

Data Path : Z:\HPCHEM1\BNA_M\Data\BM083115\
 Data File : BM002634.D
 Acq On : 01 Sep 2015 18:33
 Operator : UM/IZ
 Sample : G3457-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EB1

Quant Time: Sep 01 19:08:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

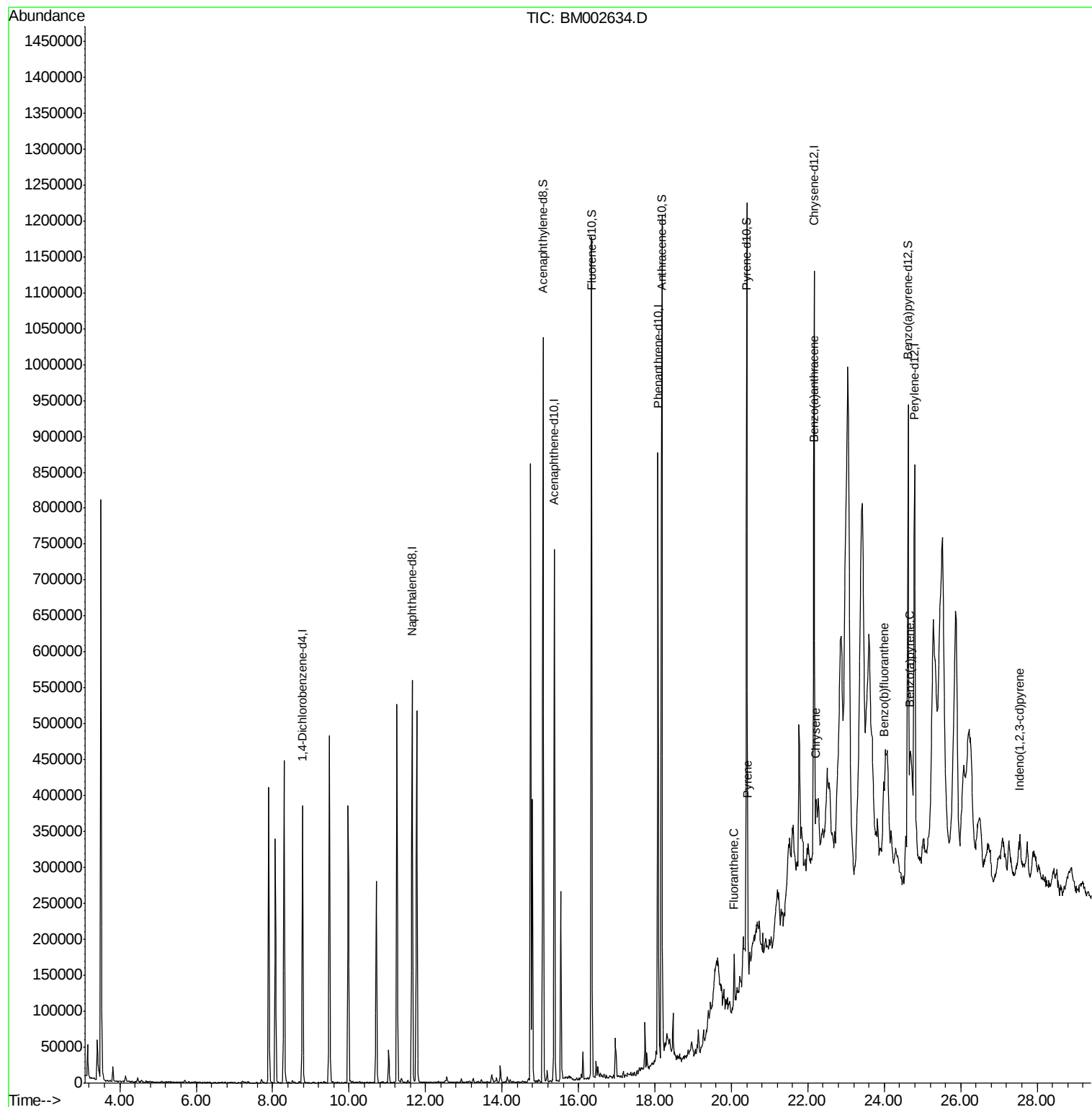
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	117140	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	518724	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	258415	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	496418	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	412294	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	412163	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	777963	29.45	ng/ul	0.00
10) Fluorene-d10	16.34	176	497387	26.80	ng/ul	0.00
14) Anthracene-d10	18.17	188	702266	29.33	ng/ul	0.00
18) Pyrene-d10	20.40	212	534405	29.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	498966	23.05	ng/ul	0.00
Target Compounds						
16) Fluoranthene	20.07	202	43398	1.34	ng/ul	Qvalue 98
19) Pyrene	20.43	202	46170	1.91	ng/ul	96
20) Benzo(a)anthracene	22.14	228	39624	1.61	ng/ul#	95
21) Chrysene	22.20	228	43762	1.90	ng/ul#	93
23) Benzo(b)fluoranthene	23.98	252	74771	3.00	ng/ul#	91
26) Benzo(a)pyrene	24.67	252	47256	1.99	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	27.56	276	32790	1.20	ng/ul	100

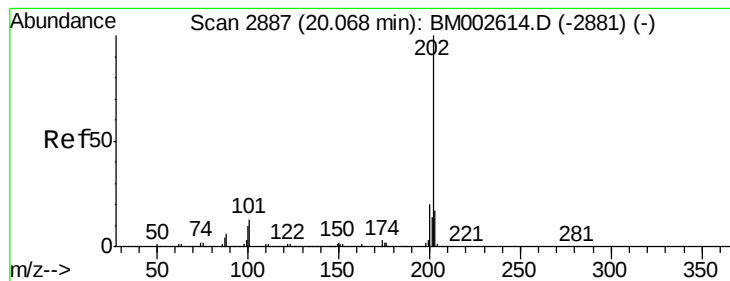
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Fluoranthene

Concen: 1.34 ng/ul

RT: 20.07 min Scan# 2888

Delta R.T. 0.01 min

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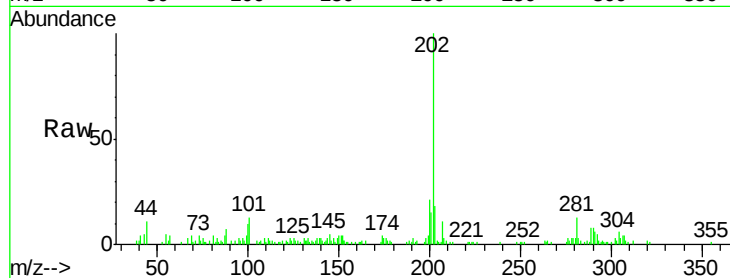
Tgt Ion:202 Resp: 43398

Ion Ratio Lower Upper

202 100

101 12.8 9.7 14.5

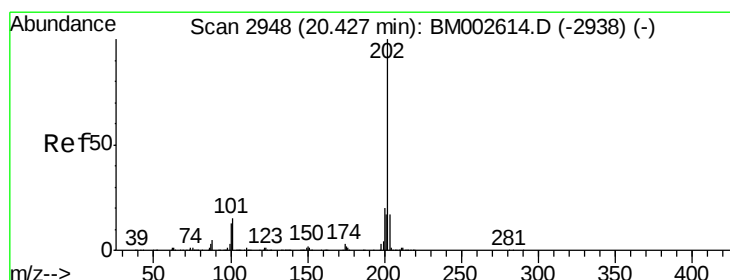
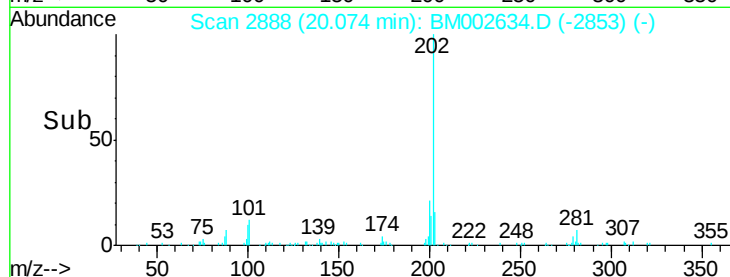
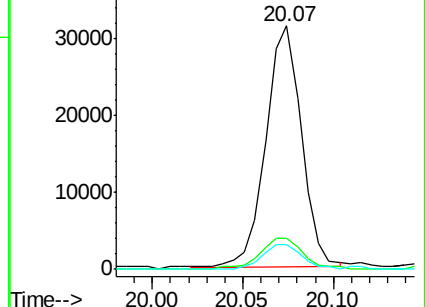
100 10.1 7.4 11.2



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: 1.91 ng/ul

RT: 20.43 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

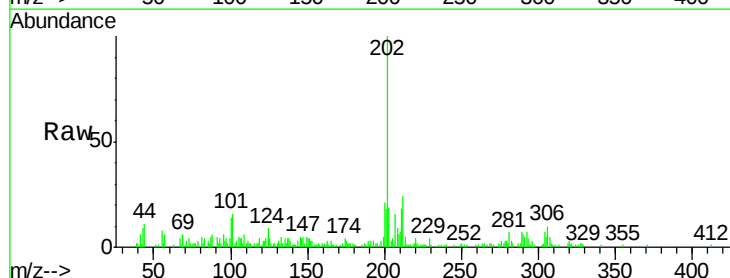
Tgt Ion:202 Resp: 46170

Ion Ratio Lower Upper

202 100

101 16.2 12.0 18.0

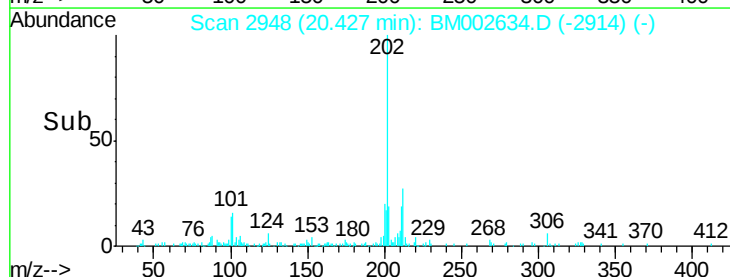
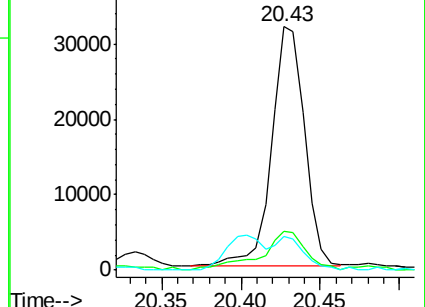
100 13.8 9.7 14.5

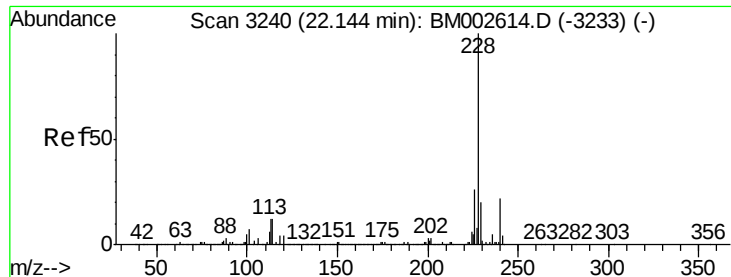


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.61 ng/ul

RT: 22.14 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

Instrument :

BNA_M

ClientSampleId :

D9EB1

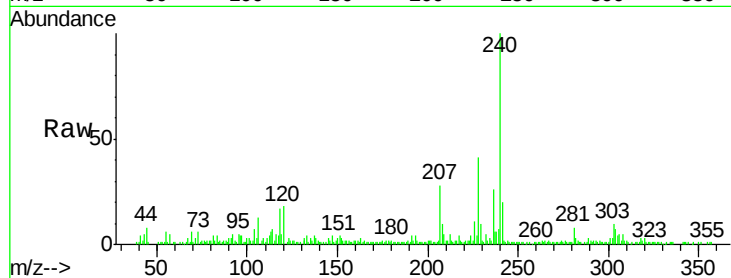
Tgt Ion:228 Resp: 39624

Ion Ratio Lower Upper

228 100

229 23.8 15.8 23.6#

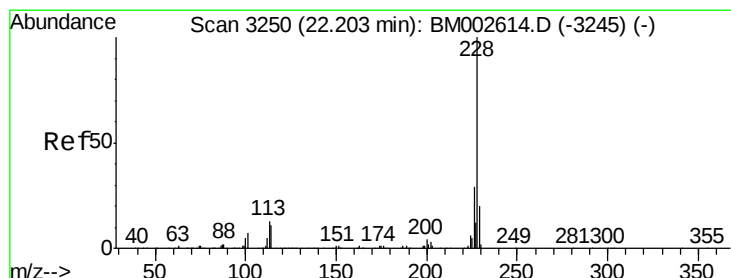
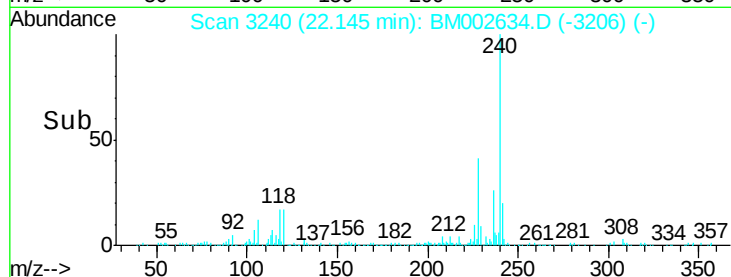
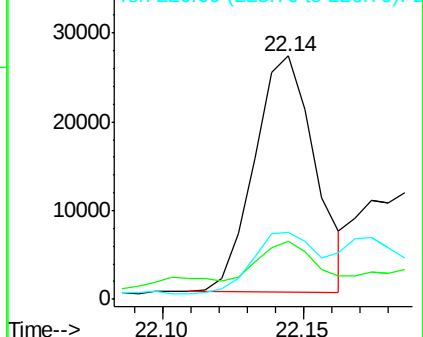
226 27.3 21.1 31.7



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: 1.90 ng/ul

RT: 22.20 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

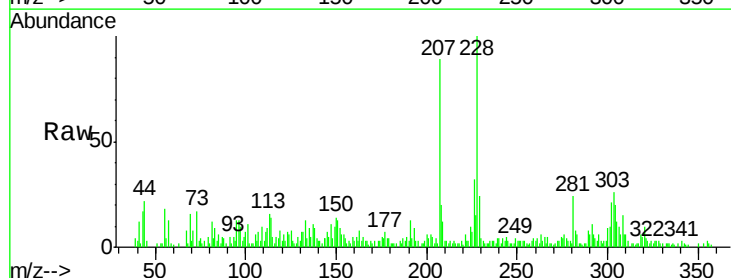
Tgt Ion:228 Resp: 43762

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.2

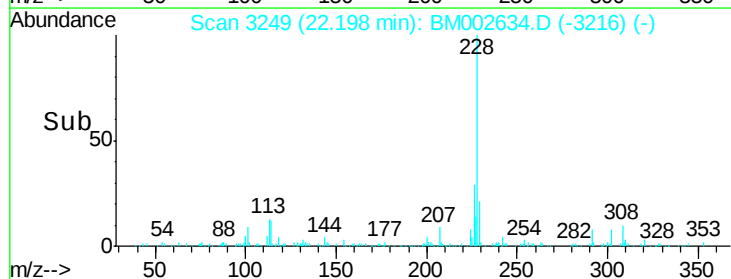
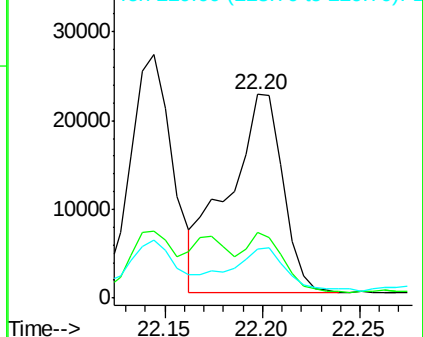
229 23.9 15.7 23.5#

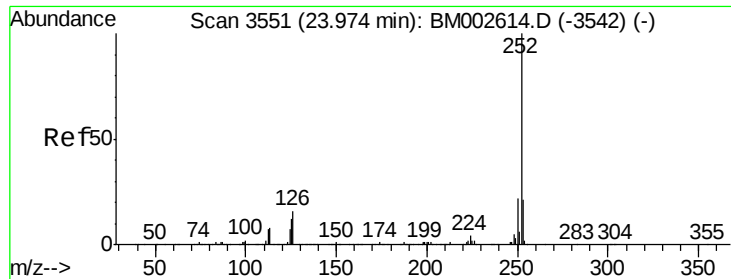


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 3.00 ng/ul

RT: 23.98 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

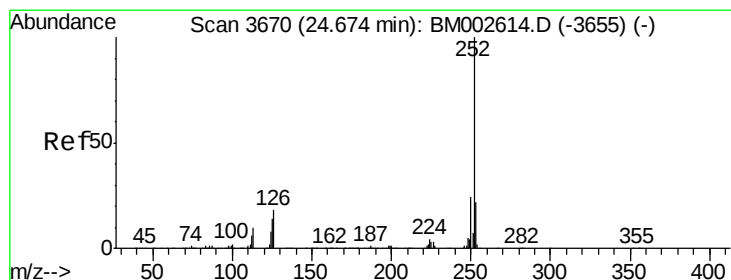
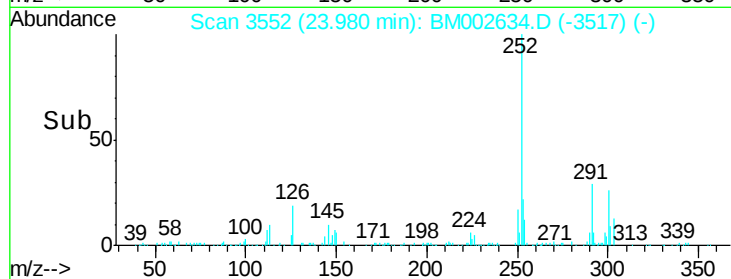
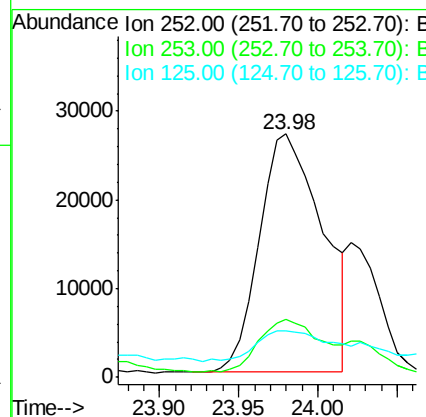
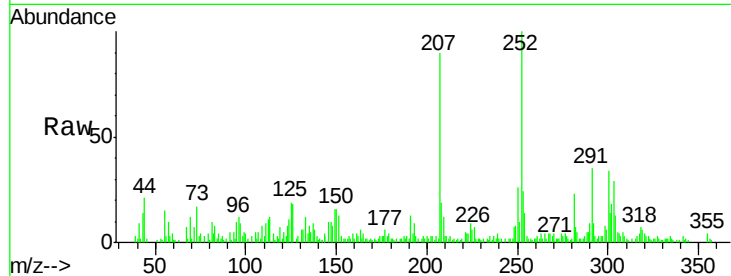
Instrument :

BNA_M

ClientSampleId :

D9EB1

Tgt Ion:	252	Resp:	74771
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	19.1	10.0	15.0#



#26

Benzo(a)pyrene

Concen: 1.99 ng/ul

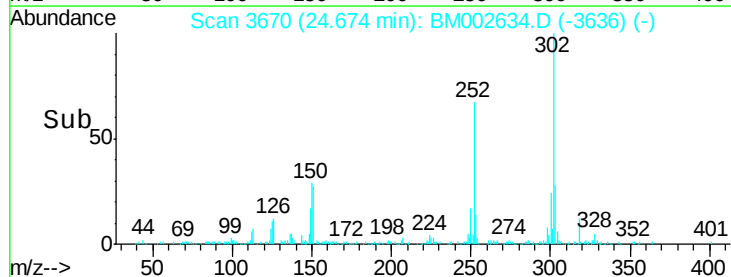
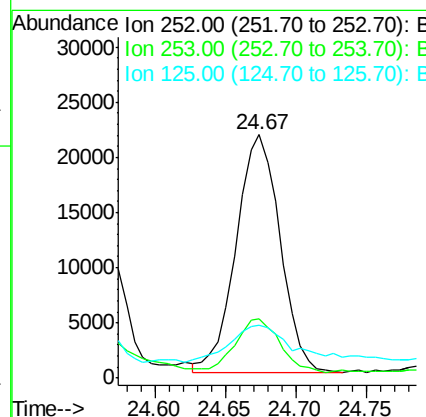
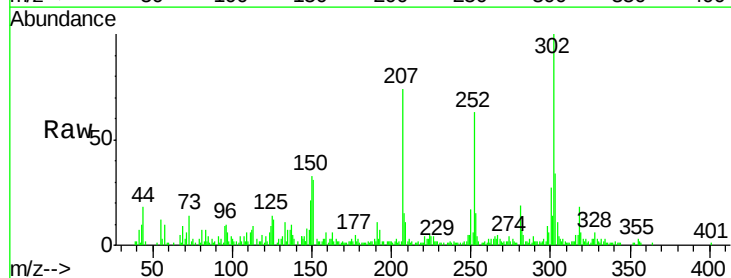
RT: 24.67 min Scan# 3670

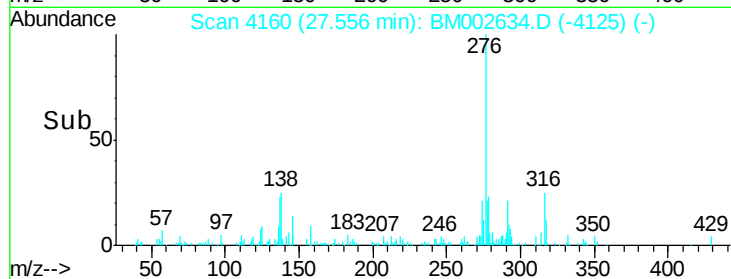
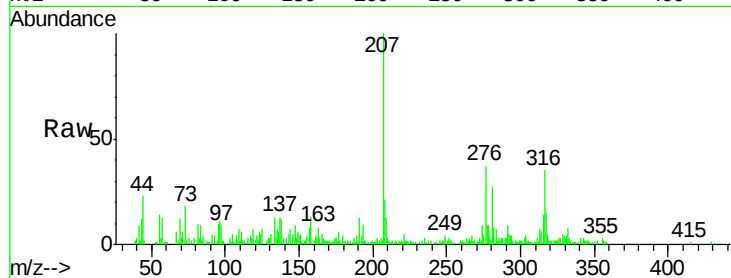
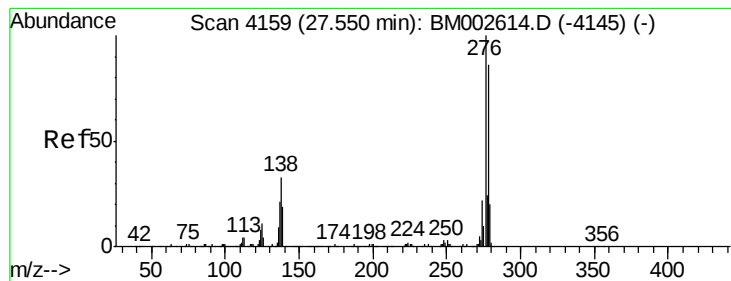
Delta R.T. 0.00 min

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Tgt Ion:	252	Resp:	47256
Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	21.6	10.7	16.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.20 ng/ul

RT: 27.56 min Scan# 4160

Delta R.T. 0.01 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

Instrument :

BNA_M

ClientSampleId :

D9EB1

Tgt Ion:276 Resp: 32790

Ion Ratio Lower Upper

276 100

138 31.6 25.3 37.9

277 25.4 20.2 30.2

