

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

Manual Integrations
 APPROVED

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 9/2/2015 1:36:27 PM

Quant Time: Sep 01 19:11:32 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
29) Benzo(g,h,i)perylene	28.43	276	33932m	1.49	ng/ul	

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

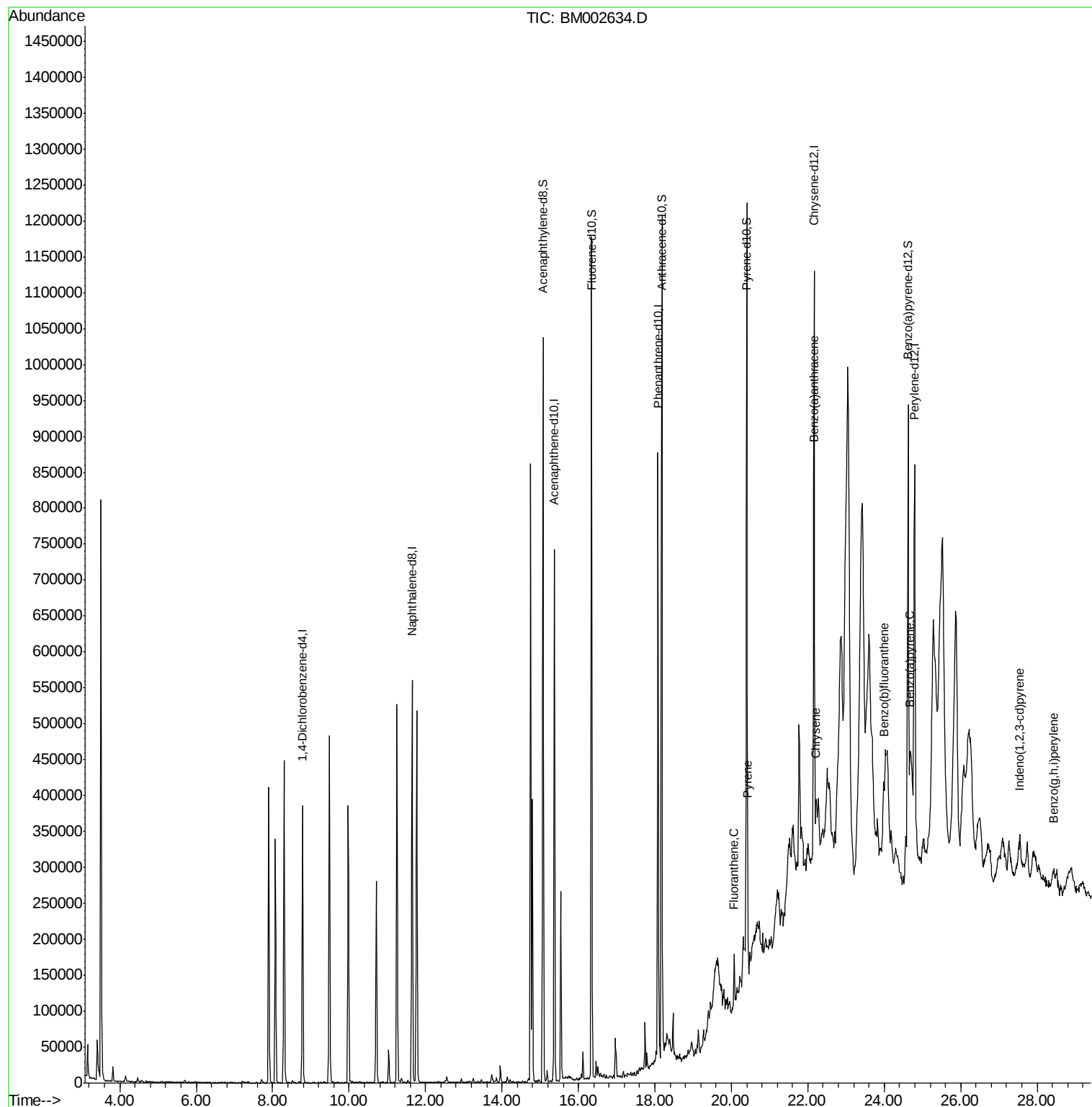
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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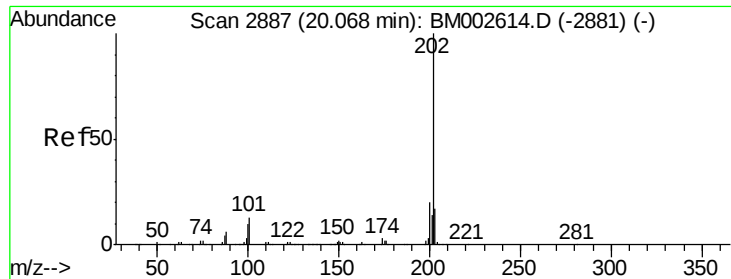
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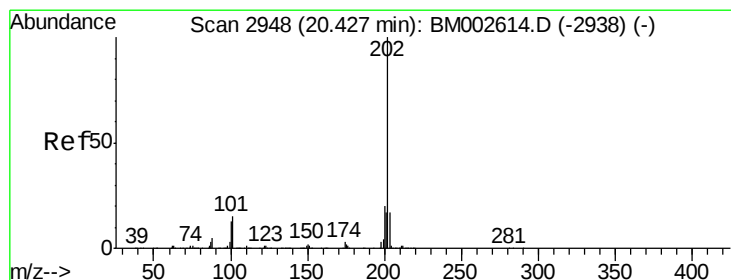
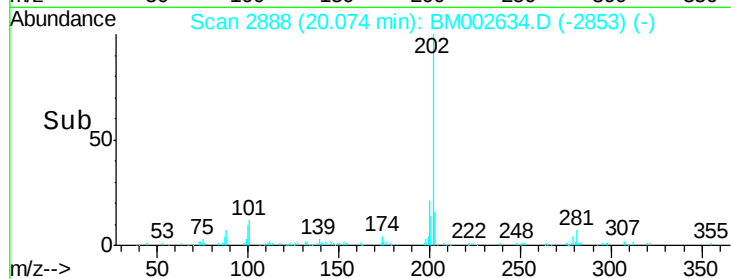
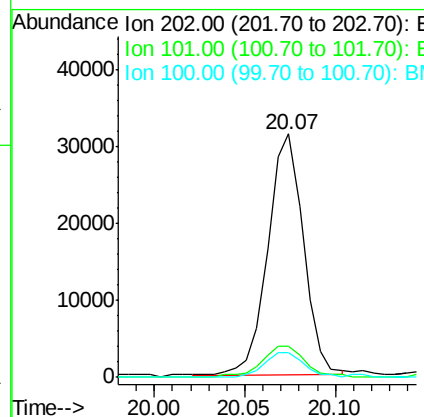
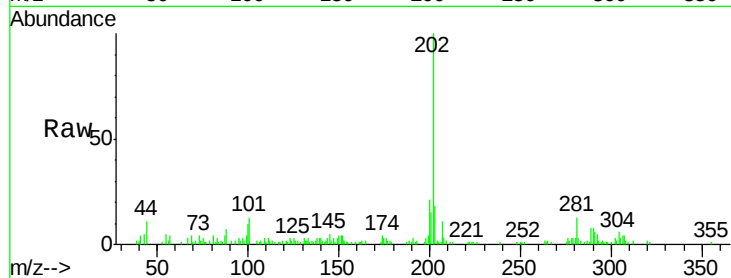
#16
 Fluoranthene
 Concen: 1.34 ng/ul
 RT: 20.07 min Scan# 2888
 Delta R.T. 0.01 min
 Lab File: BM002634.D
 Acq: 01 Sep 2015 18:33

Instrument :
 BNA_M
 ClientSampleId :
 D9EB1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43398		
101	12.8	9.7	14.5	
100	10.1	7.4	11.2	

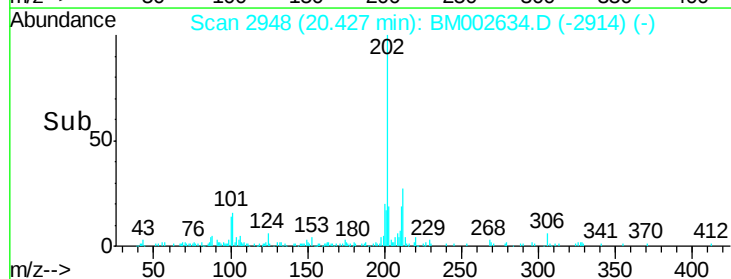
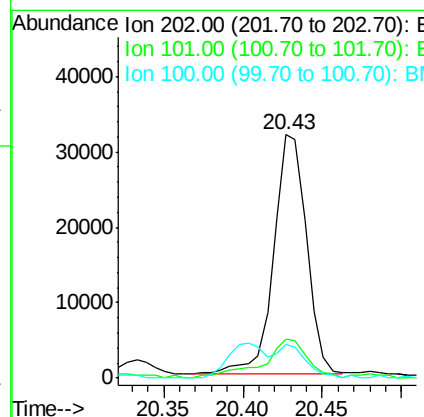
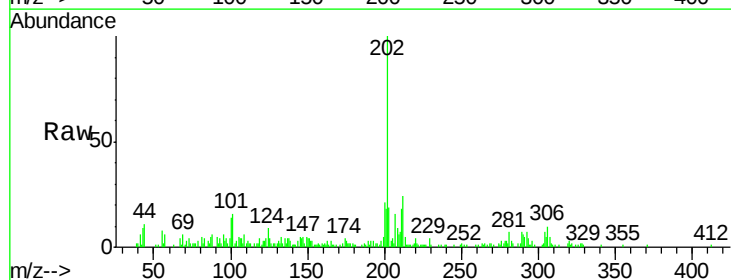
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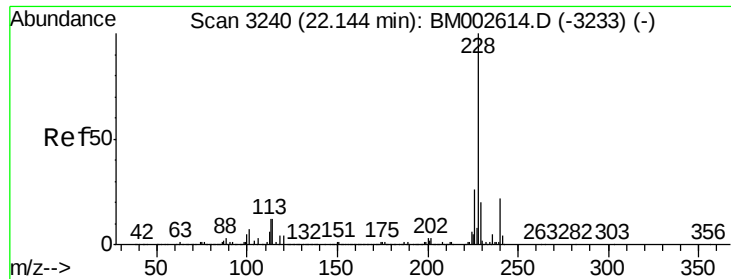
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#19
 Pyrene
 Concen: 1.91 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002634.D
 Acq: 01 Sep 2015 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46170		
101	16.2	12.0	18.0	
100	13.8	9.7	14.5	





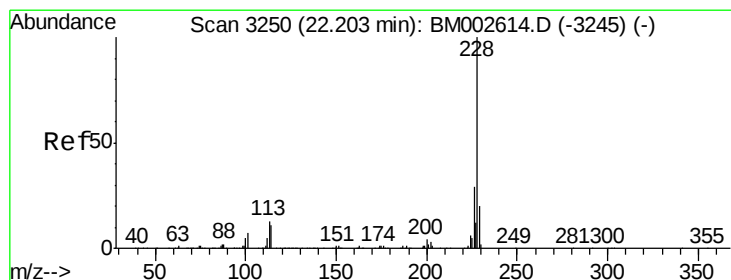
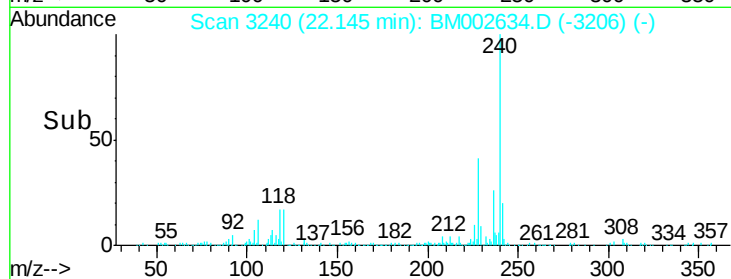
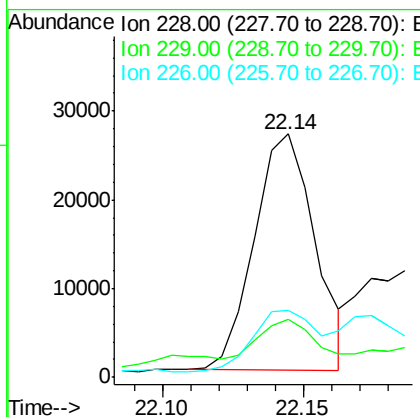
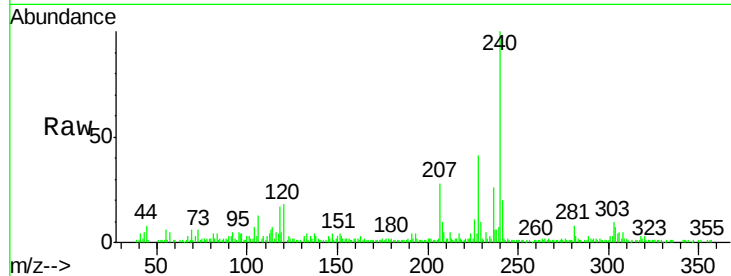
#20
Benzo(a)anthracene
Concen: 1.61 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002634.D
Acq: 01 Sep 2015 18:33

Instrument :
BNA_M
ClientSampleId :
D9EB1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	39624		
229	23.8	15.8	23.6#	
226	27.3	21.1	31.7	

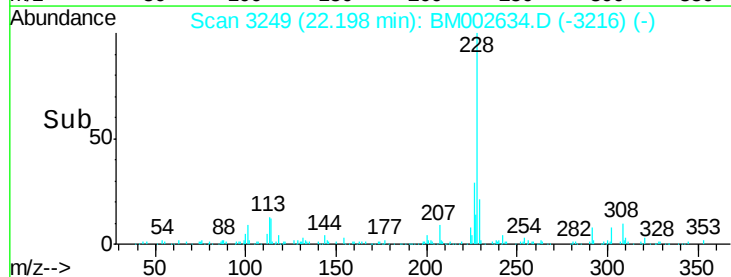
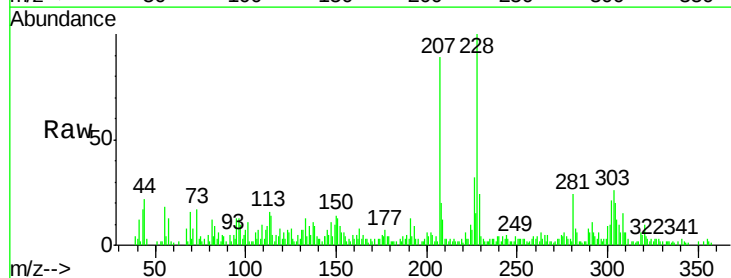
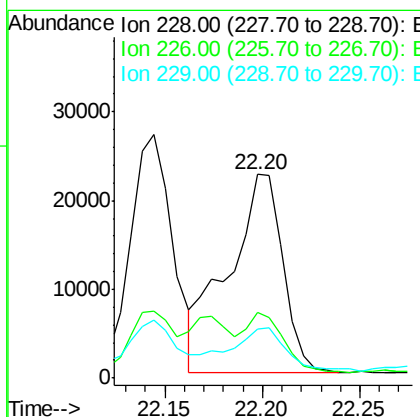
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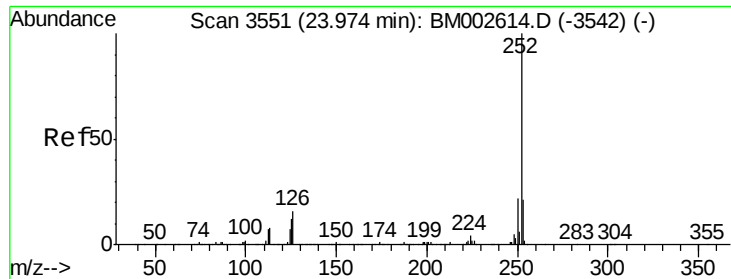
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#21
Chrysene
Concen: 1.90 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002634.D
Acq: 01 Sep 2015 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	43762		
226	32.1	23.4	35.2	
229	23.9	15.7	23.5#	





#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

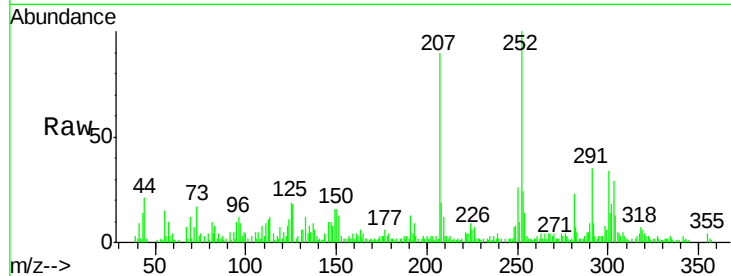
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Instrument :

BNA_M

ClientSampleId :

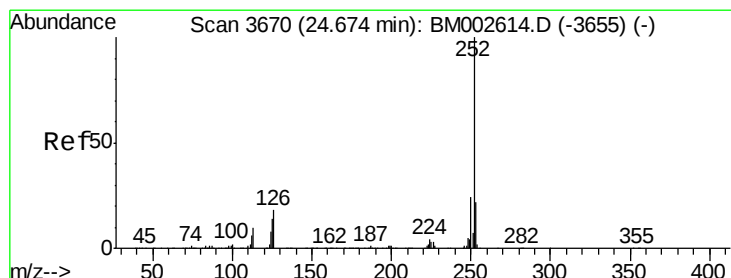
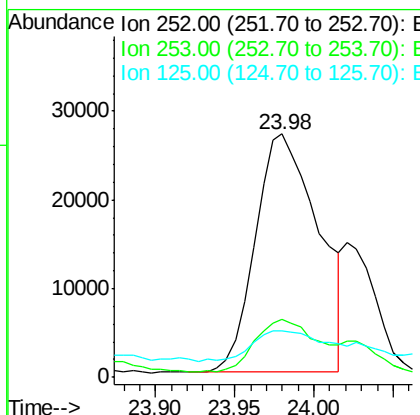
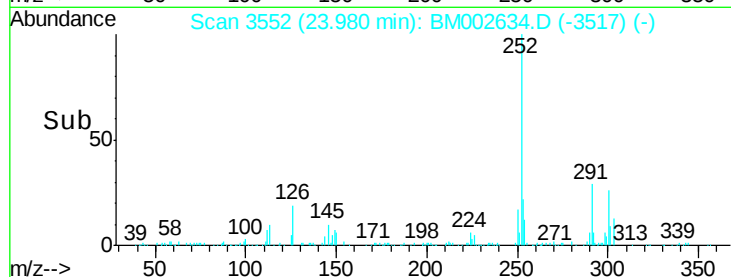
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Tgt Ion:	252	Resp:	74771
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	19.1	10.0	15.0#

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#26

Benzo(a)pyrene

Concen: 1.99 ng/ul

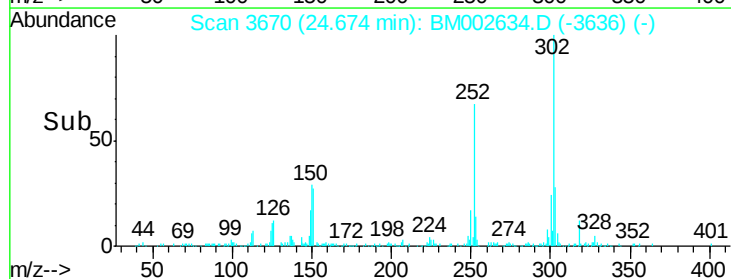
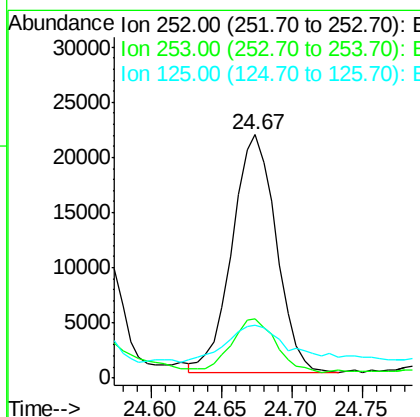
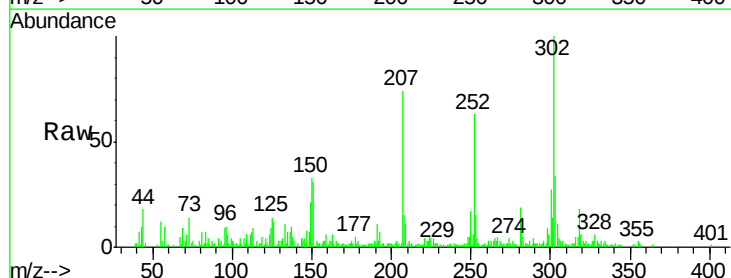
RT: 24.67 min Scan# 3670

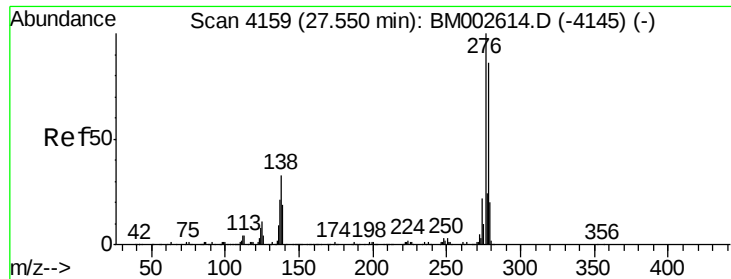
Delta R.T. 0.00 min

Lab File: BM002634.D

Acq: 01 Sep 2015 18:33

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#





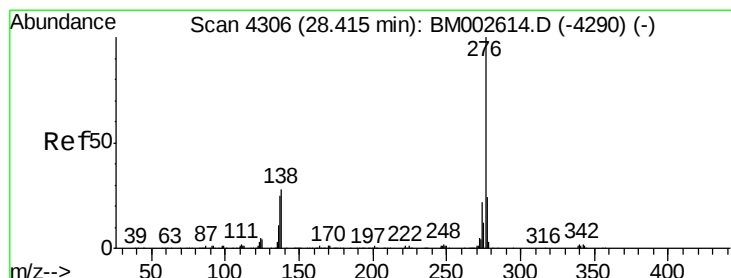
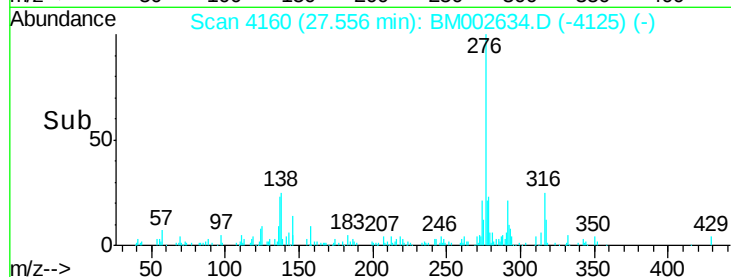
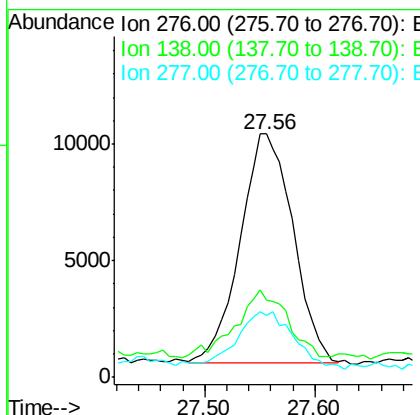
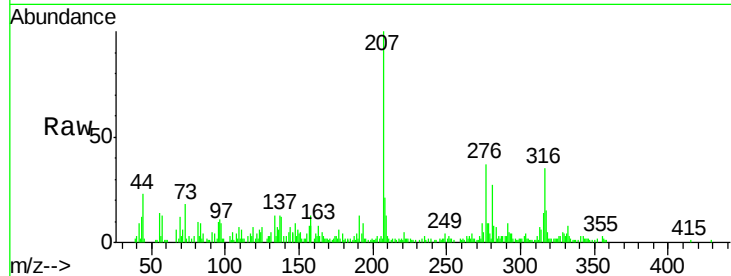
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.20 ng/ul
 RT: 27.56 min Scan# 4160
 Delta R.T. 0.01 min
 Lab File: BM002634.D
 Acq: 01 Sep 2015 18:33

Instrument :
 BNA_M
 ClientSampleId :
 D9EB1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.3	37.9
277	25.4	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 1.49 ng/ul m
 RT: 28.43 min Scan# 4309
 Delta R.T. 0.02 min
 Lab File: BM002634.D
 Acq: 01 Sep 2015 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.7	21.0	31.6#
277	26.4	19.2	28.8

