

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
 Data File : BM002466.D
 Acq On : 18 Aug 2015 00:14
 Operator : UM/IZ
 Sample : G3227-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 18 03:07:15 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

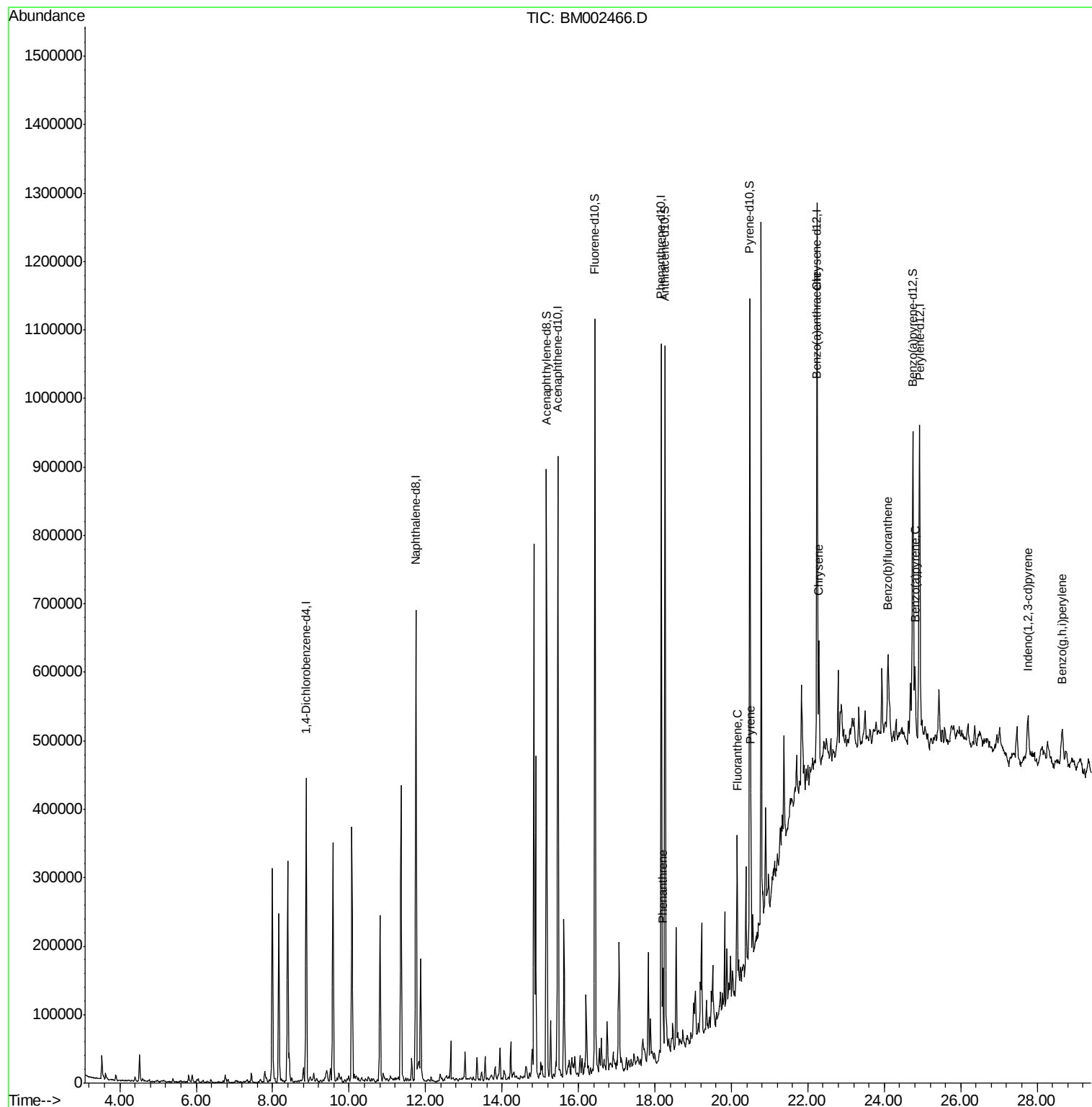
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	133802	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	618225	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	327180	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	619534	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	414533	20.00	ng/ul	0.00
22) Perylene-d12	24.92	264	396548	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	681670	20.38	ng/ul	0.00
10) Fluorene-d10	16.43	176	454053	19.33	ng/ul	0.00
14) Anthracene-d10	18.26	188	611896	20.48	ng/ul	0.00
18) Pyrene-d10	20.48	212	486812	26.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.75	264	383406	18.41	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.21	178	76924	2.15	ng/ul	99
16) Fluoranthene	20.15	202	140319	3.46	ng/ul	97
19) Pyrene	20.51	202	132744	5.47	ng/ul	99
20) Benzo(a)anthracene	22.23	228	68839	2.78	ng/ul#	93
21) Chrysene	22.29	228	85827	3.70	ng/ul#	90
23) Benzo(b)fluoranthene	24.10	252	115779	4.83	ng/ul#	93
26) Benzo(a)pyrene	24.80	252	75253	3.29	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	27.76	276	57523	2.18	ng/ul	96
29) Benzo(g,h,i)perylene	28.65	276	88849	4.05	ng/ul#	92

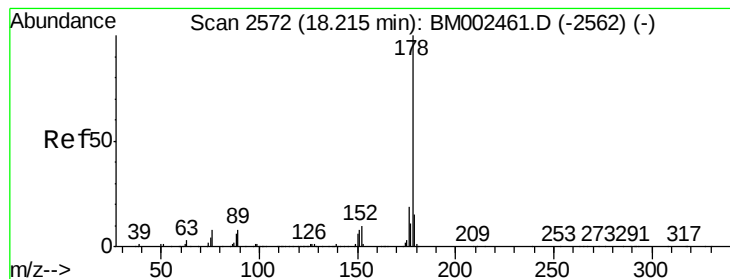
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081715\
Data File : BM002466.D
Acq On : 18 Aug 2015 00:14
Operator : UM/IZ
Sample : G3227-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 18 03:07:15 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





#13

Phenanthrene

Concen: 2.15 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

Instrument :

BNA_M

ClientSampleId :

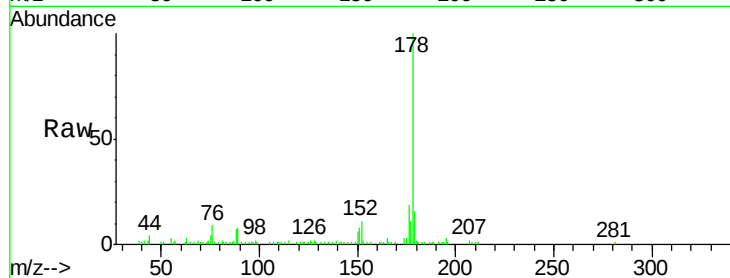
Tot Ion:178 Resp: 76924

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

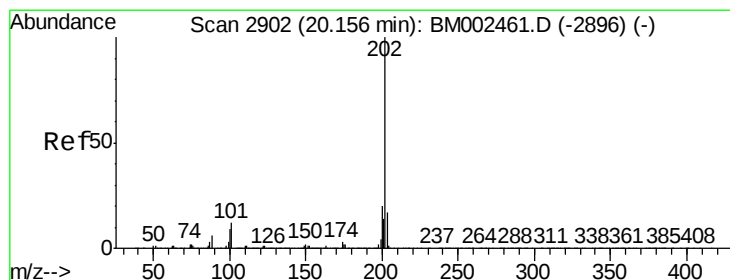
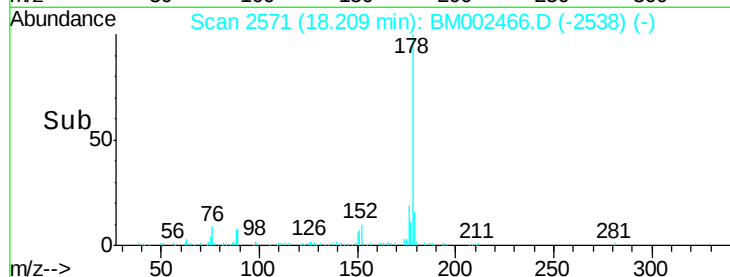
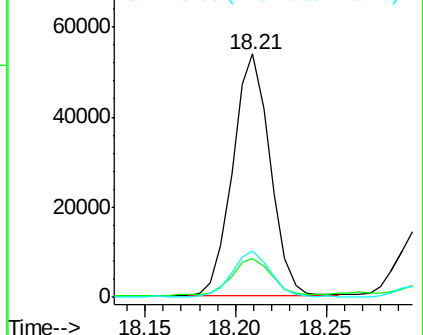
176 19.1 15.1 22.7



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: 3.46 ng/ul

RT: 20.15 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

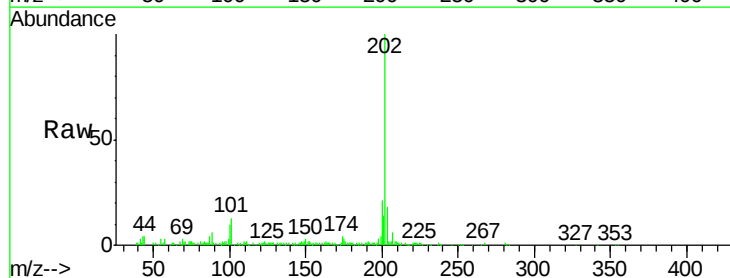
Tgt Ion:202 Resp: 140319

Ion Ratio Lower Upper

202 100

101 13.3 9.7 14.5

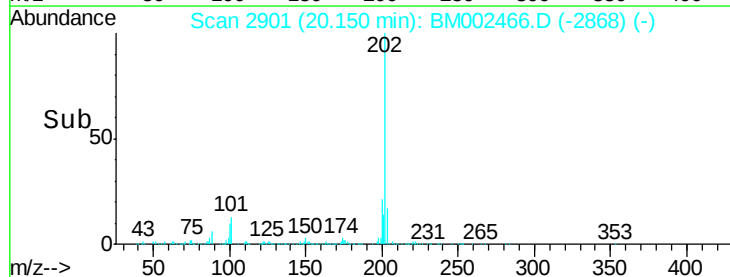
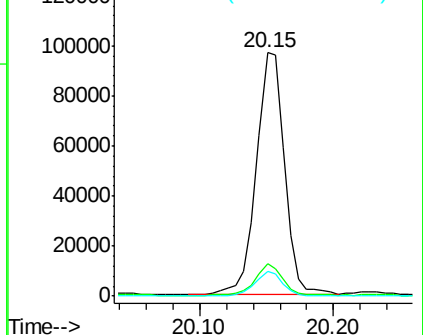
100 10.0 7.4 11.2

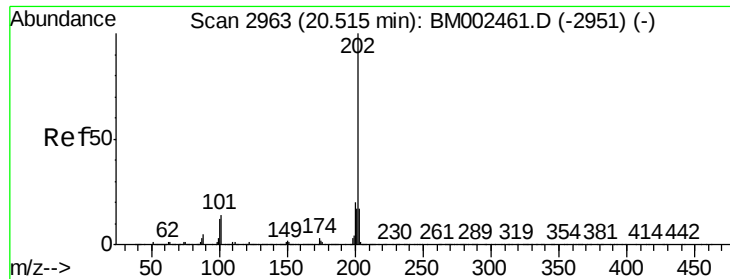


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 5.47 ng/ul

RT: 20.51 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BM002466.D

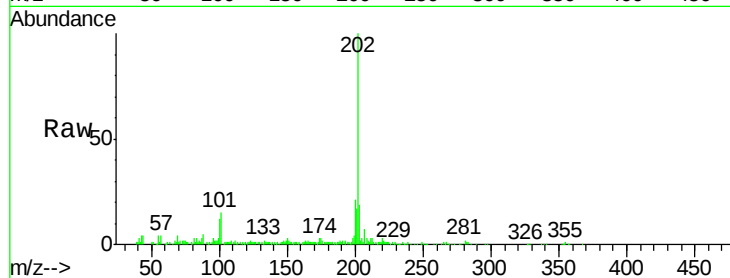
Acq: 18 Aug 2015 00:14

Instrument :

BNA_M

ClientSampleId :

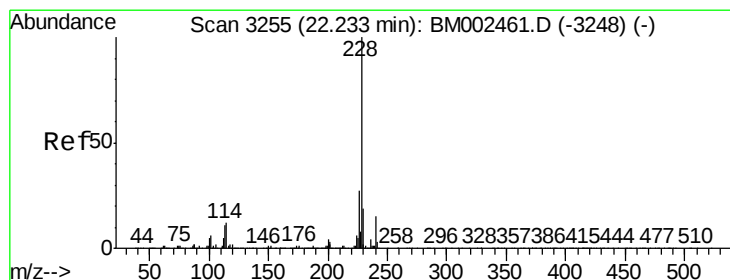
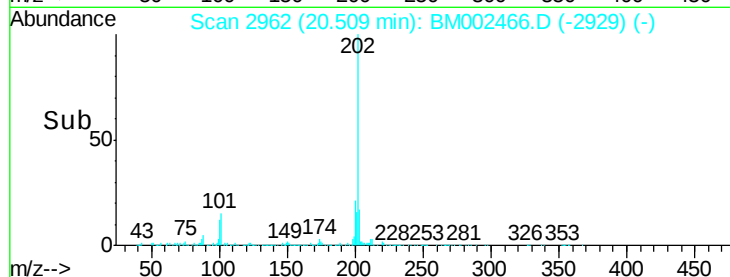
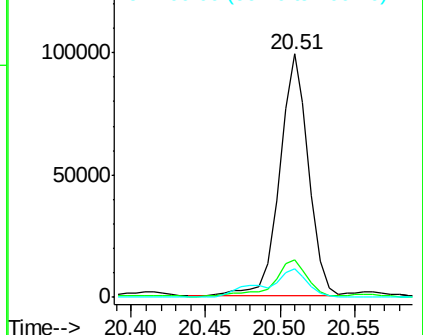
Tot Ion:	202	Resp:	132744
Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	11.8	9.7	14.5



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): E



#20

Benzo(a)anthracene

Concen: 2.78 ng/ul

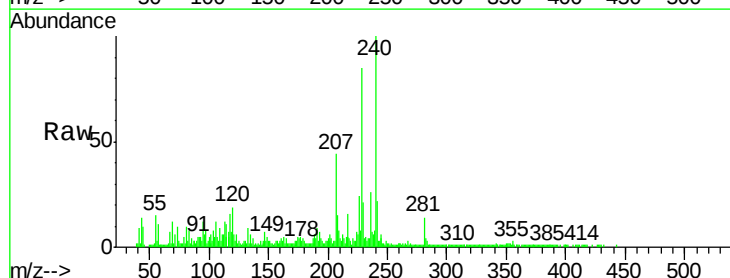
RT: 22.23 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

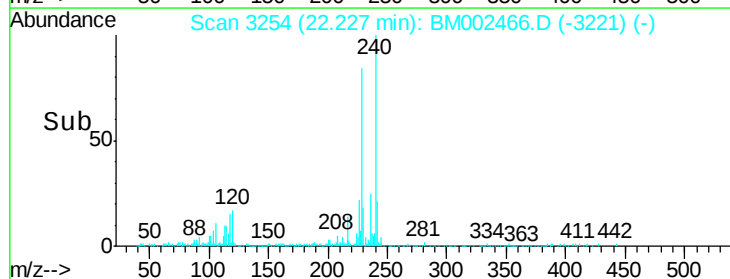
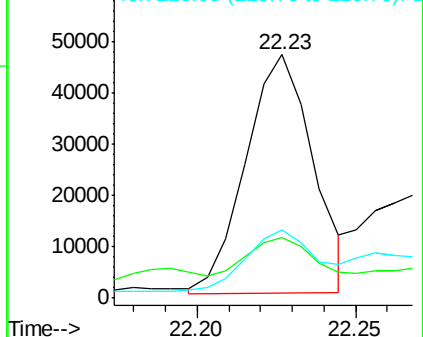
Tgt Ion:	228	Resp:	68839
Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.8	23.6#
226	28.2	21.1	31.7

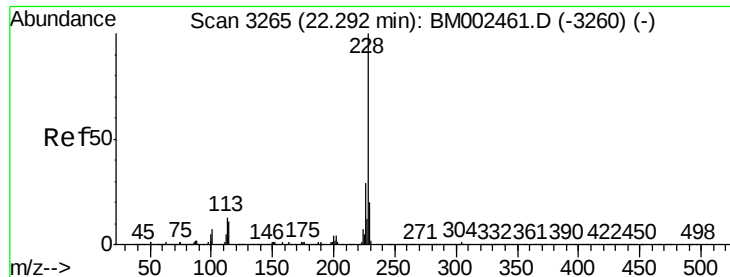


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.70 ng/ul

RT: 22.29 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM002466.D

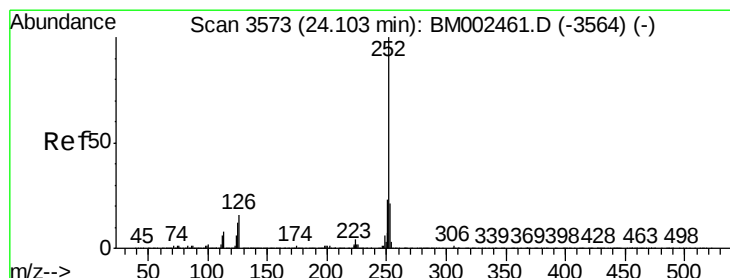
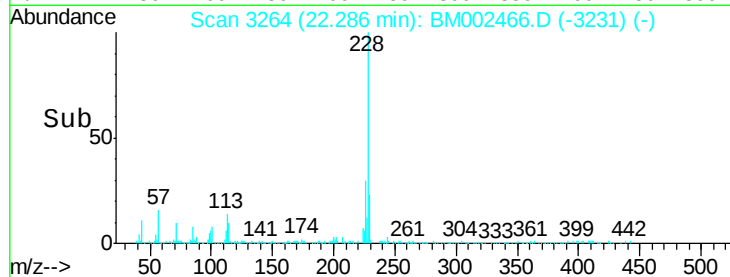
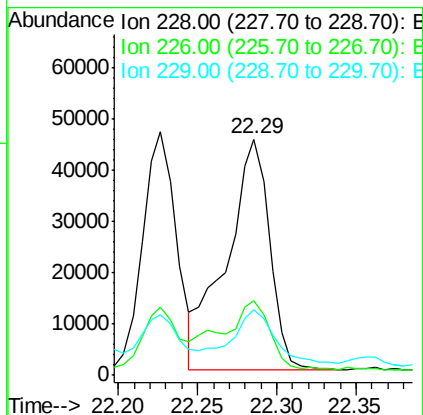
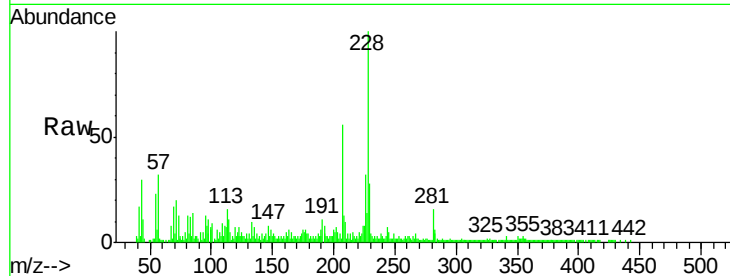
Acq: 18 Aug 2015 00:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	85827
Ion Ratio	Lower	Upper
228	100	
226	31.6	23.4 35.2
229	27.9	15.7 23.5#



#23

Benzo(b)fluoranthene

Concen: 4.83 ng/ul

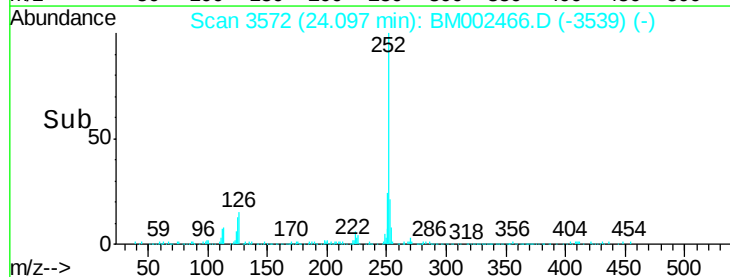
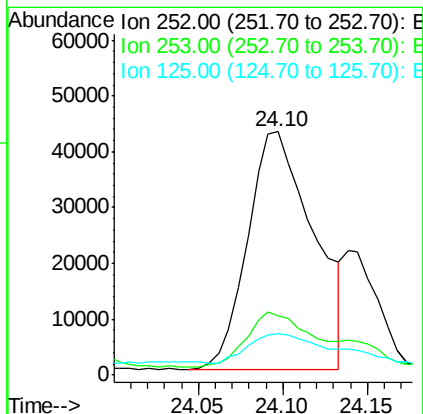
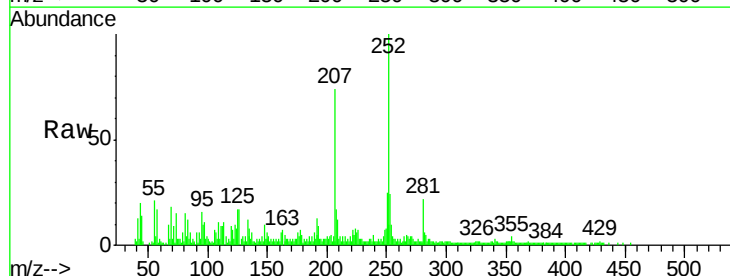
RT: 24.10 min Scan# 3572

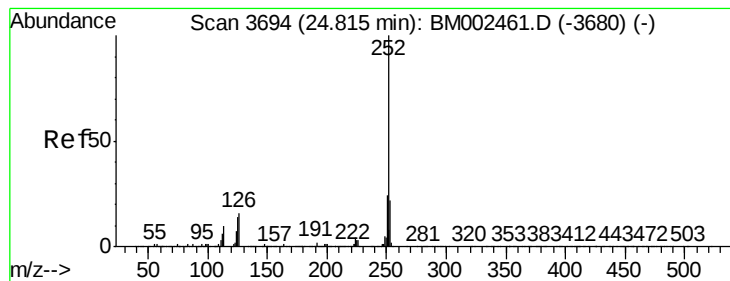
Delta R.T. -0.01 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

Tgt Ion:252	Resp:	115779
Ion Ratio	Lower	Upper
252	100	
253	24.1	17.4 26.0
125	17.0	10.0 15.0#





#26

Benzo(a)pyrene

Concen: 3.29 ng/ul

RT: 24.80 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

Instrument :

BNA_M

ClientSampleId :

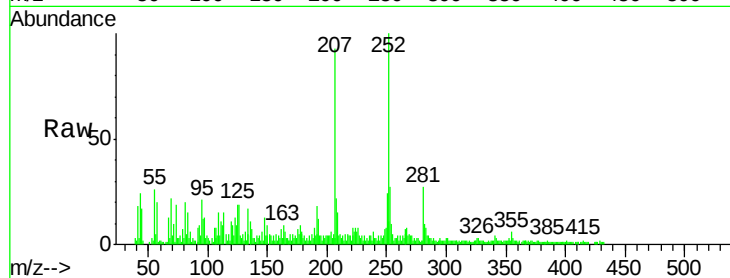
Tot Ion:252 Resp: 75253

Ion Ratio Lower Upper

252 100

253 27.2 17.6 26.4#

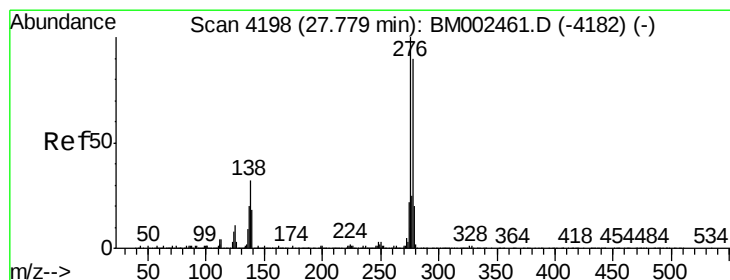
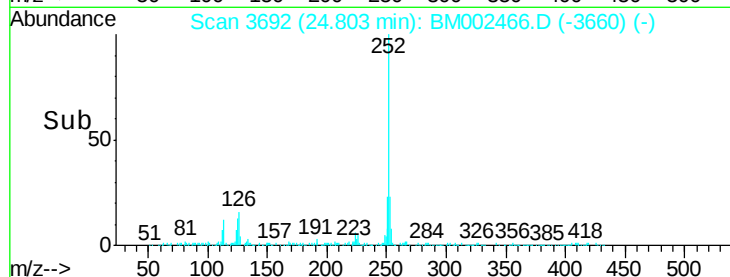
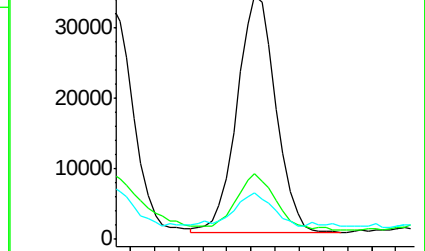
125 18.9 10.7 16.1#



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: 2.18 ng/ul

RT: 27.76 min Scan# 4195

Delta R.T. -0.02 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

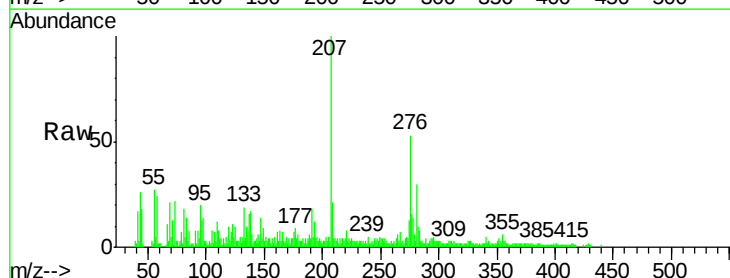
Tgt Ion:276 Resp: 57523

Ion Ratio Lower Upper

276 100

138 31.4 25.3 37.9

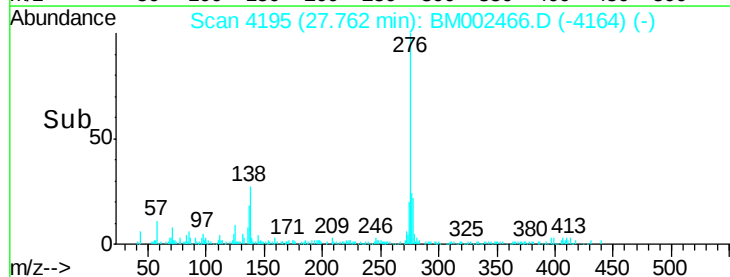
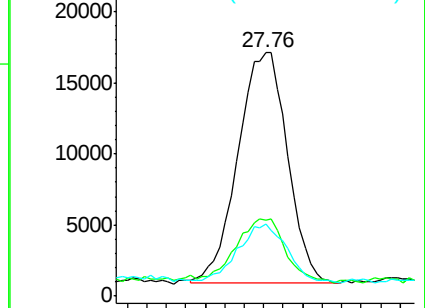
277 29.4 20.2 30.2

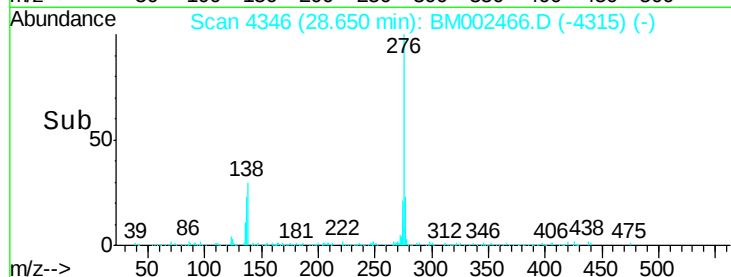
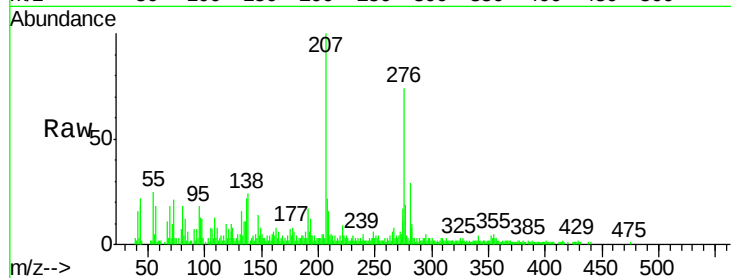
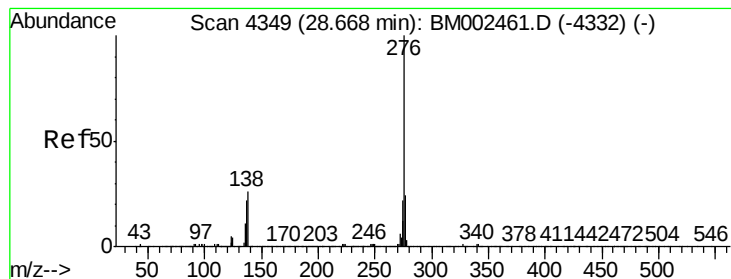


Abundance Ion 276.00 (275.70 to 276.70): E

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: 4.05 ng/ul

RT: 28.65 min Scan# 4346

Delta R.T. -0.02 min

Lab File: BM002466.D

Acq: 18 Aug 2015 00:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 88849

Ion Ratio Lower Upper

276 100

138 32.3 21.0 31.6#

277 26.3 19.2 28.8

