

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002393.D
 Acq On : 13 Aug 2015 12:19
 Operator : UM/IZ
 Sample : G3194-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00532

Quant Time: Aug 14 02:02:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 02:01:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	261422	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1141364	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	558237	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	1027839	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	742718	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	702064	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1907831	32.99	ng/ul	0.00
10) Fluorene-d10	16.46	176	1217945	30.28	ng/ul	0.00
14) Anthracene-d10	18.29	188	1585763	31.79	ng/ul	0.00
18) Pyrene-d10	20.52	212	1286805	35.72	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	972555	26.09	ng/ul	0.00

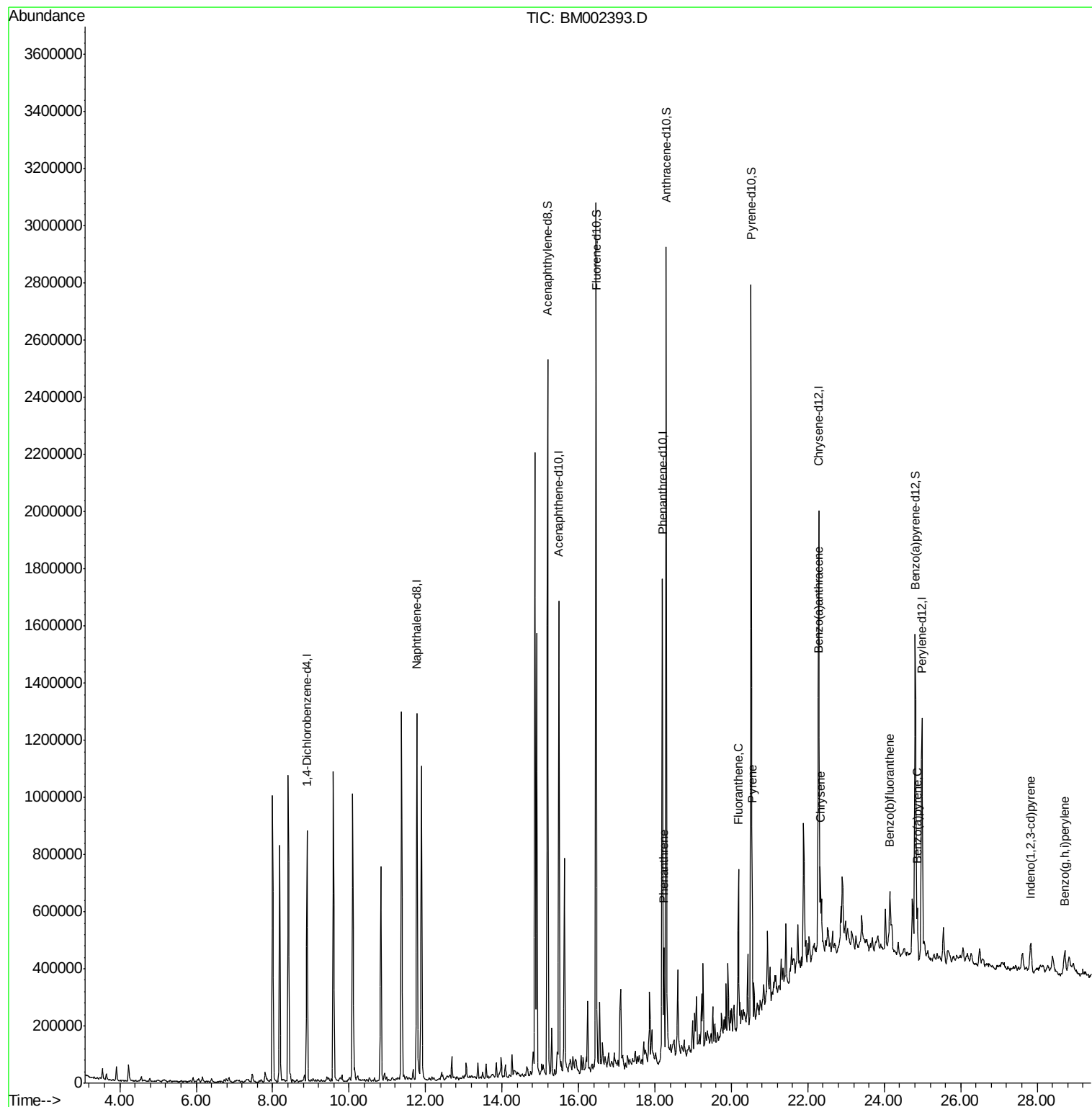
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	238464	4.03	ng/ul	98
16) Fluoranthene	20.19	202	346797	5.29	ng/ul	98
19) Pyrene	20.54	202	306469	6.38	ng/ul	95
20) Benzo(a)anthracene	22.27	228	163125	3.60	ng/ul#	94
21) Chrysene	22.33	228	197716	4.60	ng/ul#	93
23) Benzo(b)fluoranthene	24.15	252	211438	4.85	ng/ul	97
26) Benzo(a)pyrene	24.86	252	136222	3.26	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	27.83	276	101300	2.12	ng/ul	95
29) Benzo(g,h,i)perylene	28.72	276	113534	2.81	ng/ul	95

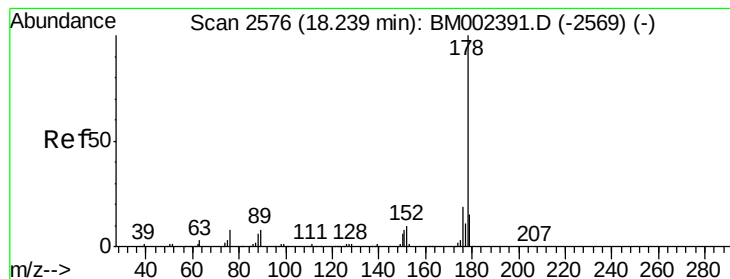
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.03 ng/ul

RT: 18.24 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD00532

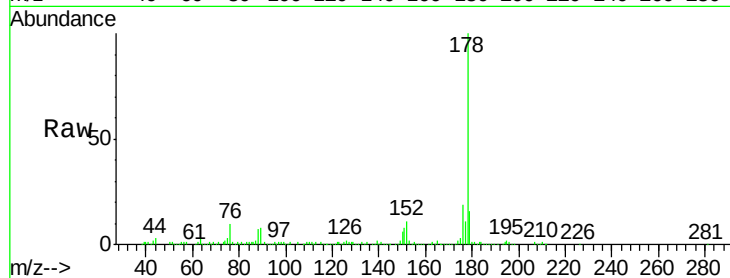
Tgt Ion:178 Resp: 238464

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

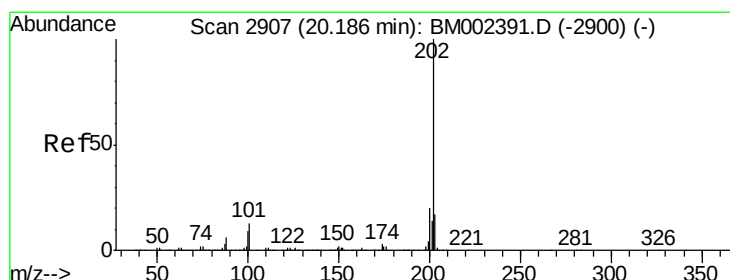
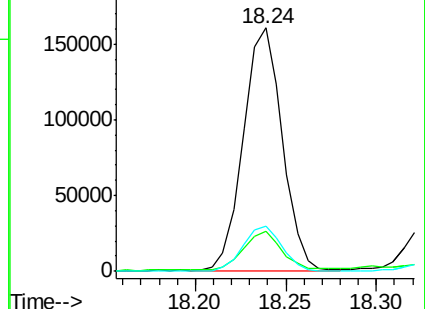
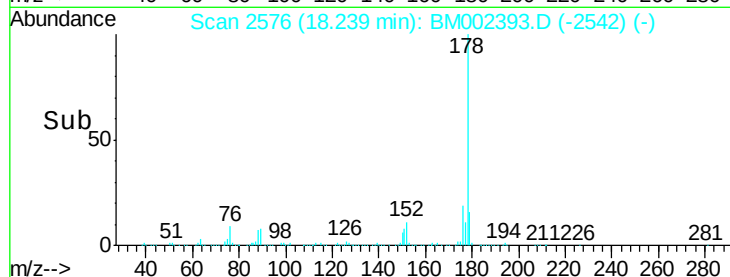
176 18.6 15.3 22.9



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: 5.29 ng/ul

RT: 20.19 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

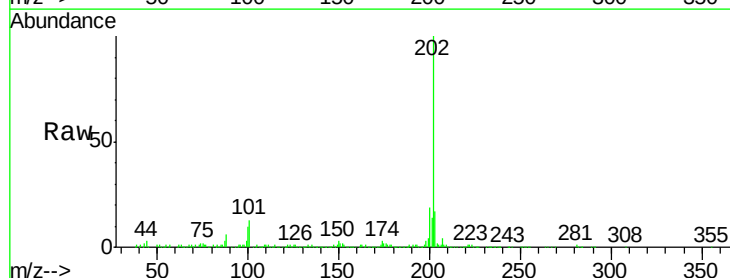
Tgt Ion:202 Resp: 346797

Ion Ratio Lower Upper

202 100

101 12.5 10.6 15.8

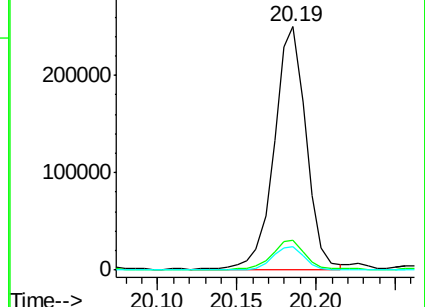
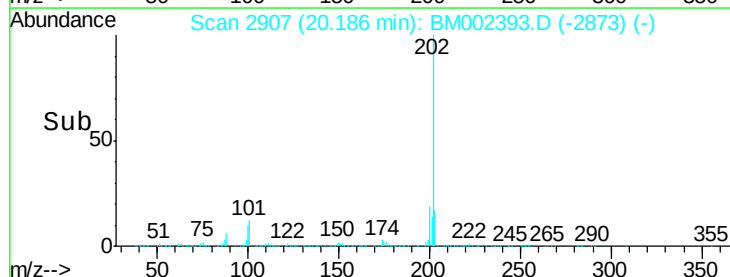
100 9.8 8.2 12.4

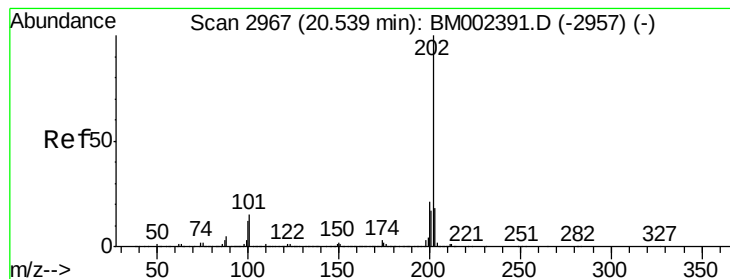


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.38 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. 0.01 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD00532

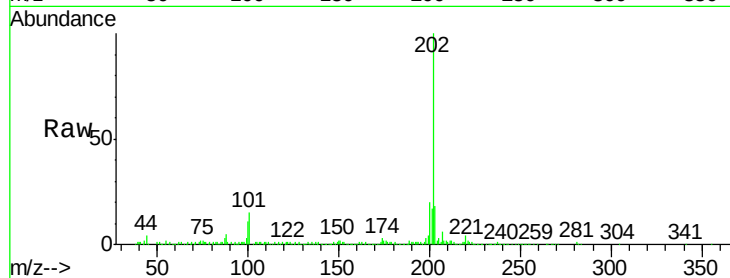
Tgt Ion:202 Resp: 306469

Ion Ratio Lower Upper

202 100

101 14.8 13.0 19.6

100 11.2 11.0 16.4

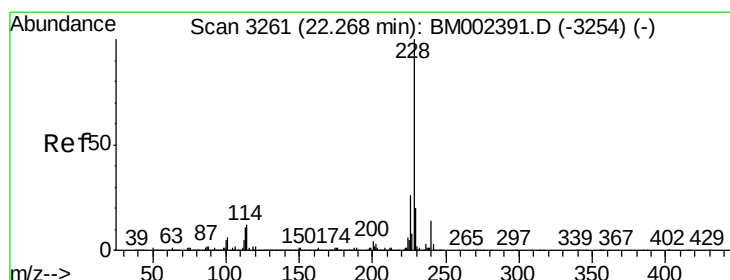
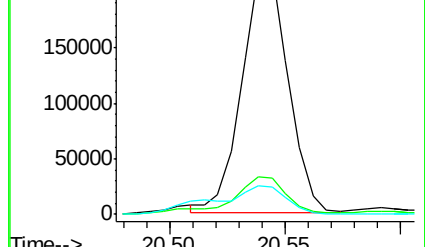
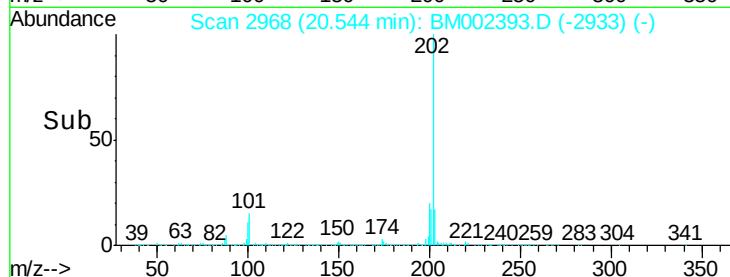


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#20

Benzo(a)anthracene

Concen: 3.60 ng/ul

RT: 22.27 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

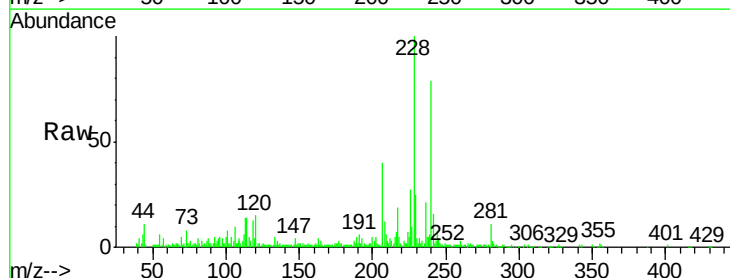
Tgt Ion:228 Resp: 163125

Ion Ratio Lower Upper

228 100

229 25.4 15.7 23.5#

226 27.2 21.4 32.0

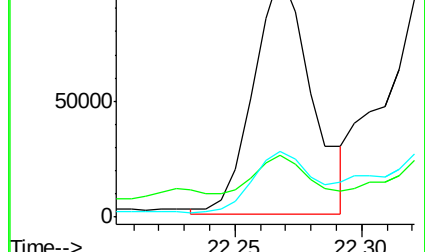
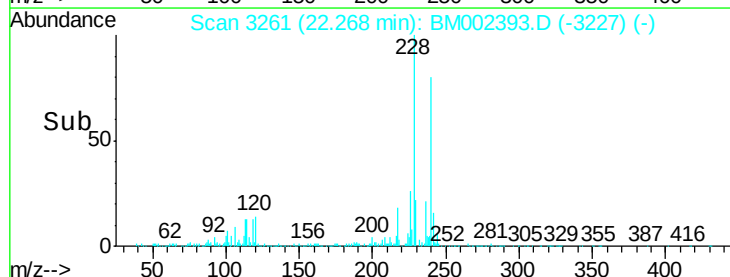


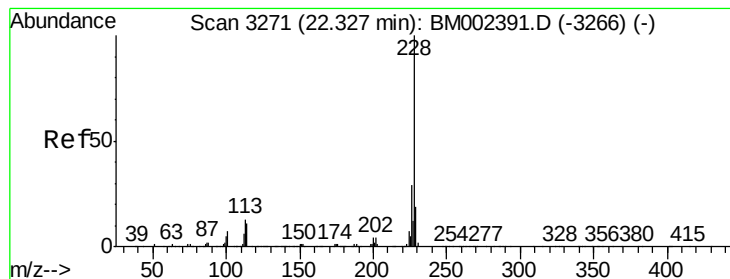
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#21

Chrysene

Concen: 4.60 ng/ul

RT: 22.33 min Scan# 3271

Delta R.T. -0.00 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD00532

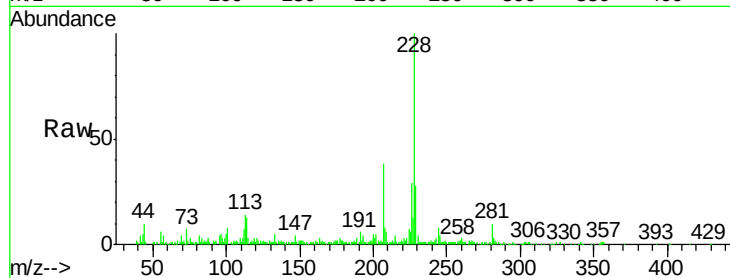
Tgt Ion:228 Resp: 197716

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

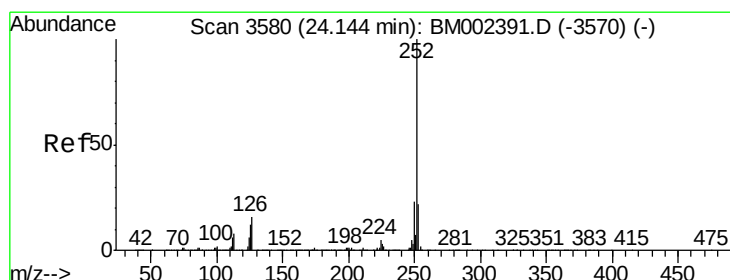
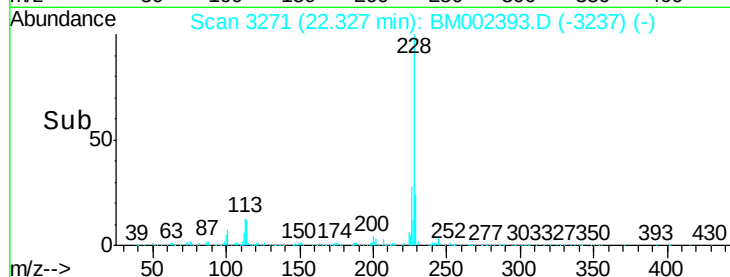
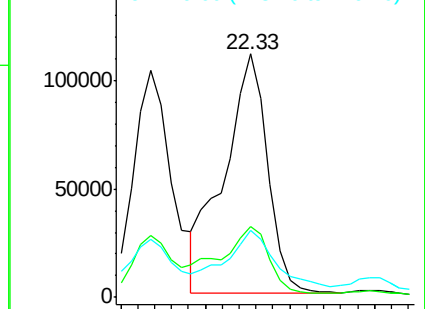
229 27.8 15.5 23.3#



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: 4.85 ng/ul

RT: 24.15 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

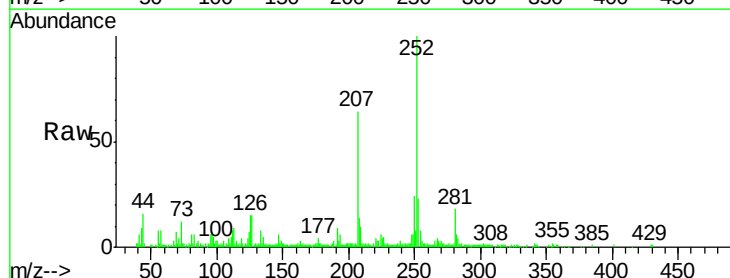
Tgt Ion:252 Resp: 211438

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

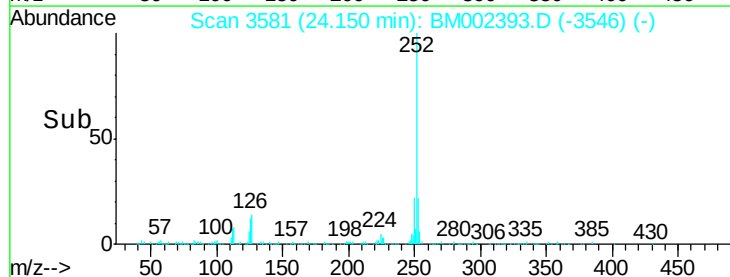
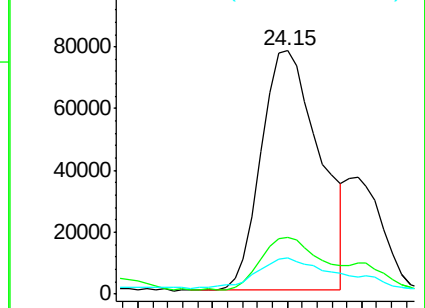
125 14.7 10.3 15.5

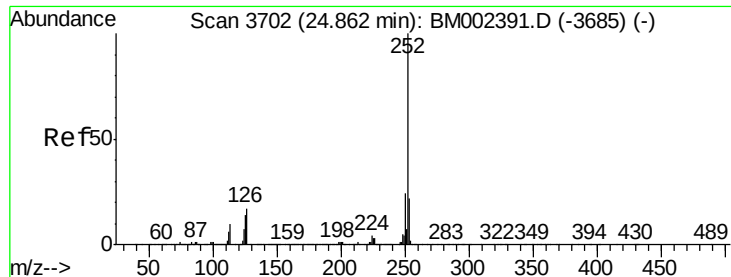


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

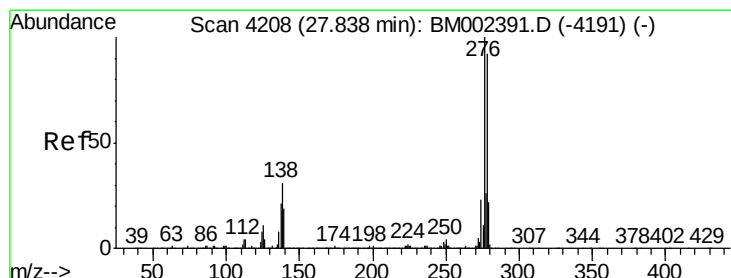
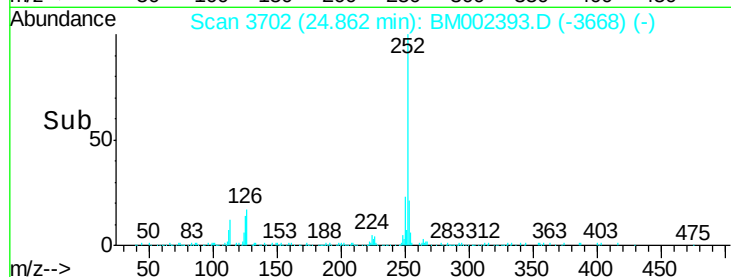
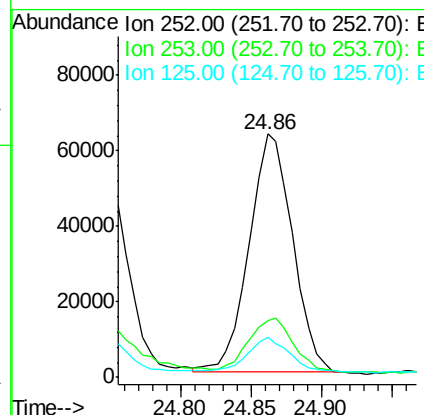
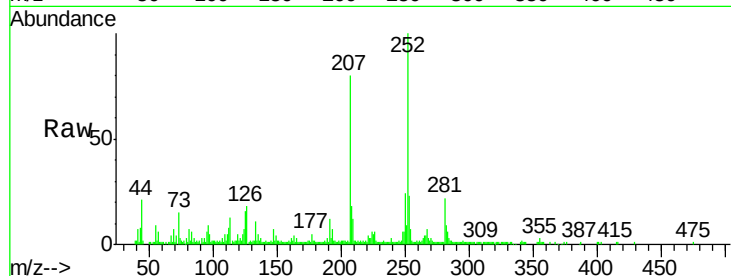




#26
Benzo(a)pyrene
Concen: 3.26 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BM002393.D
Acq: 13 Aug 2015 12:19

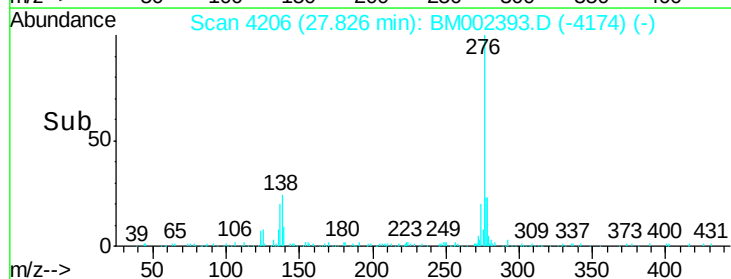
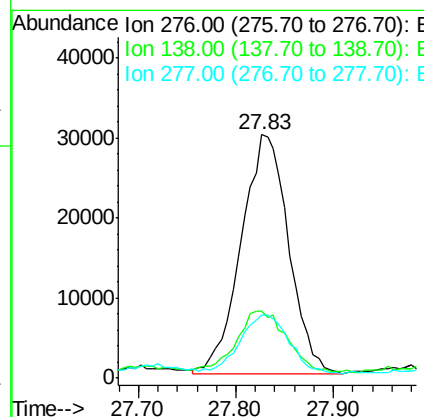
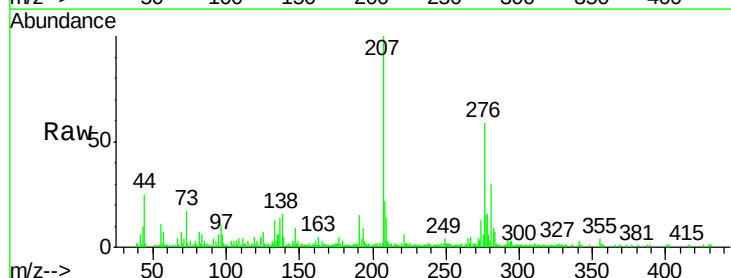
Instrument :
BNA_M
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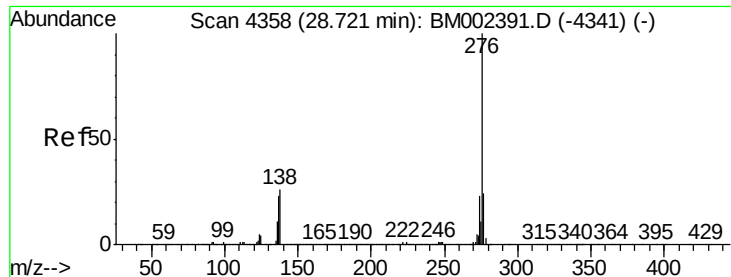
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	16.4	11.0	16.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng/ul
RT: 27.83 min Scan# 4206
Delta R.T. -0.01 min
Lab File: BM002393.D
Acq: 13 Aug 2015 12:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.6	38.4
277	25.9	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 2.81 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM002393.D

Acq: 13 Aug 2015 12:19

Instrument :

BNA_M

ClientSampleId :

SSTD00532

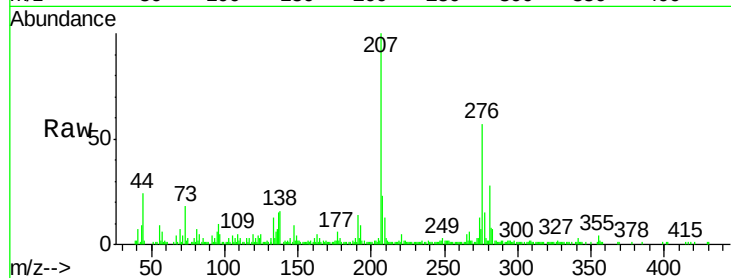
Tgt Ion: 276 Resp: 113534

Ion Ratio Lower Upper

276 100

138 27.9 20.5 30.7

277 26.3 19.0 28.6



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

