

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002412.D
 Acq On : 15 Aug 2015 07:19
 Operator : UM/IZ
 Sample : G3219-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 02:55:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:54:04 2015
 Response via : Initial Calibration

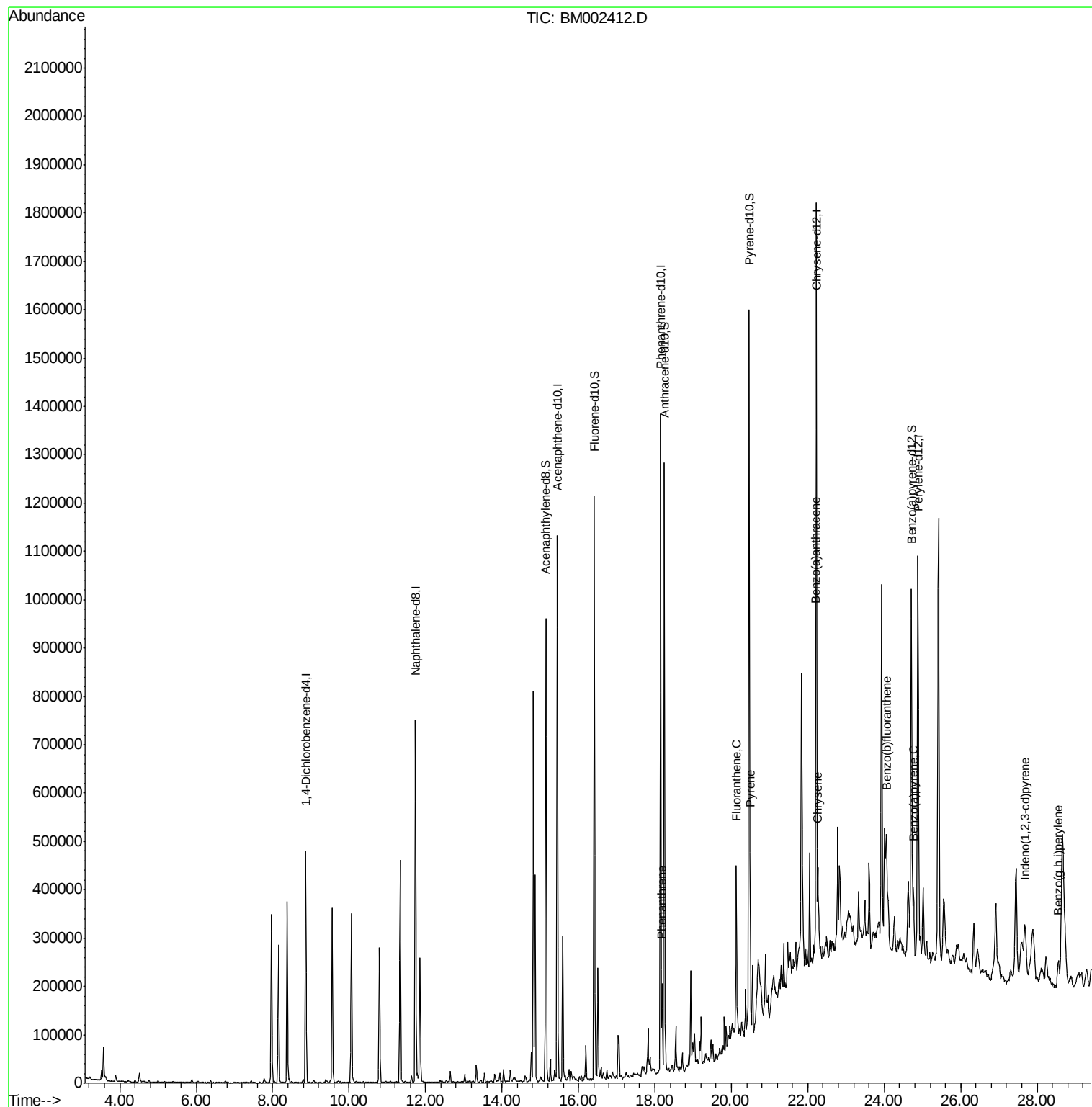
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	146615	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	699385	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	379871	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	807624	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	822274	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	675648	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	728009	18.74	ng/ul	0.00
10) Fluorene-d10	16.42	176	490797	17.99	ng/ul	0.00
14) Anthracene-d10	18.24	188	709698	18.22	ng/ul	0.00
18) Pyrene-d10	20.46	212	746052	20.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	625516	17.62	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.19	178	109329	2.34	ng/ul	100
16) Fluoranthene	20.13	202	206803	3.92	ng/ul	98
19) Pyrene	20.49	202	185319	3.85	ng/ul	98
20) Benzo(a)anthracene	22.20	228	101295	2.06	ng/ul	97
21) Chrysene	22.26	228	124702	2.71	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	174589	4.27	ng/ul#	93
26) Benzo(a)pyrene	24.76	252	94259	2.42	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.68	276	69434	1.55	ng/ul	95
29) Benzo(g,h,i)perylene	28.56	276	69235	1.85	ng/ul	99

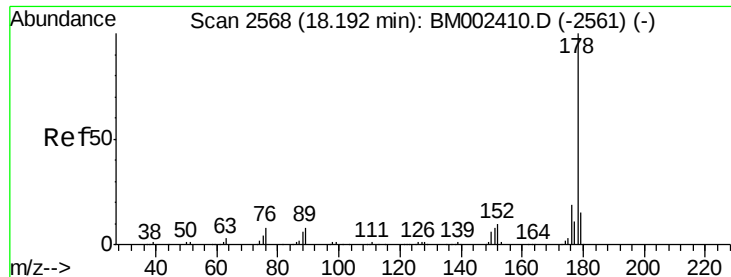
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.34 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

Instrument :

BNA_M

ClientSampleId :

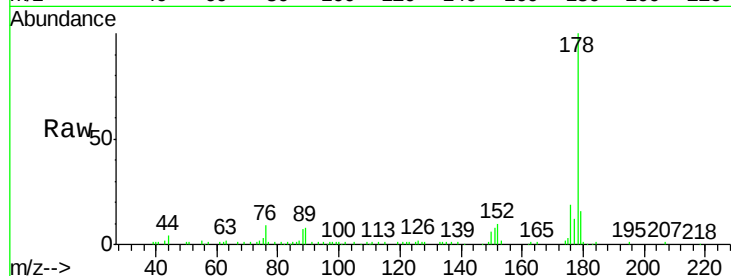
Tot Ion:178 Resp: 109329

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

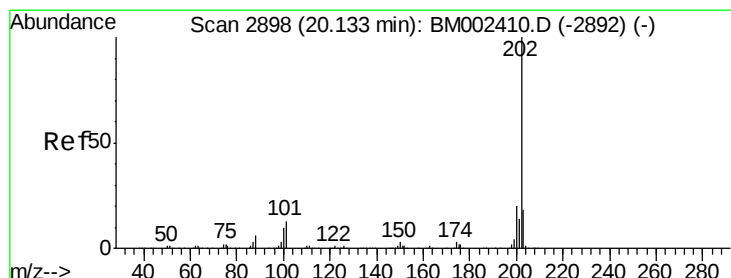
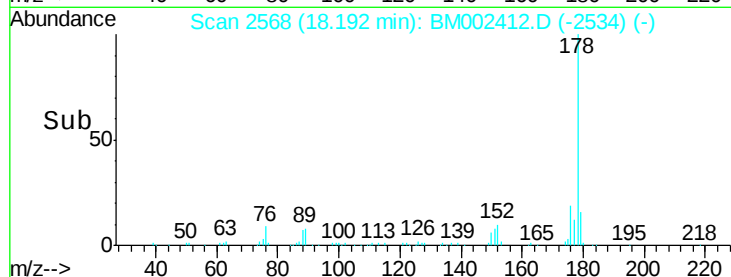
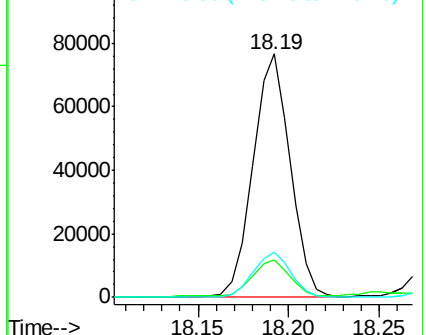
176 18.7 15.1 22.7



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



#16

Fluoranthene

Concen: 3.92 ng/ul

RT: 20.13 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

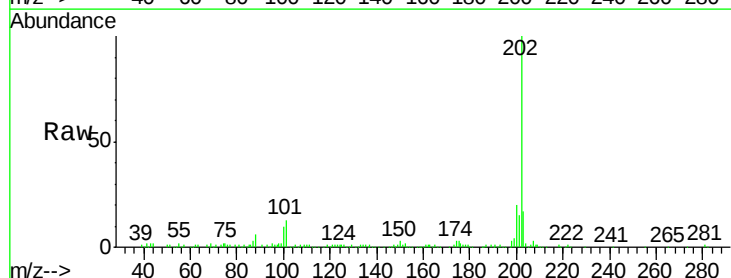
Tgt Ion:202 Resp: 206803

Ion Ratio Lower Upper

202 100

101 12.8 9.7 14.5

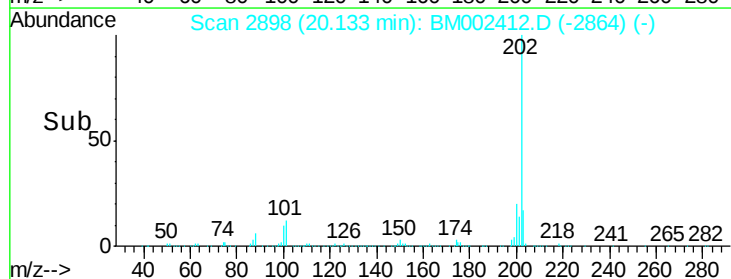
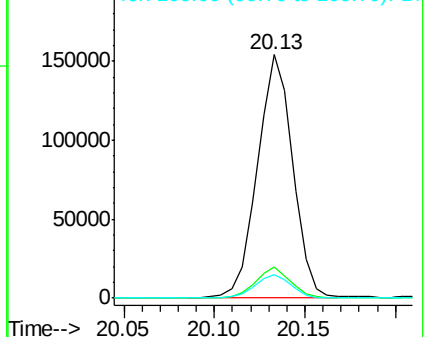
100 9.8 7.4 11.2

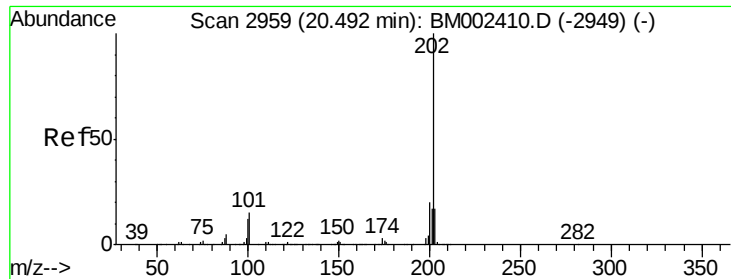


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.85 ng/ul

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

Instrument :

BNA_M

ClientSampleId :

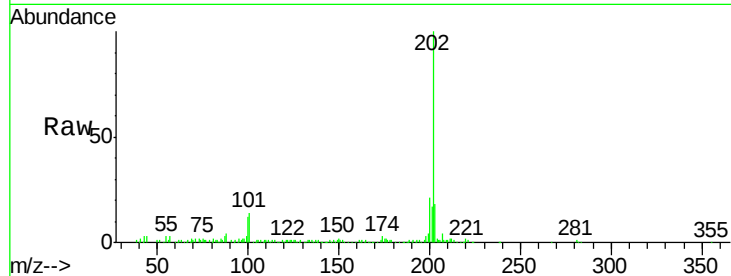
Tot Ion:202 Resp: 185319

Ion Ratio Lower Upper

202 100

101 13.8 12.0 18.0

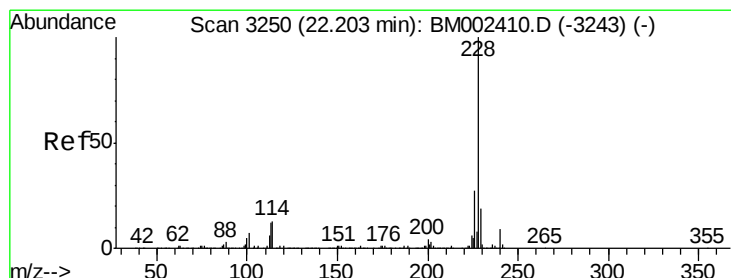
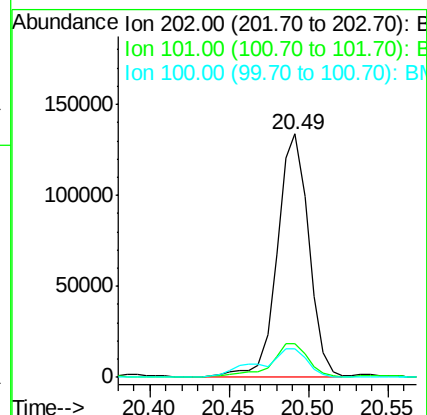
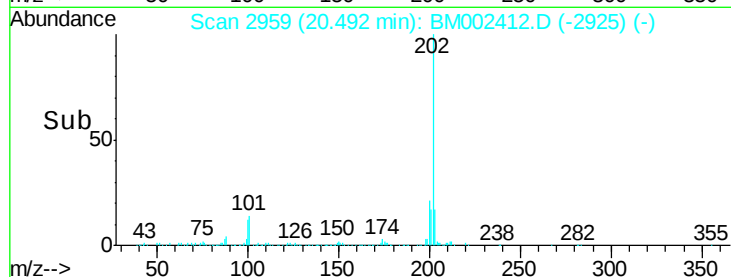
100 11.9 9.7 14.5



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



#20

Benzo(a)anthracene

Concen: 2.06 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

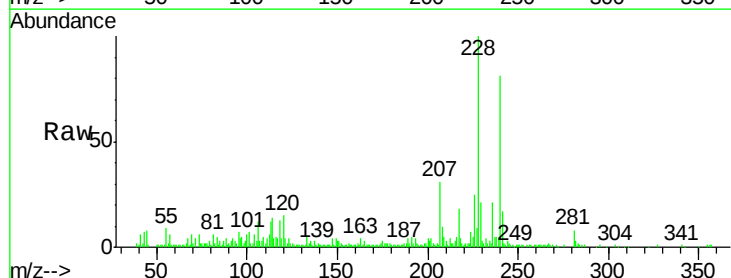
Tgt Ion:228 Resp: 101295

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

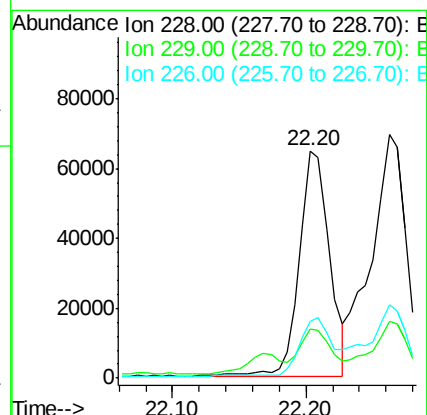
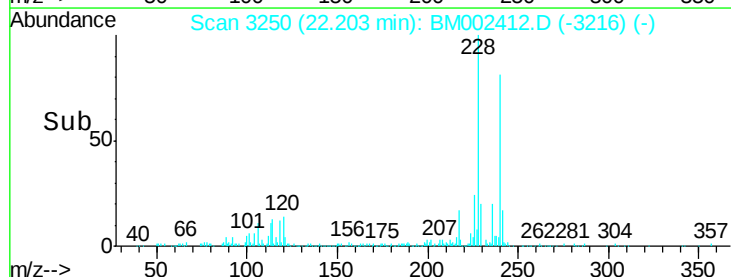
226 25.0 21.1 31.7

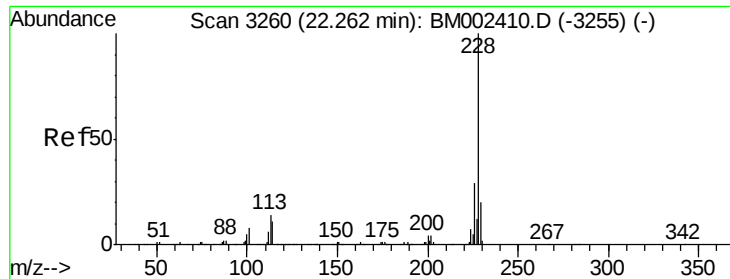


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.71 ng/ul

RT: 22.26 min Scan# 3260

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

Instrument :

BNA_M

ClientSampleId :

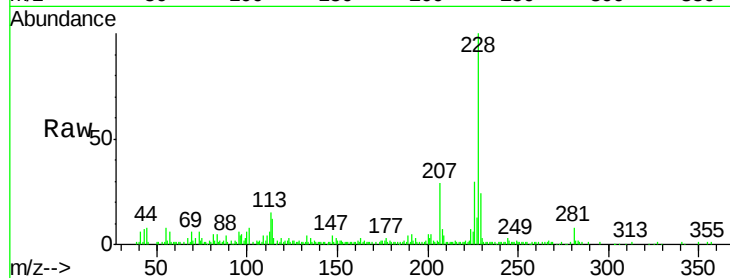
Tot Ion:228 Resp: 124702

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

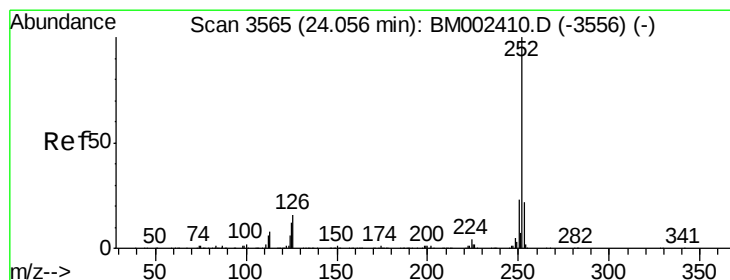
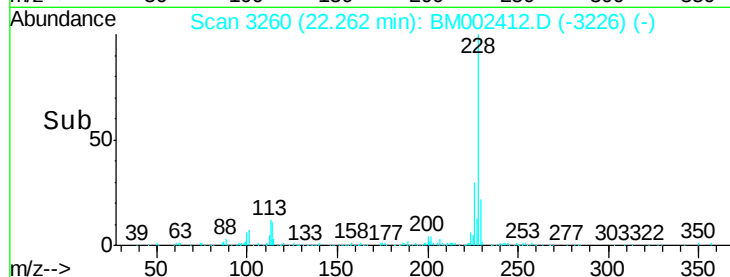
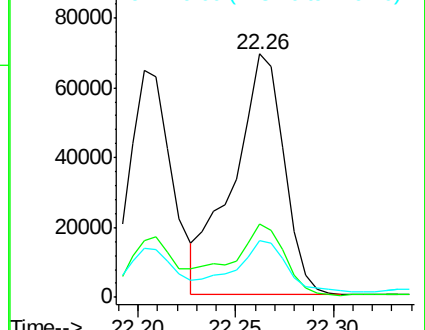
229 23.5 15.7 23.5



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



#23

Benzo(b)fluoranthene

Concen: 4.27 ng/ul

RT: 24.06 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

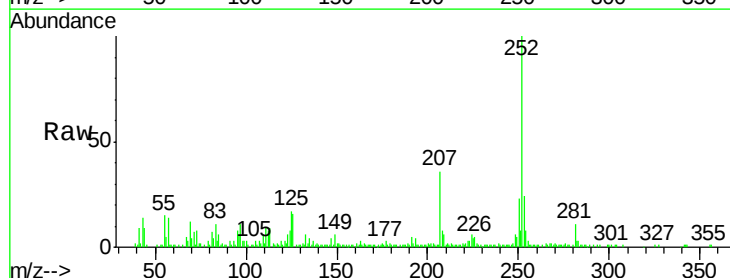
Tgt Ion:252 Resp: 174589

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

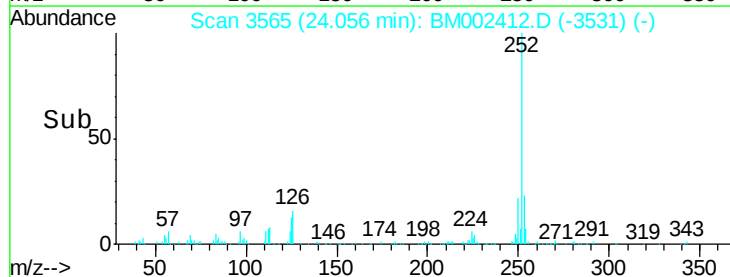
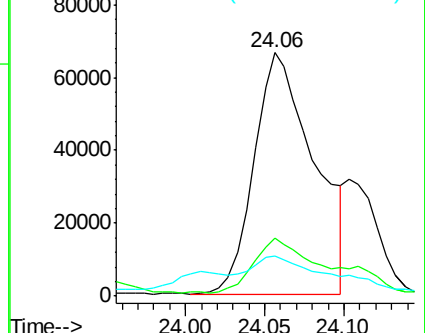
125 16.5 10.0 15.0#

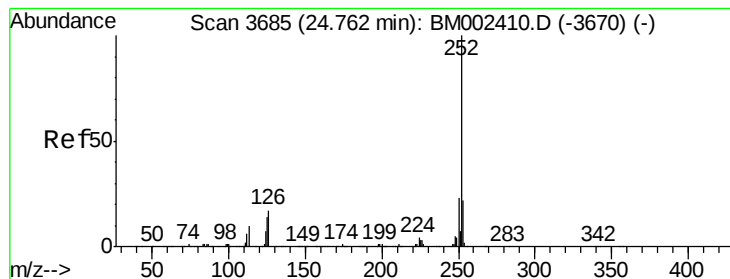


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.42 ng/ul

RT: 24.76 min Scan# 3685

Delta R.T. 0.00 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

Instrument :

BNA_M

ClientSampleId :

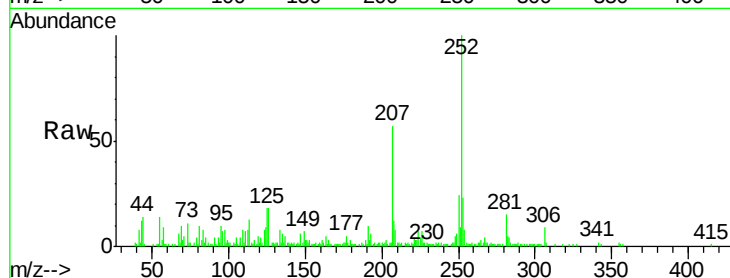
Tot Ion:252 Resp: 94259

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

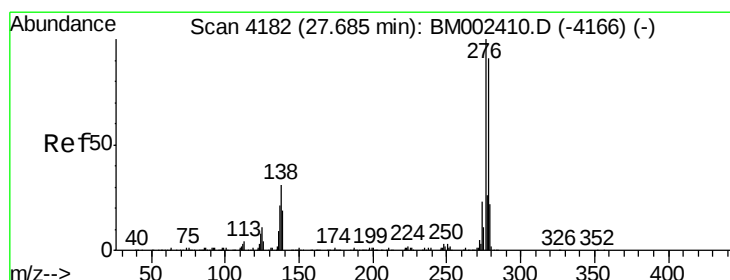
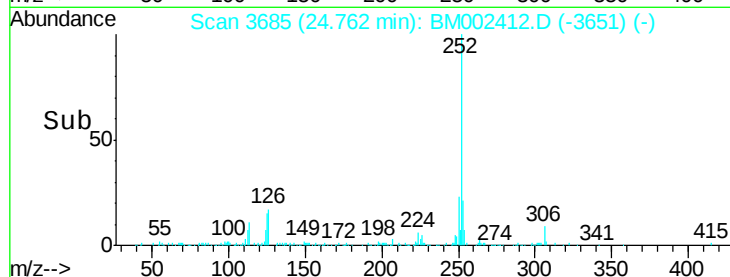
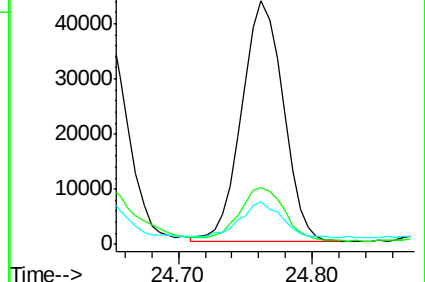
125 17.6 10.7 16.1#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.55 ng/ul

RT: 27.68 min Scan# 4181

Delta R.T. -0.01 min

Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

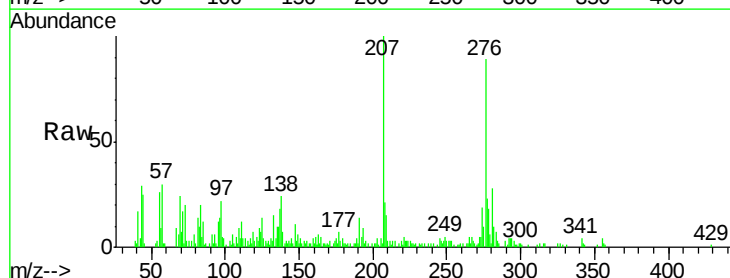
Tgt Ion:276 Resp: 69434

Ion Ratio Lower Upper

276 100

138 26.7 25.3 37.9

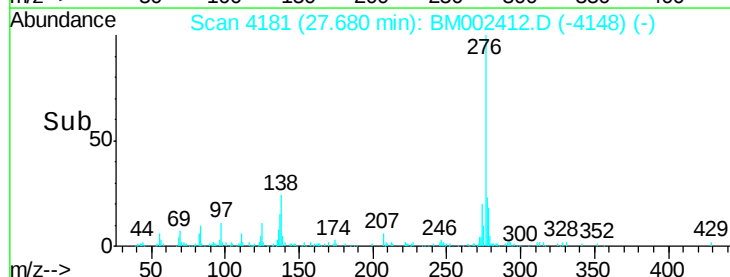
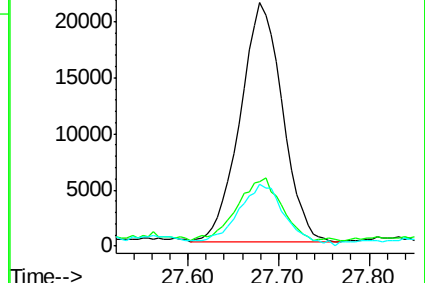
277 25.3 20.2 30.2

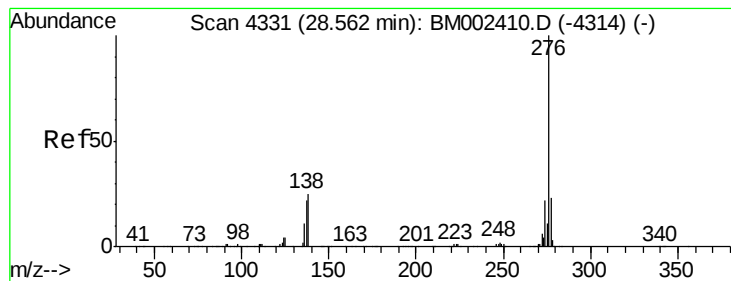


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.85 ng/ul

RT: 28.56 min Scan# 4331

Delta R.T. 0.00 min

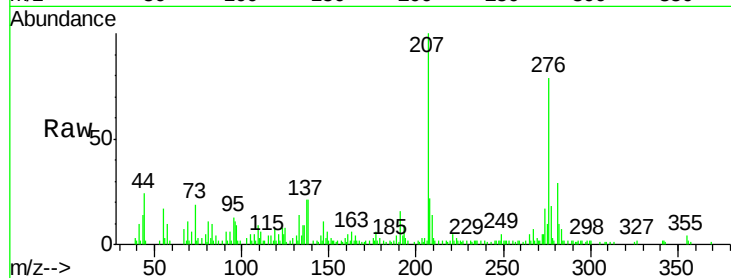
Lab File: BM002412.D

Acq: 15 Aug 2015 07:19

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 69235

Ion Ratio Lower Upper

276 100

138 26.2 21.0 31.6

277 23.4 19.2 28.8

