

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002437.D
 Acq On : 15 Aug 2015 22:40
 Operator : UM/IZ
 Sample : G3194-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D93

Quant Time: Aug 17 05:18:51 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	159597	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	719071	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	363705	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	690735	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	475080	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	440458	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	1241801	33.39	ng/ul	0.00
10) Fluorene-d10	16.43	176	795282	30.45	ng/ul	0.00
14) Anthracene-d10	18.26	188	1060345	31.82	ng/ul	0.00
18) Pyrene-d10	20.47	212	853660	40.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	606560	26.22	ng/ul	0.01

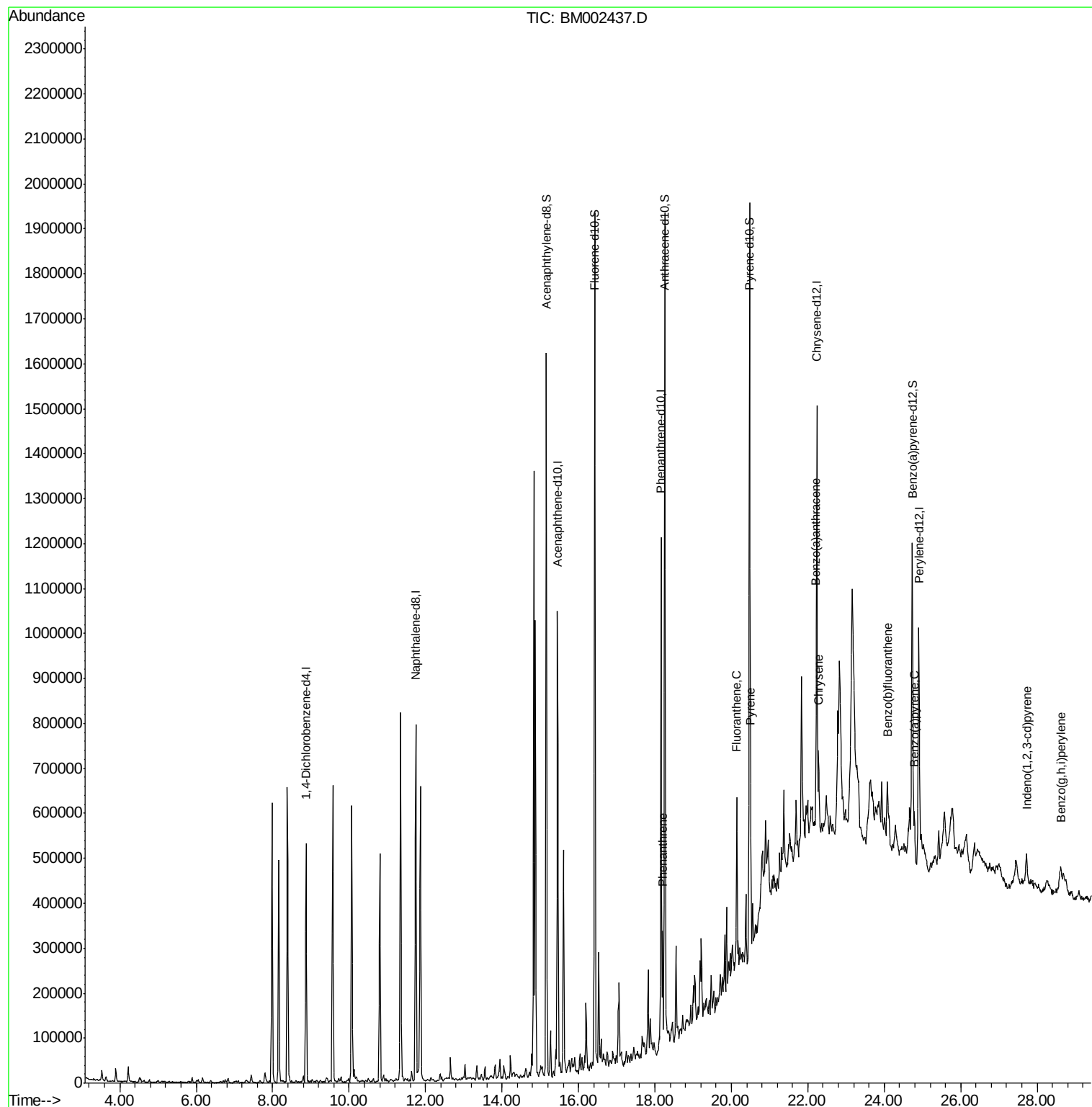
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.20	178	160066	4.01	ng/ul	99
16) Fluoranthene	20.14	202	236747	5.24	ng/ul	99
19) Pyrene	20.50	202	210724	7.57	ng/ul	98
20) Benzo(a)anthracene	22.21	228	96281	3.39	ng/ul#	91
21) Chrysene	22.27	228	129479	4.87	ng/ul#	91
23) Benzo(b)fluoranthene	24.08	252	134216	5.04	ng/ul#	93
26) Benzo(a)pyrene	24.79	252	85817	3.37	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.73	276	62730	2.14	ng/ul	98
29) Benzo(g,h,i)perylene	28.61	276	69254	2.84	ng/ul	94

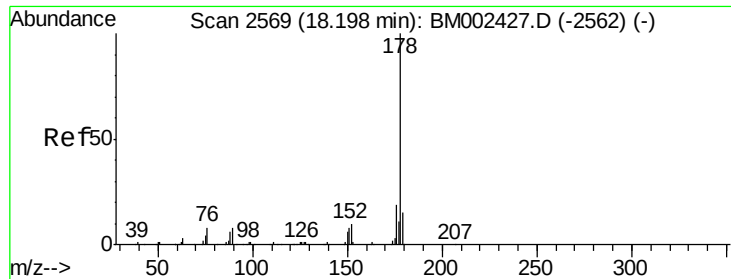
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.01 ng/ul

RT: 18.20 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

D9D93

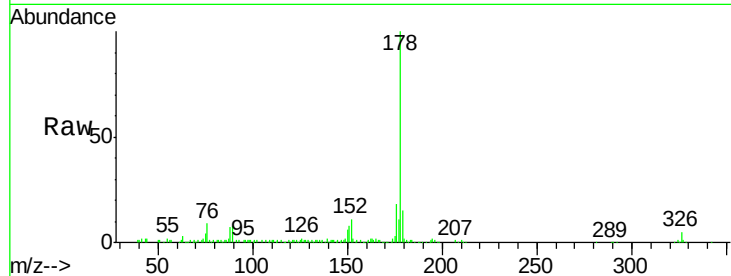
Tot Ion:178 Resp: 160066

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

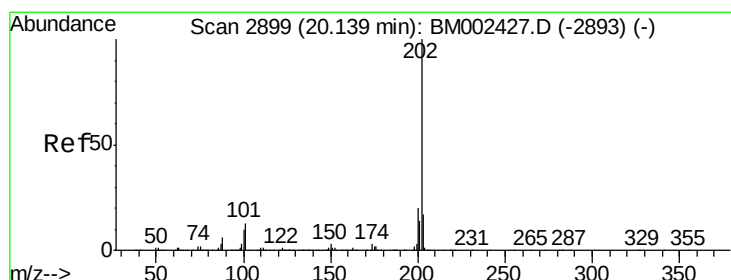
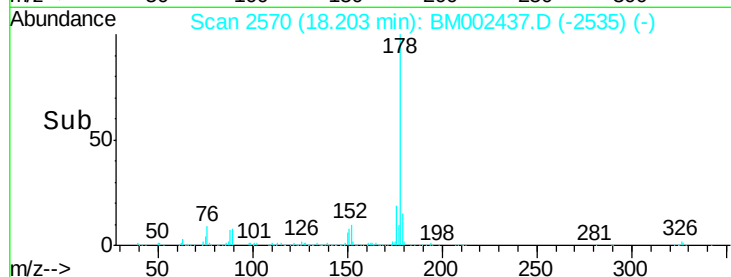
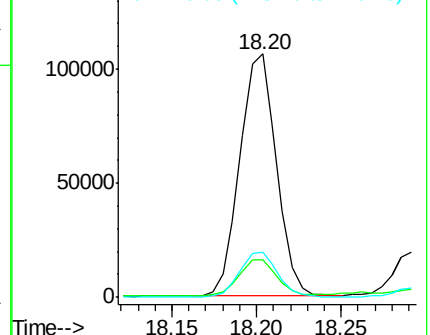
176 18.5 15.1 22.7



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: 5.24 ng/ul

RT: 20.14 min Scan# 2900

Delta R.T. 0.01 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

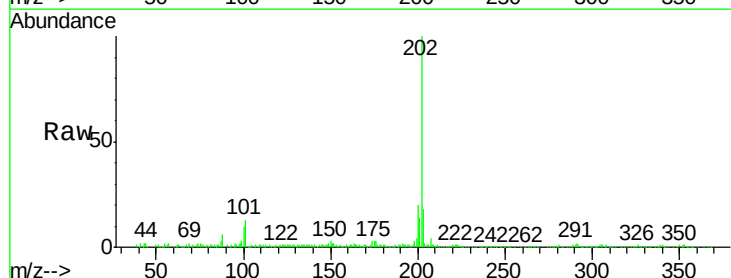
Tgt Ion:202 Resp: 236747

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

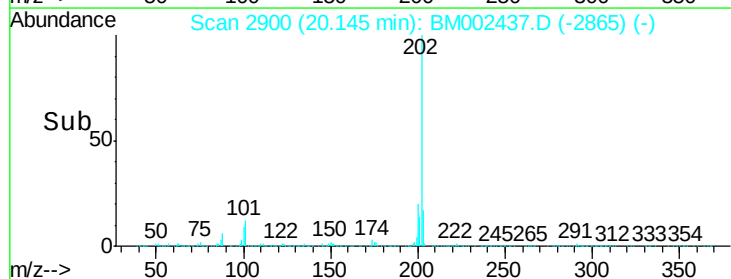
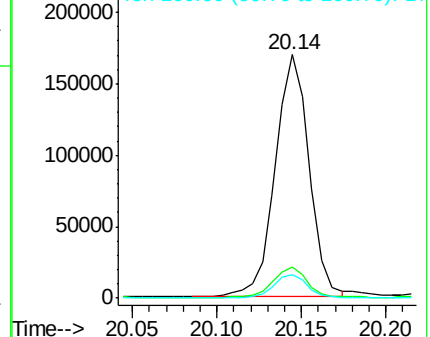
100 9.6 7.4 11.2

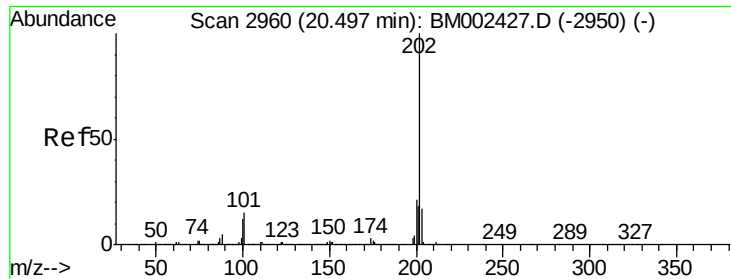


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

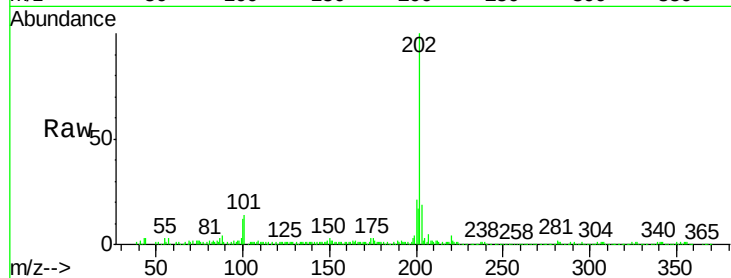




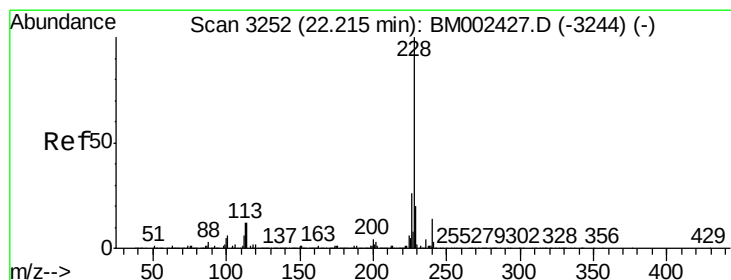
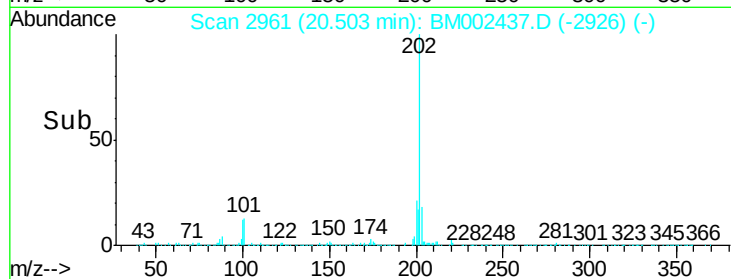
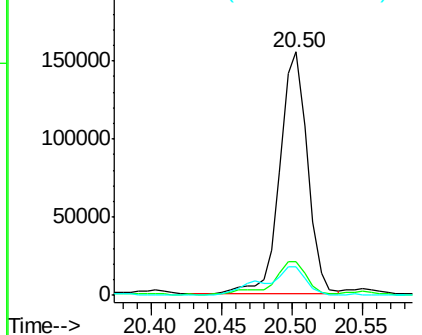
#19
 Pvrene
 Concen: 7.57 ng/ul
 RT: 20.50 min Scan# 2961
 Delta R.T. 0.01 min
 Lab File: BM002437.D
 Acq: 15 Aug 2015 22:40

Instrument :
 BNA_M
 ClientSampleId :
 D9D93

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.0	18.0
100	11.6	9.7	14.5

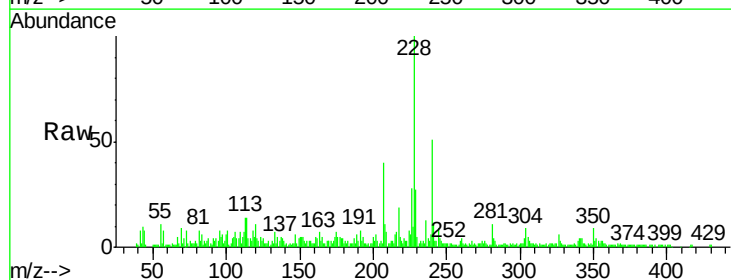


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

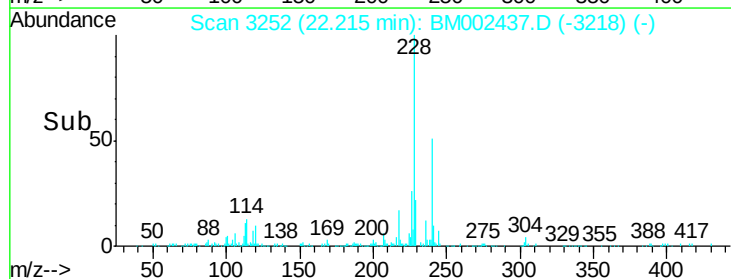
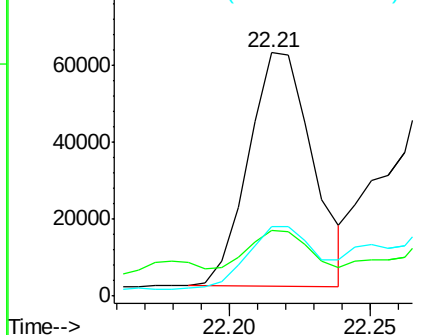


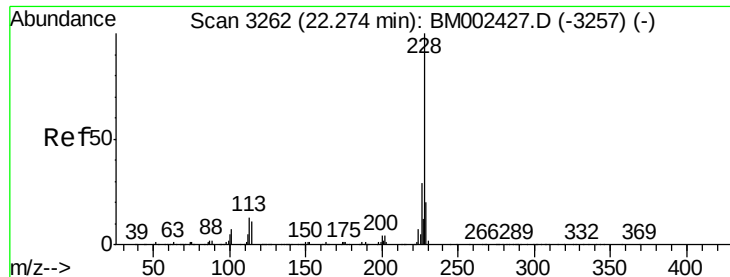
#20
 Benzo(a)anthracene
 Concen: 3.39 ng/ul
 RT: 22.21 min Scan# 3252
 Delta R.T. -0.00 min
 Lab File: BM002437.D
 Acq: 15 Aug 2015 22:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.1	15.8	23.6#
226	28.5	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: 4.87 ng/ul

RT: 22.27 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

D9D93

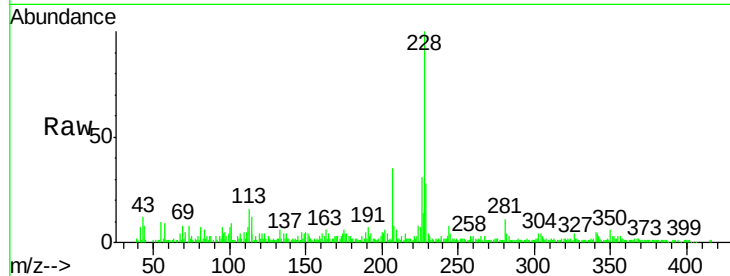
Tot Ion:228 Resp: 129479

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.2

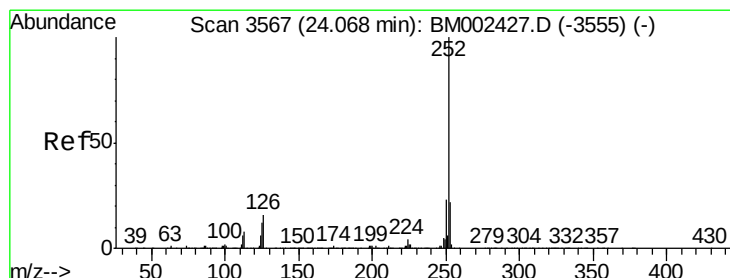
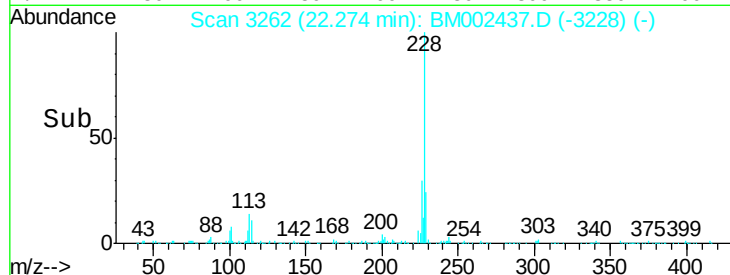
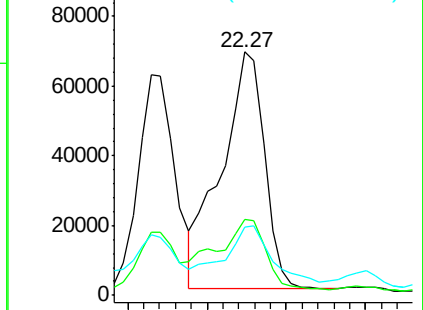
229 28.0 15.7 23.5#



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



#23

Benzo(b)fluoranthene

Concen: 5.04 ng/ul

RT: 24.08 min Scan# 3569

Delta R.T. 0.01 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

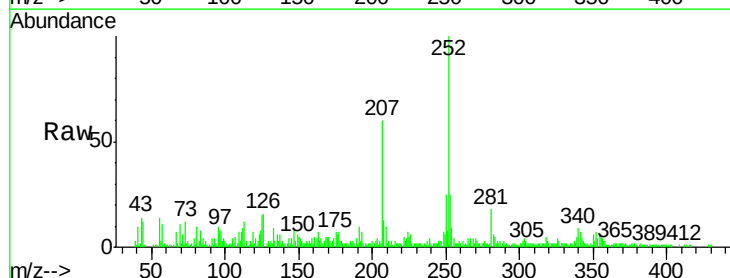
Tgt Ion:252 Resp: 134216

Ion Ratio Lower Upper

252 100

253 24.7 17.4 26.0

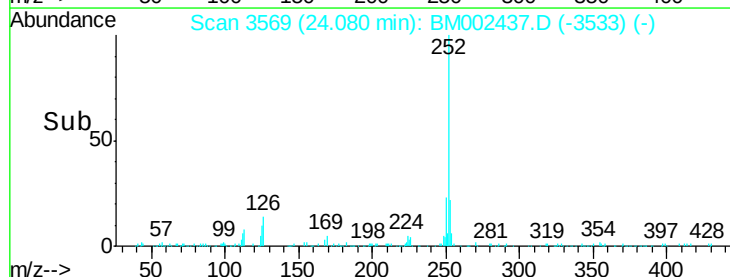
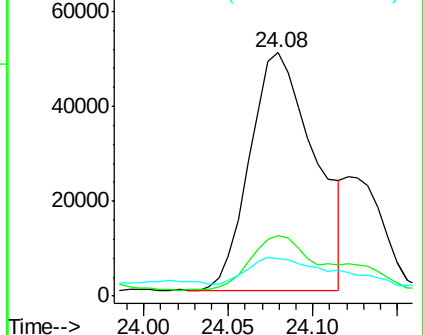
125 15.3 10.0 15.0#

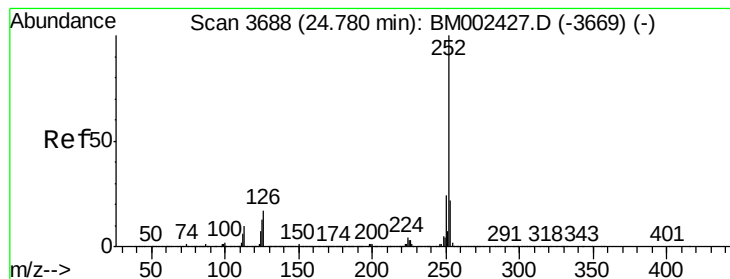


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.37 ng/ul

RT: 24.79 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

D9D93

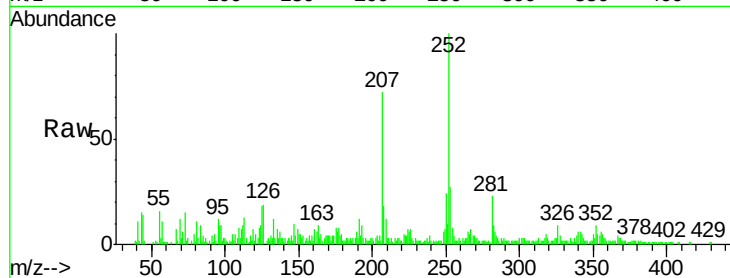
Tot Ion:252 Resp: 85817

Ion Ratio Lower Upper

252 100

253 26.5 17.6 26.4#

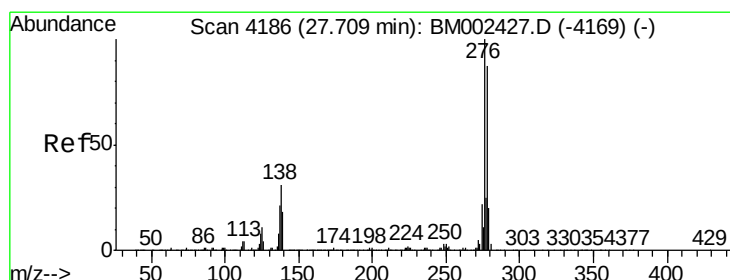
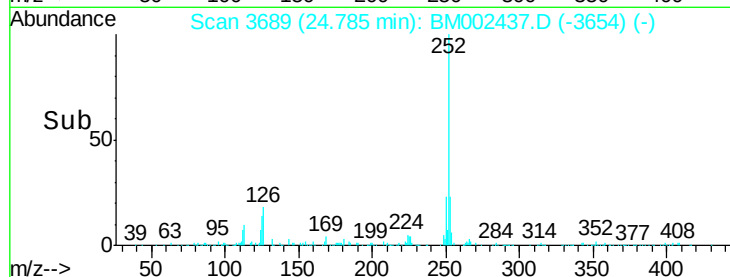
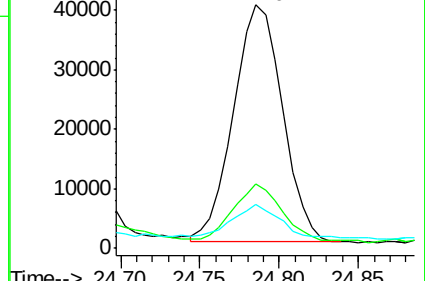
125 18.2 10.7 16.1#



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: 2.14 ng/ul

RT: 27.73 min Scan# 4189

Delta R.T. 0.02 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

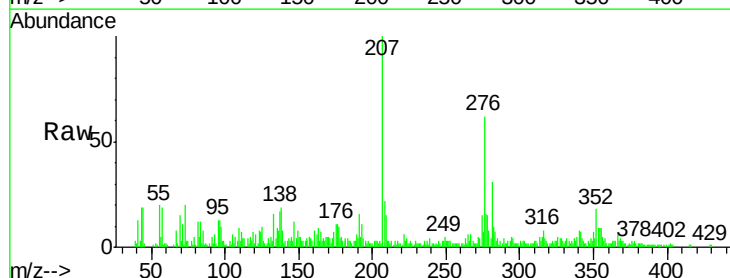
Tgt Ion:276 Resp: 62730

Ion Ratio Lower Upper

276 100

138 31.2 25.3 37.9

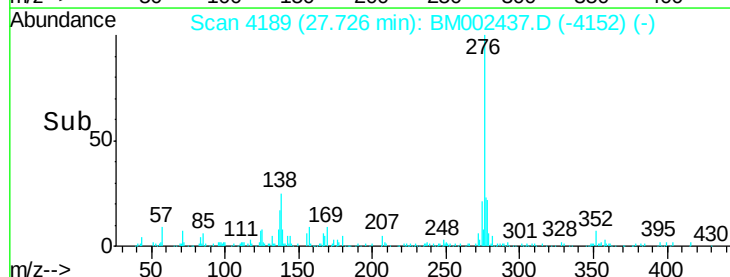
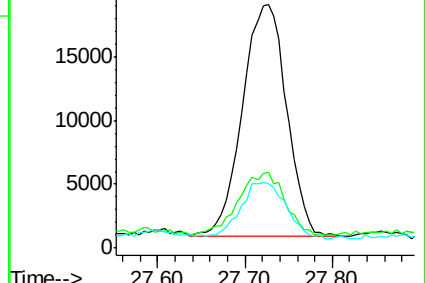
277 26.7 20.2 30.2

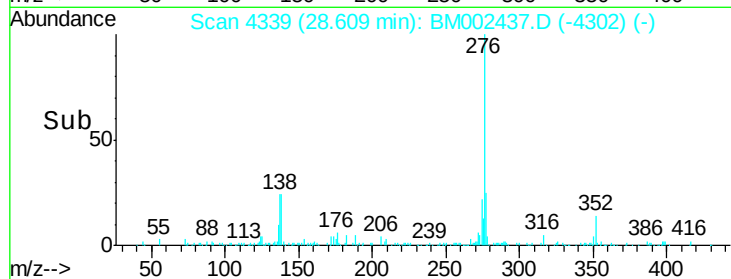
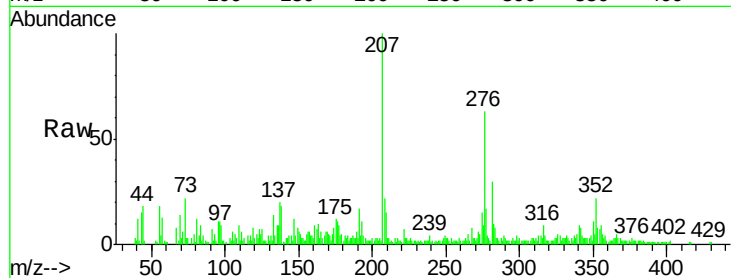
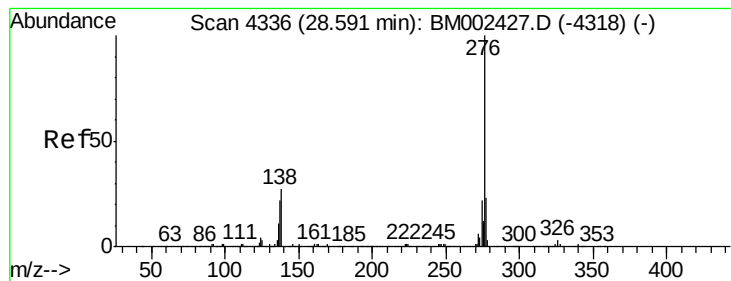


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.84 ng/ul

RT: 28.61 min Scan# 4339

Delta R.T. 0.02 min

Lab File: BM002437.D

Acq: 15 Aug 2015 22:40

Instrument :

BNA_M

ClientSampleId :

D9D93

Tot Ion: 276 Resp: 69254

Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.6

277 27.8 19.2 28.8

