

Data File : BM022086.D
Acq On : 14 Aug 2019 01:32
Operator : HP/JU
Sample : K4183-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF0

Quant Time: Aug 14 08:19:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

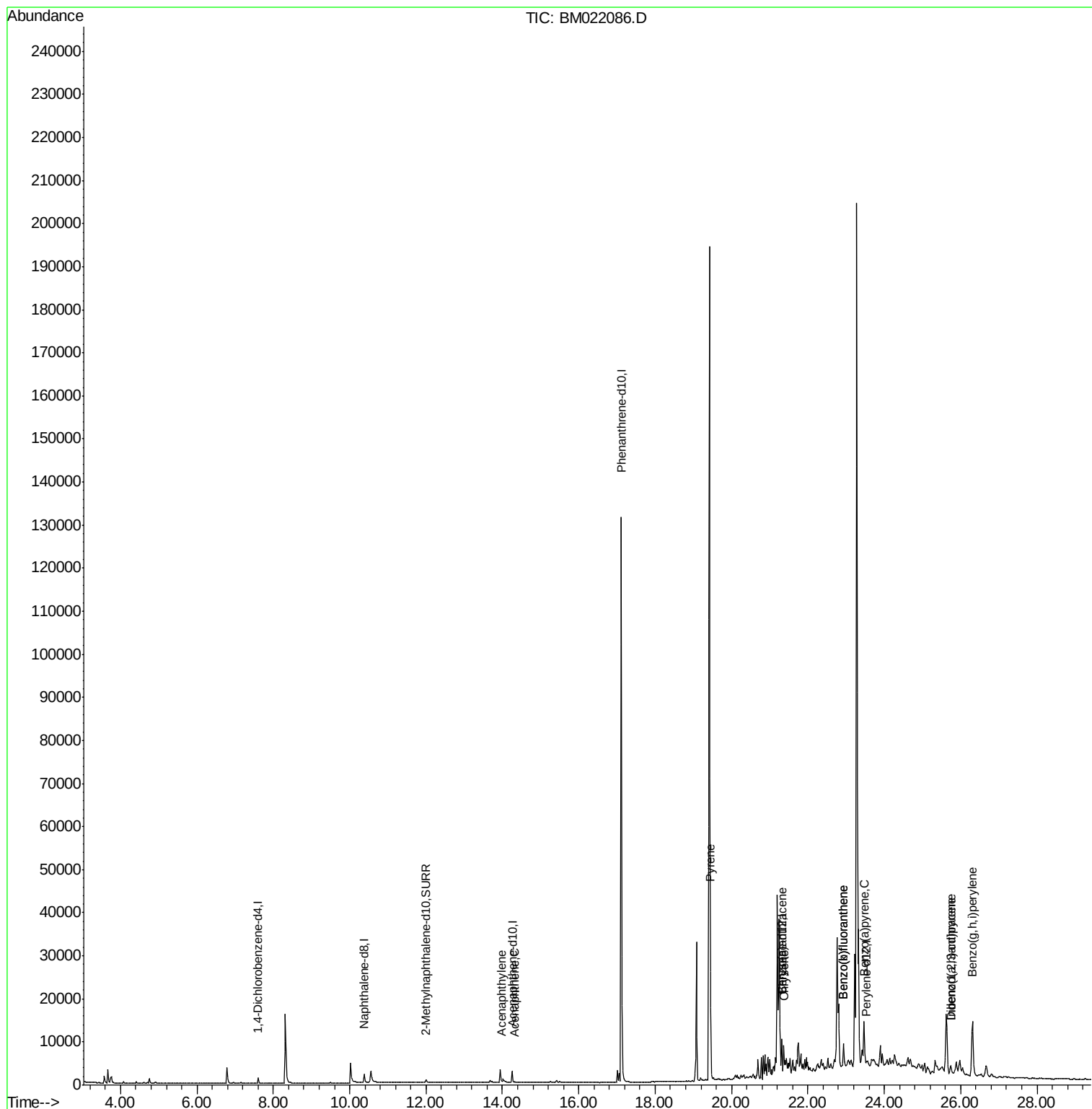
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	700	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	2897	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.26	164	1517	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	162987	0.40	ng/ul	0.07
16) Chrysene-d12	21.32	240	281	0.40	ng/ul	0.08
20) Perylene-d12	23.53	264	282	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	981	0.21	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
7) Acenaphthylene	13.98	152	365	0.052	ng/ul#	69
8) Acenaphthene	14.32	153	118	0.020	ng/ul#	83
17) Pyrene	19.44	202	29047	25.155	ng/ul	99
18) Benzo(a)anthracene	21.32	228	1430	1.423	ng/ul#	1
19) Chrysene	21.37	228	4228	3.271	ng/ul#	1
21) Benzo(b)fluoranthene	22.93	252	6807	7.158	ng/ul	81
22) Benzo(k)fluoranthene	22.93	252	6896	6.408	ng/ul#	81
23) Benzo(a)pyrene	23.47	252	11184	11.565	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	850	0.736	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.74	278	2234	2.394	ng/ul#	12
26) Benzo(g,h,i)perylene	26.31	276	25359	24.394	ng/ul	99

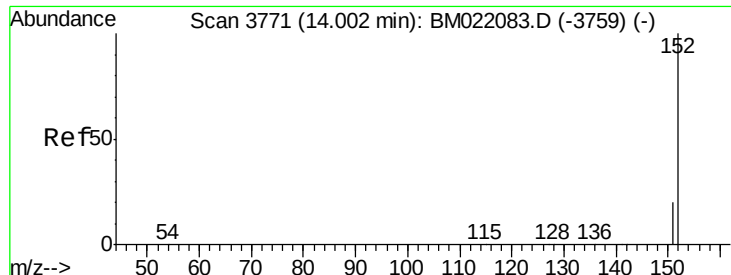
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

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BNA_M

ClientSampleId :

C0AF0

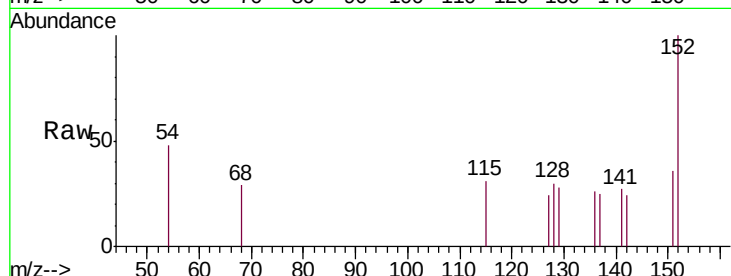
Tgt Ion:152 Resp: 365

Ion Ratio Lower Upper

152 100

151 35.7 18.3 27.5#

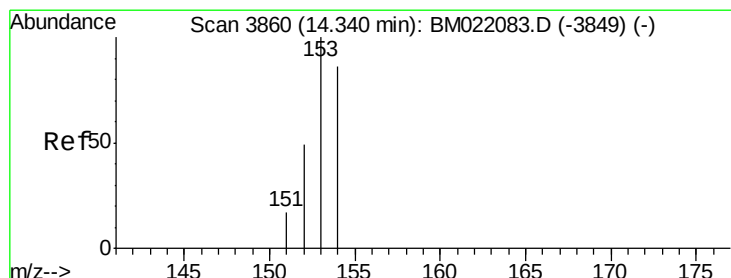
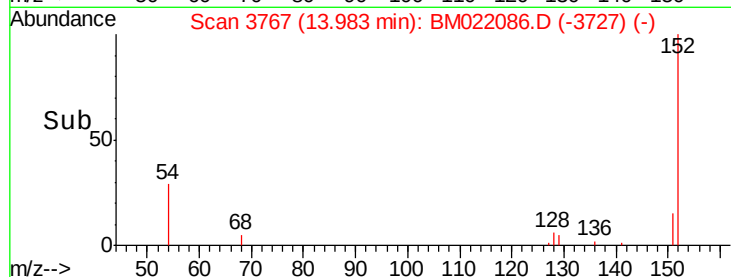
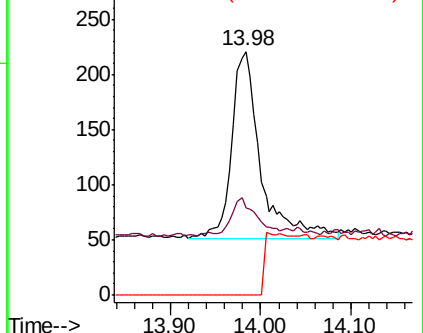
153 0.0 12.8 19.2#



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: 0.020 ng/ul

RT: 14.32 min Scan# 3855

Delta R.T. -0.02 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

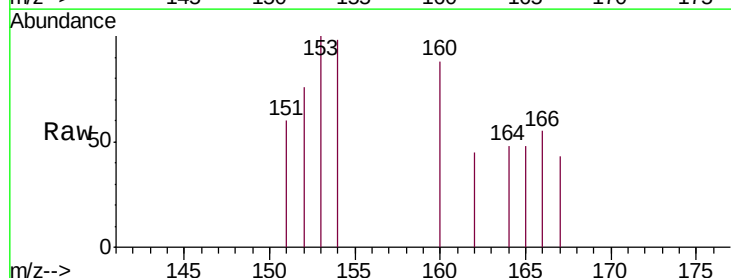
Tgt Ion:153 Resp: 118

Ion Ratio Lower Upper

153 100

152 76.0 41.3 61.9#

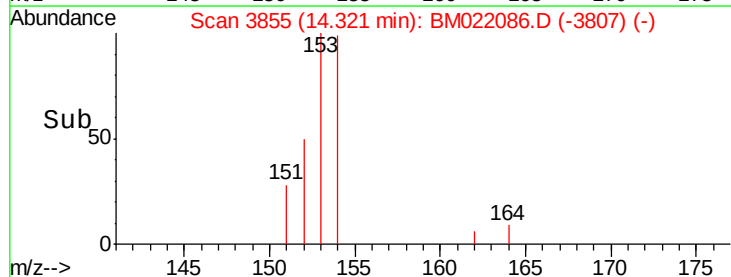
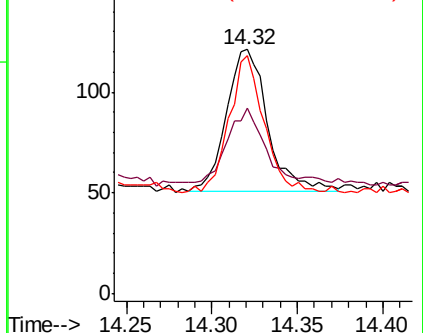
154 97.5 72.3 108.5

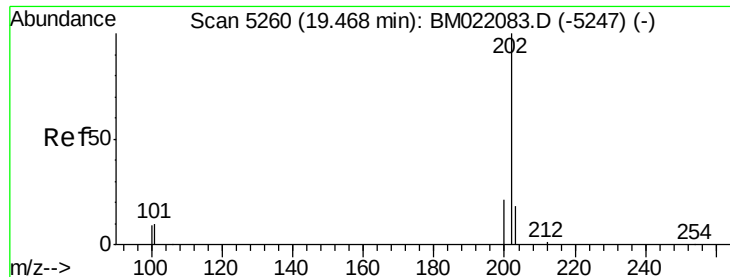


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

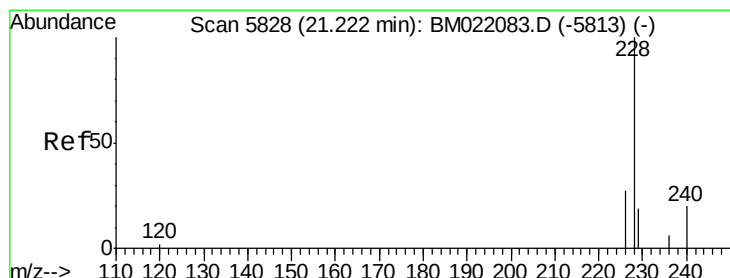
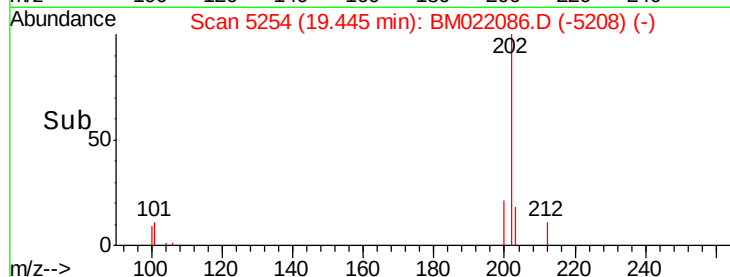
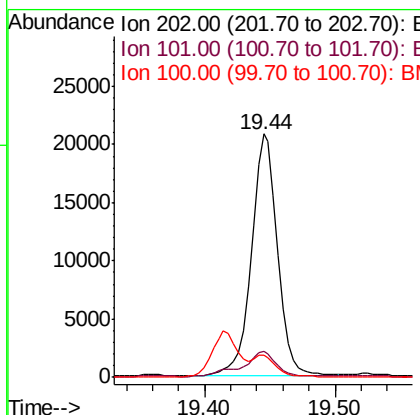
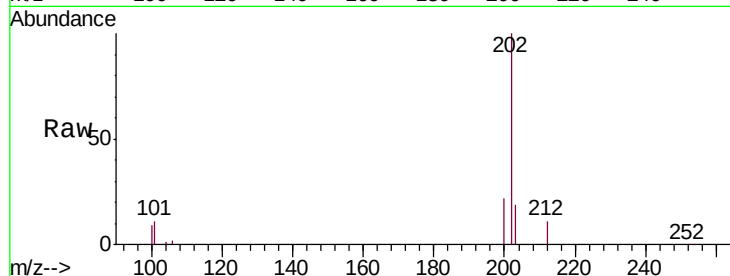




#17
Pyrene
 Concen: 25.155 ng/ul
 RT: 19.44 min Scan# 5254
 Delta R.T. -0.02 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

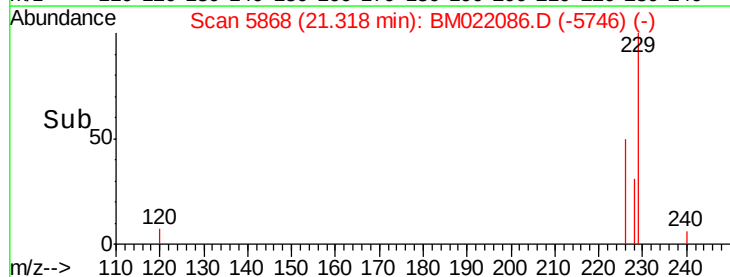
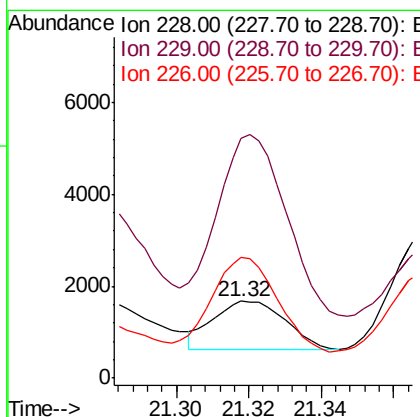
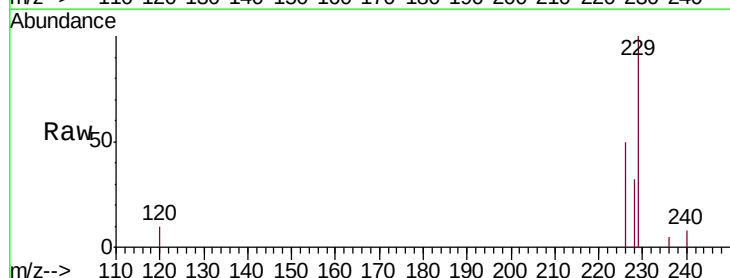
Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

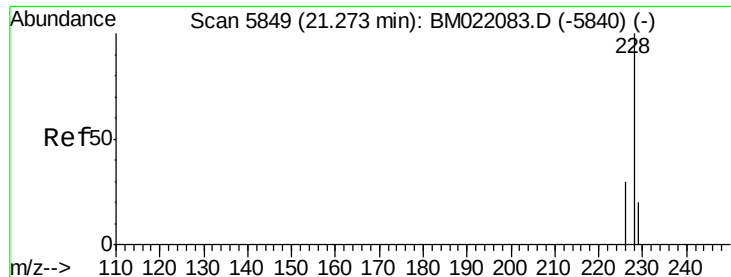
Tgt Ion:202 Resp: 29047
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.3 12.5
 100 9.3 7.2 10.8



#18
Benzo(a)anthracene
 Concen: 1.423 ng/ul
 RT: 21.32 min Scan# 5868
 Delta R.T. 0.10 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Tgt Ion:228 Resp: 1430
 Ion Ratio Lower Upper
 228 100
 229 312.7 17.2 25.8#
 226 157.2 22.6 34.0#





#19

Chrysene

Concen: 3.271 ng/ul

RT: 21.37 min Scan# 5889

Delta R.T. 0.10 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

ClientSampleId :

C0AF0

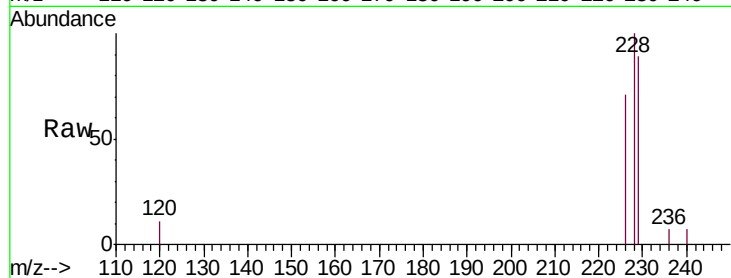
Tgt Ion:228 Resp: 4228

Ion Ratio Lower Upper

228 100

226 71.4 24.9 37.3#

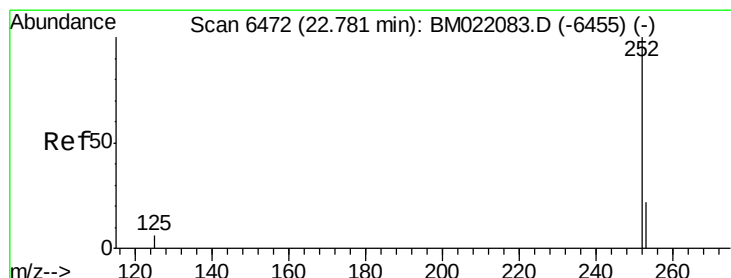
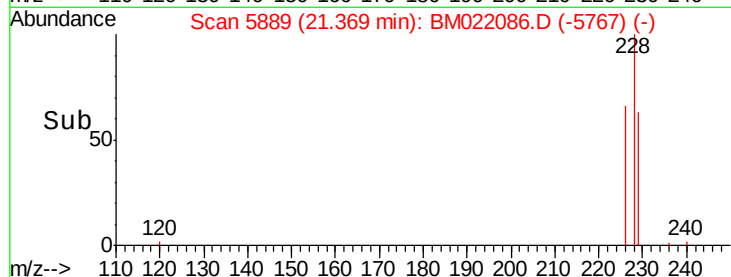
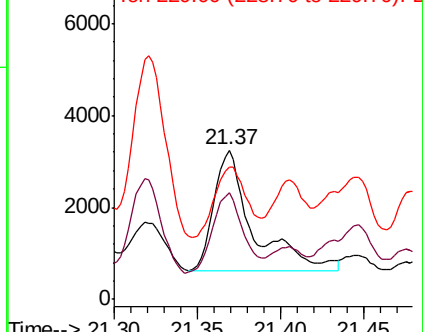
229 88.5 16.6 25.0#



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: 7.158 ng/ul

RT: 22.93 min Scan# 6534

Delta R.T. 0.15 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

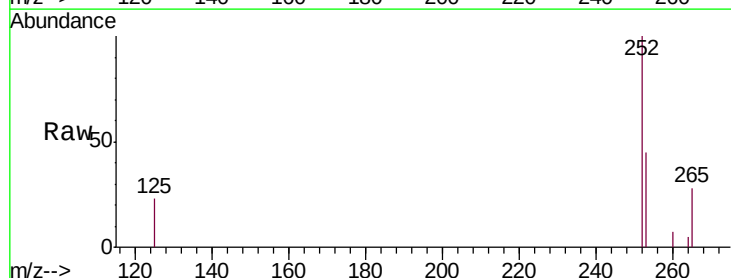
Tgt Ion:252 Resp: 6807

Ion Ratio Lower Upper

252 100

253 44.8 0.0 67.4

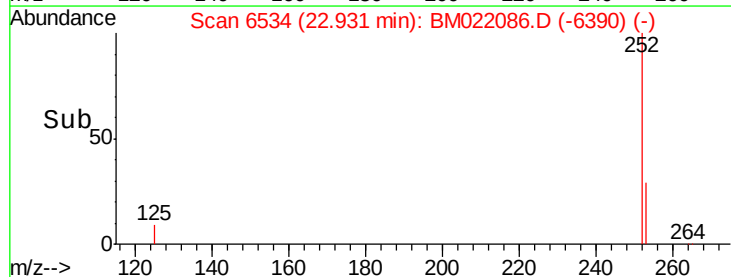
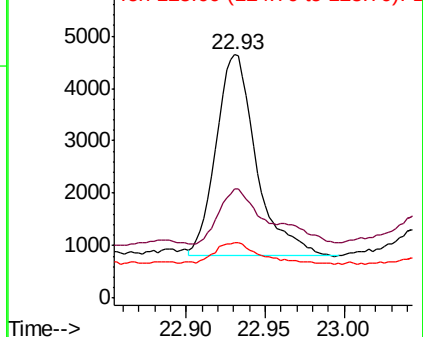
125 22.8 0.0 31.0

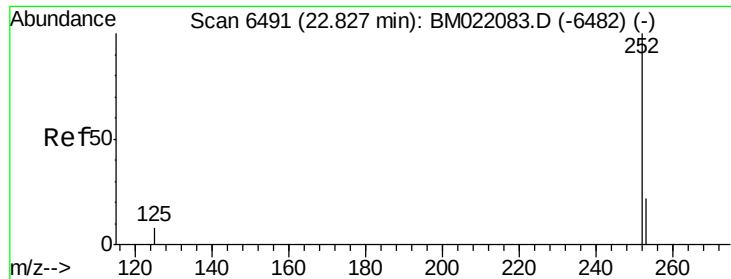


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.408 ng/ul

RT: 22.93 min Scan# 6534

Delta R.T. 0.10 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

ClientSampleId :

C0AF0

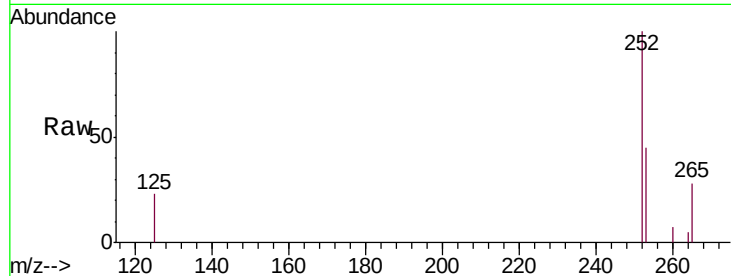
Tgt Ion:252 Resp: 6896

Ion Ratio Lower Upper

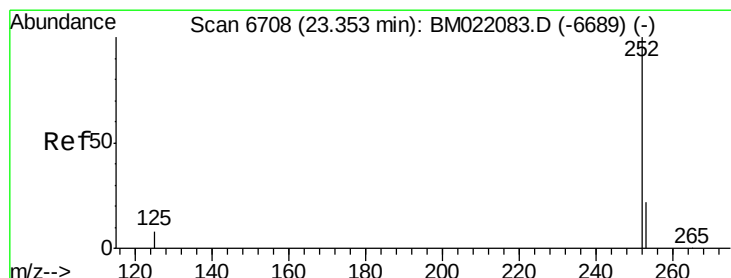
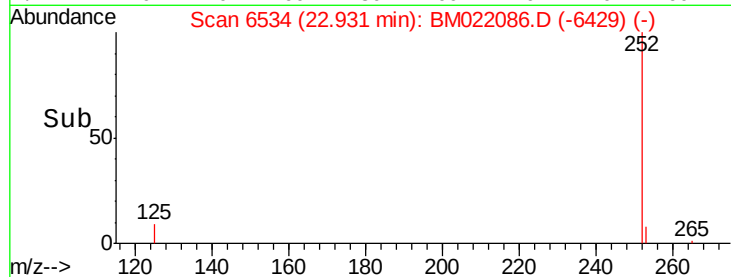
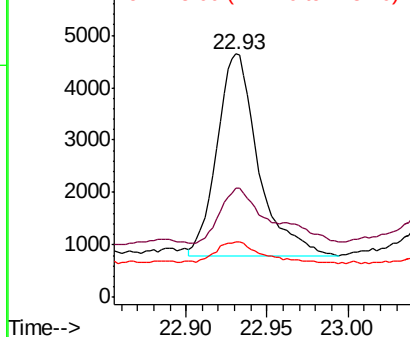
252 100

253 44.8 27.0 40.4#

125 22.8 12.2 18.2#



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: 11.565 ng/ul

RT: 23.47 min Scan# 6756

Delta R.T. 0.12 min

Lab File: BM022086.D

Acq: 14 Aug 2019 01:32

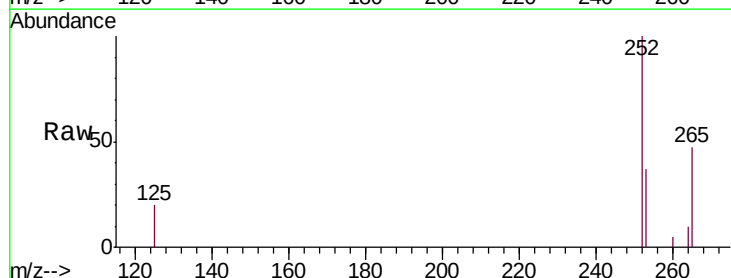
Tgt Ion:252 Resp: 11184

Ion Ratio Lower Upper

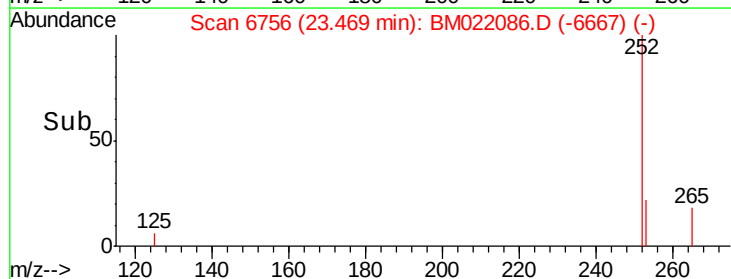
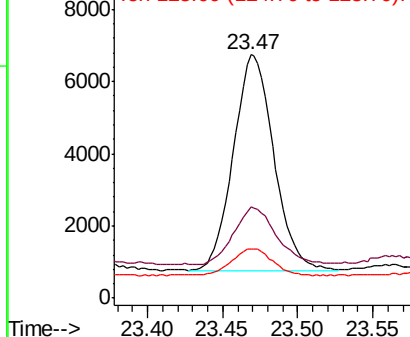
252 100

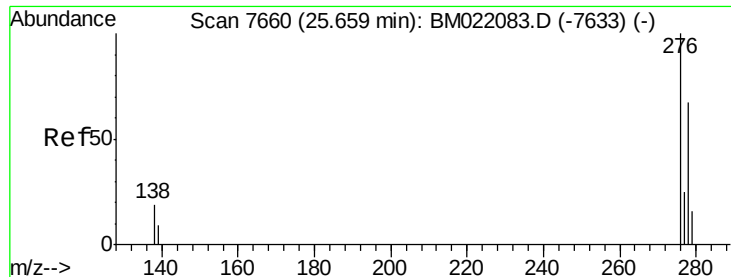
253 37.5 31.7 47.5

125 20.4 14.6 21.8



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



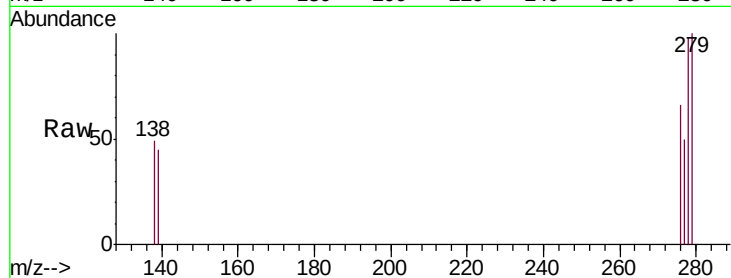


#24

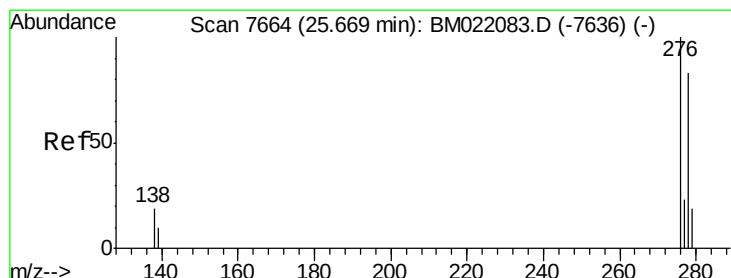
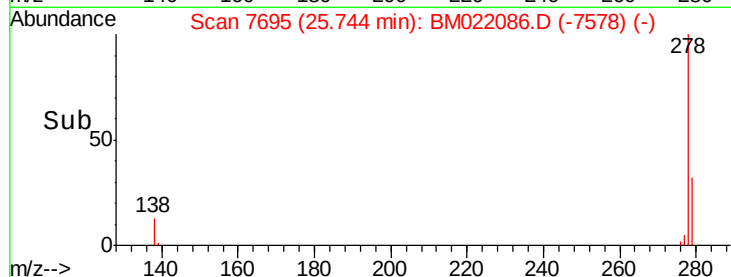
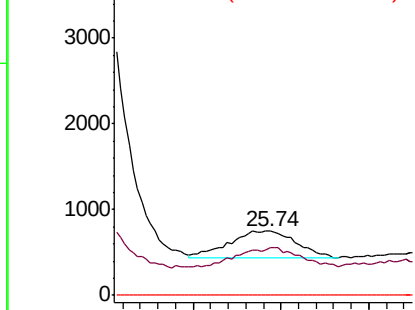
Indeno(1,2,3-cd)pyrene
 Concen: 0.736 ng/ul
 RT: 25.74 min Scan# 7695
 Delta R.T. 0.08 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Instrument :
 BNA_M
 ClientSampleId :
 C0AF0

Tgt Ion: 276 Resp: 850
 Ion Ratio Lower Upper
 276 100
 138 31.1 15.1 22.7#
 227 0.0 0.0 0.0



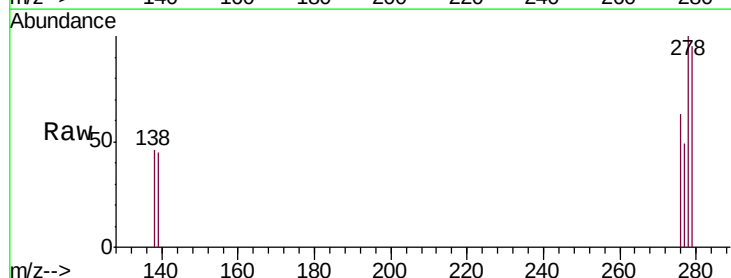
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



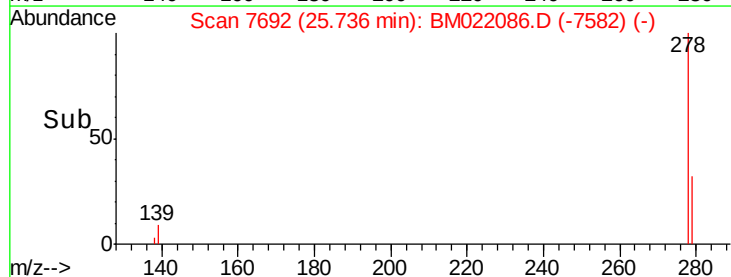
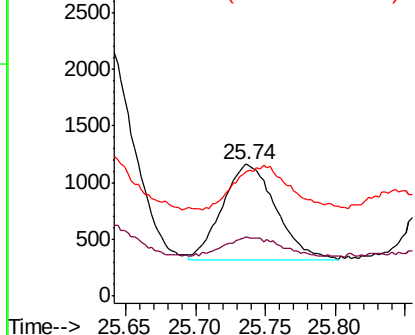
#25

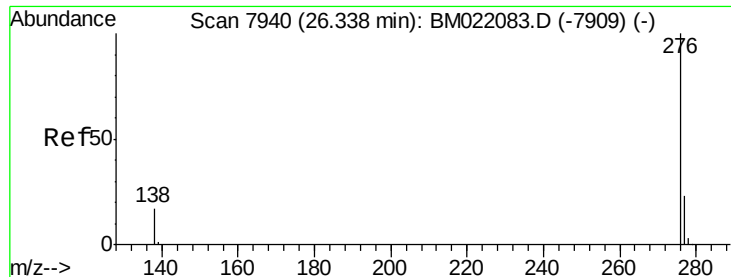
Dibenzo(a,h)anthracene
 Concen: 2.394 ng/ul
 RT: 25.74 min Scan# 7692
 Delta R.T. 0.07 min
 Lab File: BM022086.D
 Acq: 14 Aug 2019 01:32

Tgt Ion: 278 Resp: 2234
 Ion Ratio Lower Upper
 278 100
 139 44.8 14.2 21.2#
 279 94.7 28.3 42.5#



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: 24.394 ng/ul

RT: 26.31 min Scan# 7928

Delta R.T. -0.03 min

Lab File: BM022086.D

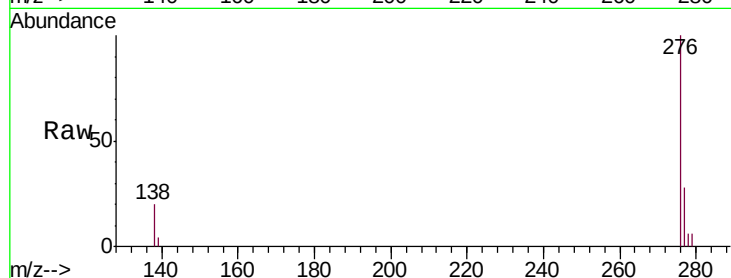
Acq: 14 Aug 2019 01:32

Instrument :

BNA_M

ClientSampleId :

C0AF0



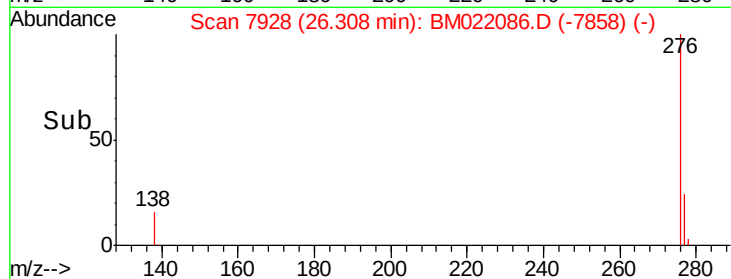
Tgt Ion: 276 Resp: 25359

Ion Ratio Lower Upper

276 100

138 19.7 15.5 23.3

277 27.6 21.4 32.2



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

