

Data File : BN003789.D
Acq On : 10 Dec 2018 21:49
Operator : JU/SJ
Sample : J6077-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y00

Quant Time: Dec 11 04:26:20 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

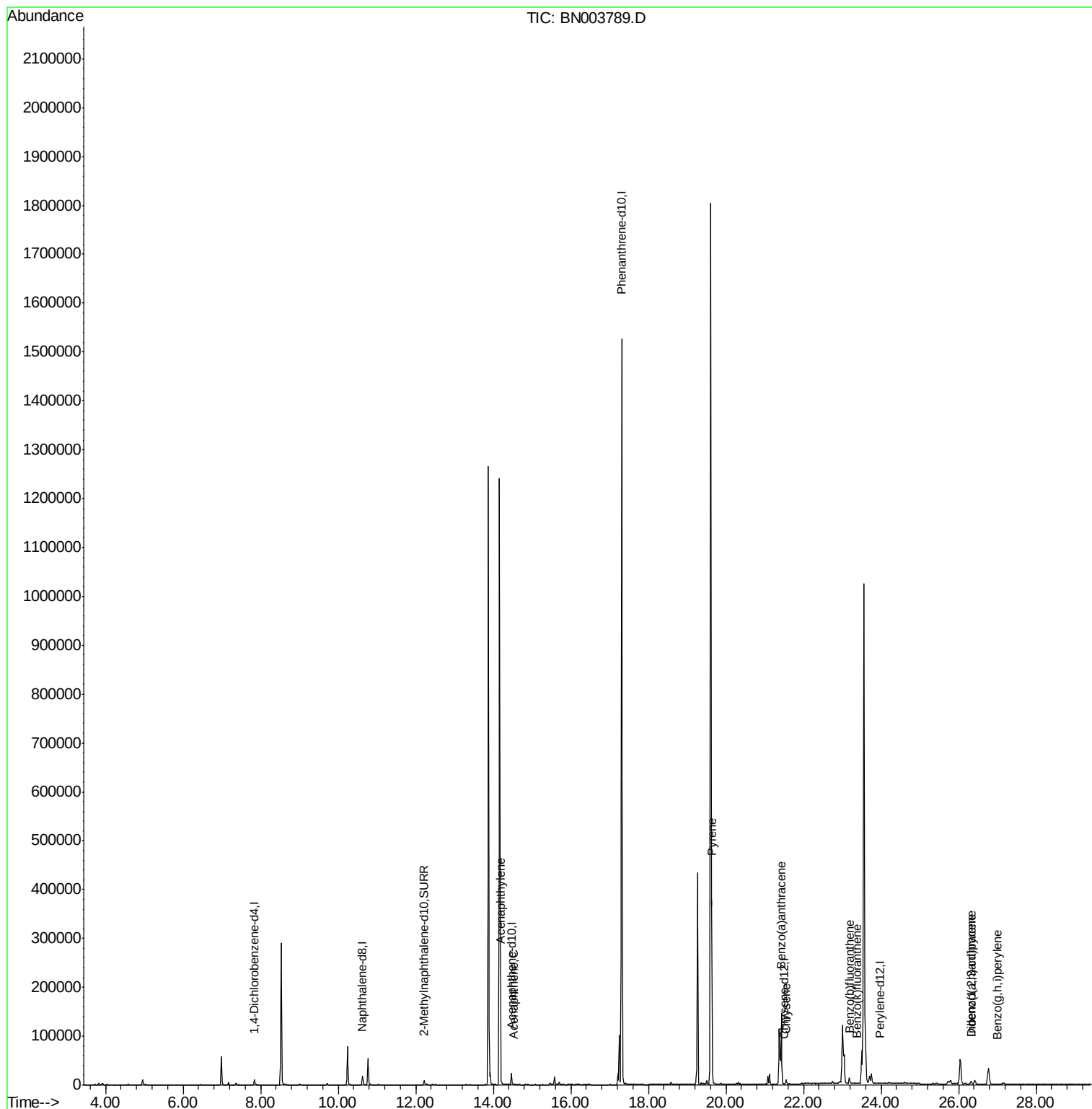
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6006	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23845	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1684579	0.40	ng/ul	0.10
16) Chrysene-d12	21.49	240	16	0.40	ng/ul	0.10
20) Perylene-d12	23.96	264	338	0.40	ng/ul	0.26
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10824	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	14.19	152	1189	0.021	ng/ul#	80
8) Acenaphthene	14.53	153	1170	0.023	ng/ul	97
17) Pyrene	19.63	202	288595	5029.051	ng/ul	99
18) Benzo(a)anthracene	21.43	228	153028	3028.129	ng/ul	94
19) Chrysene	21.55	228	8118	140.371	ng/ul#	56
21) Benzo(b)fluoranthene	23.18	252	13945	9.974	ng/ul	78
22) Benzo(k)fluoranthene	23.38	252	575	0.422	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.32	276	2156	1.553	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.32	278	8630	7.723	ng/ul#	85
26) Benzo(g,h,i)perylene	27.00	276	1022	0.847	ng/ul#	31

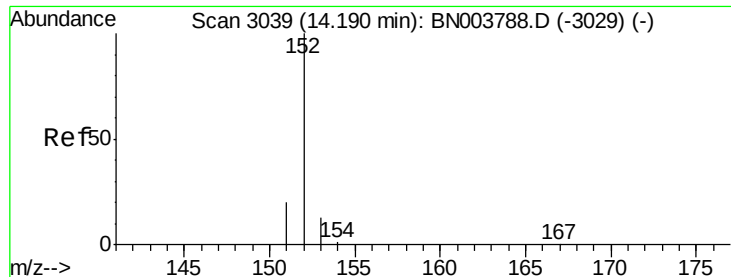
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9Y00

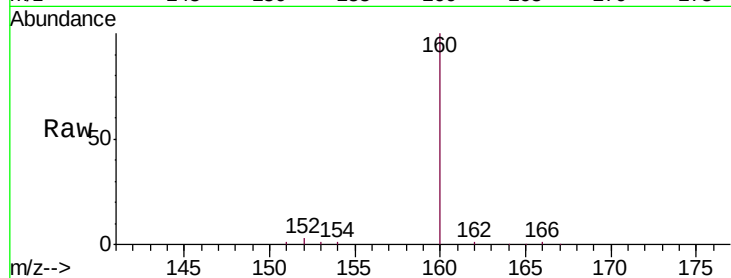
Tgt Ion:152 Resp: 1189

Ion Ratio Lower Upper

152 100

151 27.8 15.9 23.9#

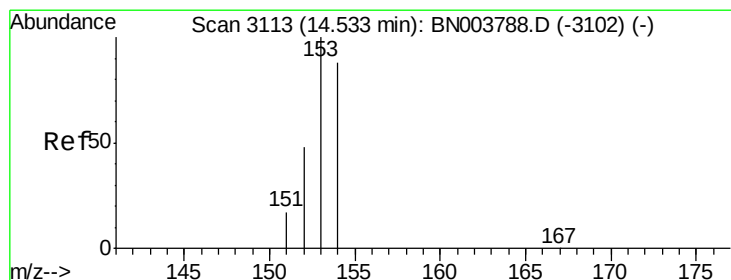
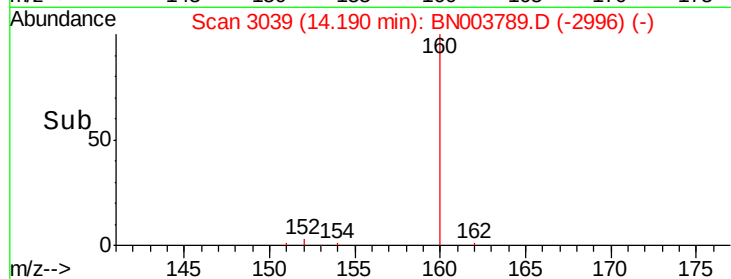
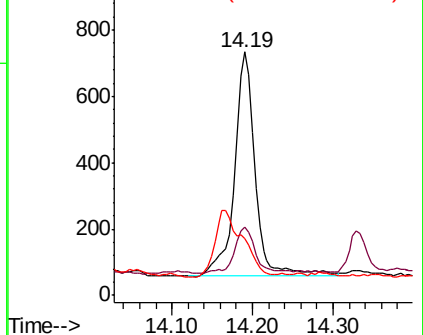
153 23.2 10.7 16.1#



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



#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

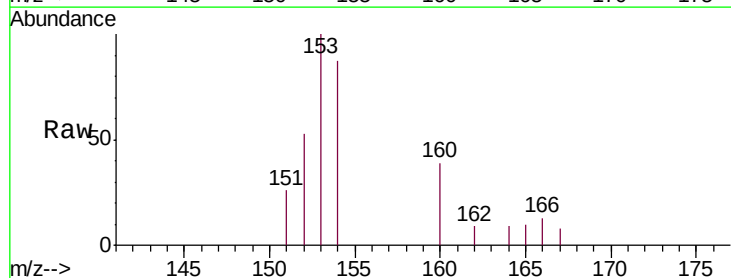
Tgt Ion:153 Resp: 1170

Ion Ratio Lower Upper

153 100

152 53.5 39.3 58.9

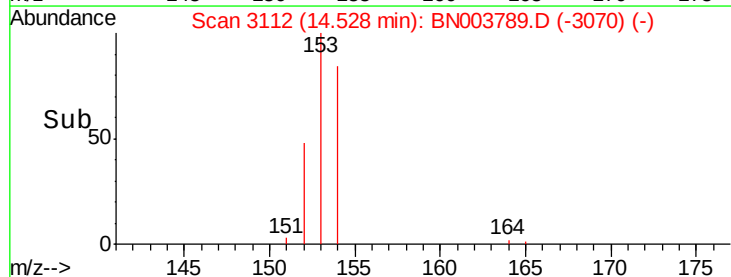
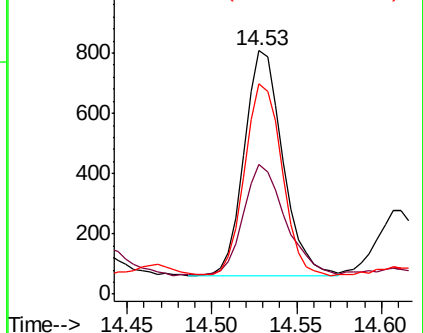
154 86.6 70.3 105.5

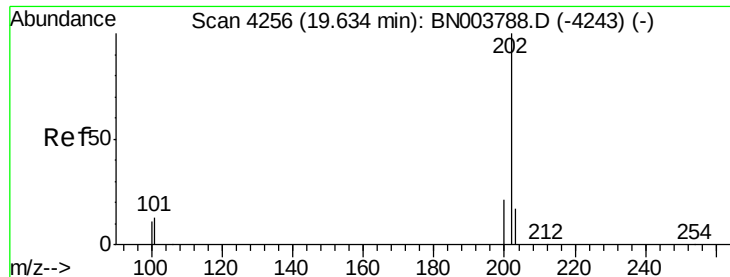


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

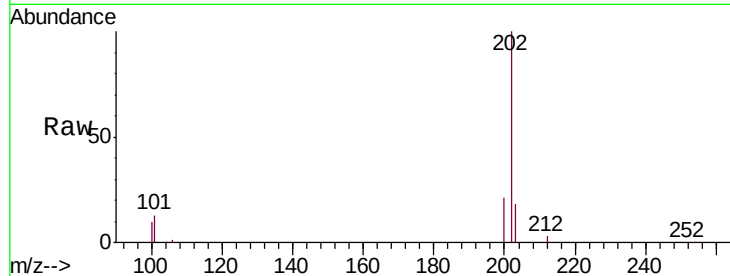




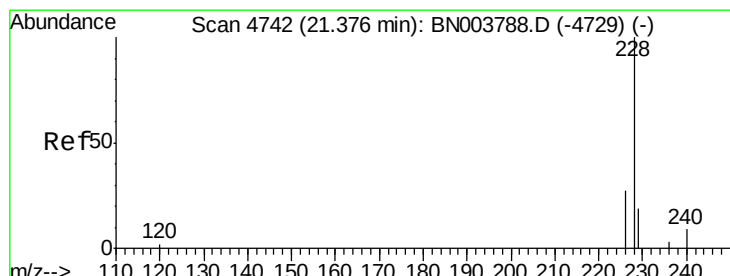
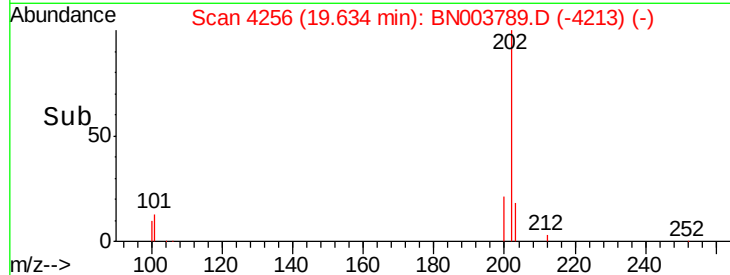
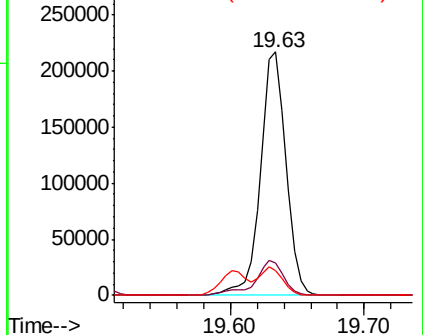
#17
 Pyrene
 Concen: 5029.051 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003789.D
 Acq: 10 Dec 2018 21:49

Instrument :
 BNA_N
 ClientSampleId :
 F9Y00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	10.3	8.5	12.7

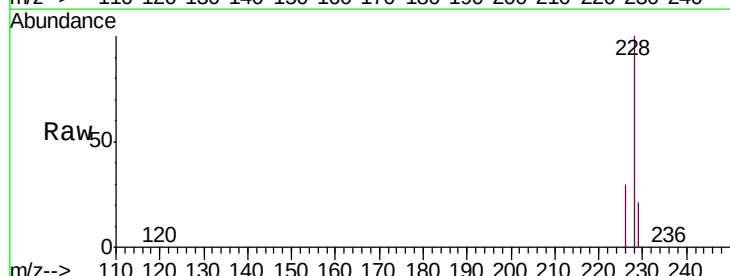


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

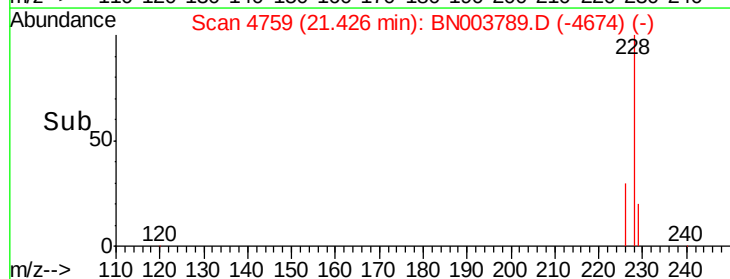
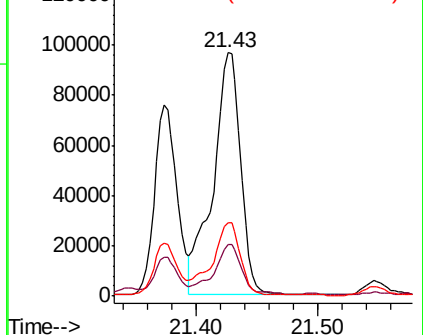


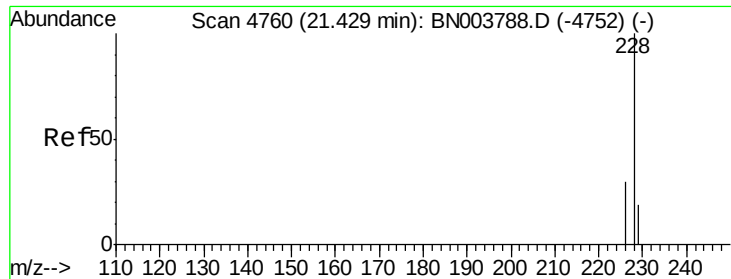
#18
 Benzo(a)anthracene
 Concen: 3028.129 ng/ul
 RT: 21.43 min Scan# 4759
 Delta R.T. 0.05 min
 Lab File: BN003789.D
 Acq: 10 Dec 2018 21:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	30.3	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: 140.371 ng/ul

RT: 21.55 min Scan# 4800

Delta R.T. 0.12 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

Instrument :

BNA_N

ClientSampleId :

F9Y00

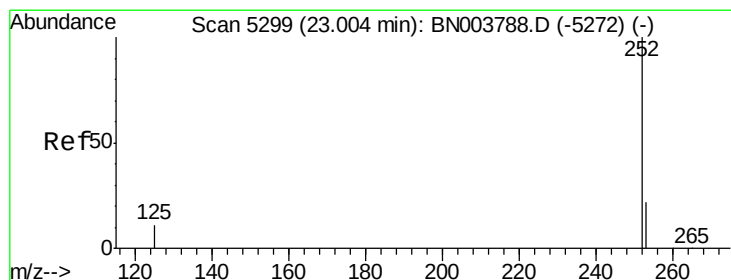
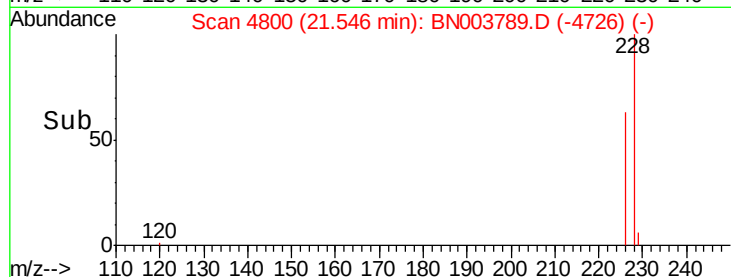
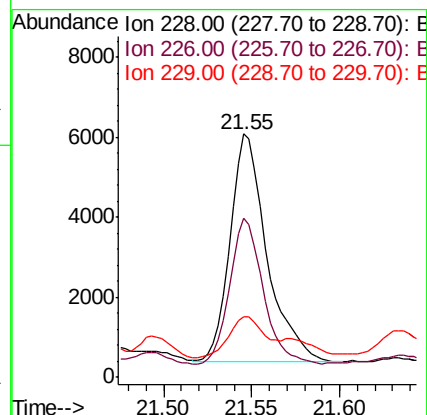
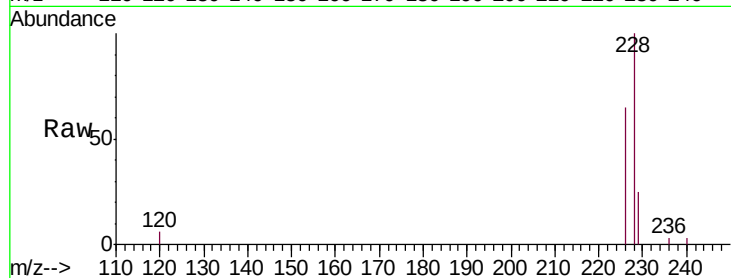
Tgt Ion:228 Resp: 8118

Ion Ratio Lower Upper

228 100

226 65.2 24.0 36.0#

229 25.1 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 9.974 ng/ul

RT: 23.18 min Scan# 5359

Delta R.T. 0.18 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

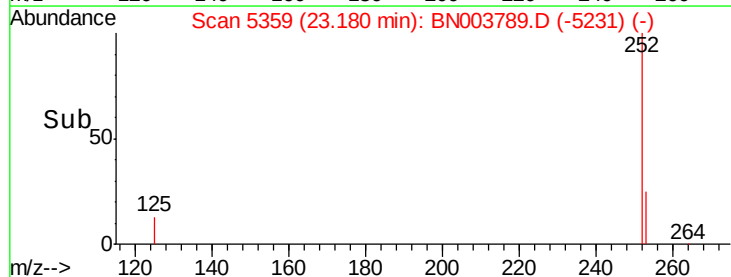
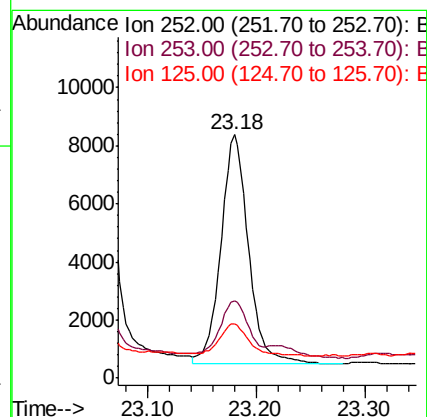
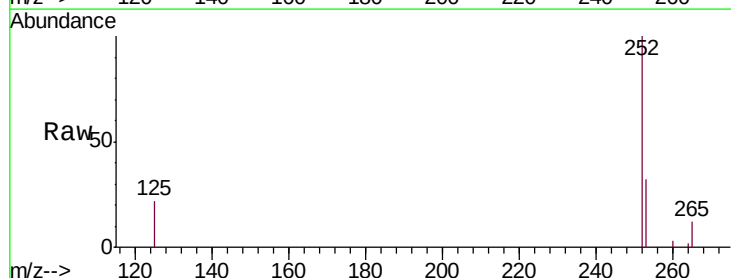
Tgt Ion:252 Resp: 13945

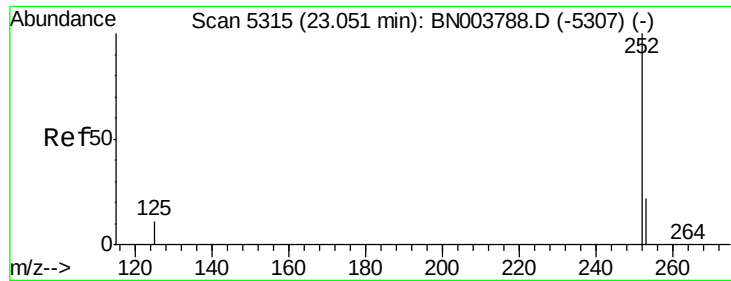
Ion Ratio Lower Upper

252 100

253 31.9 0.0 46.0

125 22.3 0.0 22.4





#22

Benzo(k)fluoranthene

Concen: 0.422 ng/ul

RT: 23.38 min Scan# 5427

Delta R.T. 0.33 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

Instrument :

BNA_N

ClientSampleId :

F9Y00

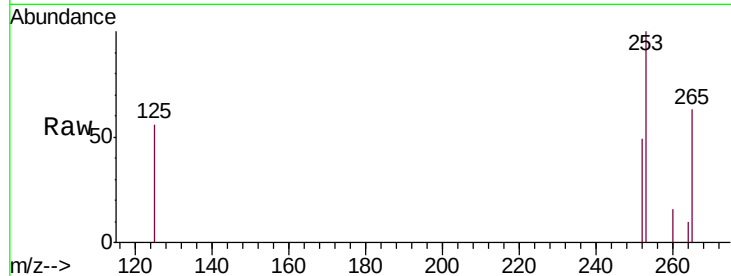
Tgt Ion:252 Resp: 575

Ion Ratio Lower Upper

252 100

253 203.2 18.5 27.7#

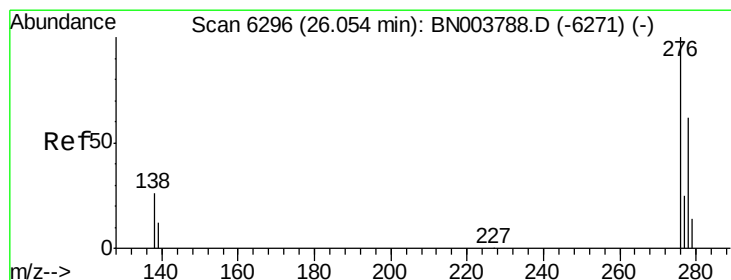
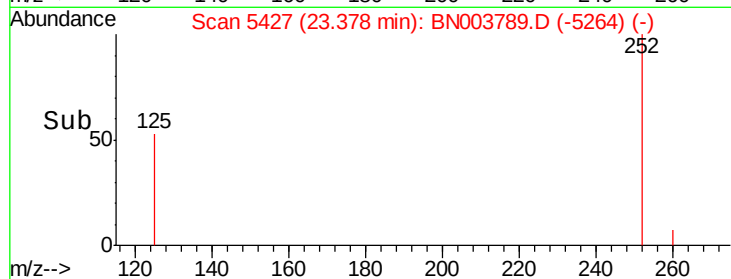
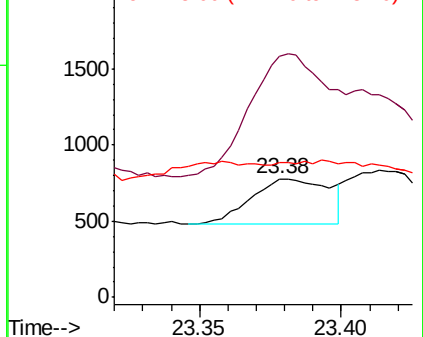
125 113.5 9.0 13.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.553 ng/ul

RT: 26.32 min Scan# 6375

Delta R.T. 0.26 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

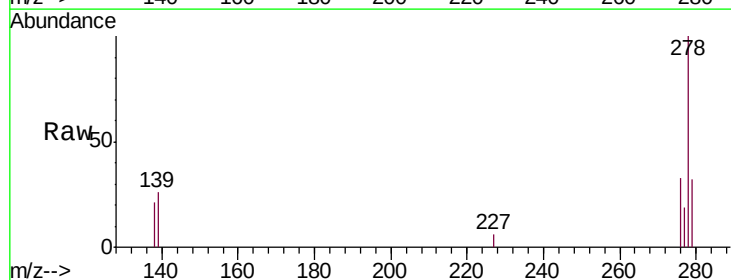
Tgt Ion:276 Resp: 2156

Ion Ratio Lower Upper

276 100

138 52.4 20.3 30.5#

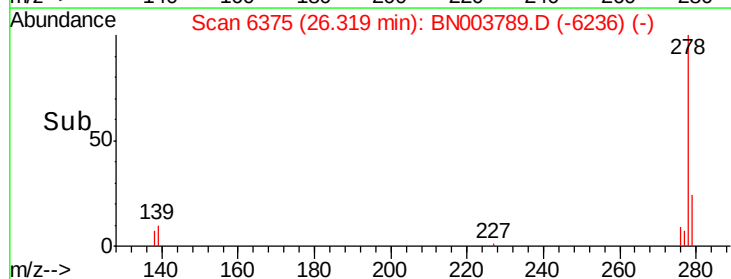
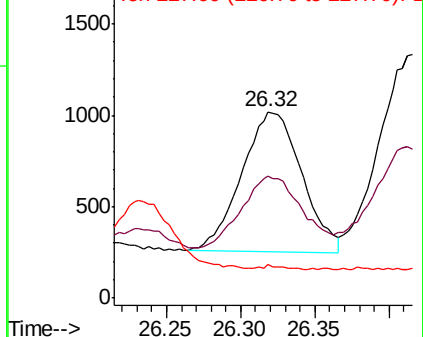
227 0.0 0.2 0.2#

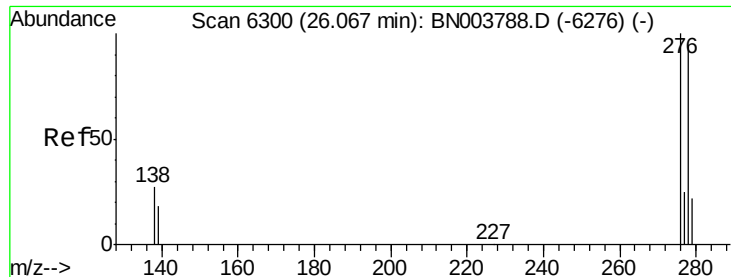


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 7.723 ng/ul

RT: 26.32 min Scan# 6376

Delta R.T. 0.25 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

Instrument :

BNA_N

ClientSampleId :

F9Y00

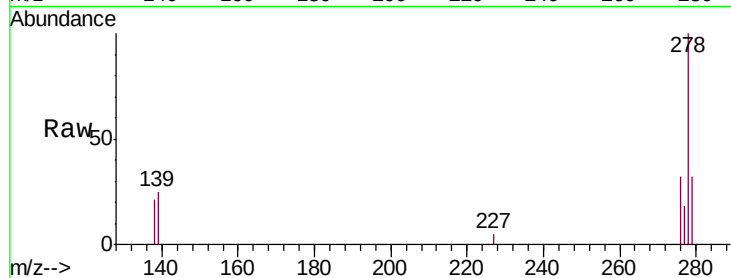
Tgt Ion:278 Resp: 8630

Ion Ratio Lower Upper

278 100

139 25.0 14.2 21.4#

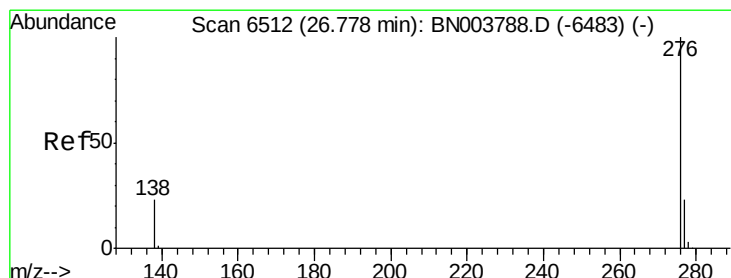
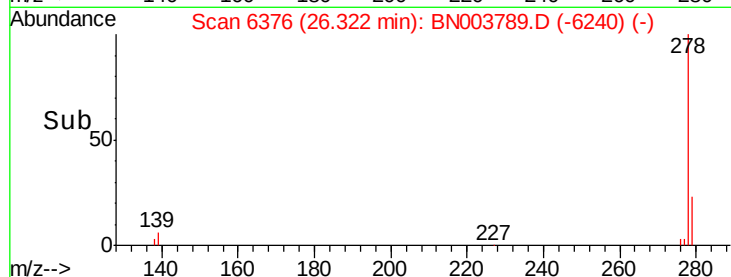
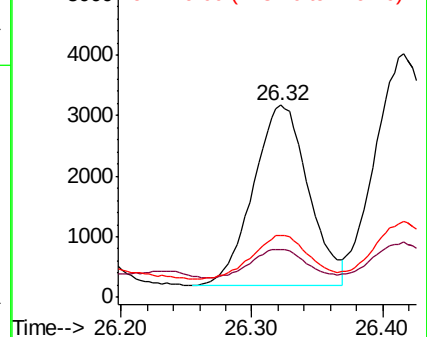
279 31.9 19.8 29.6#



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: 0.847 ng/ul

RT: 27.00 min Scan# 6579

Delta R.T. 0.22 min

Lab File: BN003789.D

Acq: 10 Dec 2018 21:49

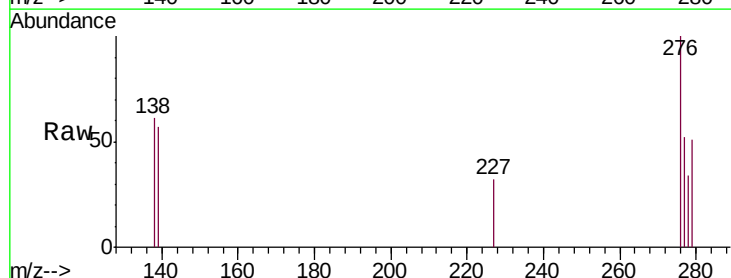
Tgt Ion:276 Resp: 1022

Ion Ratio Lower Upper

276 100

138 61.2 17.7 26.5#

277 51.9 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

