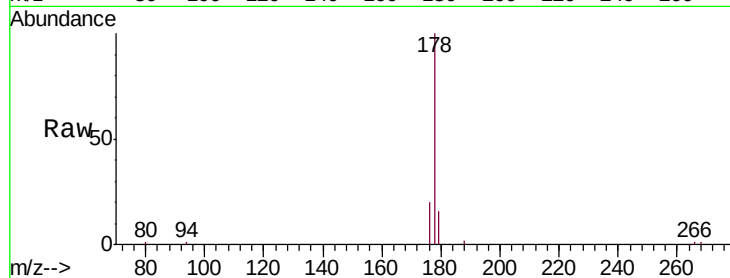
Tgt Ion:178 Resp: 14601

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

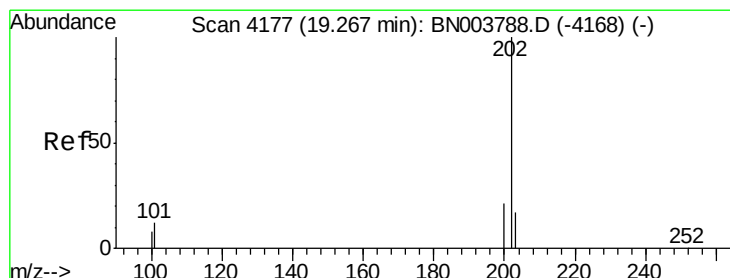
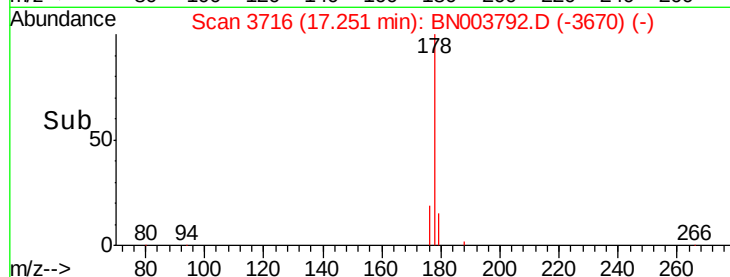
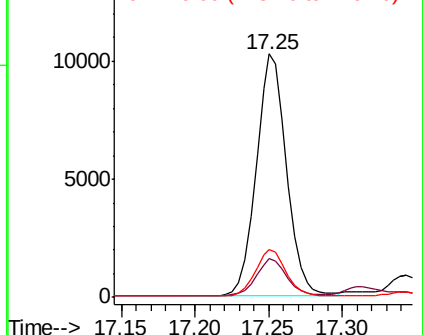
176 19.8 15.0 22.4



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



#15

Fluoranthene

Concen: 0.475 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

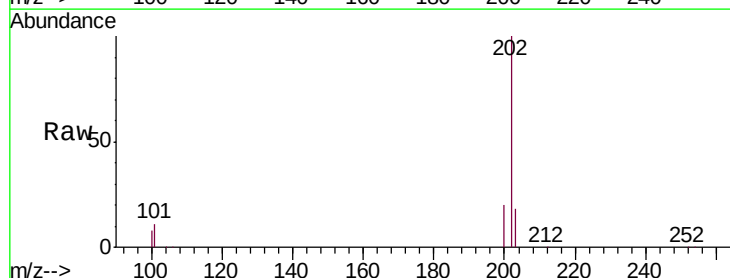
Tgt Ion:202 Resp: 46465

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

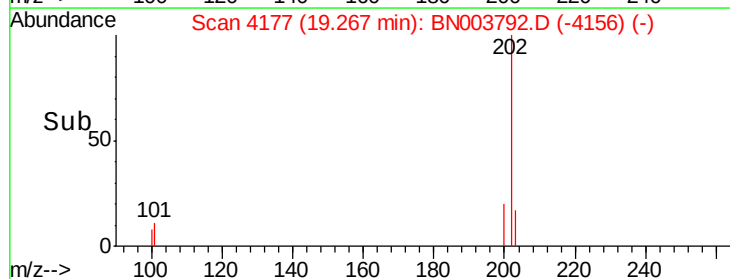
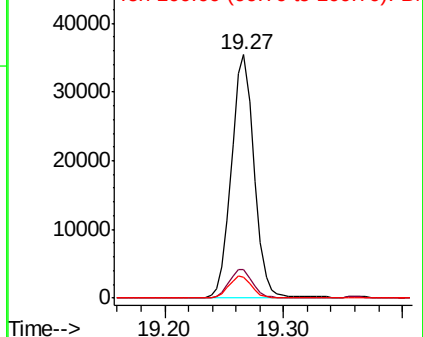
100 8.5 0.0 28.1

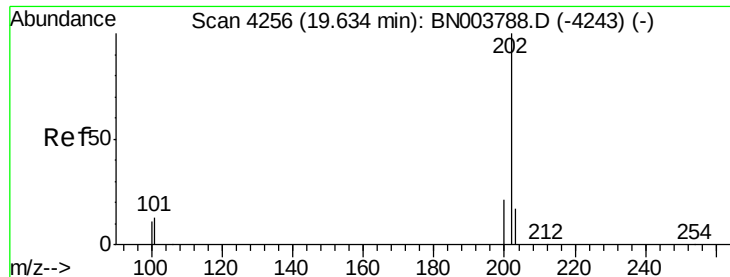


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

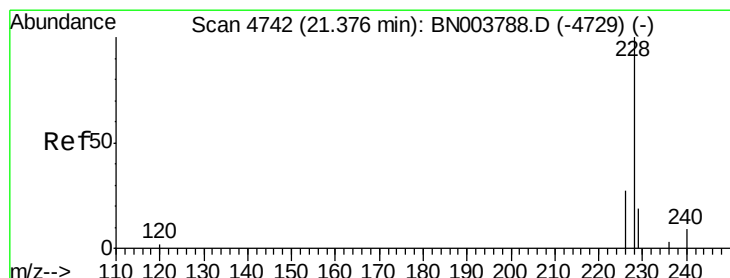
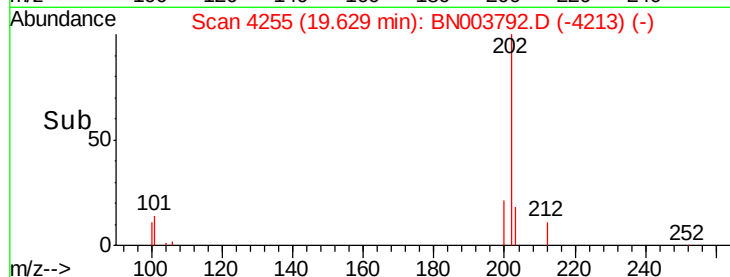
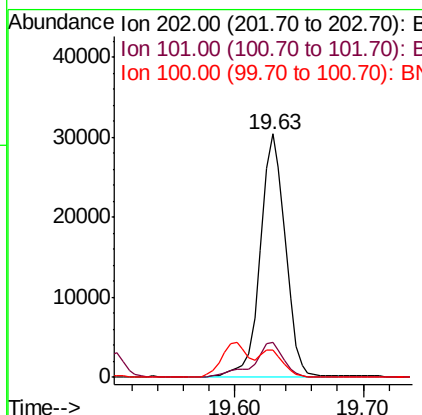
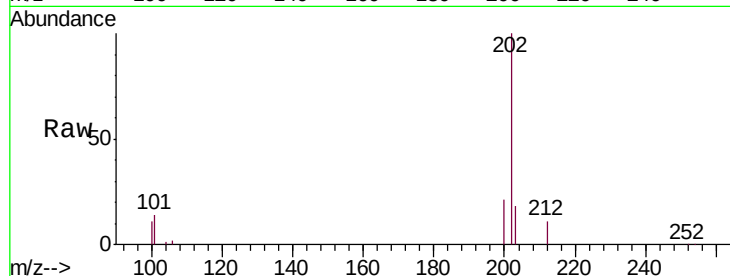




#17
 Pyrene
 Concen: 0.496 ng/ul
 RT: 19.63 min Scan# 4255
 Delta R.T. -0.00 min
 Lab File: BN003792.D
 Acq: 10 Dec 2018 23:34

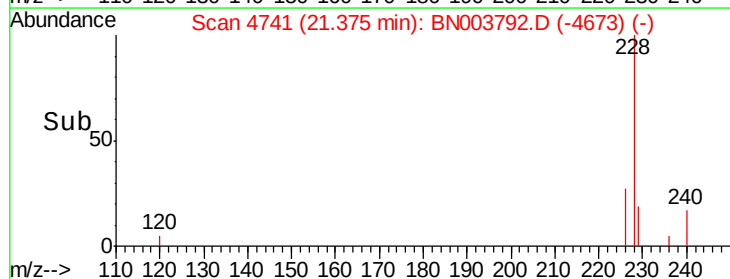
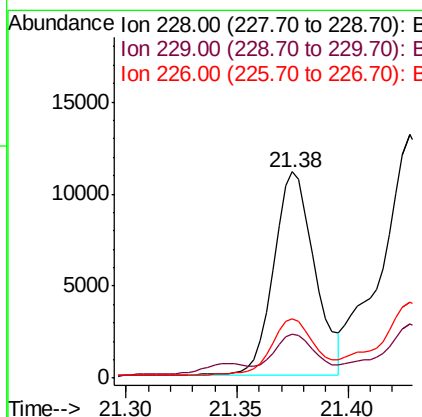
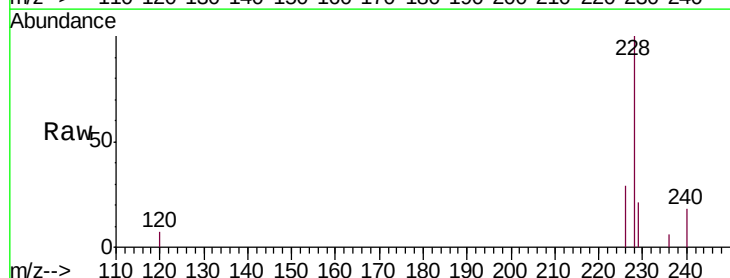
Instrument :
 BNA_N
 ClientSampleId :
 F9Y01DL

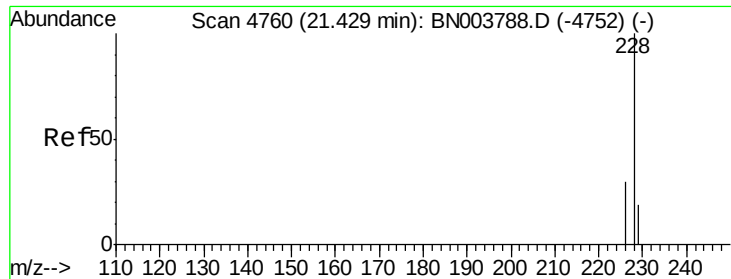
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.3	15.5
100	11.2	8.5	12.7



#18
 Benzo(a)anthracene
 Concen: 0.194 ng/ul
 RT: 21.38 min Scan# 4741
 Delta R.T. -0.00 min
 Lab File: BN003792.D
 Acq: 10 Dec 2018 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	28.7	21.1	31.7





#19

Chrysene

Concen: 0.247 ng/ul

RT: 21.43 min Scan# 4759

Delta R.T. -0.00 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_N

ClientSampleId :

F9Y01DL

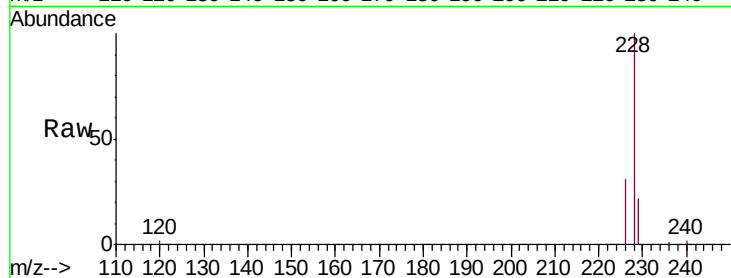
Tgt Ion:228 Resp: 20539

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

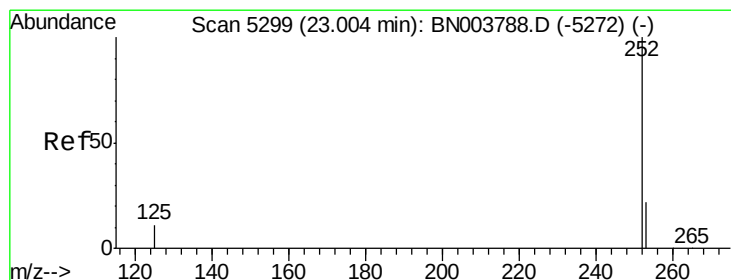
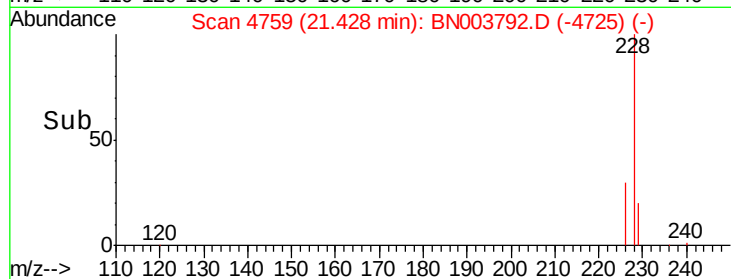
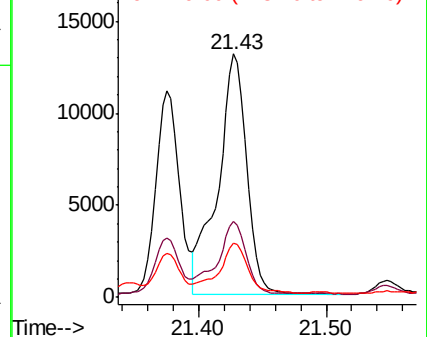
229 22.0 15.7 23.5



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: 0.402 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

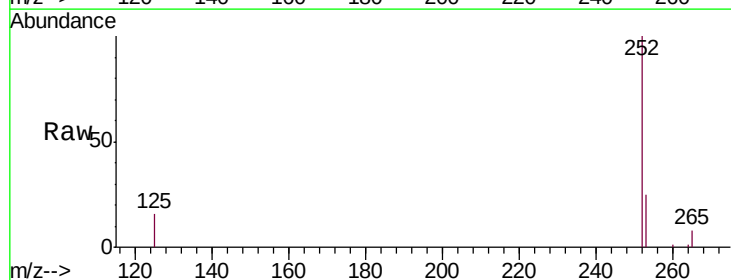
Tgt Ion:252 Resp: 35496

Ion Ratio Lower Upper

252 100

253 25.5 0.0 46.0

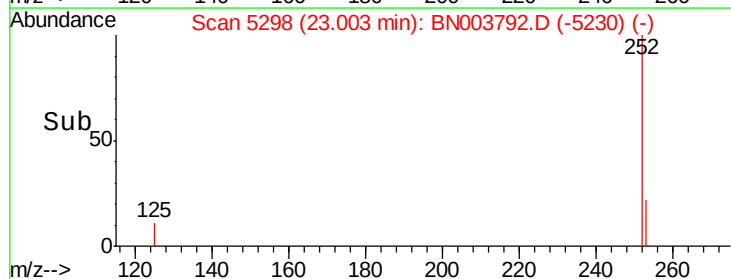
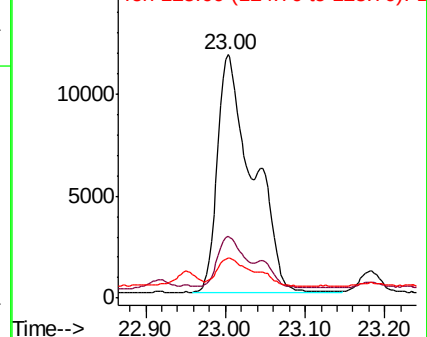
125 16.2 0.0 22.4

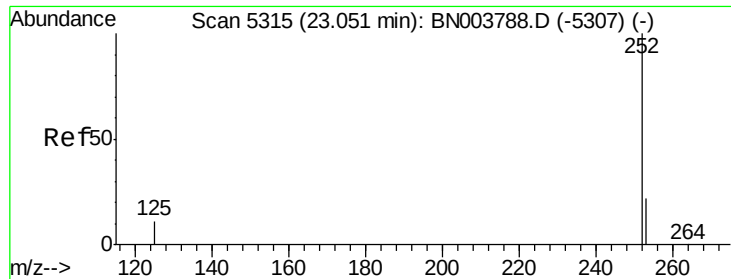


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.413 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.05 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_N

ClientSampleId :

F9Y01DL

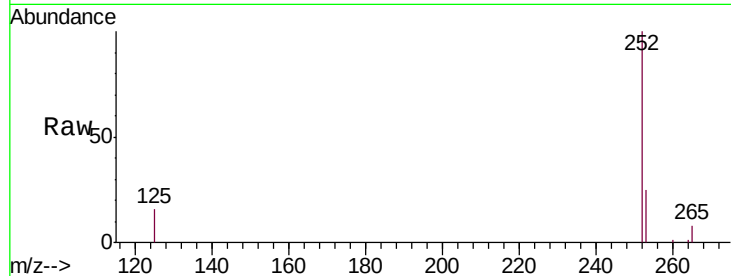
Tgt Ion:252 Resp: 35496

Ion Ratio Lower Upper

252 100

253 25.5 18.5 27.7

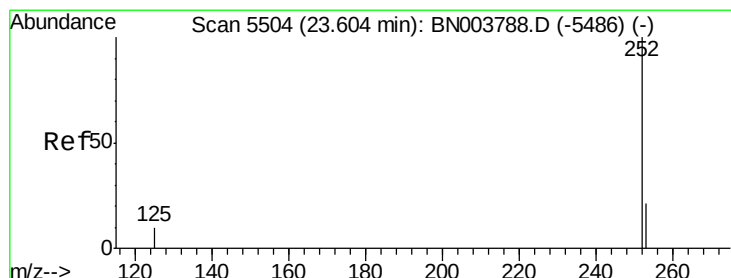
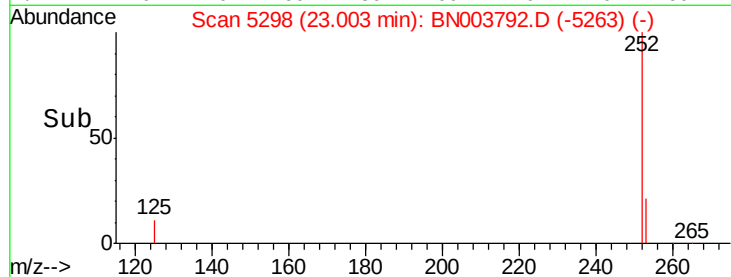
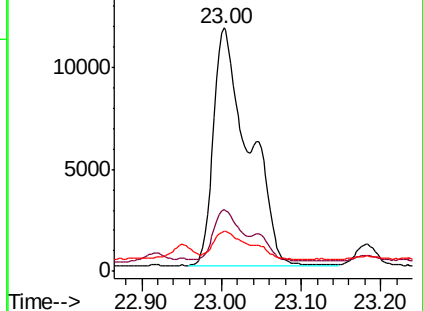
125 16.2 9.0 13.6#



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: 0.163 ng/ul

RT: 23.60 min Scan# 5502

Delta R.T. -0.00 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

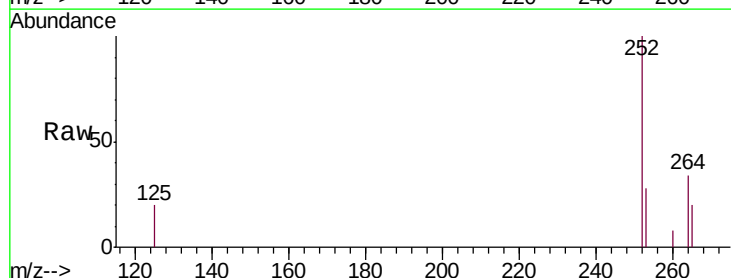
Tgt Ion:252 Resp: 12494

Ion Ratio Lower Upper

252 100

253 28.3 19.0 28.4

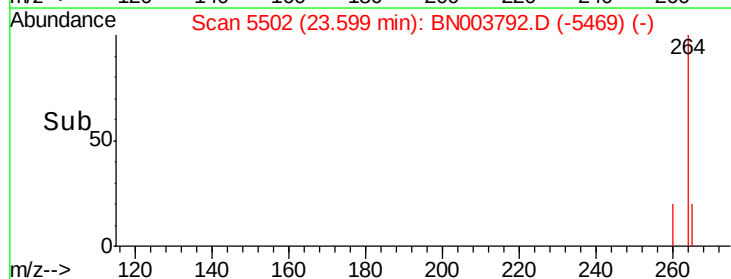
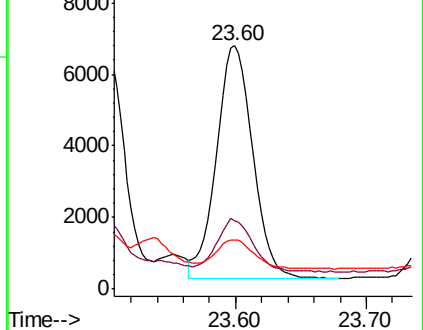
125 20.3 10.2 15.4#

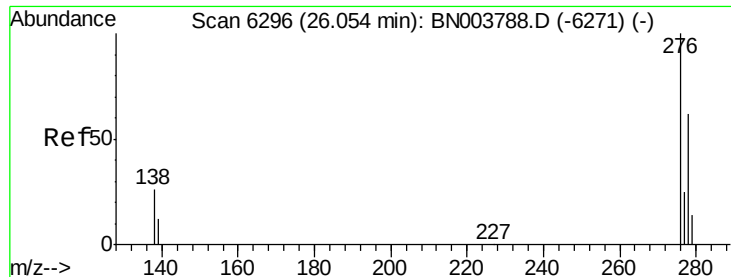


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



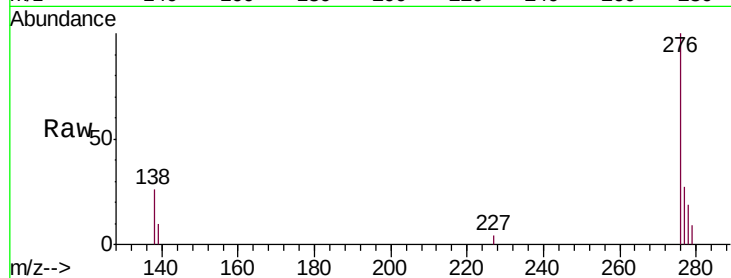


#24

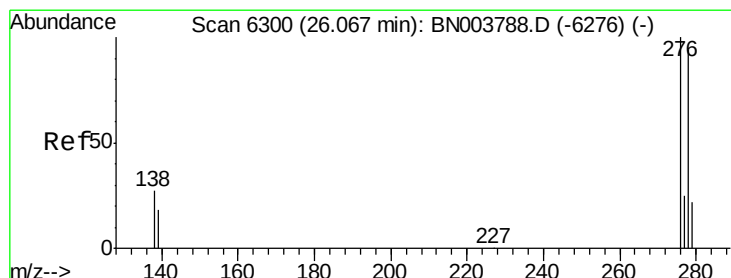
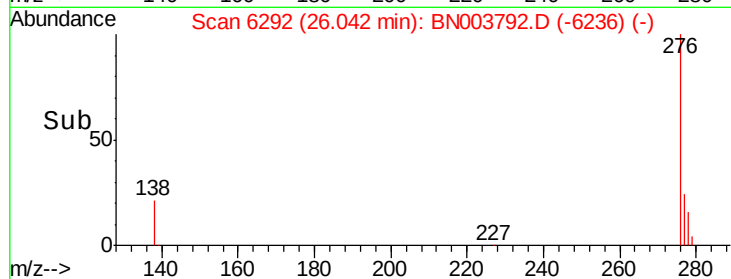
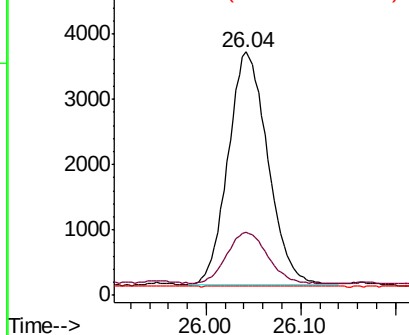
Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 26.04 min Scan# 6292
Delta R.T. -0.01 min
Lab File: BN003792.D
Acq: 10 Dec 2018 23:34

Instrument :
BNA_N
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F9Y01DL

Tgt Ion: 276 Resp: 10464
Ion Ratio Lower Upper
276 100
138 22.4 20.3 30.5
227 0.3 0.2 0.2#



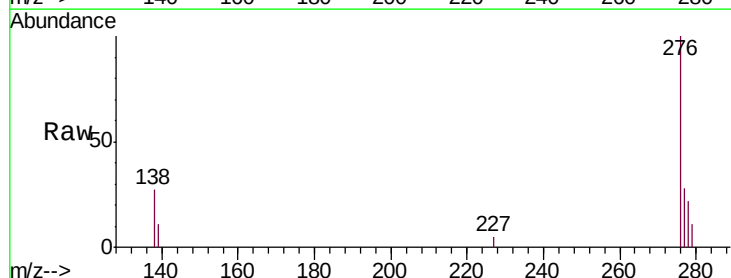
Abundance Ion 276.00 (275.70 to 276.70): E
5000 Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



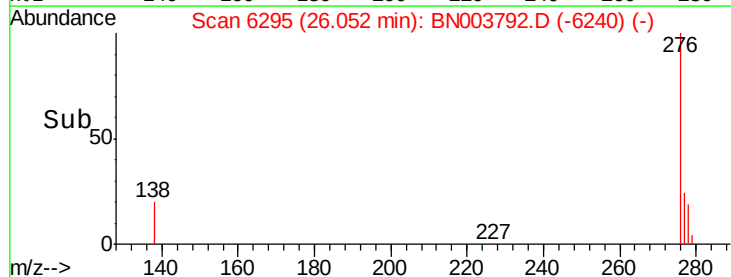
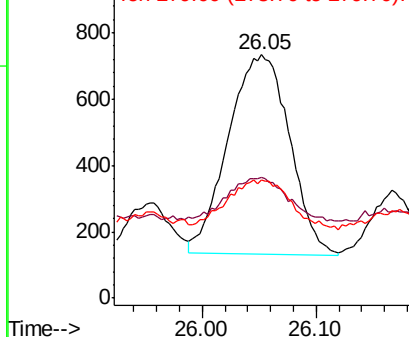
#25

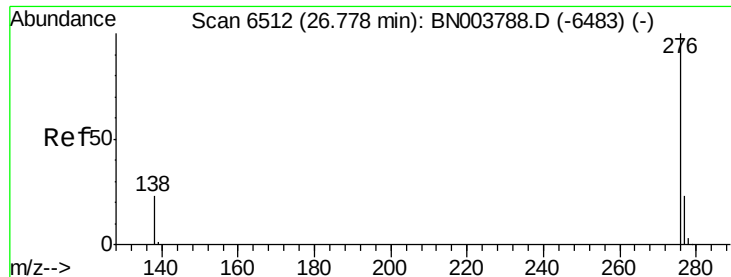
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.05 min Scan# 6295
Delta R.T. -0.02 min
Lab File: BN003792.D
Acq: 10 Dec 2018 23:34

Tgt Ion: 278 Resp: 2235
Ion Ratio Lower Upper
278 100
139 49.6 14.2 21.4#
279 48.6 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E
1000 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: 0.122 ng/ul

RT: 26.77 min Scan# 6509

Delta R.T. -0.01 min

Lab File: BN003792.D

Acq: 10 Dec 2018 23:34

Instrument :

BNA_N

ClientSampleId :

F9Y01DL

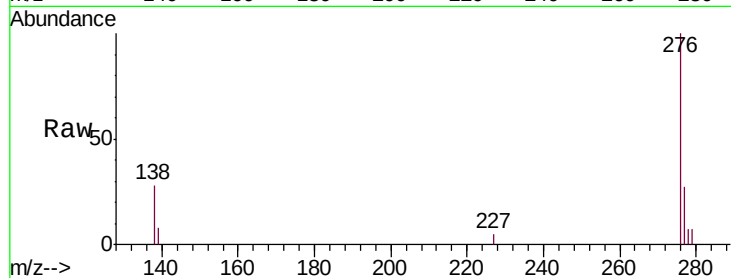
Tgt Ion: 276 Resp: 9293

Ion Ratio Lower Upper

276 100

138 27.6 17.7 26.5#

277 26.9 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

