

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002413.D
 Acq On : 15 Aug 2015 07:56
 Operator : UM/IZ
 Sample : G3219-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB3

Quant Time: Aug 17 02:55:44 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

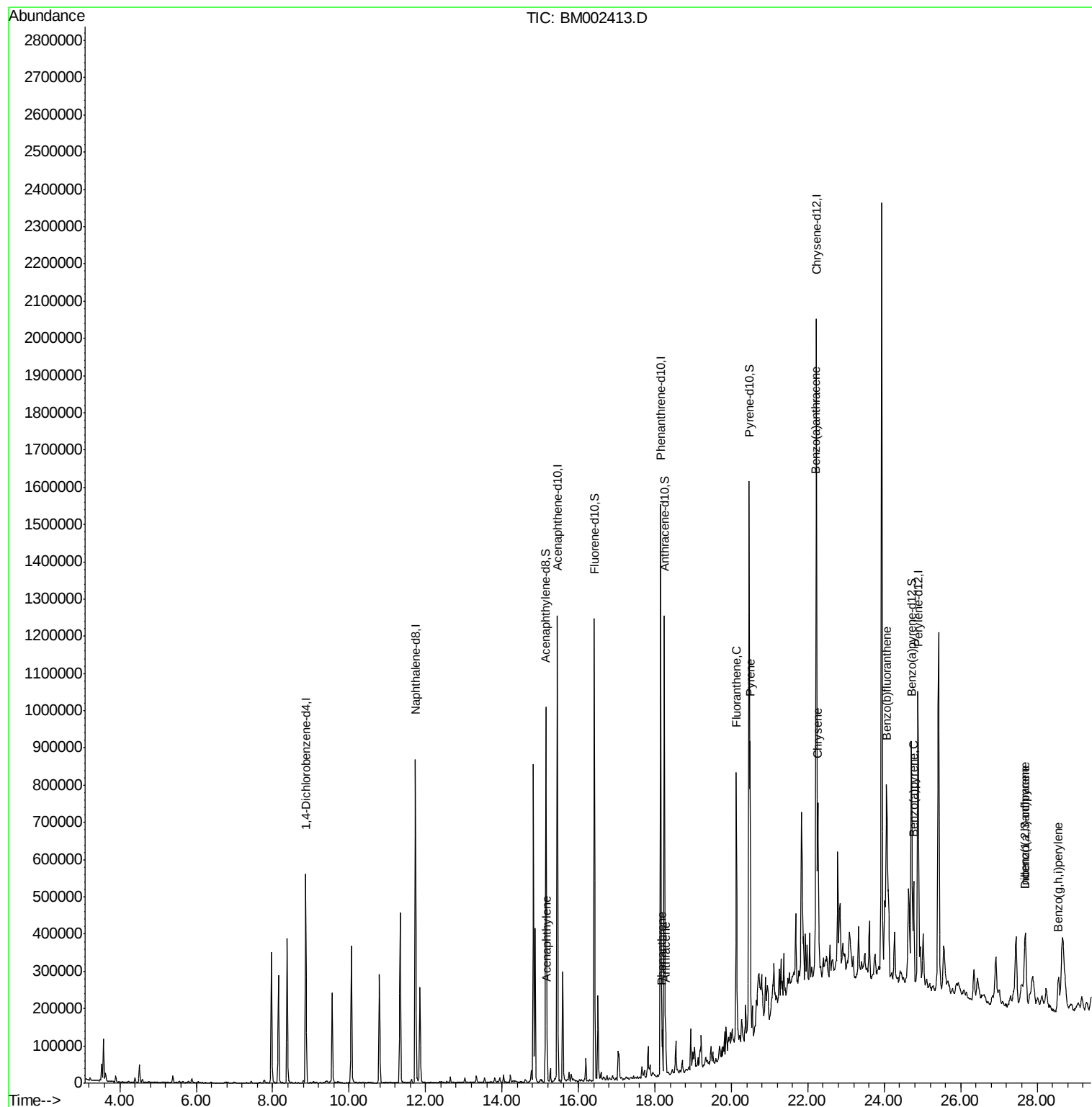
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	170932	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	816074	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	434629	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	910248	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	839576	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	647747	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	757496	17.05	ng/ul	0.00
10) Fluorene-d10	16.42	176	508409	16.29	ng/ul	0.00
14) Anthracene-d10	18.24	188	719884	16.40	ng/ul	0.00
18) Pyrene-d10	20.46	212	740338	19.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	552132	16.23	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	15.18	152	80848	1.74	ng/ul	98
13) Phenanthrene	18.19	178	72285	1.38	ng/ul	99
15) Anthracene	18.28	178	72910	1.37	ng/ul	99
16) Fluoranthene	20.13	202	440162	7.40	ng/ul	98
19) Pyrene	20.49	202	427062	8.68	ng/ul	100
20) Benzo(a)anthracene	22.21	228	321715	6.41	ng/ul	98
21) Chrysene	22.27	228	300945	6.41	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	444596	11.35	ng/ul	96
26) Benzo(a)pyrene	24.77	252	210412	5.63	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.69	276	153446	3.57	ng/ul	94
28) Dibenzo(a,h)anthracene	27.68	278	41751	1.16	ng/ul#	87
29) Benzo(g,h,i)perylene	28.56	276	124223	3.47	ng/ul	96

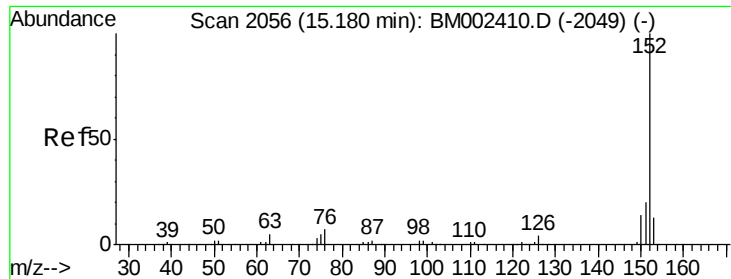
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.74 ng/ul

RT: 15.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

Instrument :

BNA_M

ClientSampleId :

D9DB3

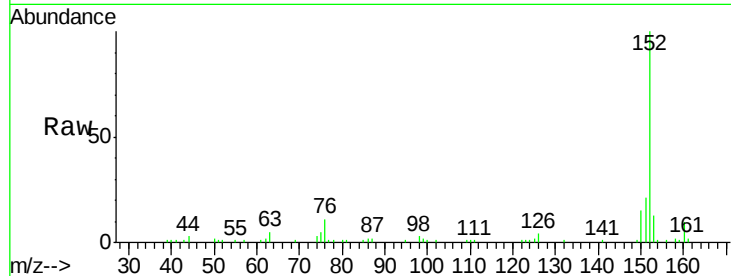
Tot Ion:152 Resp: 80848

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

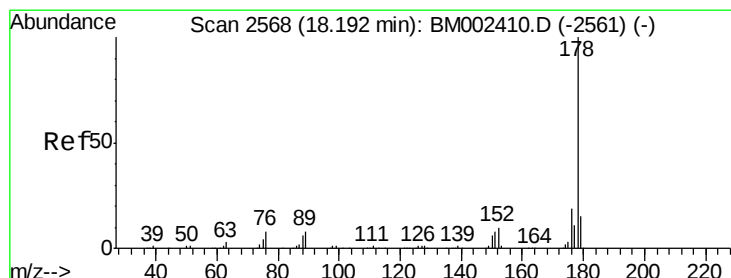
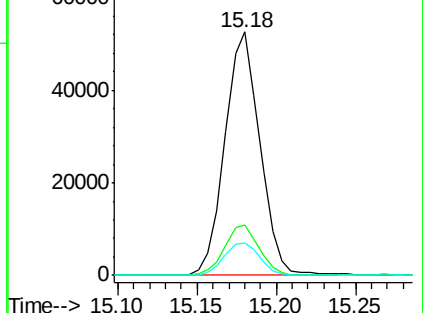
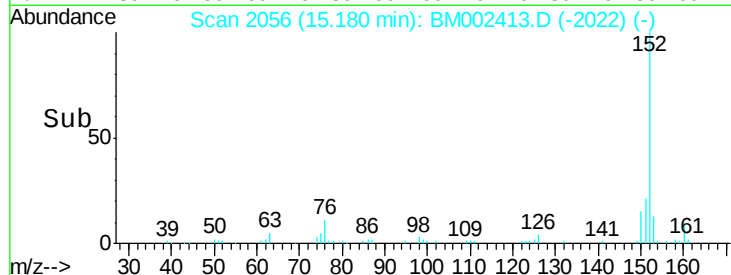
153 13.1 10.2 15.4



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



#13

Phenanthrene

Concen: 1.38 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

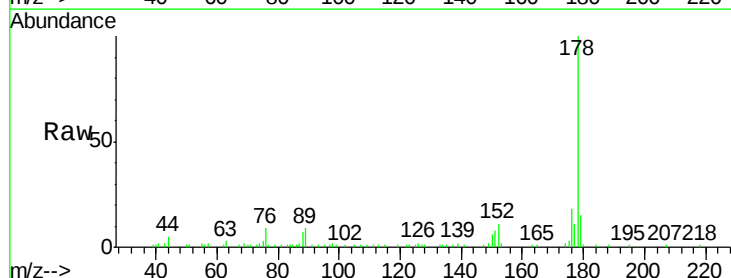
Tgt Ion:178 Resp: 72285

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

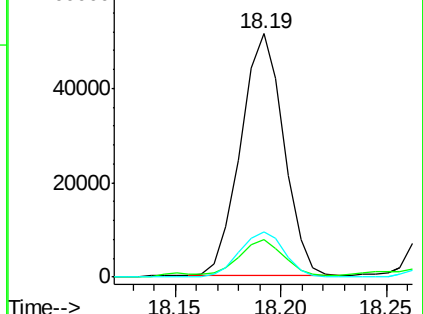
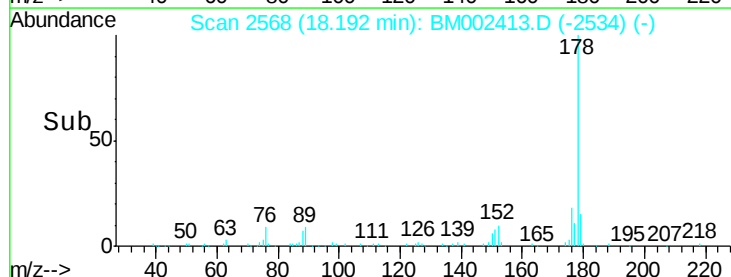
176 18.4 15.1 22.7

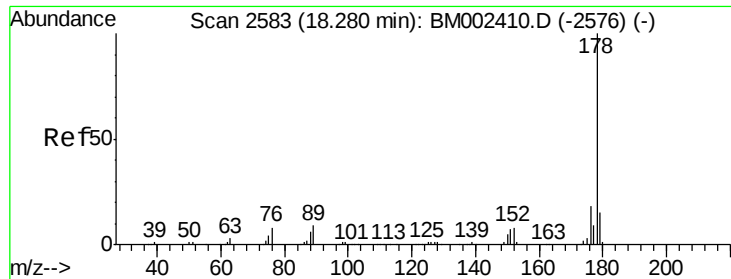


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.37 ng/ul

RT: 18.28 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

Instrument :

BNA_M

ClientSampleId :

D9DB3

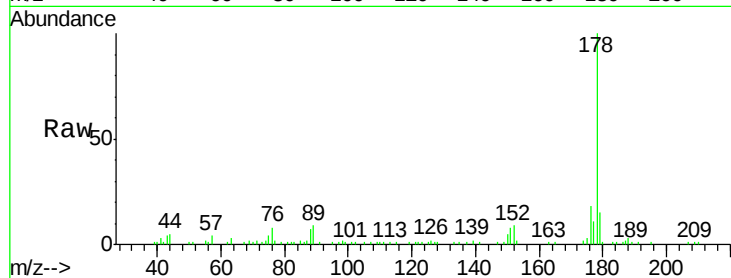
Tot Ion:178 Resp: 72910

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

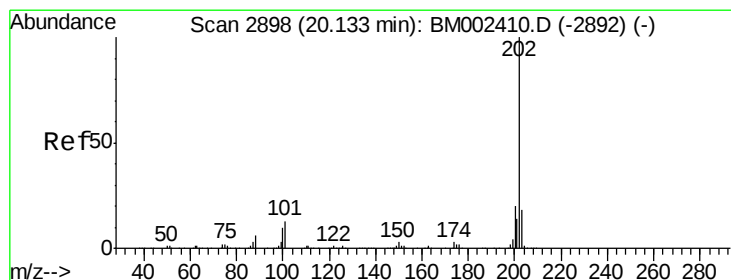
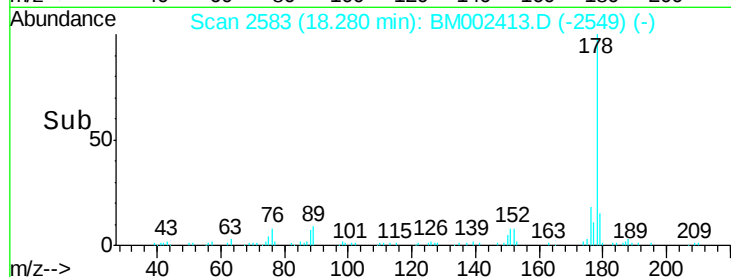
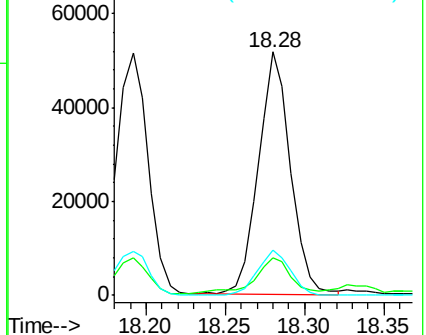
176 18.3 14.5 21.7



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: 7.40 ng/ul

RT: 20.13 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

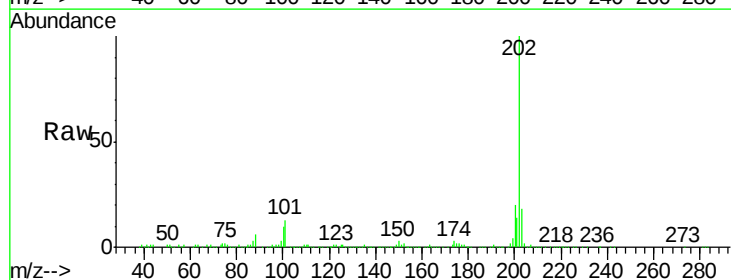
Tgt Ion:202 Resp: 440162

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

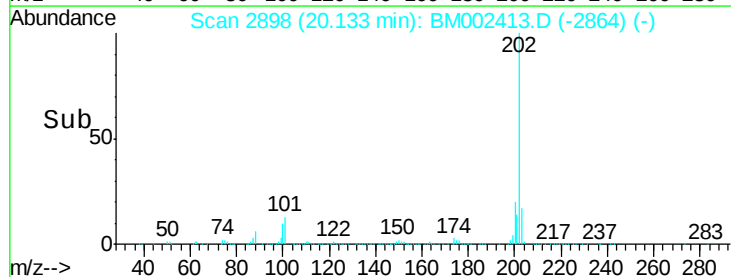
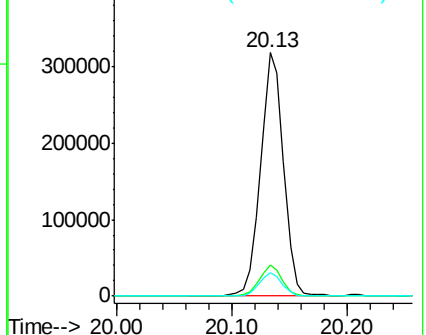
100 9.6 7.4 11.2

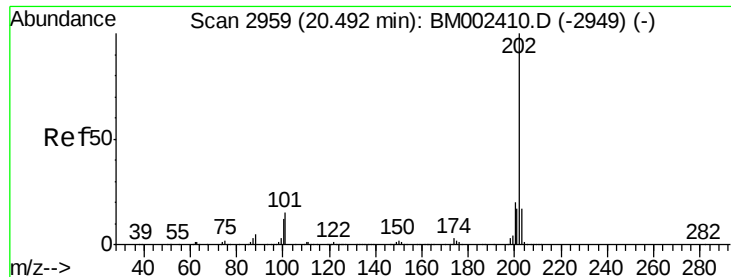


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

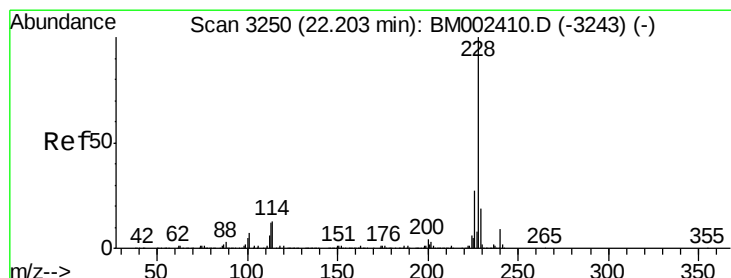
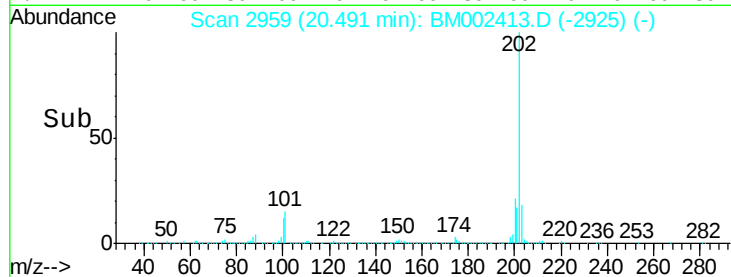
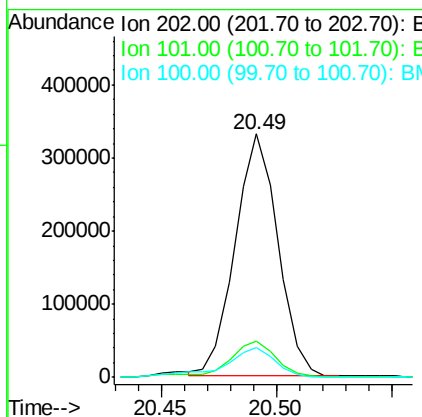
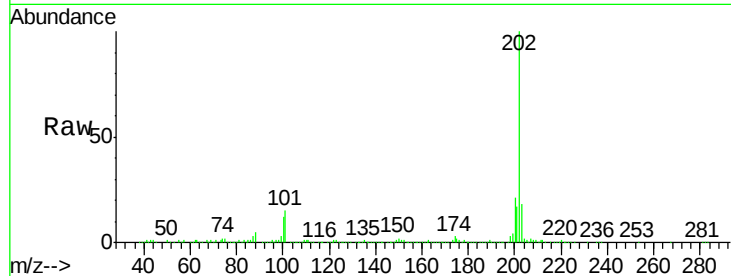




#19
Pvrene
Concen: 8.68 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

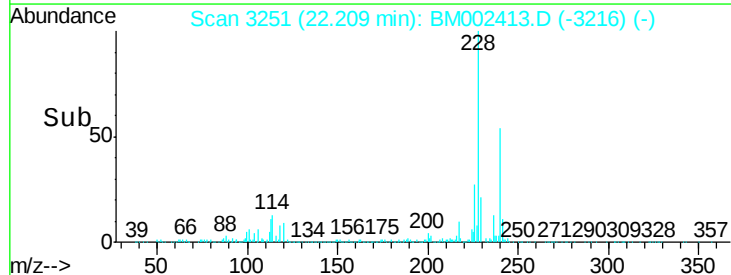
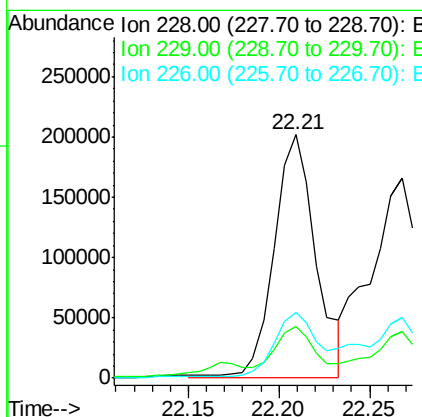
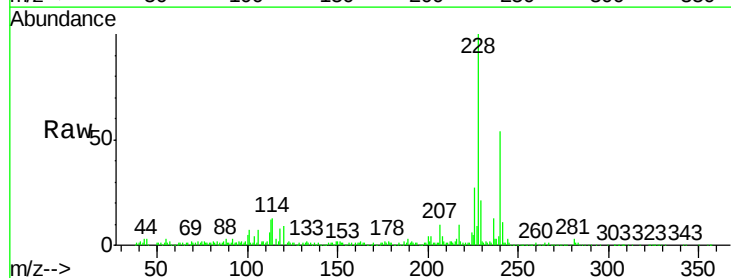
Instrument :
BNA_M
ClientSampleId :
D9DB3

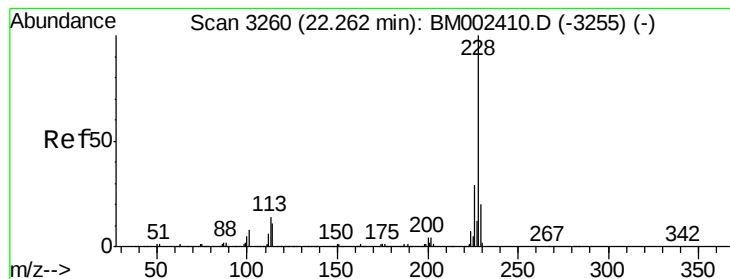
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	12.1	9.7	14.5



#20
Benzo(a)anthracene
Concen: 6.41 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	27.2	21.1	31.7





#21

Chrysene

Concen: 6.41 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. 0.01 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

Instrument :

BNA_M

ClientSampleId :

D9DB3

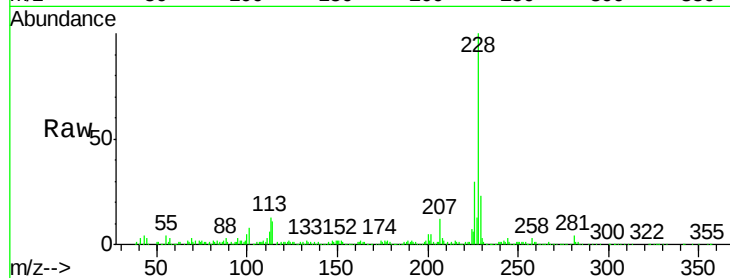
Tot Ion:228 Resp: 300945

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.2

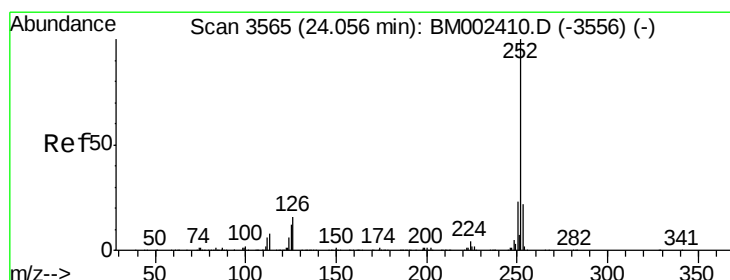
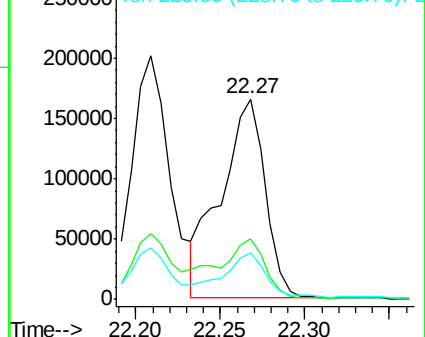
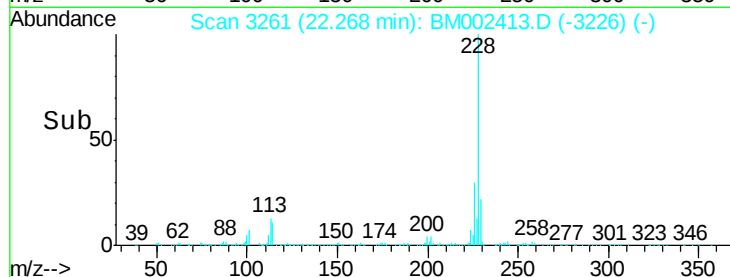
229 23.2 15.7 23.5



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: 11.35 ng/ul

RT: 24.06 min Scan# 3566

Delta R.T. 0.01 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

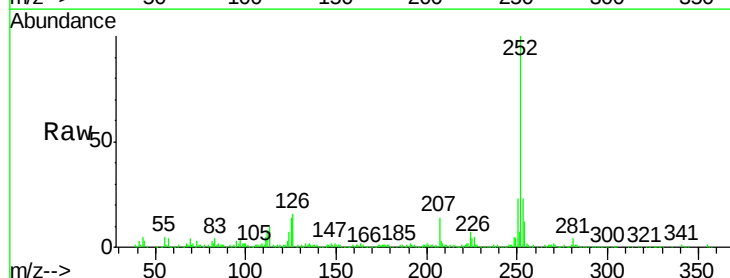
Tgt Ion:252 Resp: 444596

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

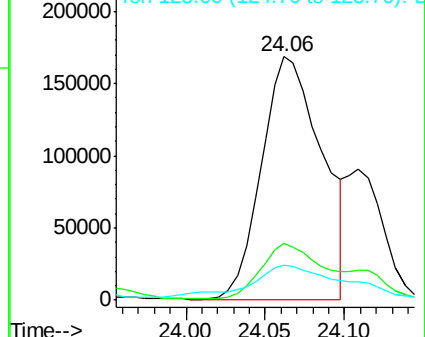
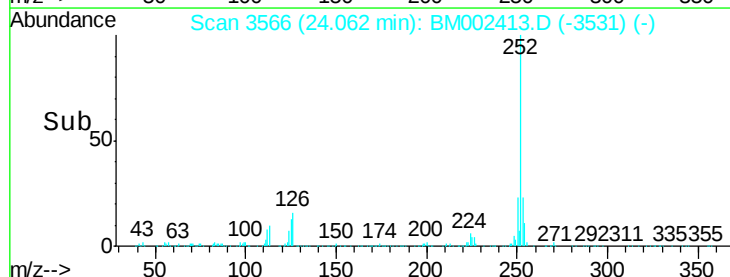
125 14.4 10.0 15.0

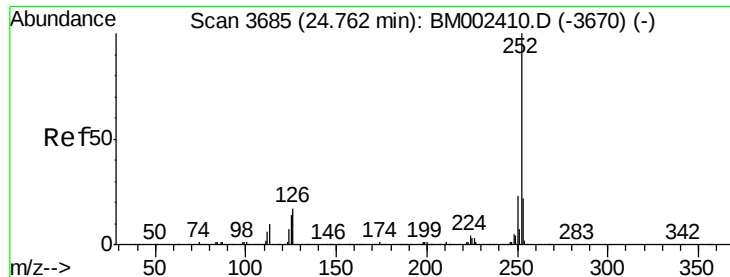


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 5.63 ng/ul

RT: 24.77 min Scan# 3686

Delta R.T. 0.01 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

Instrument :

BNA_M

ClientSampleId :

D9DB3

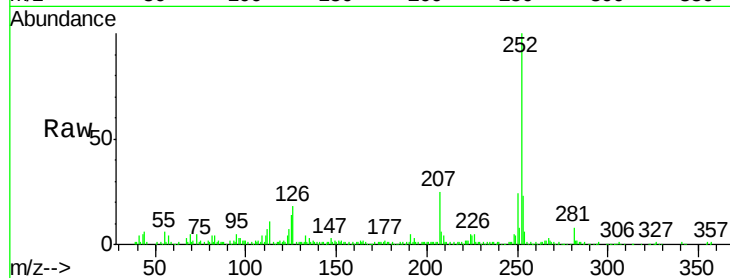
Tot Ion:252 Resp: 210412

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

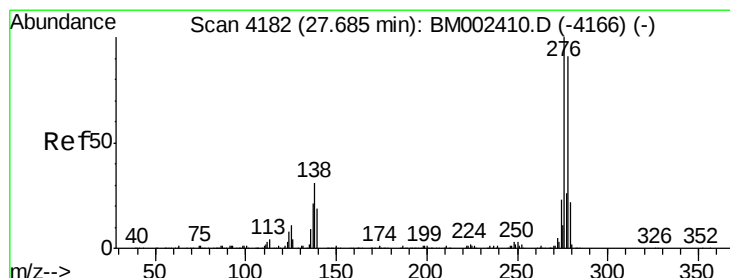
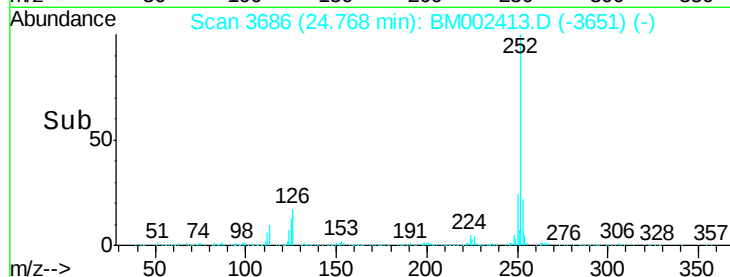
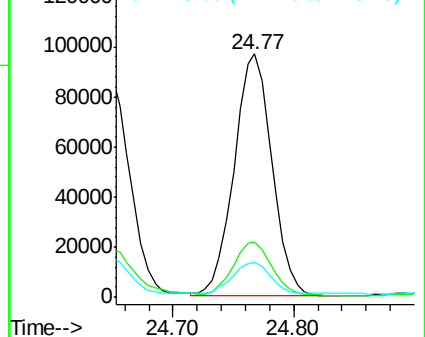
125 14.3 10.7 16.1



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: 3.57 ng/ul

RT: 27.69 min Scan# 4182

Delta R.T. -0.00 min

Lab File: BM002413.D

Acq: 15 Aug 2015 07:56

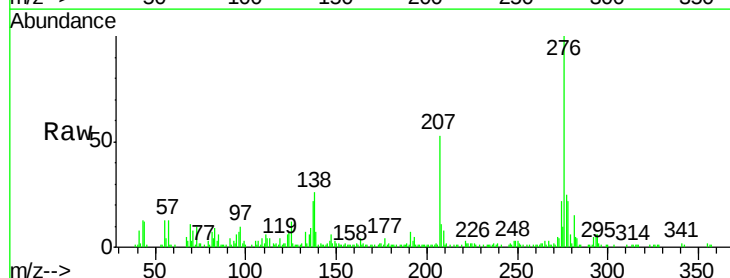
Tgt Ion:276 Resp: 153446

Ion Ratio Lower Upper

276 100

138 25.7 25.3 37.9

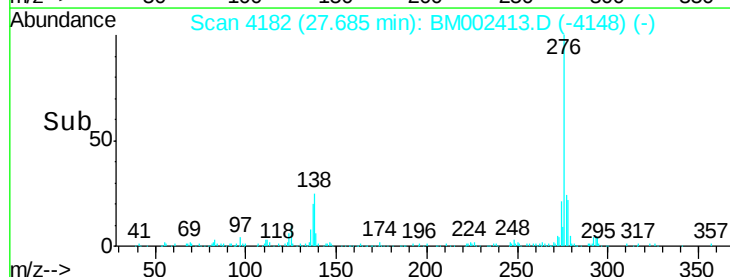
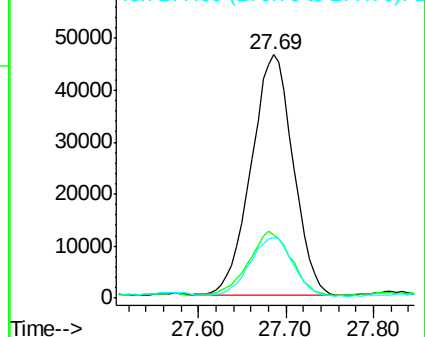
277 24.9 20.2 30.2

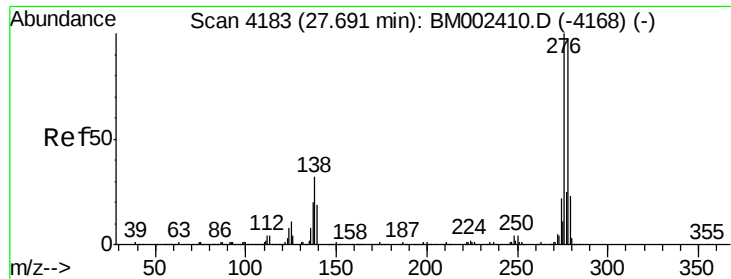


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

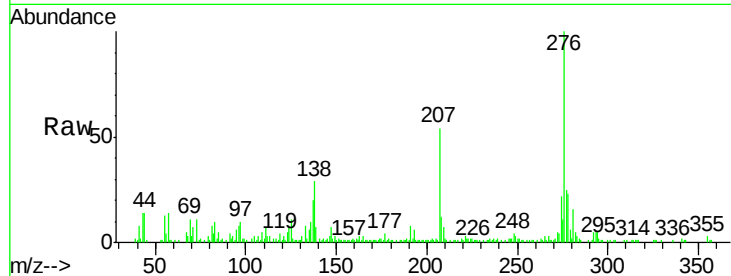




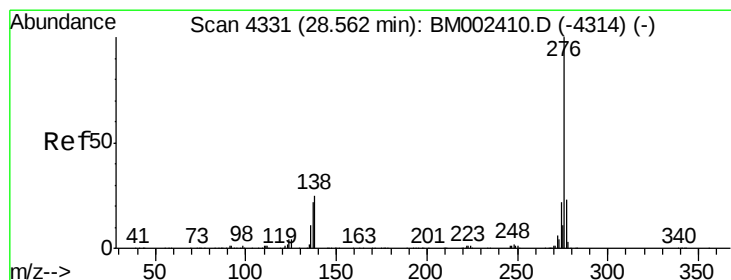
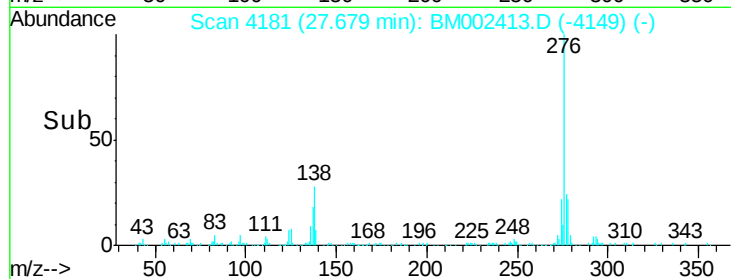
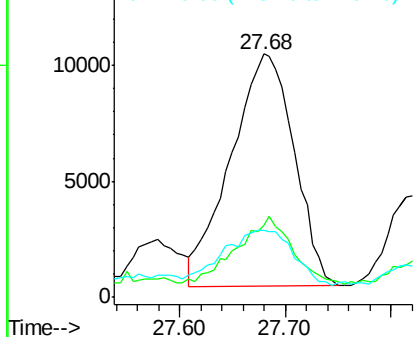
#28
Dibenzo(a,h)anthracene
Concen: 1.16 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :
D9DB3

Tot Ion:278 Resp: 41751
Ion Ratio Lower Upper
278 100
139 29.5 16.5 24.7#
279 27.6 18.8 28.2

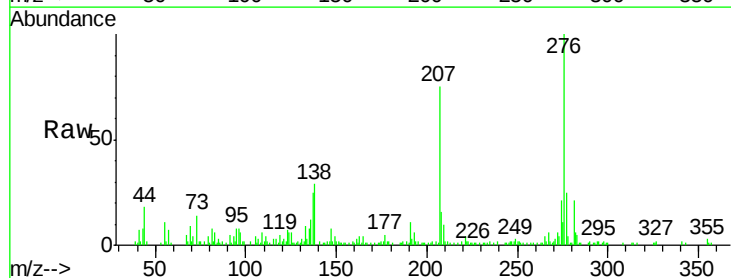


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#29
Benzo(g,h,i)perylene
Concen: 3.47 ng/ul
RT: 28.56 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:276 Resp: 124223
Ion Ratio Lower Upper
276 100
138 29.5 21.0 31.6
277 25.2 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

