

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
 Data File : BM002407.D
 Acq On : 15 Aug 2015 04:19
 Operator : UM/IZ
 Sample : G3194-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DC0

Quant Time: Aug 17 02:06:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:04:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	136141	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	660964	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	353932	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	730633	20.00	ng/ul	0.00
17) Chrysene-d12	22.22	240	718757	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	581569	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.15	160	715988	19.79	ng/ul	0.00
10) Fluorene-d10	16.42	176	484945	19.08	ng/ul	0.00
14) Anthracene-d10	18.24	188	699346	19.84	ng/ul	0.00
18) Pyrene-d10	20.46	212	713047	22.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	567606	18.58	ng/ul	0.00

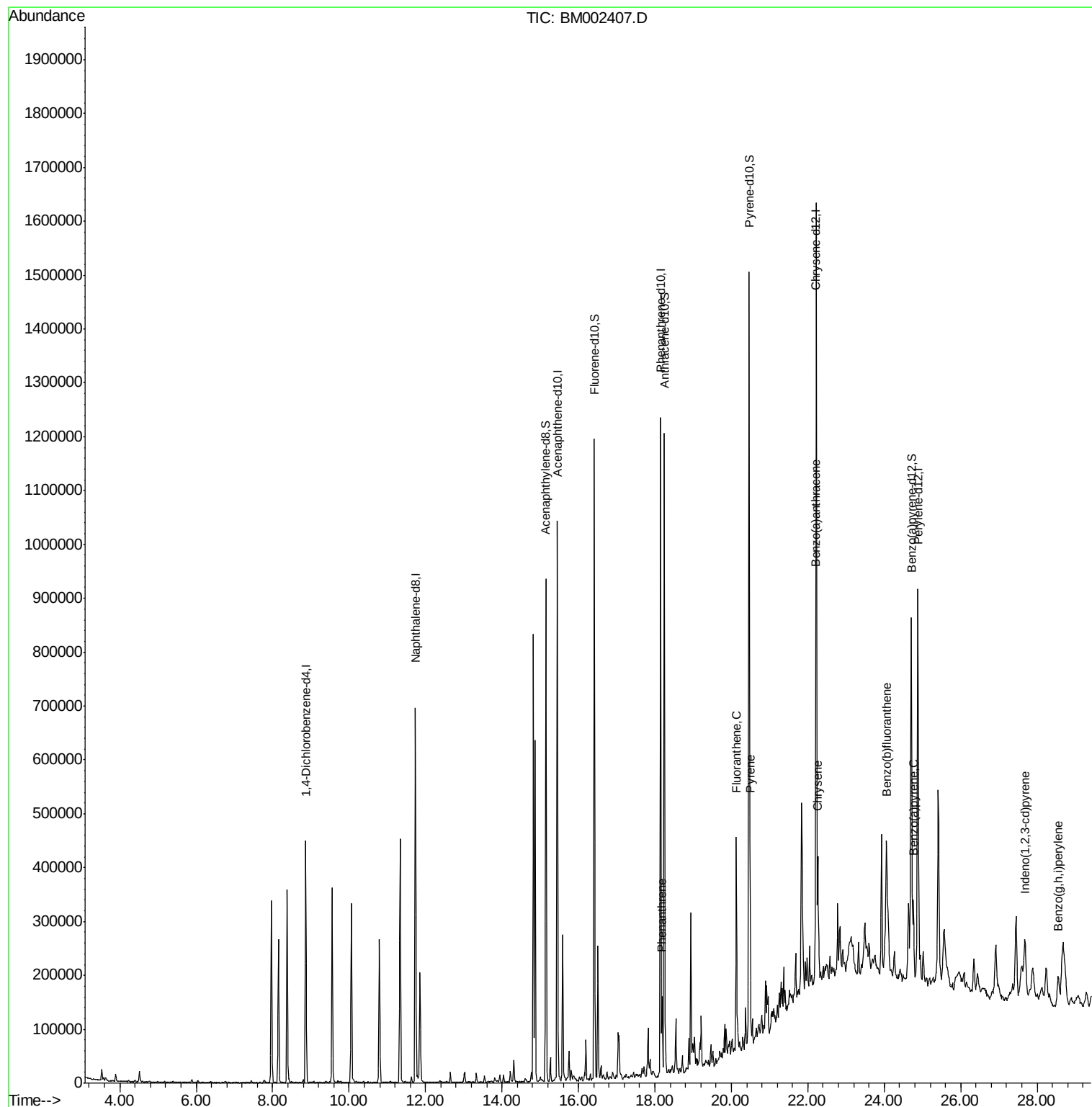
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.19	178	89411	2.12	ng/ul	99
16) Fluoranthene	20.13	202	232350	4.86	ng/ul	100
19) Pyrene	20.49	202	206807	4.91	ng/ul	98
20) Benzo(a)anthracene	22.20	228	128922	3.00	ng/ul	98
21) Chrysene	22.26	228	156445	3.89	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	213059	6.06	ng/ul	97
26) Benzo(a)pyrene	24.76	252	109760	3.27	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.68	276	79109	2.05	ng/ul	96
29) Benzo(g,h,i)perylene	28.56	276	73083	2.27	ng/ul	97

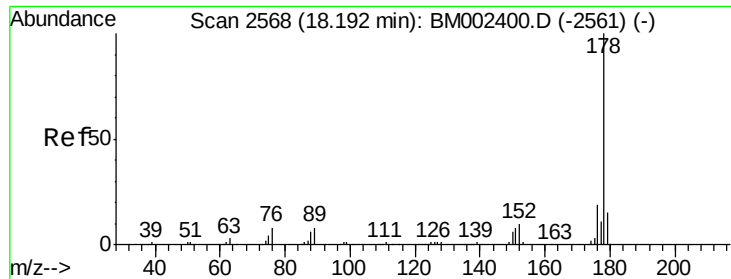
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.12 ng/ul

RT: 18.19 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

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BNA_M

ClientSampleId :

D9DC0

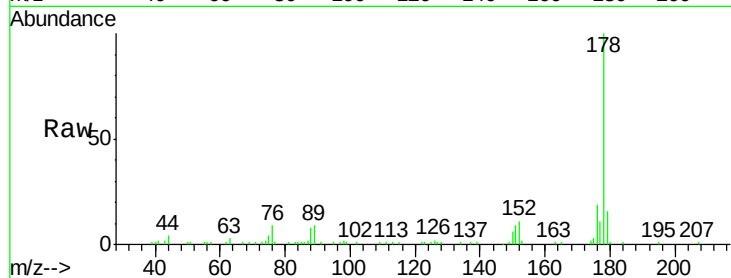
Tot Ion:178 Resp: 89411

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

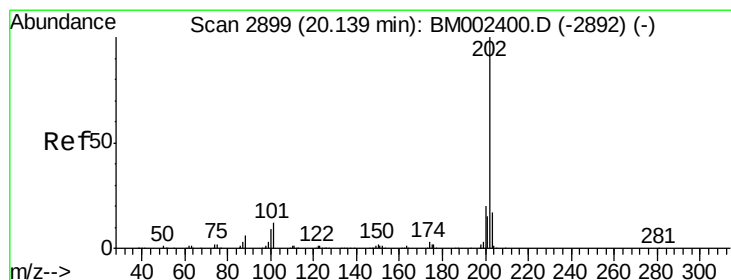
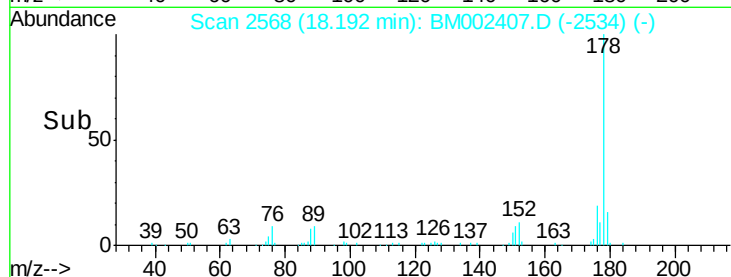
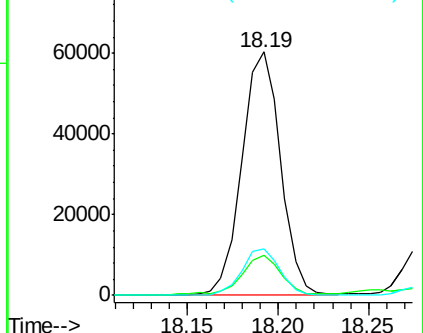
176 18.9 15.1 22.7



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: 4.86 ng/ul

RT: 20.13 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

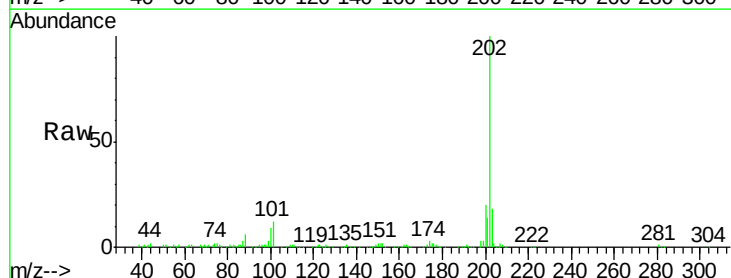
Tgt Ion:202 Resp: 232350

Ion Ratio Lower Upper

202 100

101 12.3 9.7 14.5

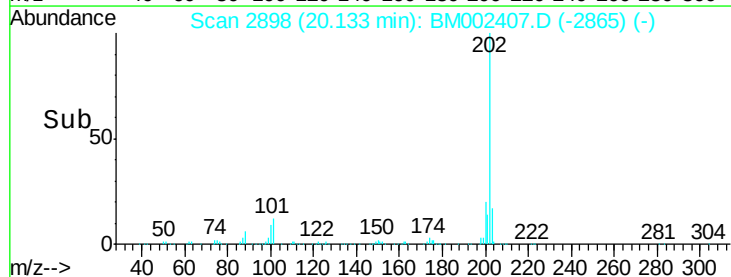
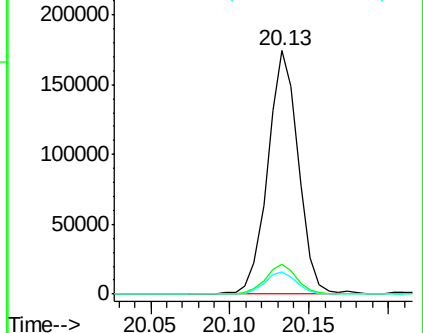
100 9.4 7.4 11.2

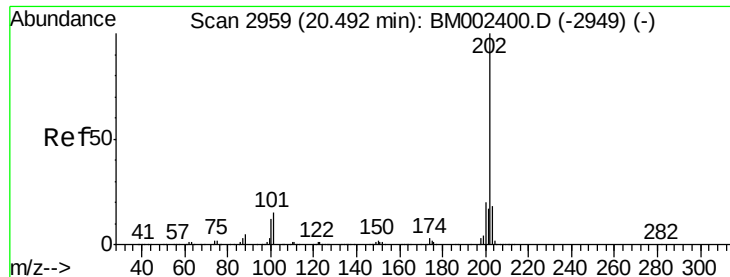


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 4.91 ng/ul

RT: 20.49 min Scan# 2959

Delta R.T. -0.00 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Instrument :

BNA_M

ClientSampleId :

D9DC0

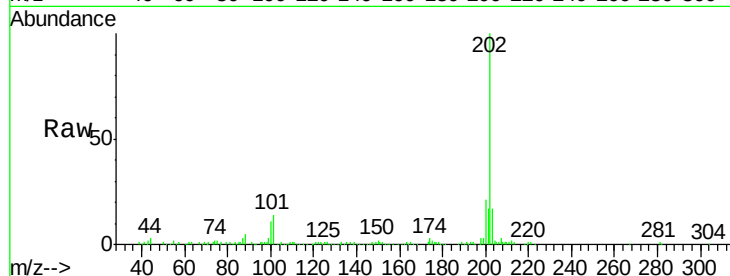
Tot Ion:202 Resp: 206807

Ion Ratio Lower Upper

202 100

101 14.0 12.0 18.0

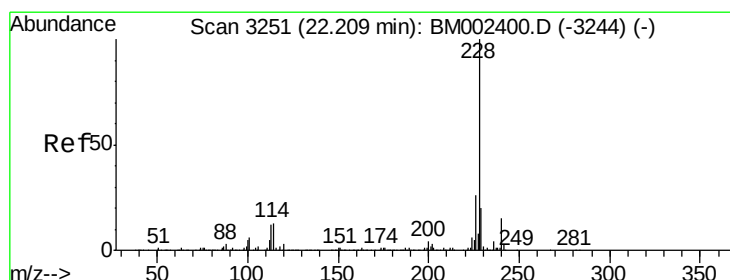
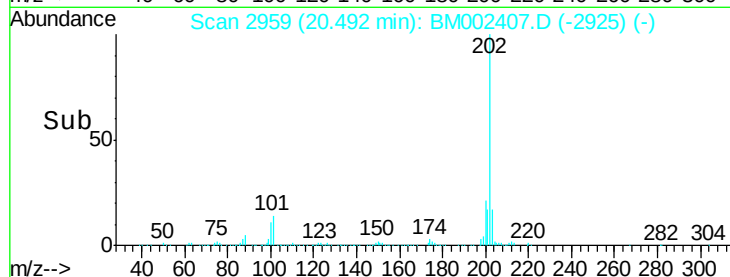
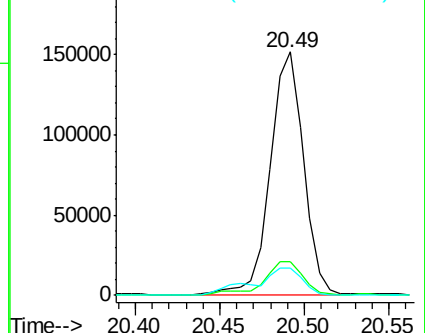
100 11.3 9.7 14.5



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: 3.00 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

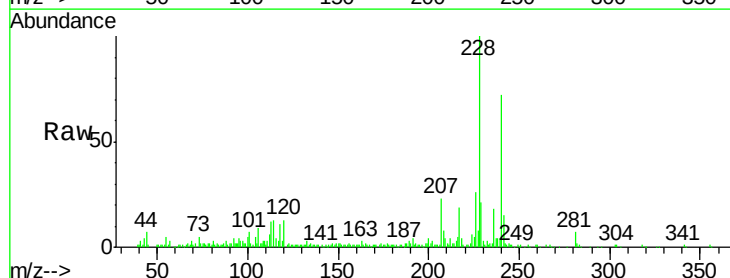
Tgt Ion:228 Resp: 128922

Ion Ratio Lower Upper

228 100

229 21.3 15.8 23.6

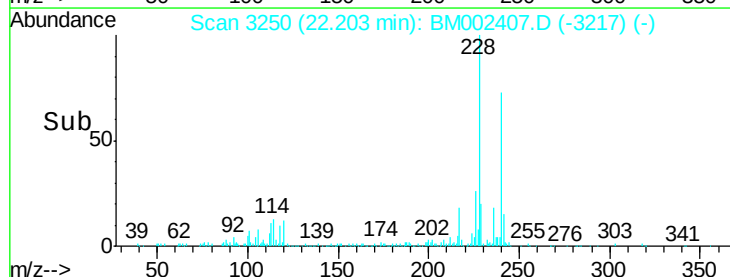
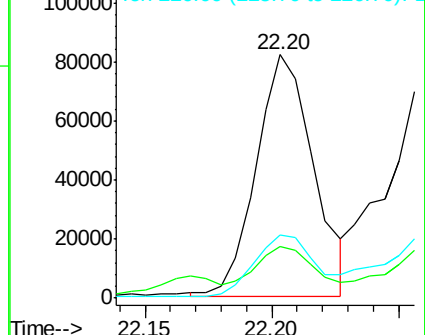
226 26.1 21.1 31.7

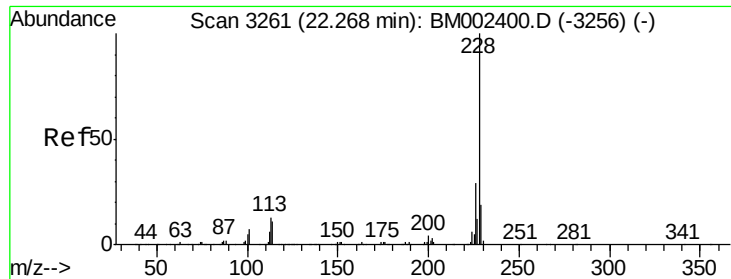


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

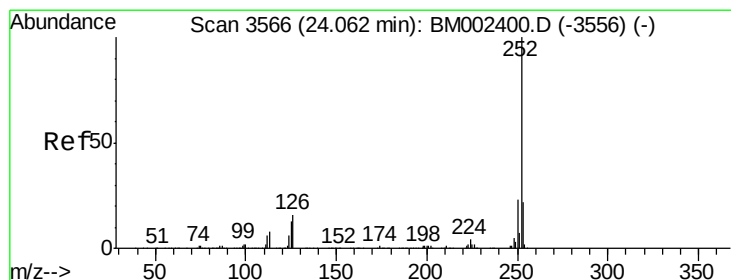
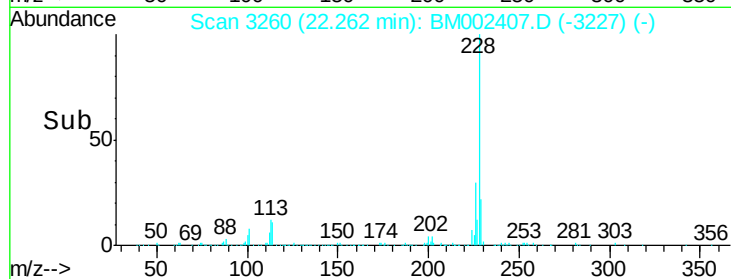
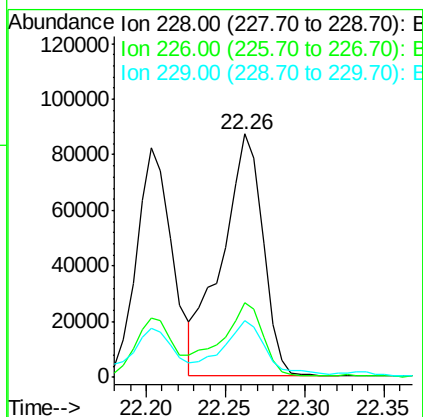
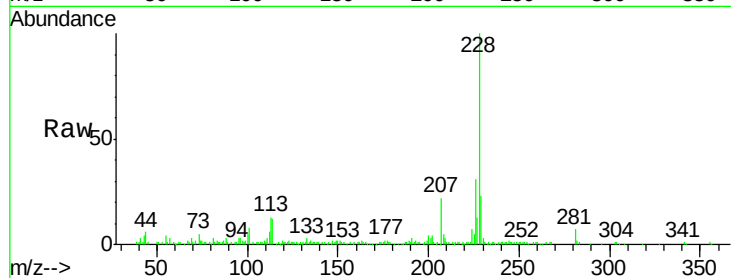




#21
Chrysene
Concen: 3.89 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002407.D
Acq: 15 Aug 2015 04:19

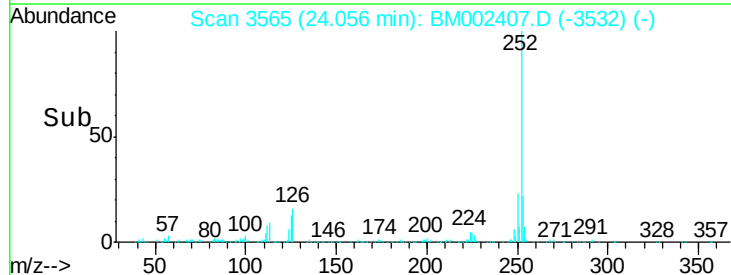
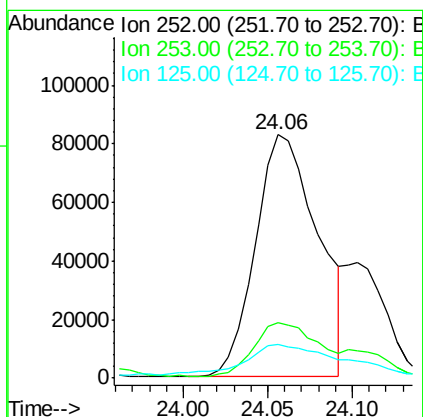
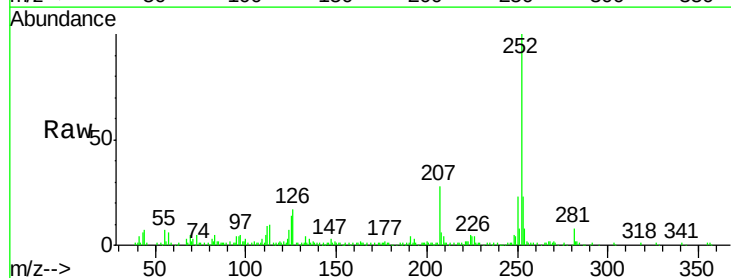
Instrument :
BNA_M
ClientSampleId :
D9DC0

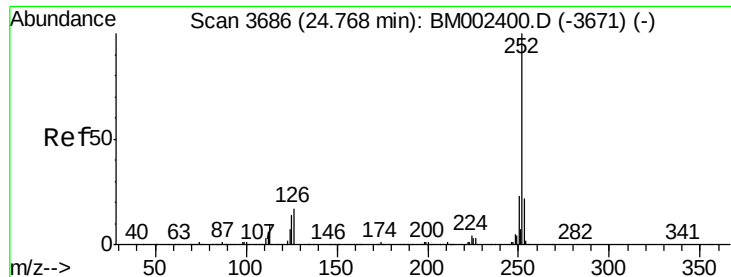
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.2	15.7	23.5



#23
Benzo(b)fluoranthene
Concen: 6.06 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BM002407.D
Acq: 15 Aug 2015 04:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	13.9	10.0	15.0





#26

Benzo(a)pyrene

Concen: 3.27 ng/ul

RT: 24.76 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Instrument :

BNA_M

ClientSampleId :

D9DC0

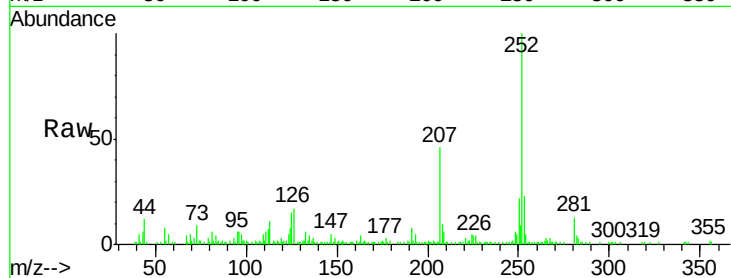
Tot Ion:252 Resp: 109760

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

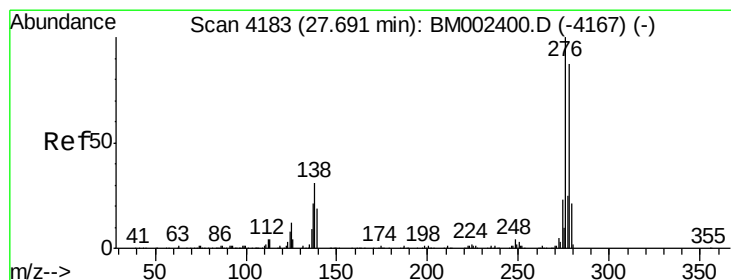
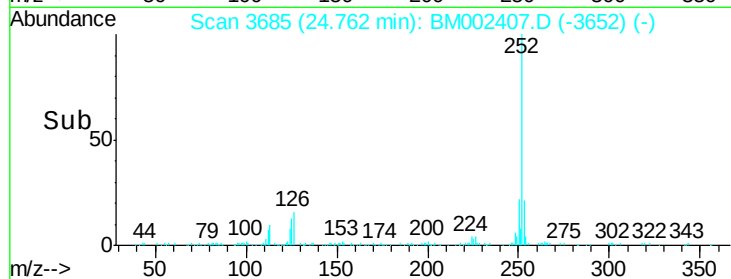
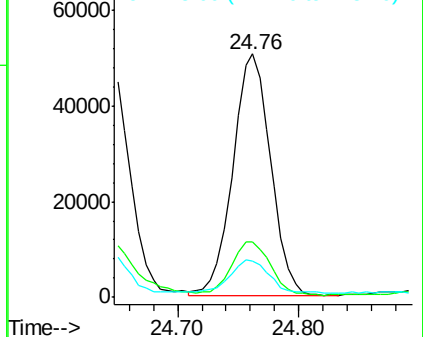
125 14.8 10.7 16.1



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: 2.05 ng/ul

RT: 27.68 min Scan# 4181

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

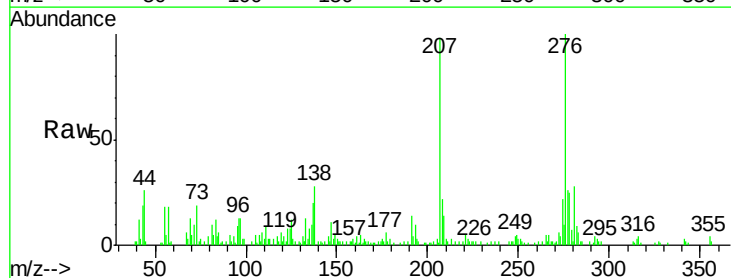
Tgt Ion:276 Resp: 79109

Ion Ratio Lower Upper

276 100

138 27.8 25.3 37.9

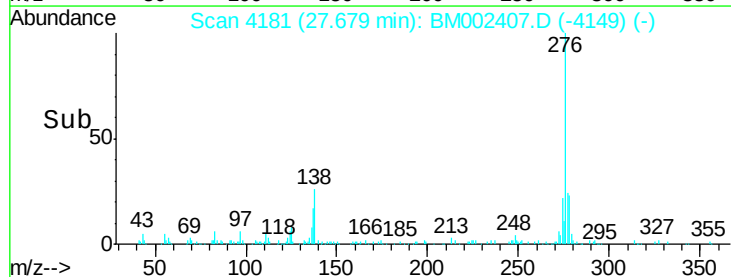
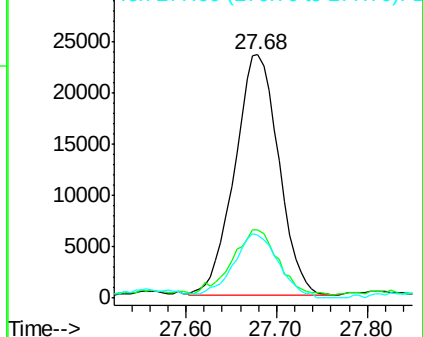
277 25.7 20.2 30.2

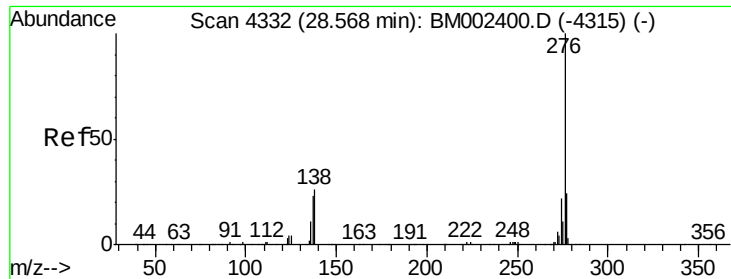


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.27 ng/ul

RT: 28.56 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BM002407.D

Acq: 15 Aug 2015 04:19

Instrument :

BNA_M

ClientSampleId :

D9DC0

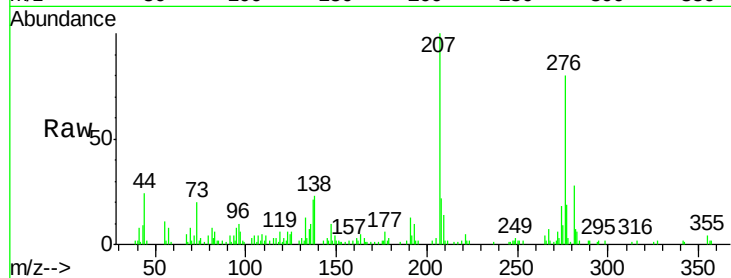
Tot Ion:276 Resp: 73083

Ion Ratio Lower Upper

276 100

138 28.7 21.0 31.6

277 23.9 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

