

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002429.D
 Acq On : 15 Aug 2015 17:48
 Operator : UM/IZ
 Sample : G3219-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DA9

Quant Time: Aug 17 05:17:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

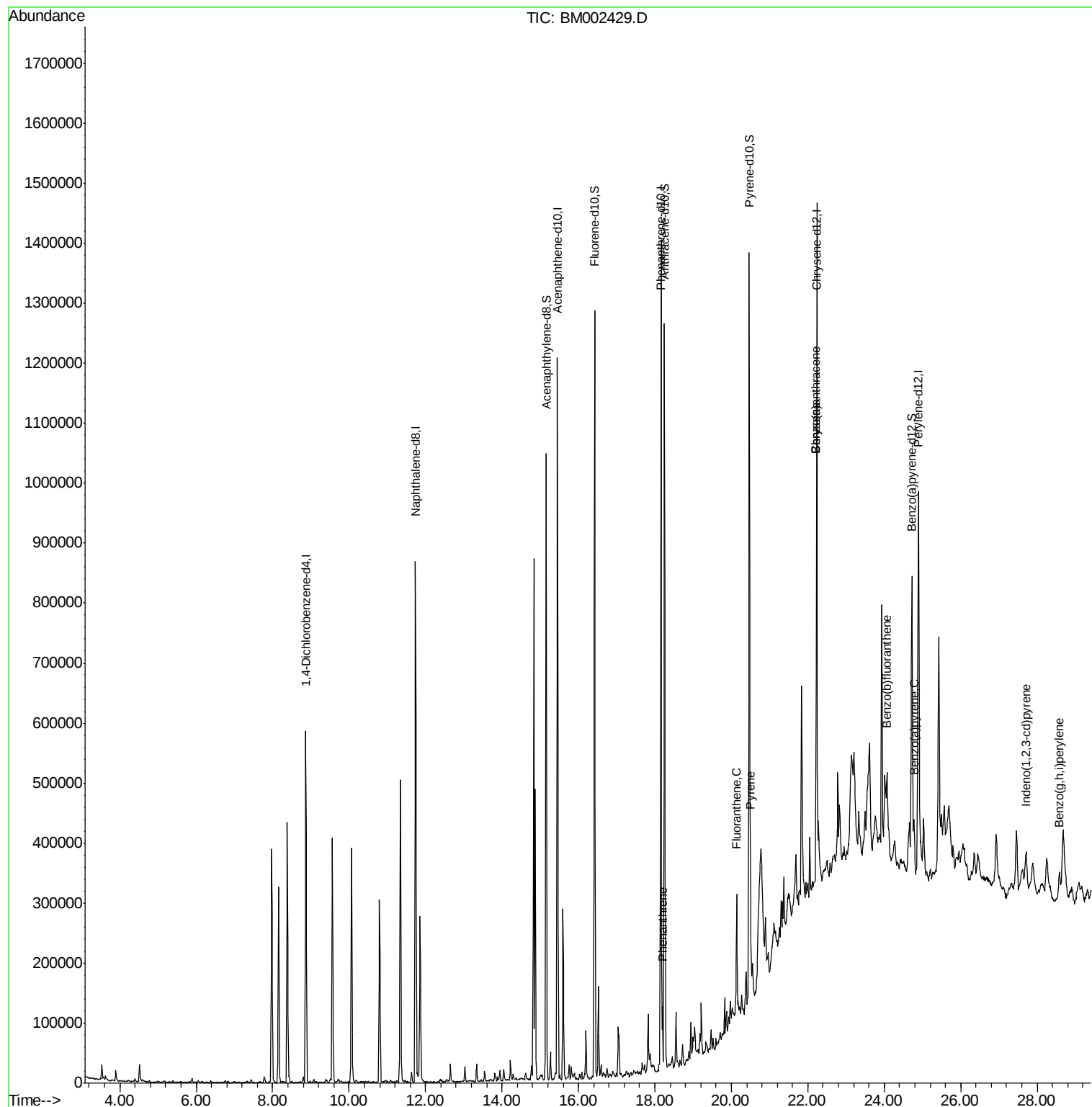
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	179131	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	807462	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	416787	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	827268	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	577406	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	509507	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	784530	18.41	ng/ul	0.00
10) Fluorene-d10	16.42	176	518299	17.32	ng/ul	0.00
14) Anthracene-d10	18.25	188	719762	18.04	ng/ul	0.00
18) Pyrene-d10	20.47	212	615084	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	425146	15.88	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.20	178	60999	1.28	ng/ul	99
16) Fluoranthene	20.14	202	115997	2.14	ng/ul	98
19) Pyrene	20.50	202	105790	3.13	ng/ul	99
20) Benzo(a)anthracene	22.22	228	53824	1.56	ng/ul	96
21) Chrysene	22.22	228	53680	1.66	ng/ul	95
23) Benzo(b)fluoranthene	24.07	252	97099	3.15	ng/ul#	93
26) Benzo(a)pyrene	24.78	252	62241	2.12	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.71	276	47435	1.40	ng/ul	98
29) Benzo(g,h,i)perylene	28.59	276	63709	2.26	ng/ul	94

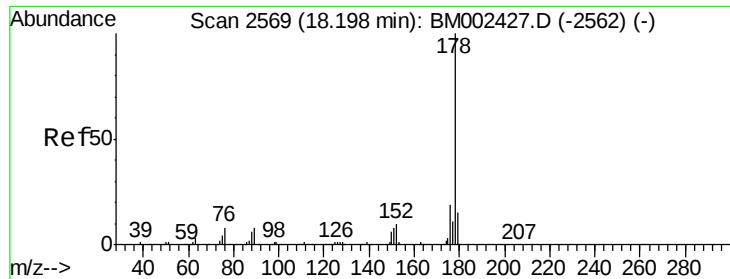
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.28 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

ClientSampled :

D9DA9

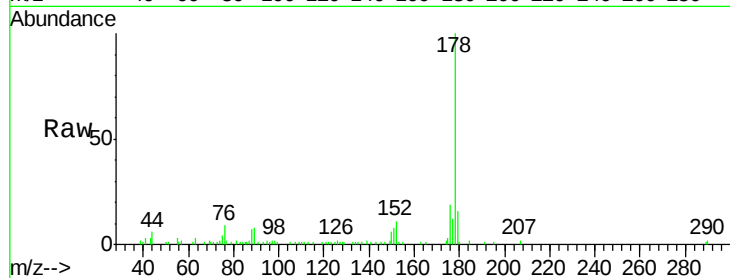
Tot Ion:178 Resp: 60999

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

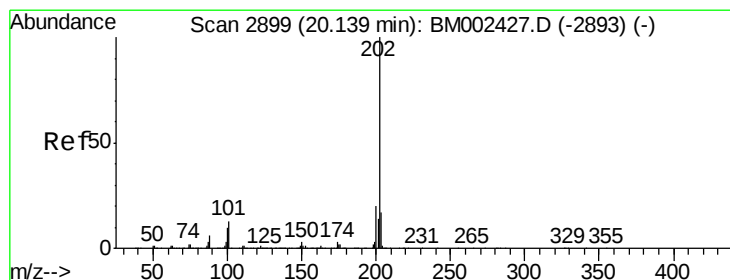
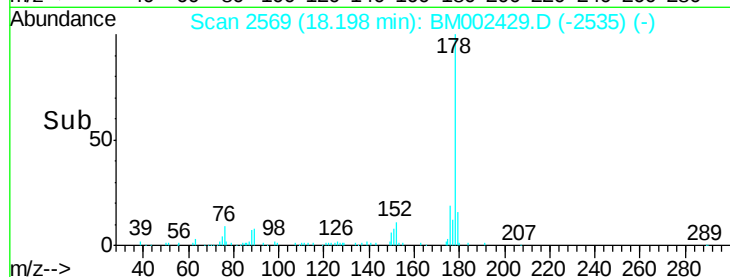
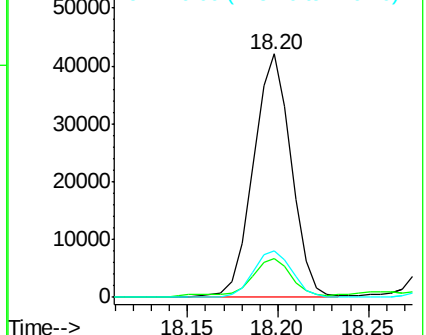
176 19.3 15.1 22.7



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: 2.14 ng/ul

RT: 20.14 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

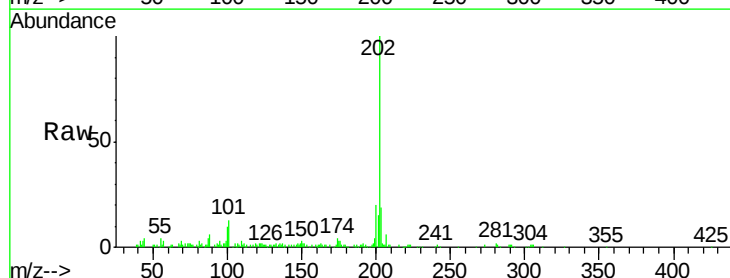
Tgt Ion:202 Resp: 115997

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

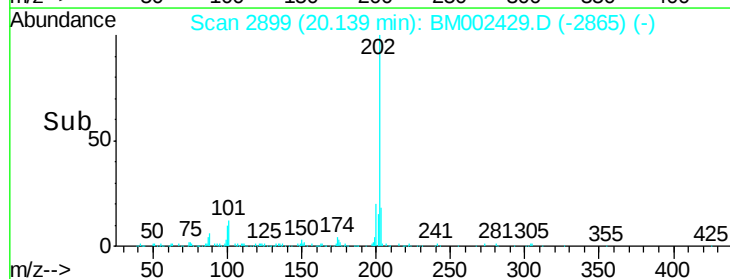
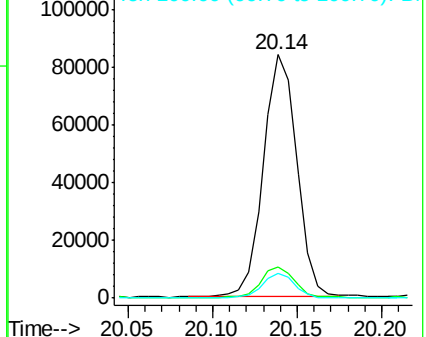
100 10.1 7.4 11.2

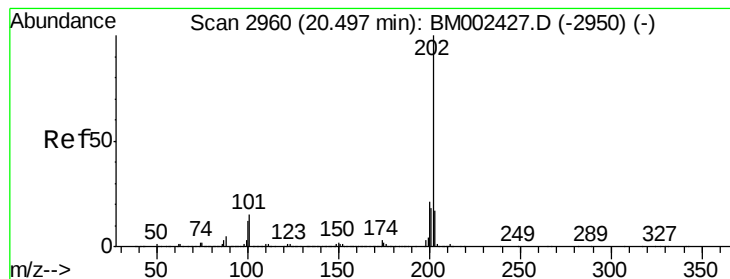


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.13 ng/ul

RT: 20.50 min Scan# 2960

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

ClientSampleId :

D9DA9

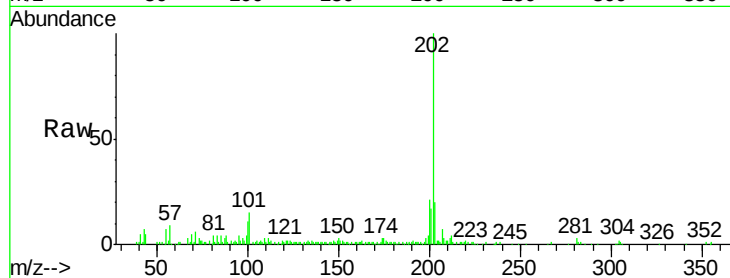
Tot Ion:202 Resp: 105790

Ion Ratio Lower Upper

202 100

101 14.7 12.0 18.0

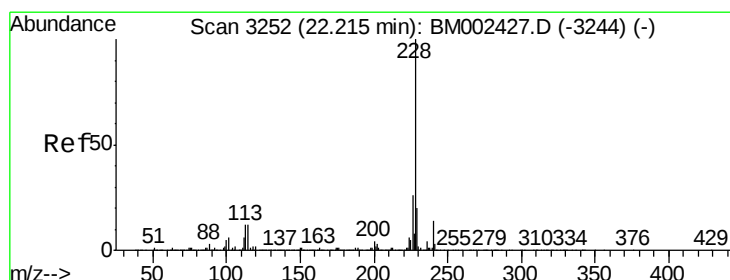
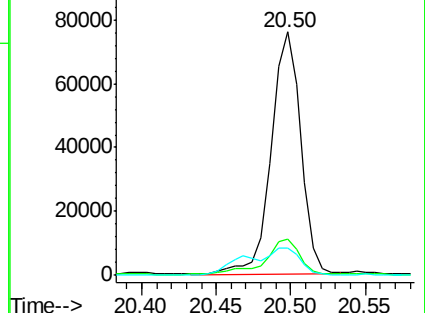
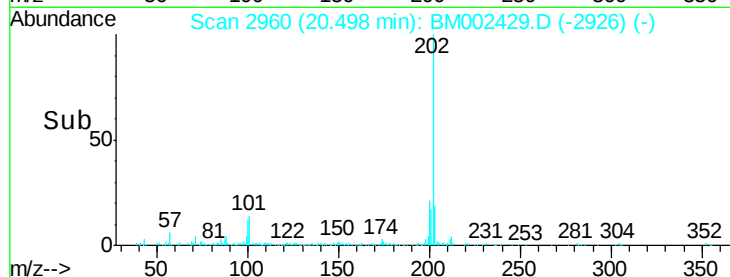
100 11.4 9.7 14.5



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: 1.56 ng/ul

RT: 22.22 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

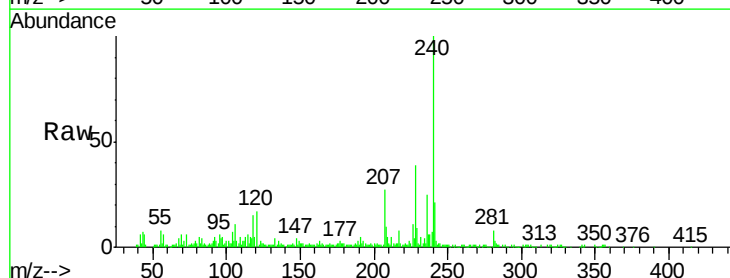
Tgt Ion:228 Resp: 53824

Ion Ratio Lower Upper

228 100

229 22.7 15.8 23.6

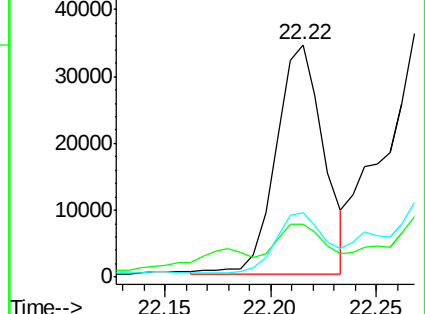
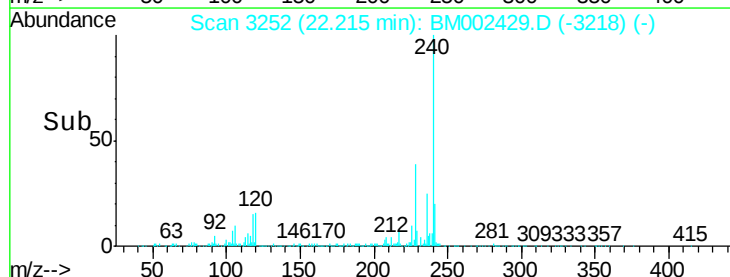
226 27.6 21.1 31.7

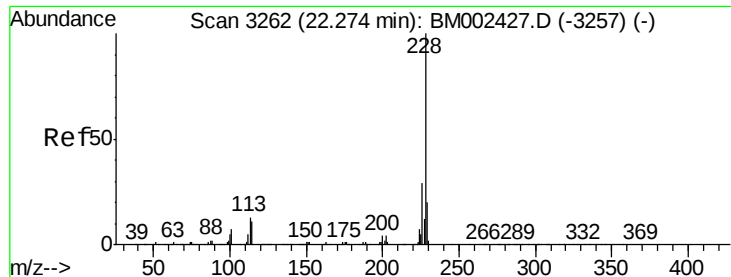


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.66 ng/ul

RT: 22.22 min Scan# 3252

Delta R.T. -0.06 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

ClientSampleId :

D9DA9

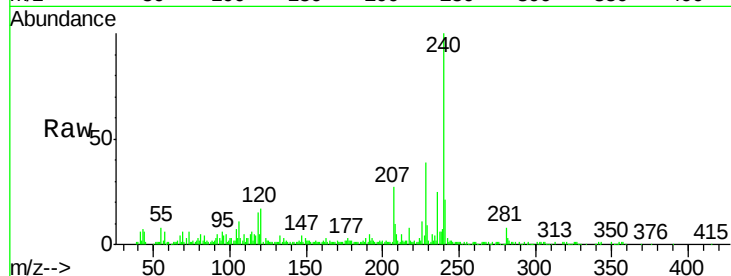
Tot Ion:228 Resp: 53680

Ion Ratio Lower Upper

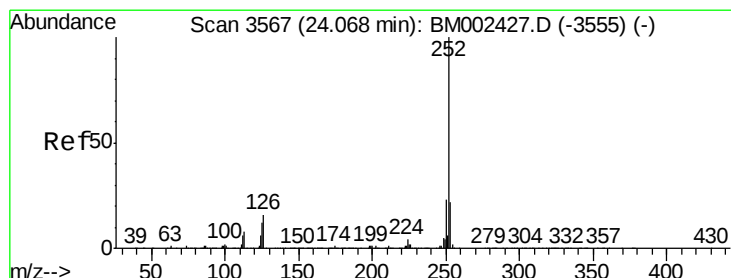
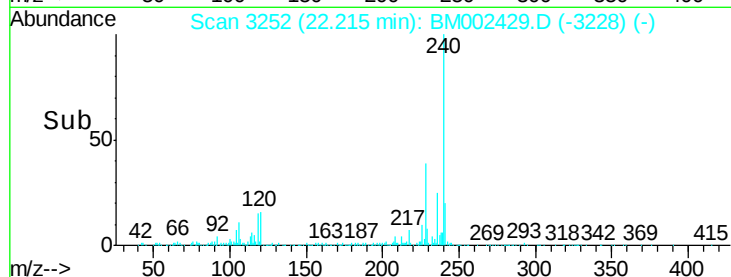
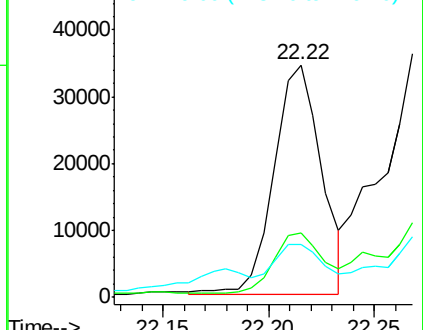
228 100

226 27.6 23.4 35.2

229 22.7 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: 3.15 ng/ul

RT: 24.07 min Scan# 3568

Delta R.T. 0.01 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

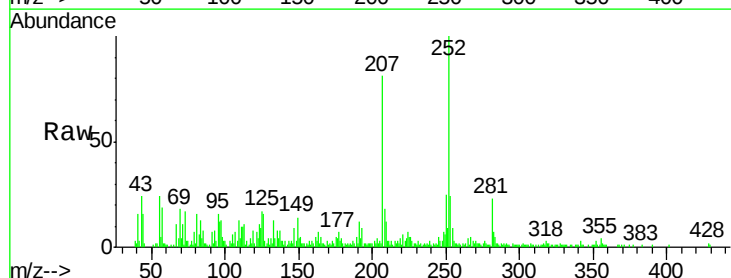
Tgt Ion:252 Resp: 97099

Ion Ratio Lower Upper

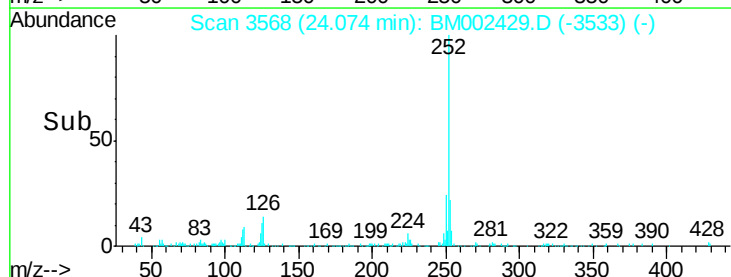
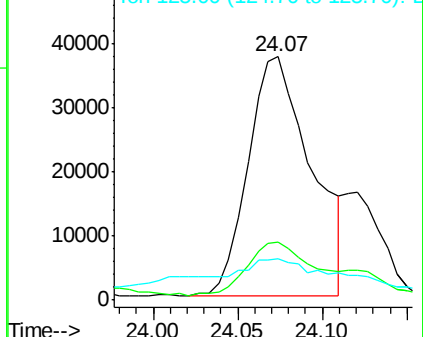
252 100

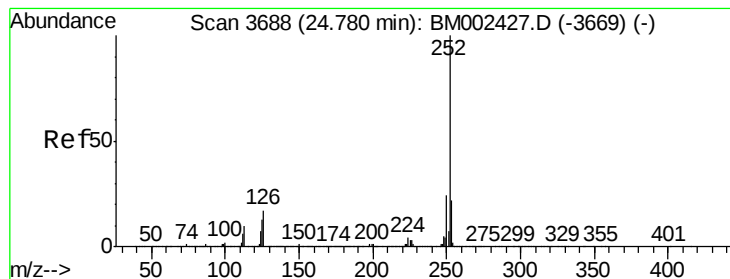
253 23.7 17.4 26.0

125 17.1 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: 2.12 ng/ul

RT: 24.78 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

ClientSampleId :

D9DA9

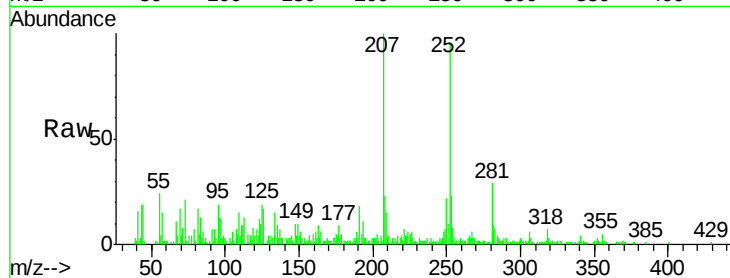
Tot Ion:252 Resp: 62241

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

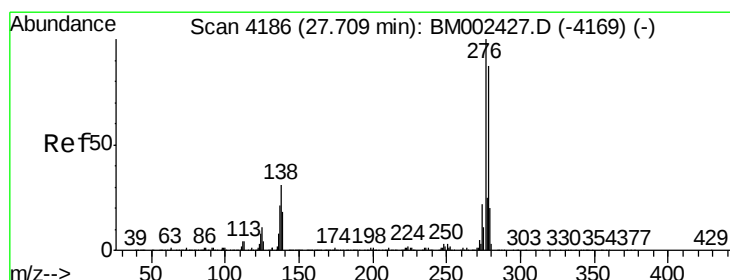
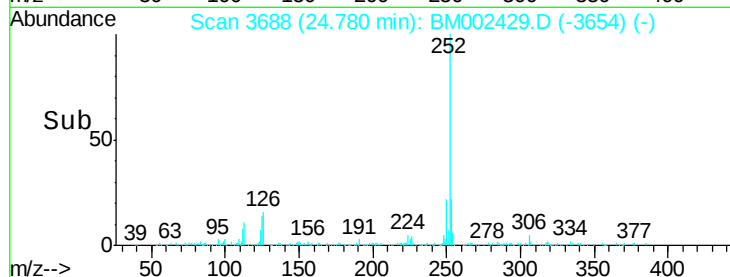
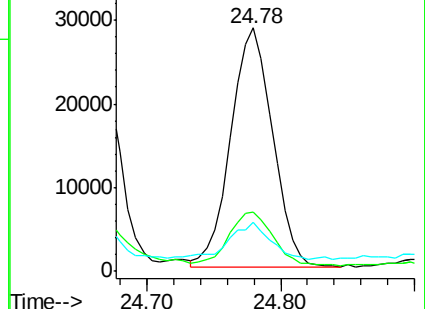
125 20.0 10.7 16.1#



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: 1.40 ng/ul

RT: 27.71 min Scan# 4186

Delta R.T. 0.00 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

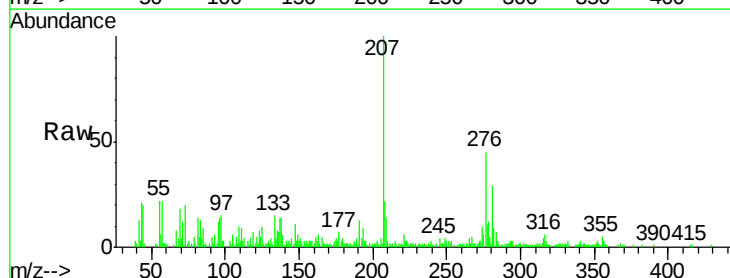
Tgt Ion:276 Resp: 47435

Ion Ratio Lower Upper

276 100

138 29.8 25.3 37.9

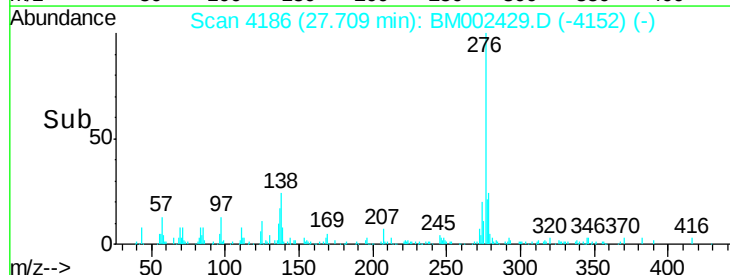
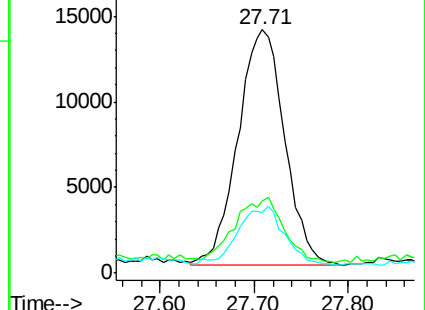
277 25.0 20.2 30.2

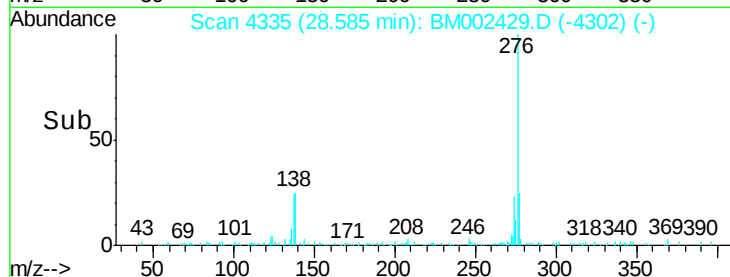
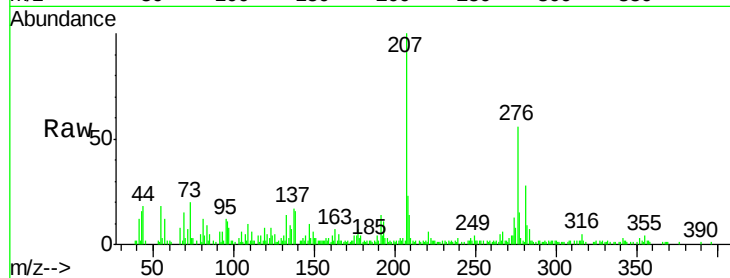
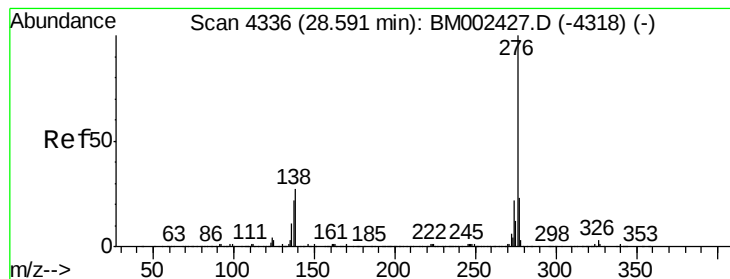


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.26 ng/ul

RT: 28.59 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BM002429.D

Acq: 15 Aug 2015 17:48

Instrument :

BNA_M

ClientSampleId :

D9DA9

Tot Ion: 276 Resp: 63709

Ion Ratio Lower Upper

276 100

138 28.9 21.0 31.6

277 27.0 19.2 28.8

