

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
 Data File : BM002483.D
 Acq On : 18 Aug 2015 13:21
 Operator : UM/IZ
 Sample : G3227-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DC9DL

Quant Time: Aug 18 17:52:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 03:02:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	121192	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	550764	20.00	ng/ul	-0.01
6) Acenaphthene-d10	15.46	164	283275	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	558060	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	384750	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	366774	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.16	160	91485	3.16	ng/ul	0.00
10) Fluorene-d10	16.43	176	63438	3.12	ng/ul	0.00
14) Anthracene-d10	18.26	188	87077	3.23	ng/ul	0.00
18) Pyrene-d10	20.48	212	73689	4.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	56903	2.95	ng/ul	0.00

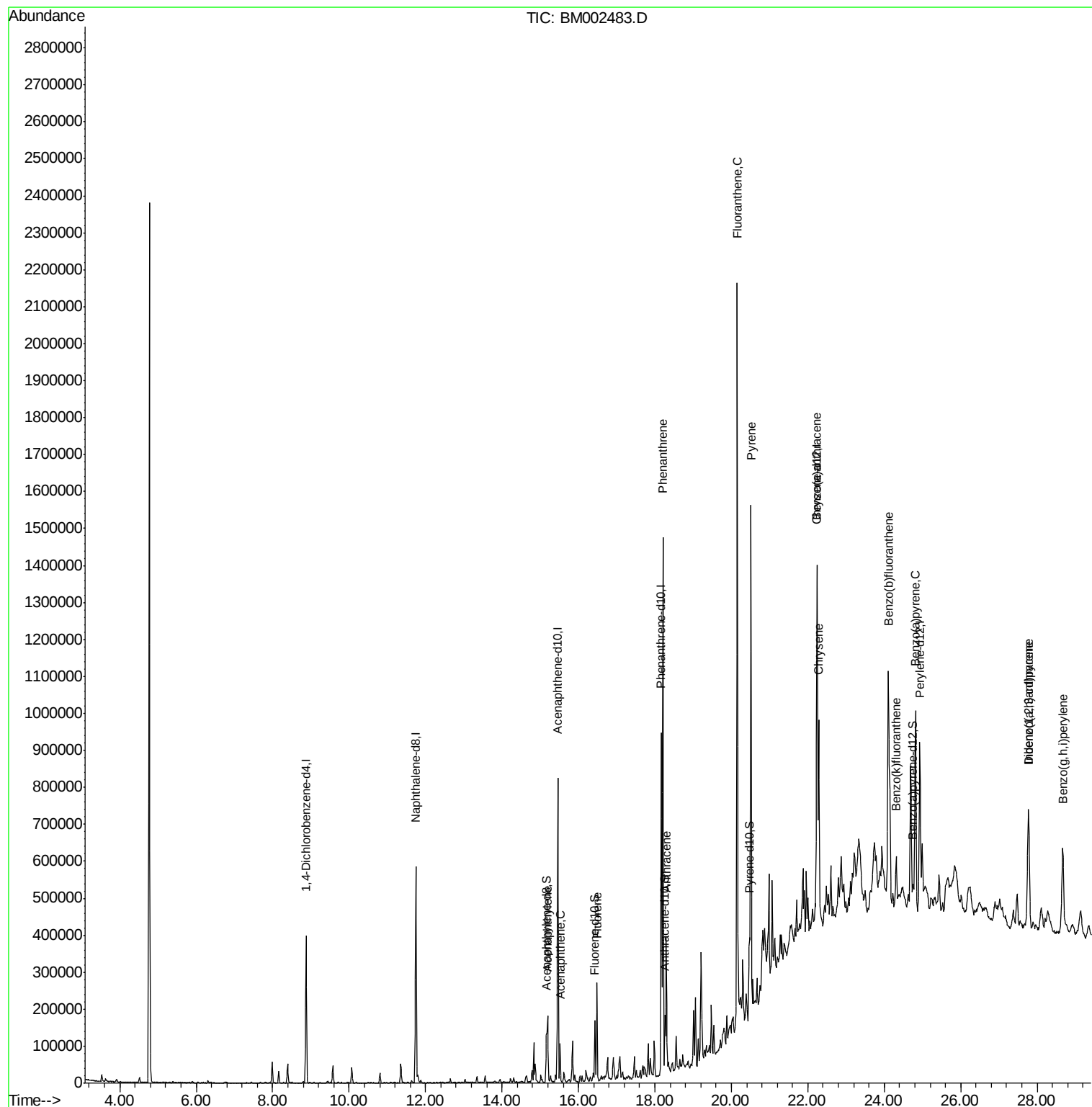
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Acenaphthylene	15.19	152	136970	4.52	ng/ul	98
9) Acenaphthene	15.52	153	44351	2.22	ng/ul	98
11) Fluorene	16.49	166	129020	5.64	ng/ul	98
13) Phenanthrene	18.21	178	897756	27.86	ng/ul	99
15) Anthracene	18.30	178	226303	6.93	ng/ul	99
16) Fluoranthene	20.16	202	1206251	33.06	ng/ul	99
19) Pyrene	20.51	202	857395	38.04	ng/ul	99
20) Benzo(a)anthracene	22.23	228	392402	17.06	ng/ul	98
21) Chrysene	22.29	228	358030	16.64	ng/ul	96
23) Benzo(b)fluoranthene	24.10	252	608031	27.42	ng/ul	97
24) Benzo(k)fluoranthene	24.31	252	97044	4.62	ng/ul#	87
26) Benzo(a)pyrene	24.81	252	426443	20.14	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.78	276	354624	14.56	ng/ul	94
28) Dibenzo(a,h)anthracene	27.77	278	94927	4.66	ng/ul#	74
29) Benzo(g,h,i)perylene	28.67	276	303671	14.98	ng/ul	98

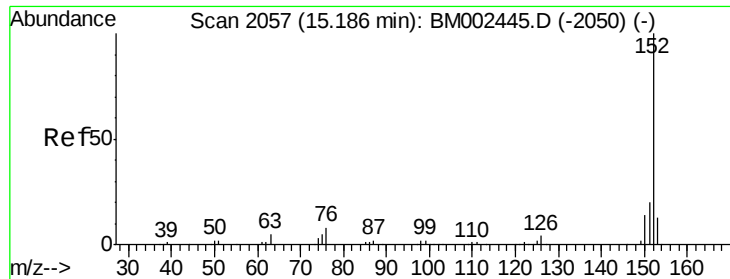
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002483.D
Acq On : 18 Aug 2015 13:21
Operator : UM/IZ
Sample : G3227-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Quant Time: Aug 18 17:52:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 03:02:54 2015
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 4.52 ng/ul

RT: 15.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

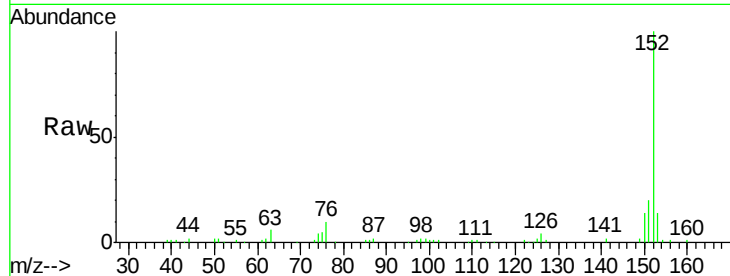
Tgt Ion:152 Resp: 136970

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

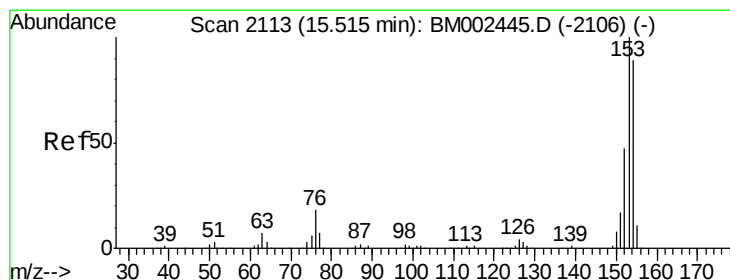
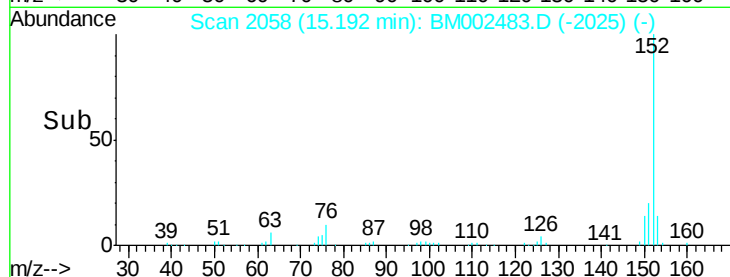
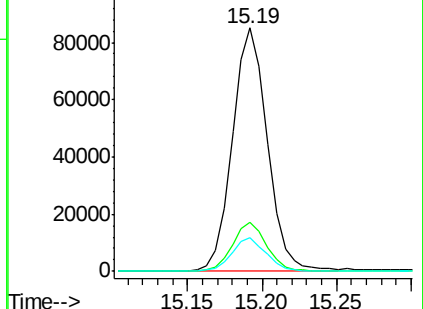
153 13.7 10.2 15.4



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



#9

Acenaphthene

Concen: 2.22 ng/ul

RT: 15.52 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

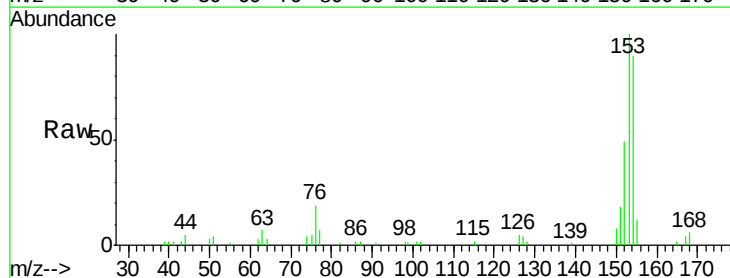
Tgt Ion:153 Resp: 44351

Ion Ratio Lower Upper

153 100

152 48.7 36.9 55.3

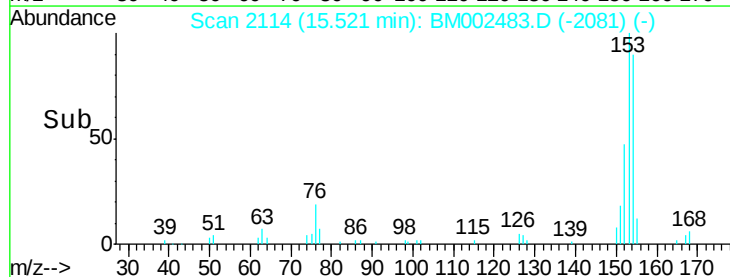
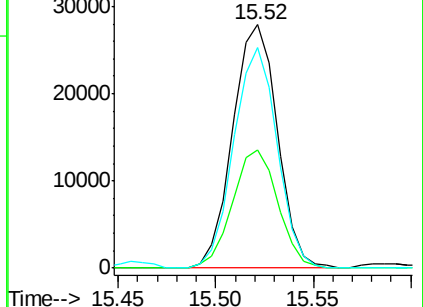
154 90.4 71.3 106.9

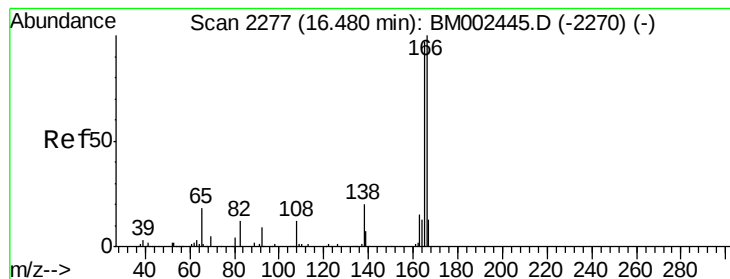


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 5.64 ng/ul

RT: 16.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

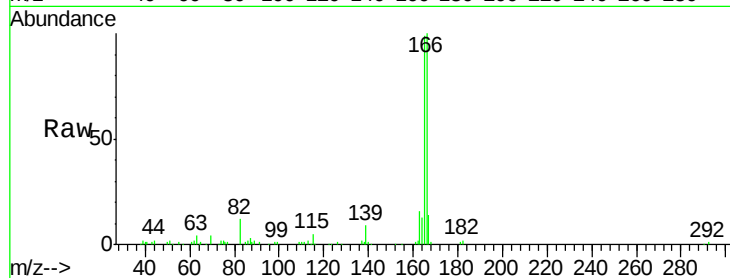
Tgt Ion:166 Resp: 129020

Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

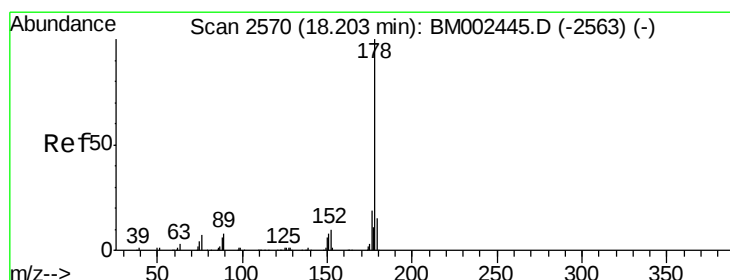
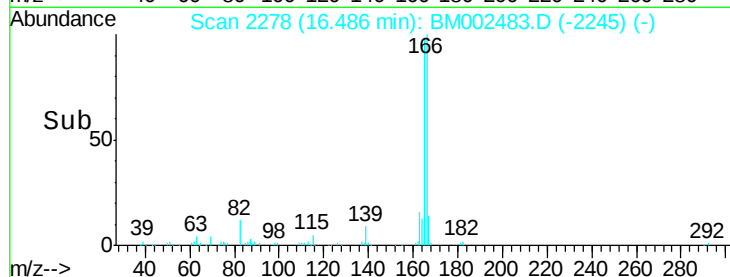
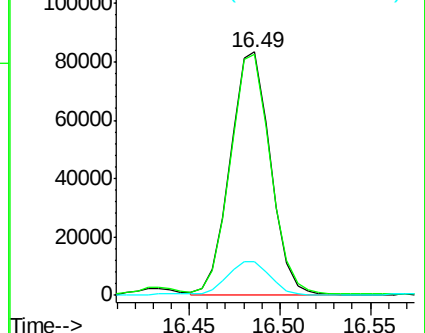
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Phenanthrene

Concen: 27.86 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

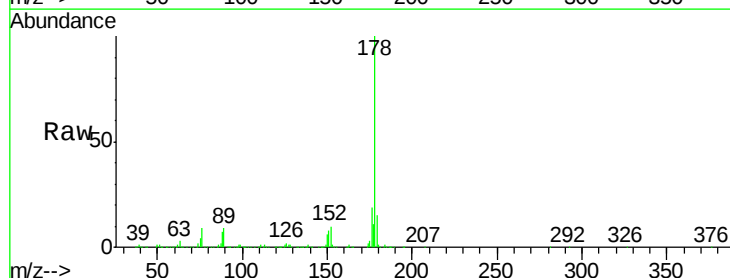
Tgt Ion:178 Resp: 897756

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

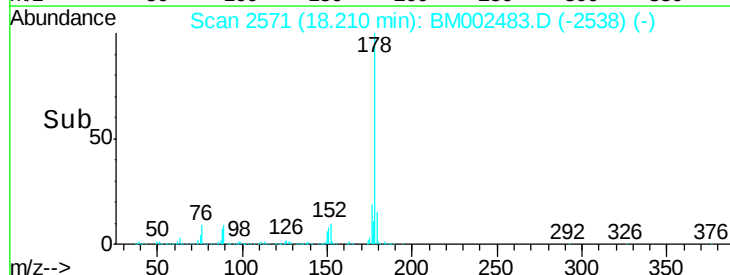
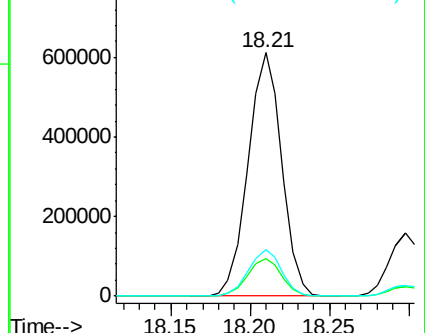
176 19.2 15.1 22.7

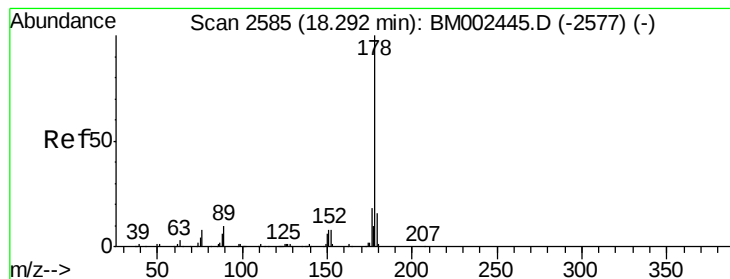


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 6.93 ng/ul

RT: 18.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

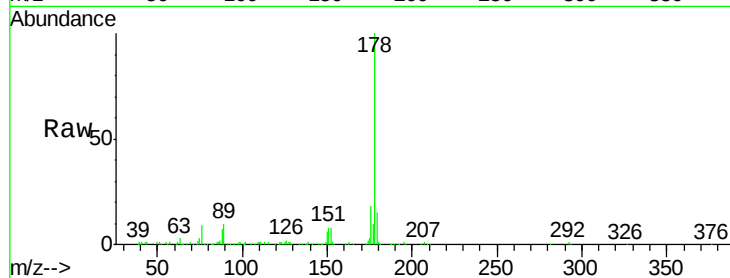
Tgt Ion:178 Resp: 226303

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

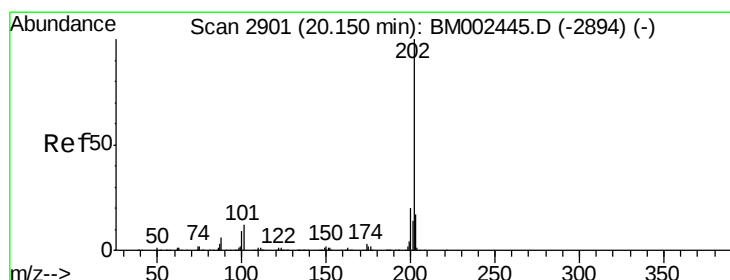
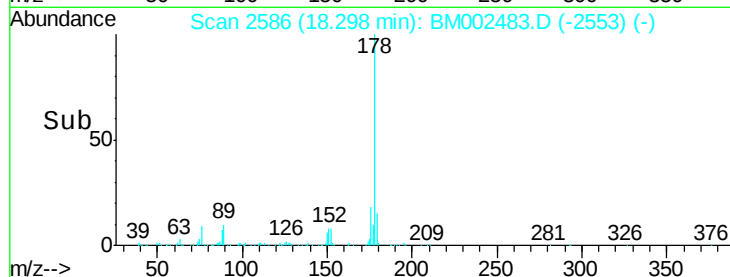
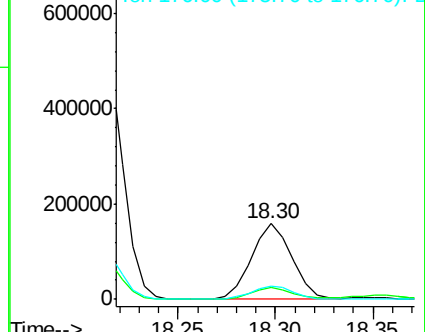
176 17.9 14.5 21.7



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: 33.06 ng/ul

RT: 20.16 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

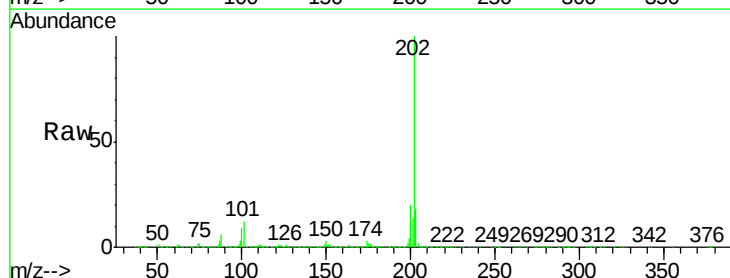
Tgt Ion:202 Resp: 1206251

Ion Ratio Lower Upper

202 100

101 12.5 9.7 14.5

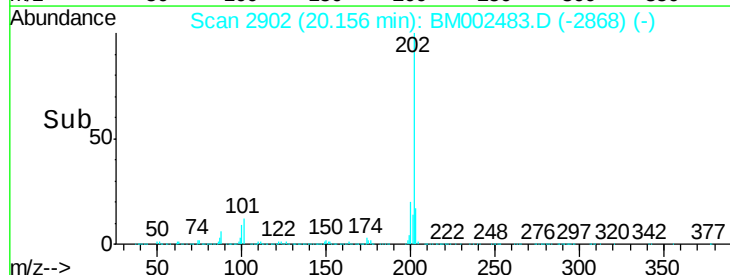
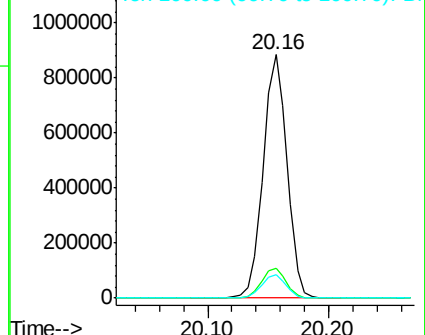
100 9.5 7.4 11.2

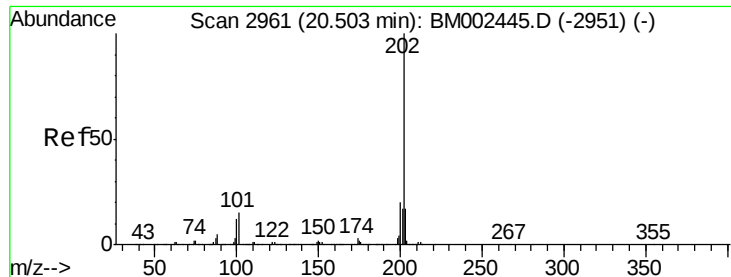


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 38.04 ng/ul

RT: 20.51 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

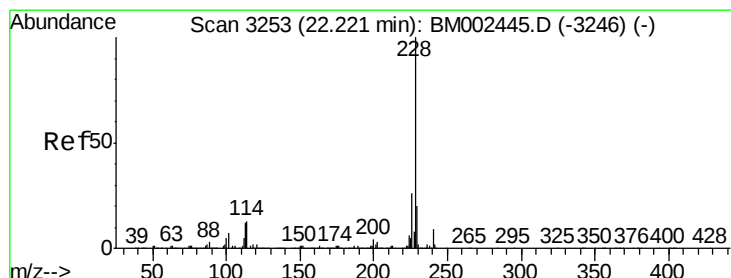
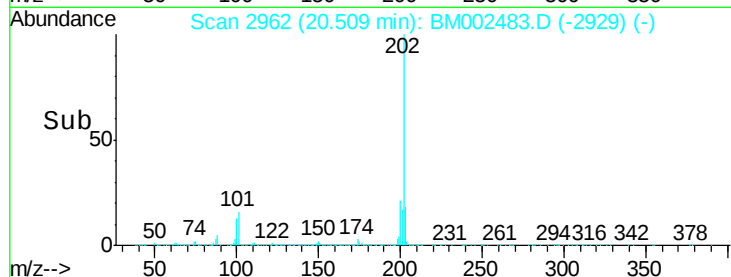
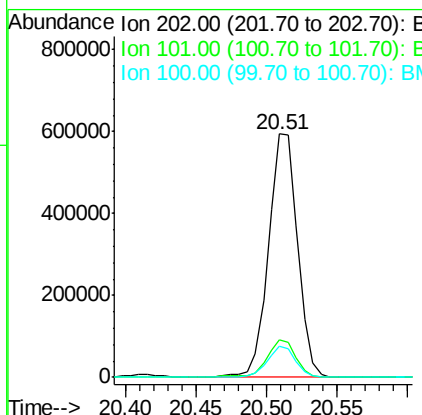
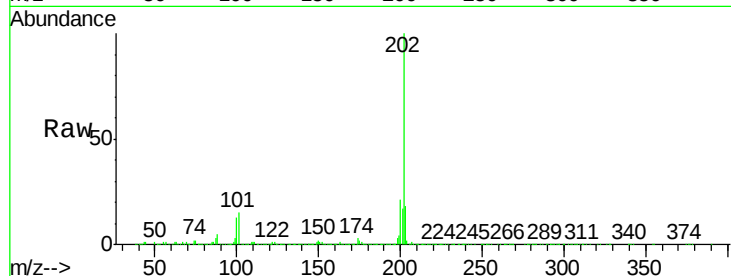
Instrument :

BNA_M

ClientSampleId :

D9DC9DL

Tgt Ion:	202	Resp:	857395
Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	12.6	9.7	14.5



#20

Benzo(a)anthracene

Concen: 17.06 ng/ul

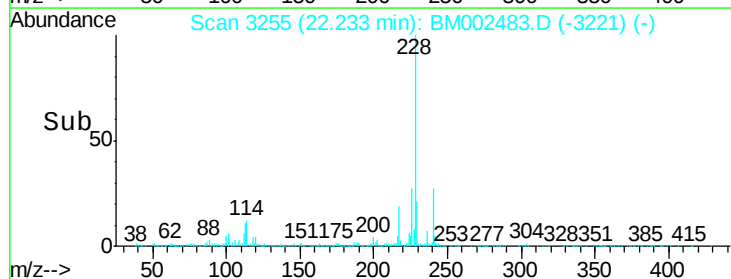
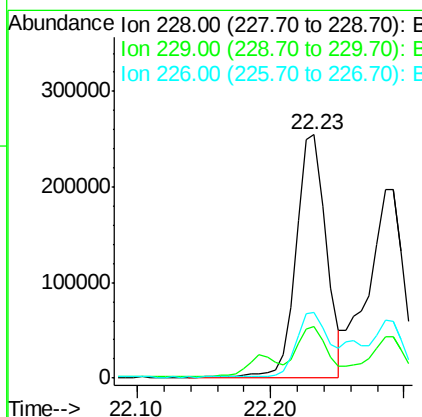
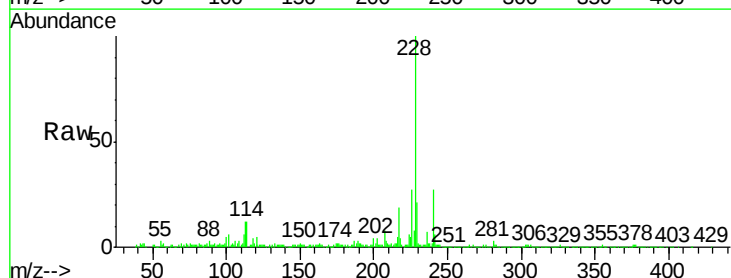
RT: 22.23 min Scan# 3255

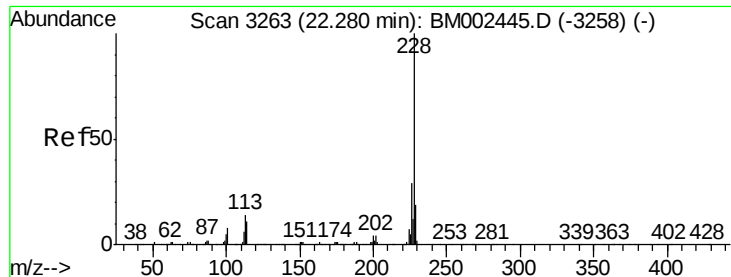
Delta R.T. 0.00 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Tgt Ion:	228	Resp:	392402
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.0	21.1	31.7





#21

Chrysene

Concen: 16.64 ng/ul

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

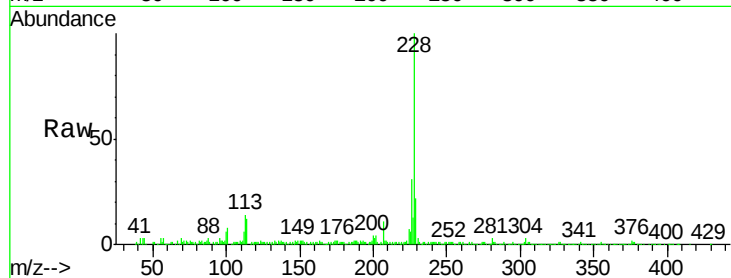
Tgt Ion:228 Resp: 358030

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

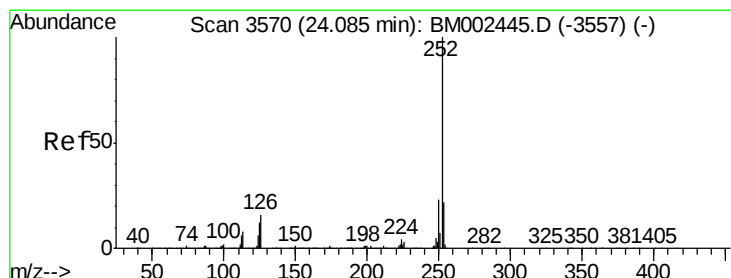
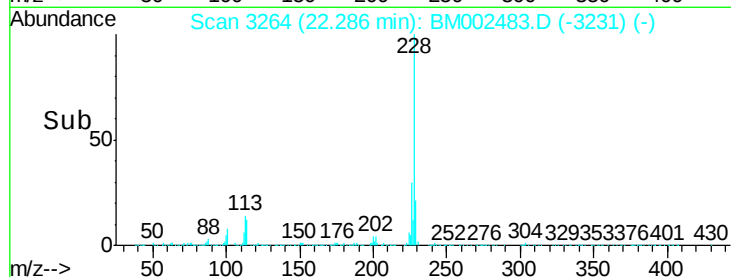
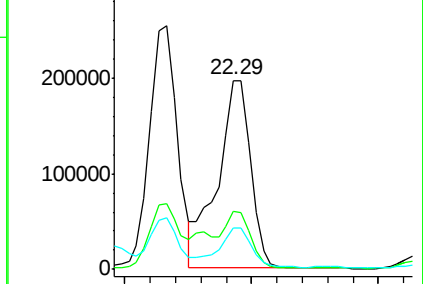
229 22.1 15.7 23.5



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: 27.42 ng/ul

RT: 24.10 min Scan# 3573

Delta R.T. 0.00 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

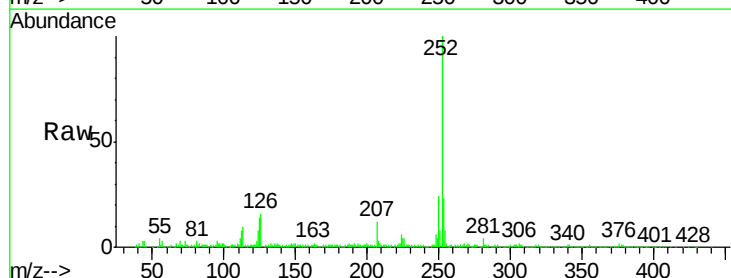
Tgt Ion:252 Resp: 608031

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

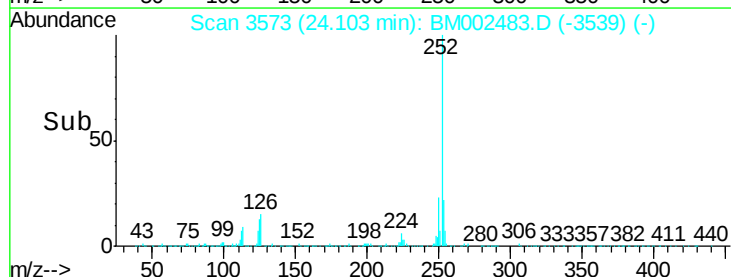
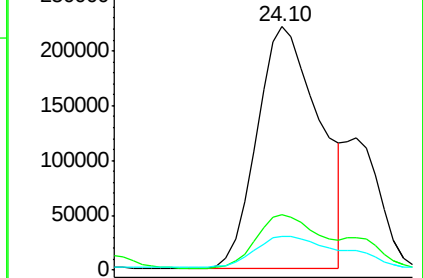
125 14.0 10.0 15.0

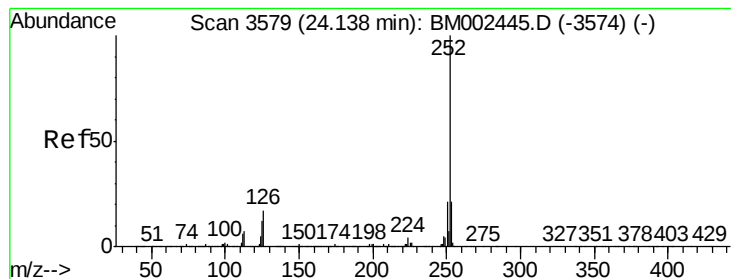


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.62 ng/ul

RT: 24.31 min Scan# 3608

Delta R.T. 0.15 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

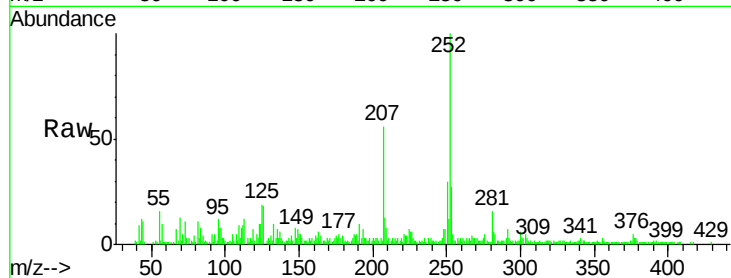
Tgt Ion:252 Resp: 97044

Ion Ratio Lower Upper

252 100

253 27.2 17.8 26.6#

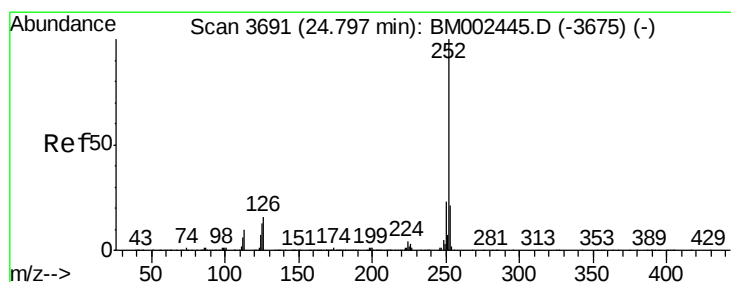
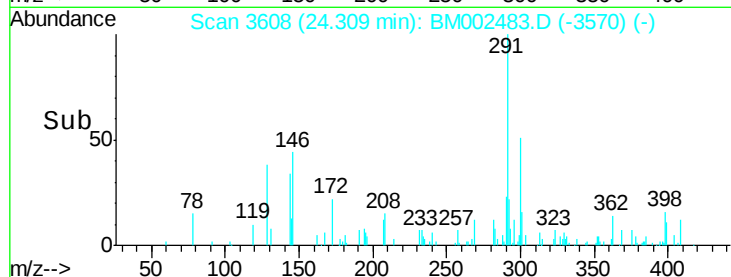
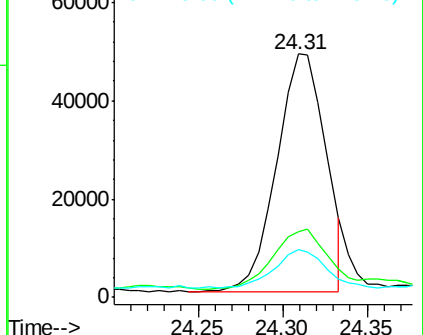
125 19.4 9.8 14.8#



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: 20.14 ng/ul

RT: 24.81 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

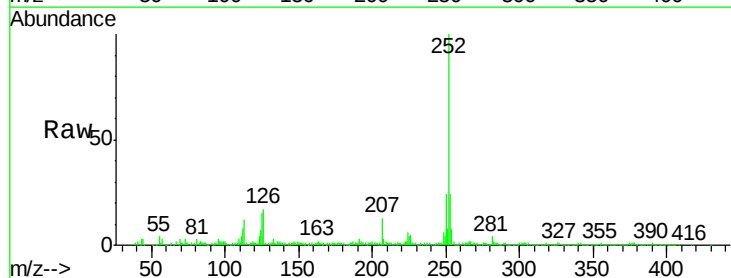
Tgt Ion:252 Resp: 426443

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

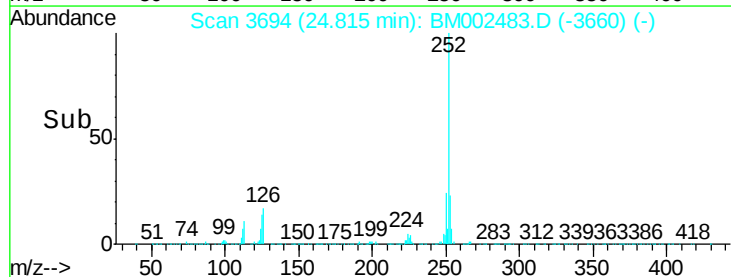
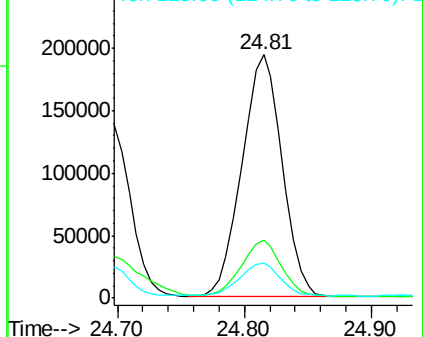
125 14.6 10.7 16.1

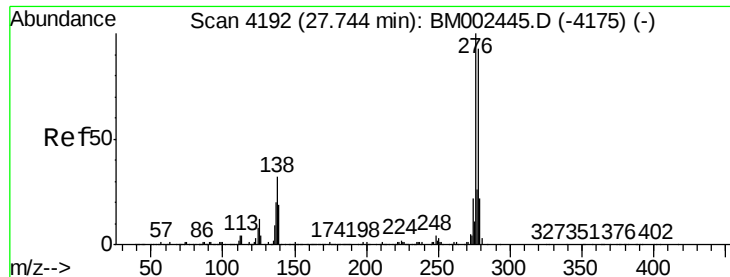


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

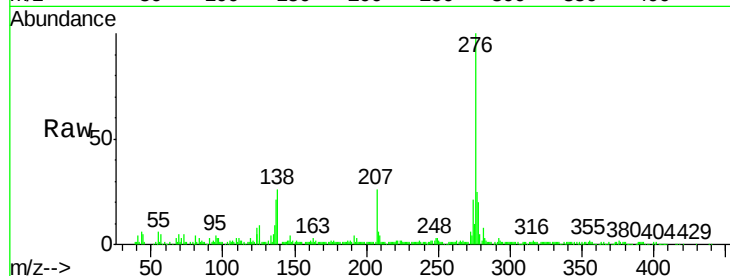




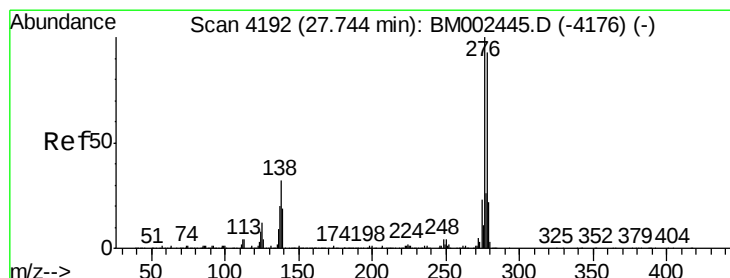
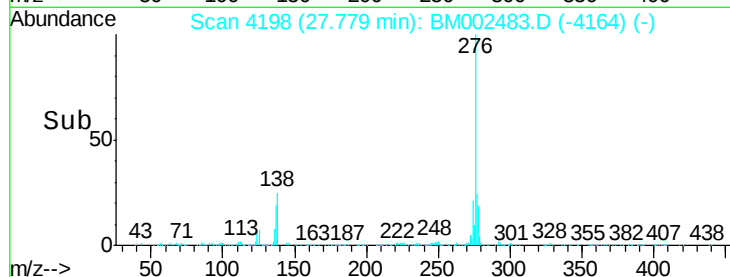
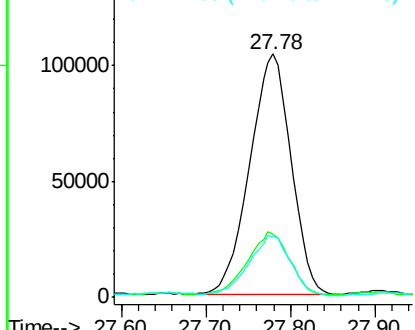
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 14.56 ng/ul
 RT: 27.78 min Scan# 4198
 Delta R.T. 0.00 min
 Lab File: BM002483.D
 Acq: 18 Aug 2015 13:21

Instrument :
 BNA_M
 ClientSampleId :
 D9DC9DL

Tgt Ion: 276 Resp: 354624
 Ion Ratio Lower Upper
 276 100
 138 26.0 25.3 37.9
 277 24.8 20.2 30.2

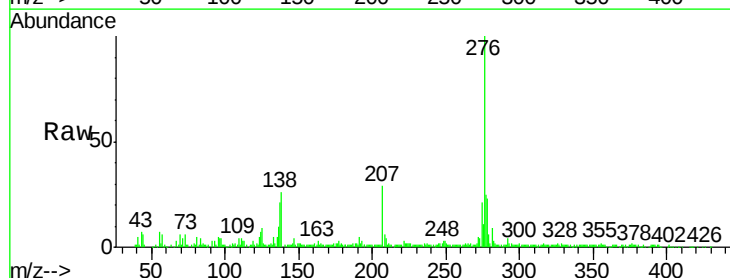


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

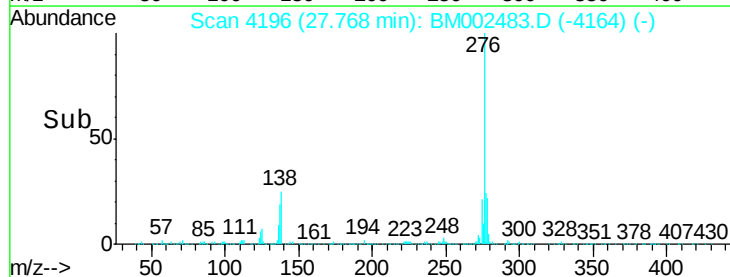
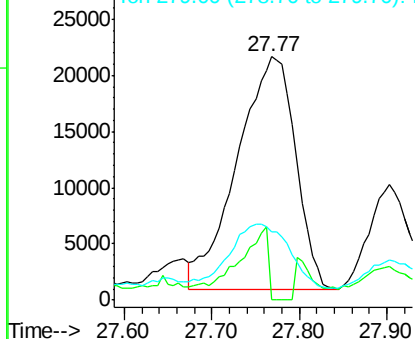


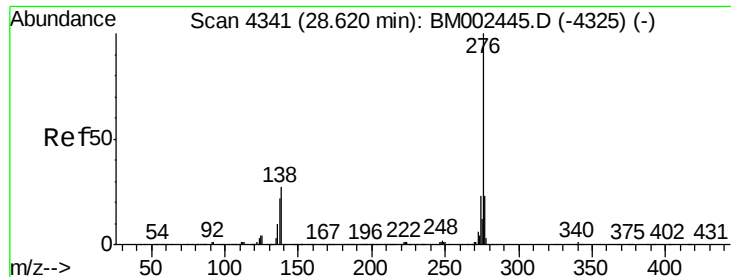
#28
 Dibenzo(a,h)anthracene
 Concen: 4.66 ng/ul
 RT: 27.77 min Scan# 4196
 Delta R.T. -0.01 min
 Lab File: BM002483.D
 Acq: 18 Aug 2015 13:21

Tgt Ion: 278 Resp: 94927
 Ion Ratio Lower Upper
 278 100
 139 0.0 16.5 24.7#
 279 28.1 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: 14.98 ng/ul

RT: 28.67 min Scan# 4349

Delta R.T. 0.00 min

Lab File: BM002483.D

Acq: 18 Aug 2015 13:21

Instrument :

BNA_M

ClientSampleId :

D9DC9DL

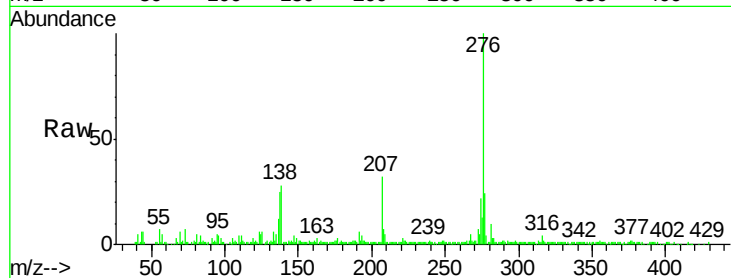
Tgt Ion: 276 Resp: 303671

Ion Ratio Lower Upper

276 100

138 27.5 21.0 31.6

277 24.4 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

