

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002611.D
 Acq On : 01 Sep 2015 04:32
 Operator : UM/IZ
 Sample : G3457-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MS

Quant Time: Sep 01 05:08:24 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

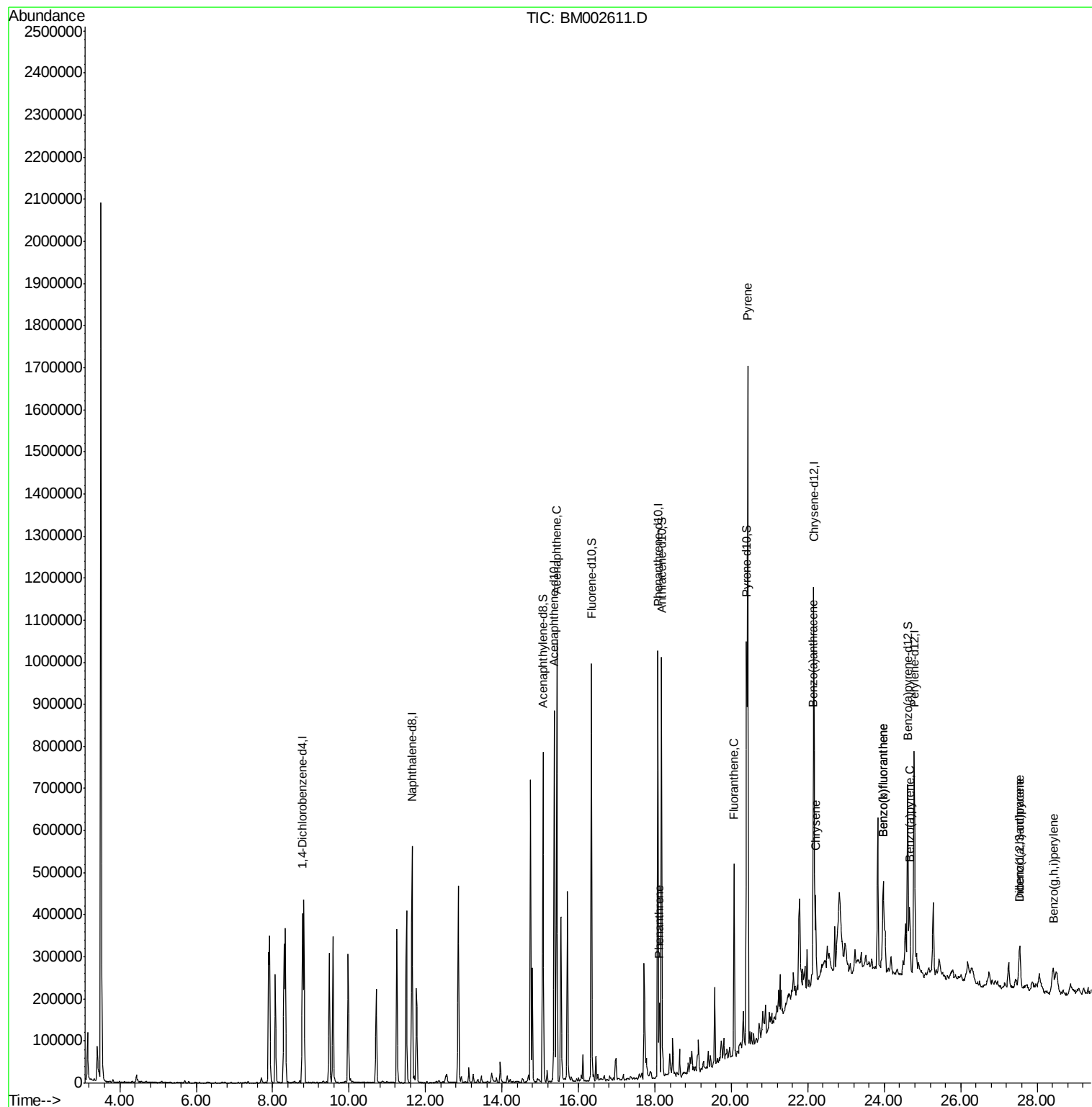
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123703	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	508990	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	300084	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	602472	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	453972	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	432266	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	611486	19.93	ng/ul	0.00
10) Fluorene-d10	16.34	176	404846	18.79	ng/ul	0.00
14) Anthracene-d10	18.17	188	554211	19.07	ng/ul	0.00
18) Pyrene-d10	20.40	212	474230	23.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	357940	15.76	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthene	15.43	153	459232	21.71	ng/ul	99
13) Phenanthrene	18.12	178	111144	3.19	ng/ul	99
16) Fluoranthene	20.07	202	269153	6.83	ng/ul	96
19) Pyrene	20.43	202	948113	35.65	ng/ul	97
20) Benzo(a)anthracene	22.14	228	121852	4.49	ng/ul	97
21) Chrysene	22.20	228	128991	5.08	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	182416	6.98	ng/ul#	95
24) Benzo(k)fluoranthene	23.97	252	52155	2.11	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	113992	4.57	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.55	276	90713	3.16	ng/ul	95
28) Dibenzo(a,h)anthracene	27.54	278	25228	1.05	ng/ul#	72
29) Benzo(g,h,i)perylene	28.41	276	76881	3.22	ng/ul	98

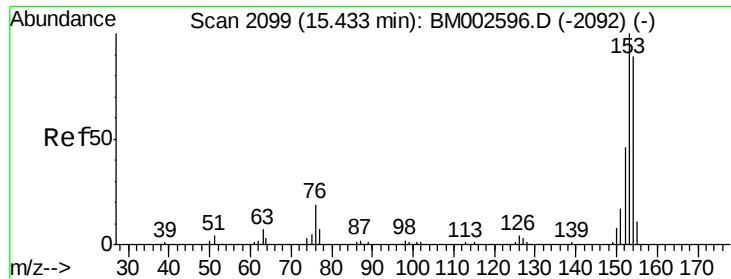
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#9

Acenaphthene

Concen: 21.71 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

D9EA4MS

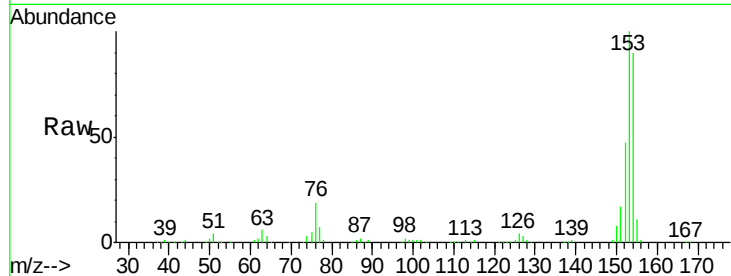
Tgt Ion:153 Resp: 459232

Ion Ratio Lower Upper

153 100

152 47.0 36.9 55.3

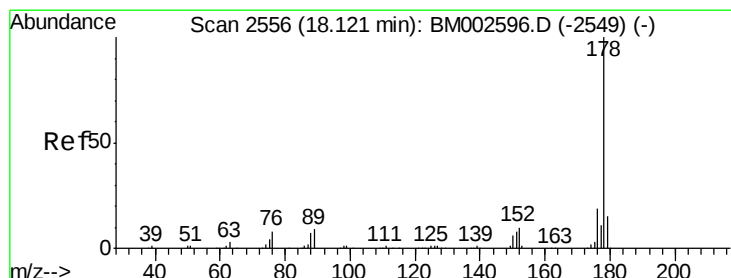
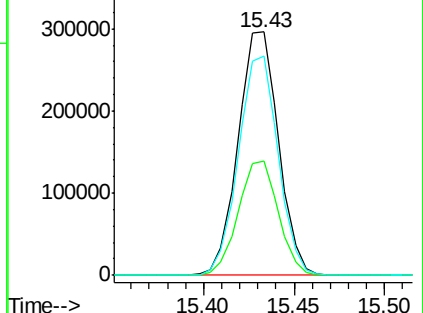
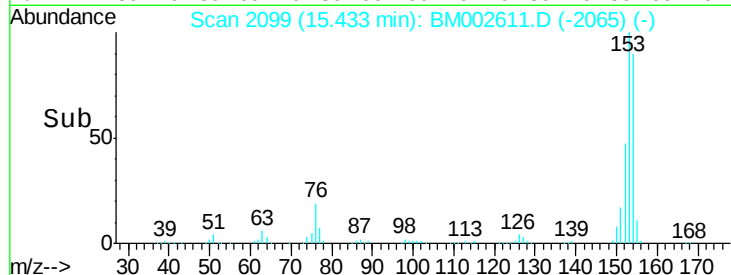
154 90.0 71.3 106.9



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



#13

Phenanthrene

Concen: 3.19 ng/ul

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

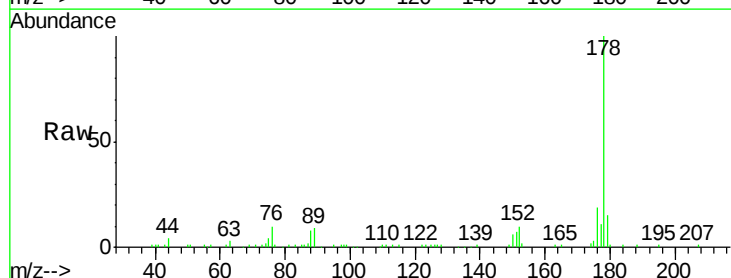
Tgt Ion:178 Resp: 111144

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

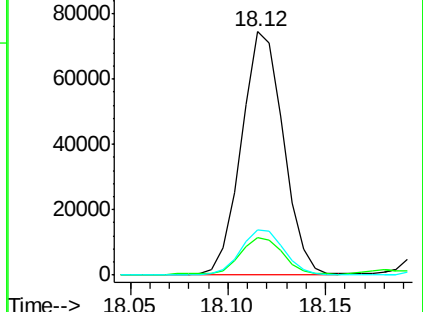
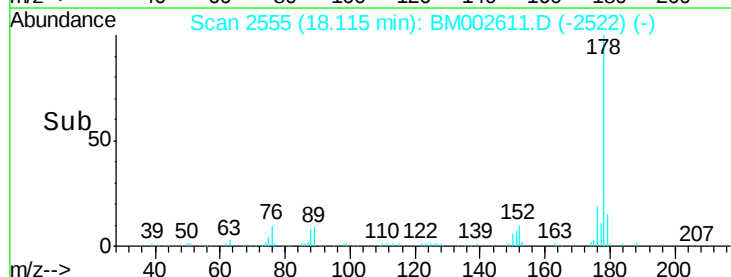
176 18.5 15.1 22.7

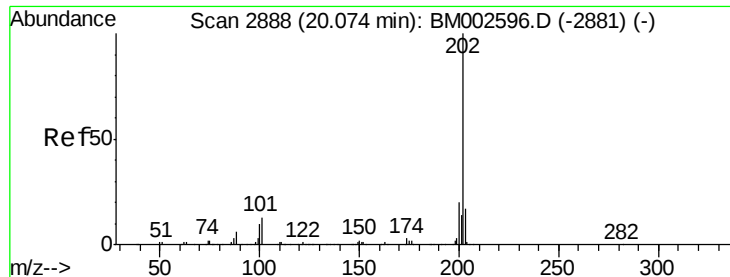


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

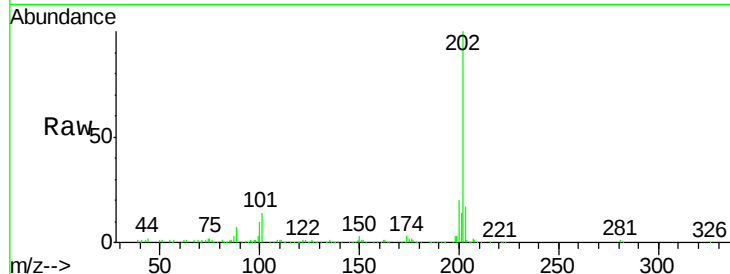




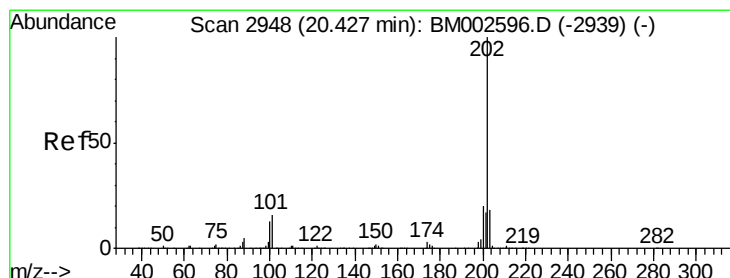
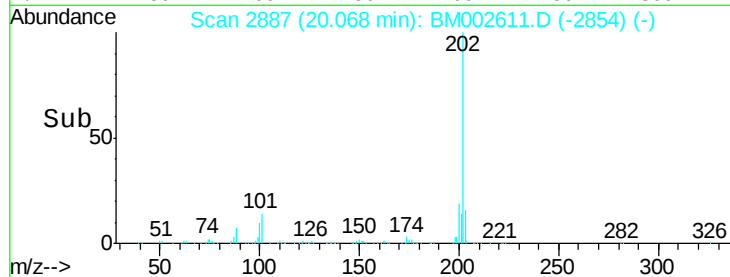
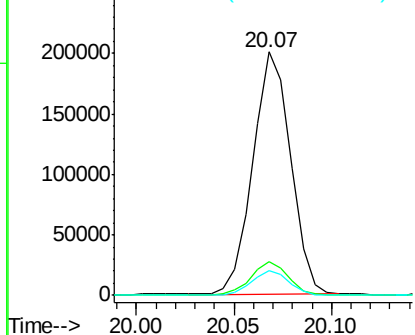
#16
Fluoranthene
 Concen: 6.83 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BM002611.D
 Acq: 01 Sep 2015 04:32

Instrument :
 BNA_M
 ClientSampled :
 D9EA4MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.7	14.5
100	10.3	7.4	11.2

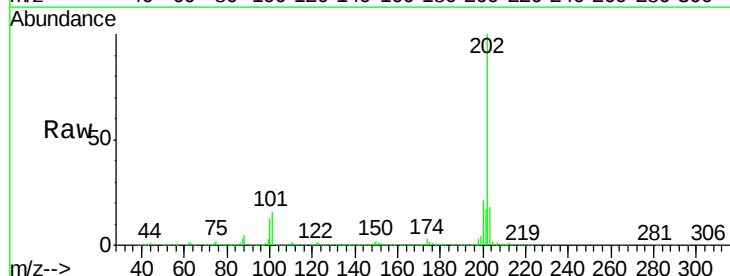


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

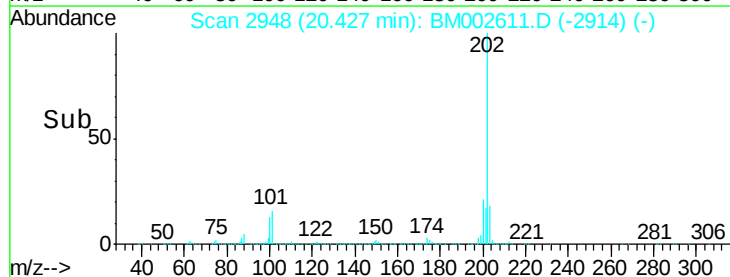
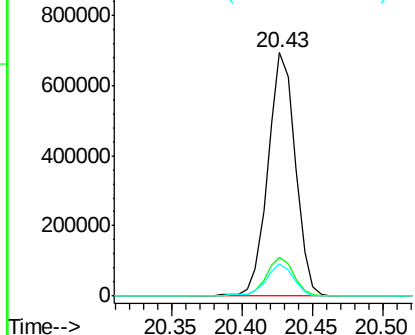


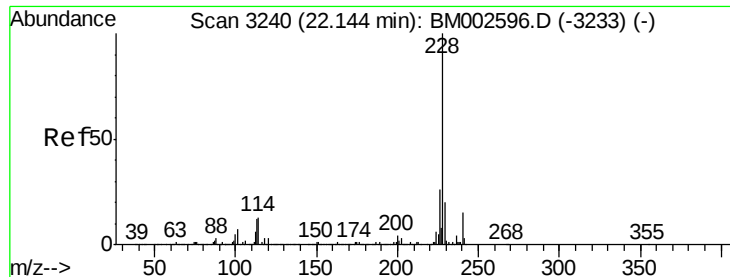
#19
Pyrene
 Concen: 35.65 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002611.D
 Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.0	18.0
100	13.2	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: 4.49 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampled :

D9EA4MS

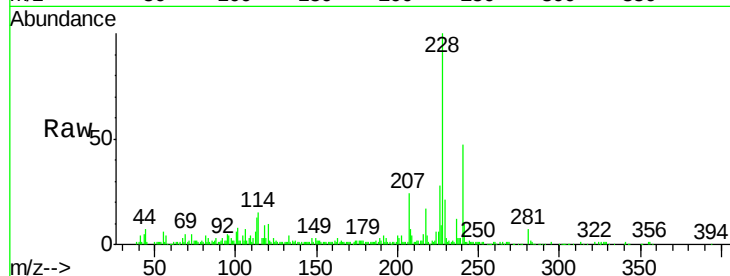
Tgt Ion:228 Resp: 121852

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

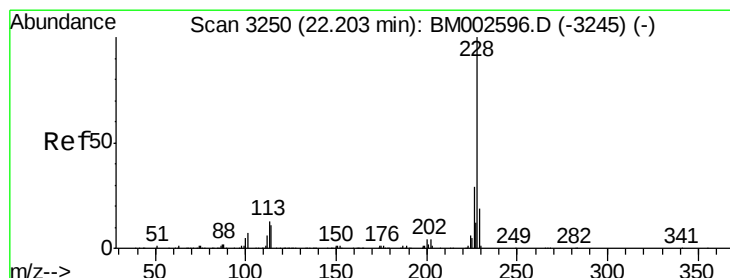
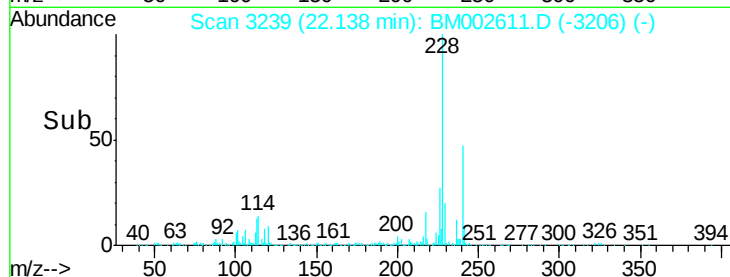
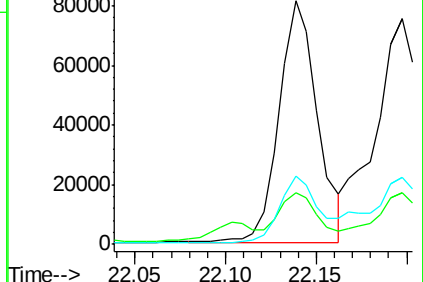
226 27.9 21.1 31.7



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: 5.08 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

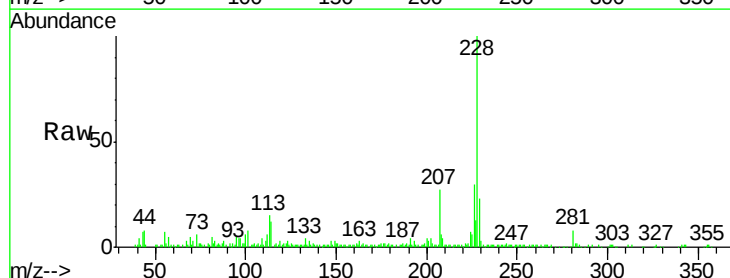
Tgt Ion:228 Resp: 128991

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

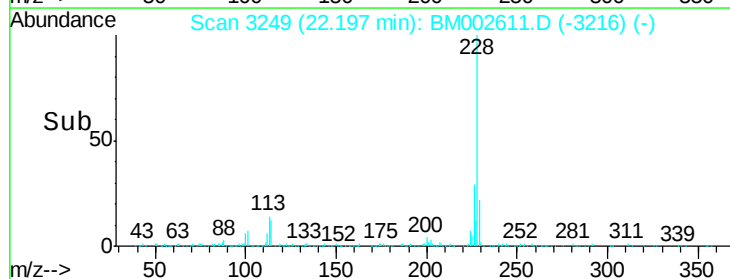
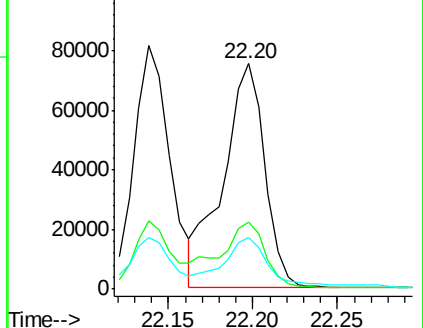
229 23.2 15.7 23.5

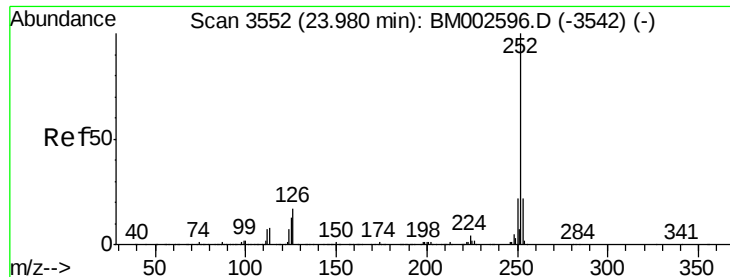


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 6.98 ng/u1

RT: 23.97 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

D9EA4MS

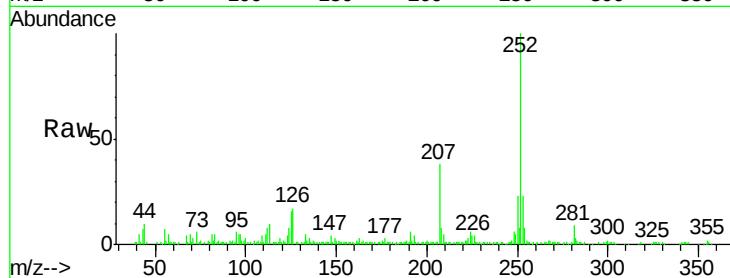
Tgt Ion:252 Resp: 182416

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

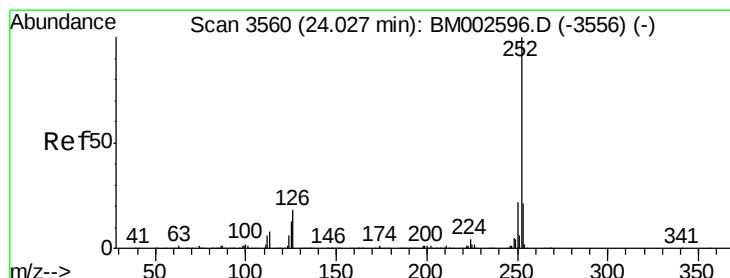
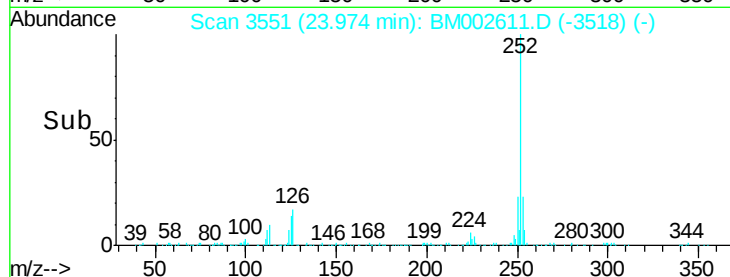
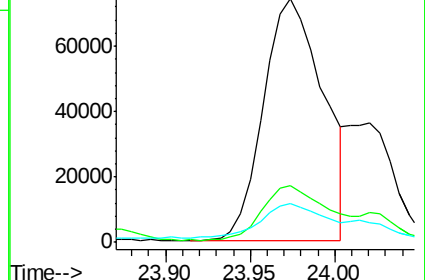
125 15.7 10.0 15.0#



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



#24

Benzo(k)fluoranthene

Concen: 2.11 ng/u1

RT: 23.97 min Scan# 3551

Delta R.T. -0.05 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

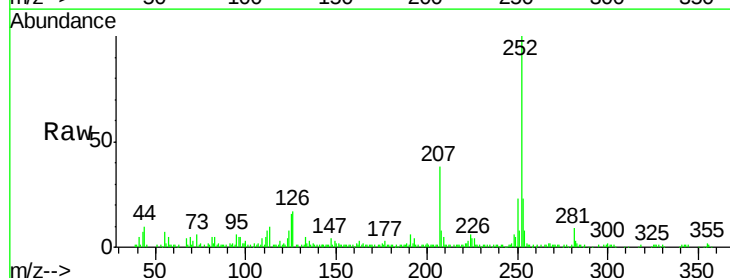
Tgt Ion:252 Resp: 52155

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

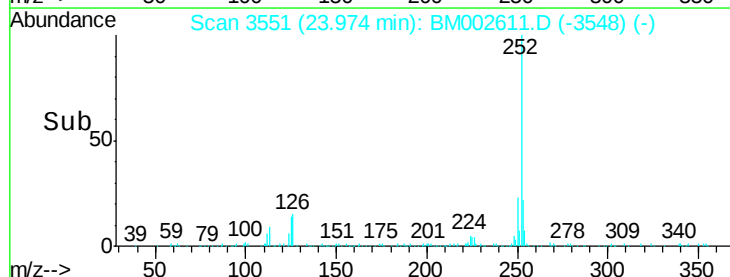
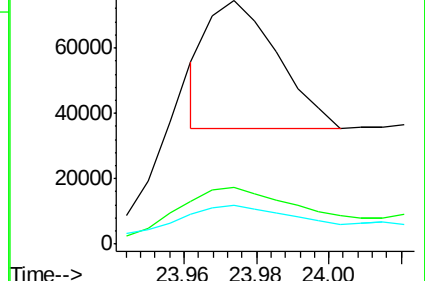
125 15.7 9.8 14.8#

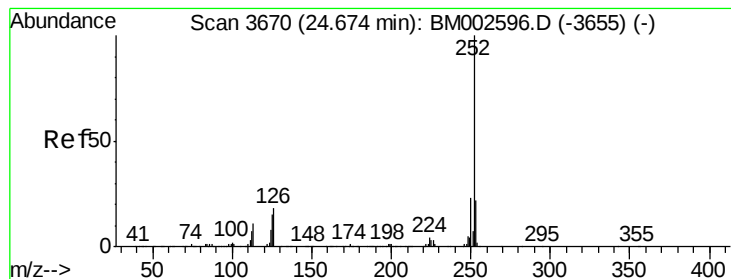


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.57 ng/ul

RT: 24.67 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

D9EA4MS

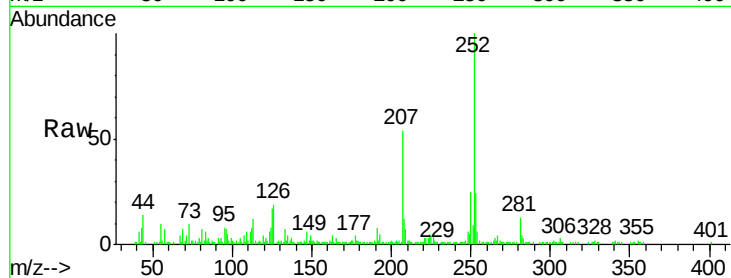
Tgt Ion:252 Resp: 113992

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

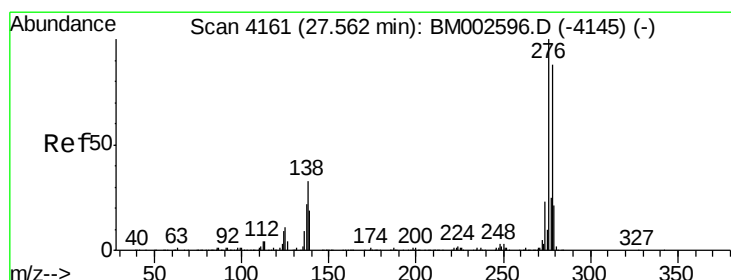
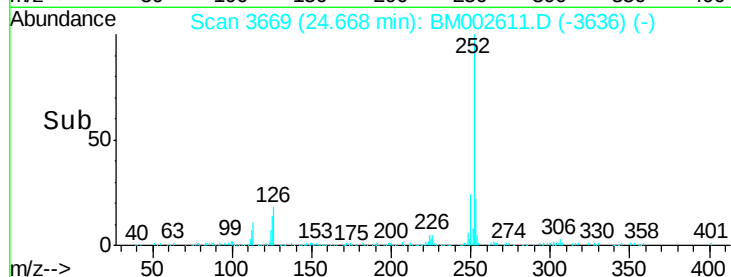
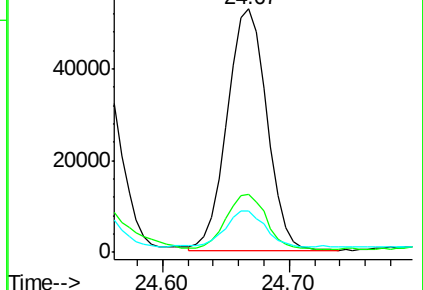
125 16.8 10.7 16.1#



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: 3.16 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

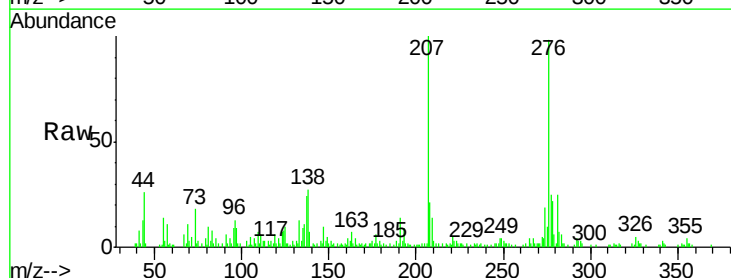
Tgt Ion:276 Resp: 90713

Ion Ratio Lower Upper

276 100

138 27.4 25.3 37.9

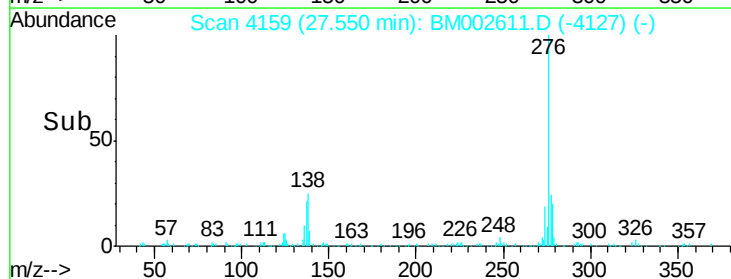
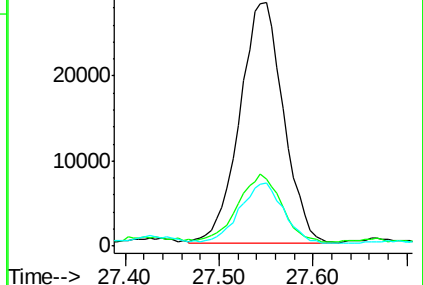
277 25.8 20.2 30.2

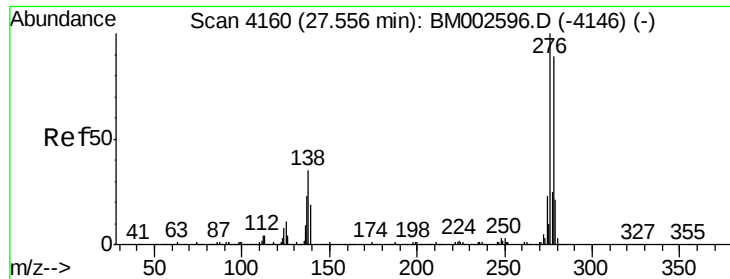


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.05 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

D9EA4MS

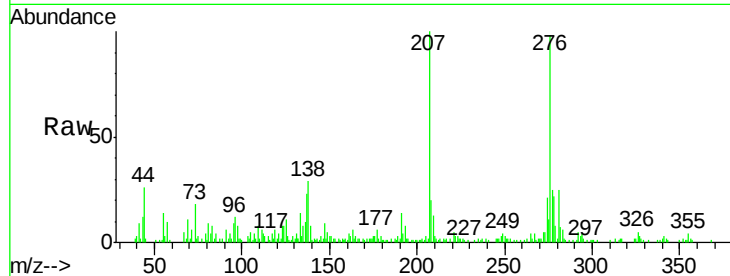
Tgt Ion:278 Resp: 25228

Ion Ratio Lower Upper

278 100

139 36.6 16.5 24.7#

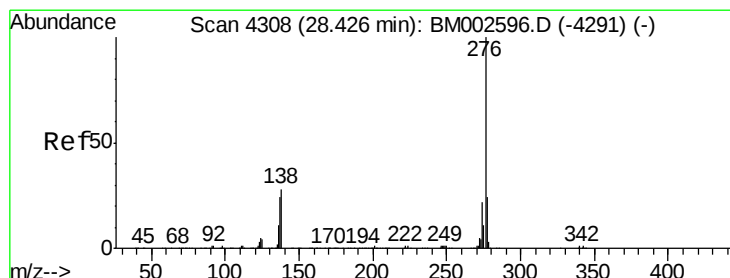
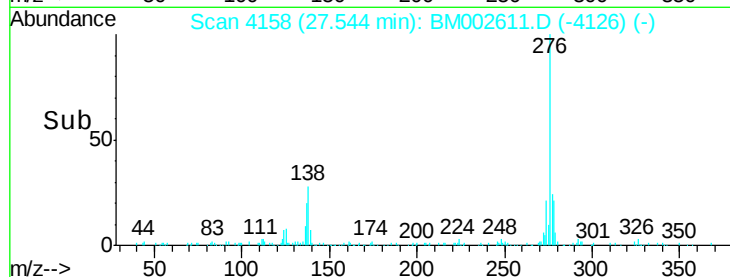
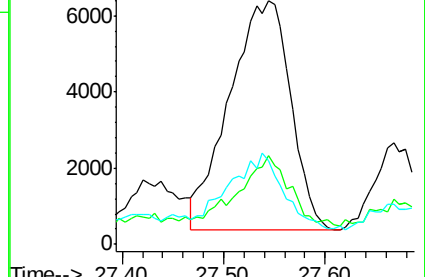
279 34.2 18.8 28.2#



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



#29

Benzo(g,h,i)perylene

Concen: 3.22 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

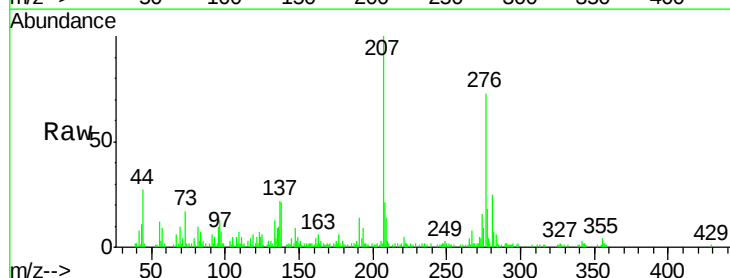
Tgt Ion:276 Resp: 76881

Ion Ratio Lower Upper

276 100

138 28.0 21.0 31.6

277 24.0 19.2 28.8



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

