

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080915\
 Data File : BM002310.D
 Acq On : 09 Aug 2015 12:06
 Operator : TP/UM
 Sample : G3161-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C61

Manual Integrations
 APPROVED

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 8/10/2015 7:29:18 PM

Quant Time: Aug 10 06:02:29 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 05:35:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	302577	20.00	ng/ul	0.00
2) Naphthalene-d8	11.79	136	1428790	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	738472	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1457930	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1183282	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	1016179	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	2001616	26.16	ng/ul	0.00
10) Fluorene-d10	16.47	176	1283701	24.13	ng/ul	0.00
14) Anthracene-d10	18.31	188	1791905	25.33	ng/ul	0.00
18) Pyrene-d10	20.52	212	1630770	28.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1253394	23.23	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.25	178	89576	1.07	ng/ul	Ovalue 98
16) Fluoranthene	20.19	202	195192	2.10	ng/ul	98
19) Pyrene	20.55	202	165064	2.16	ng/ul	99
20) Benzo(a)anthracene	22.27	228	85820	1.19	ng/ul	98
21) Chrysene	22.33	228	95736m	1.40	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	118467	1.88	ng/ul#	95
26) Benzo(a)pyrene	24.87	252	78163	1.29	ng/ul#	92

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

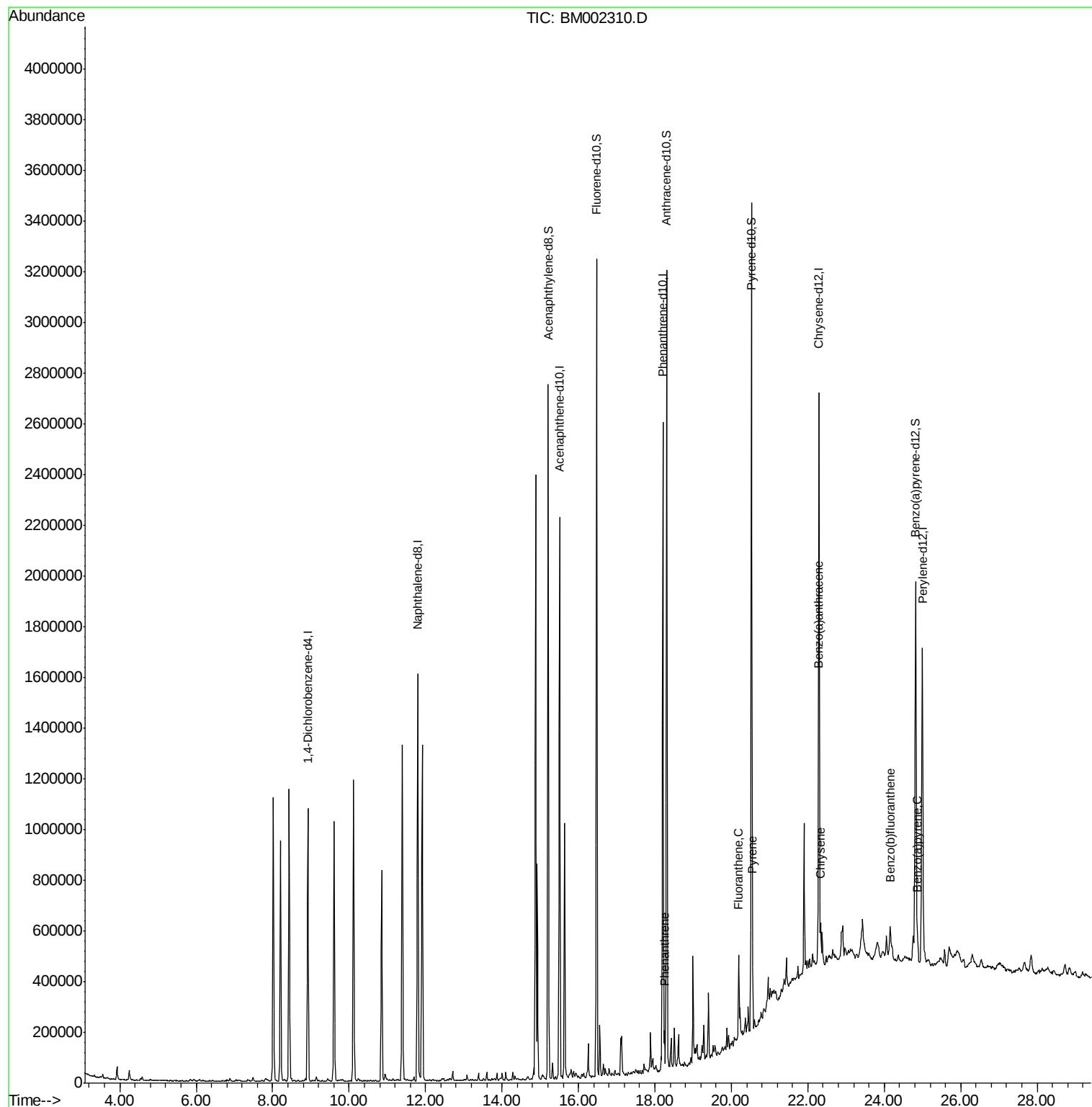
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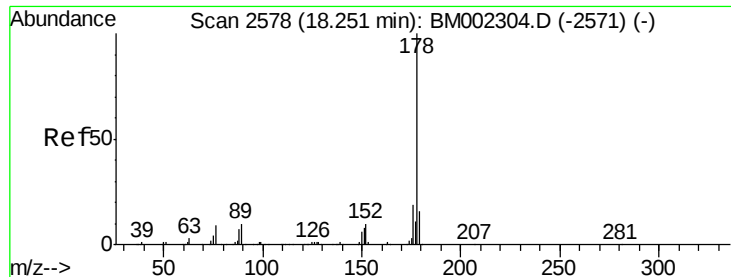
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#13

Phenanthrene

Concen: 1.07 ng/ul

RT: 18.25 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

Instrument :

BNA_M

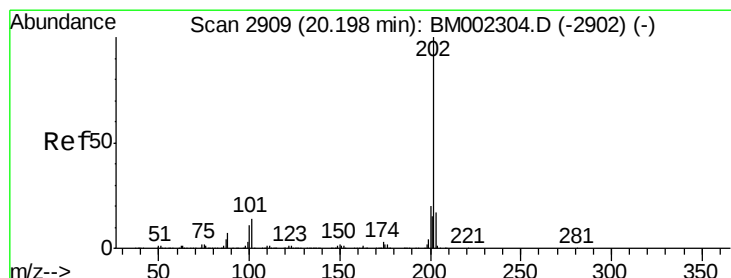
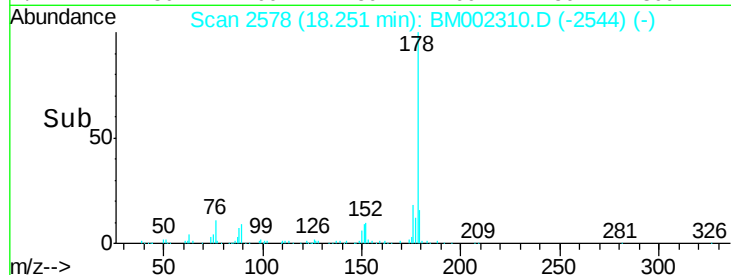
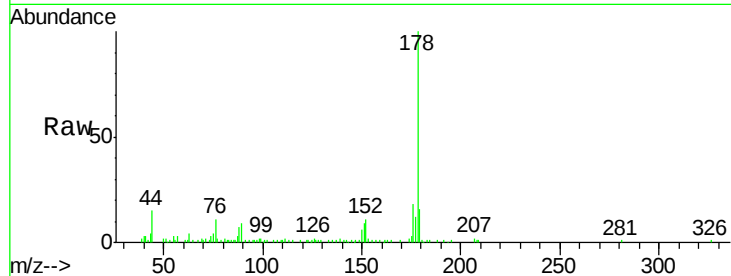
ClientSampleId :

D9C61

Tot Ion:	178	Resp:	89576
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.3	18.5
176	18.5	15.3	22.9

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#16

Fluoranthene

Concen: 2.10 ng/ul

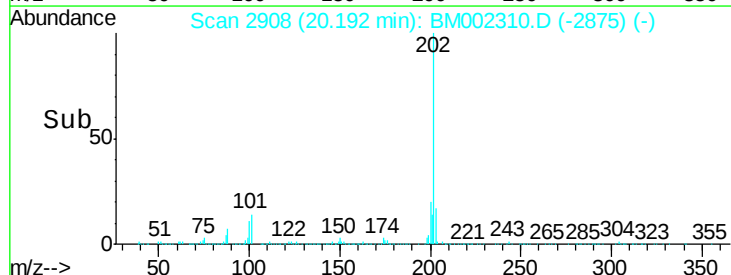
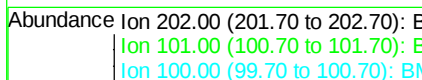
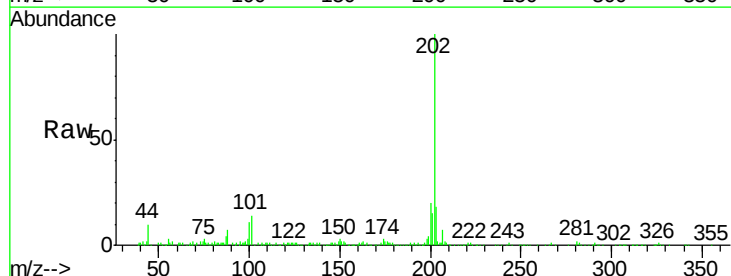
RT: 20.19 min Scan# 2908

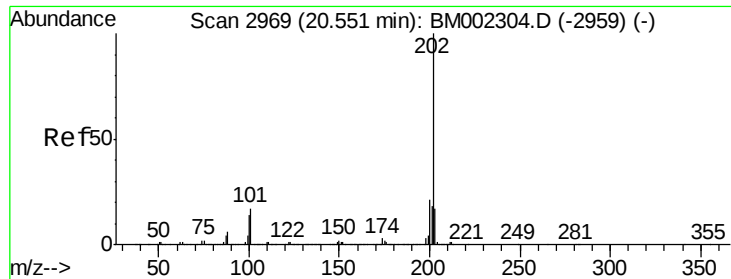
Delta R.T. -0.01 min

Lab File: BM002310.D

Acq: 09 Aug 2015 12:06

Tgt Ion:	202	Resp:	195192
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.6	15.8
100	11.2	8.2	12.4





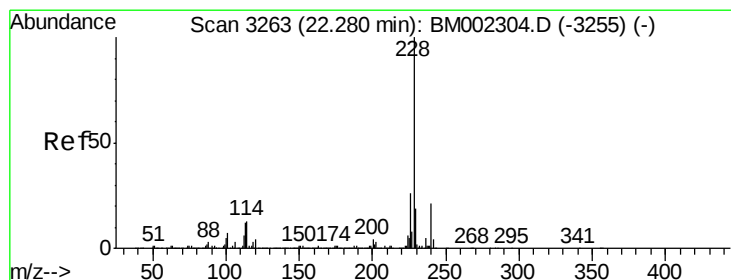
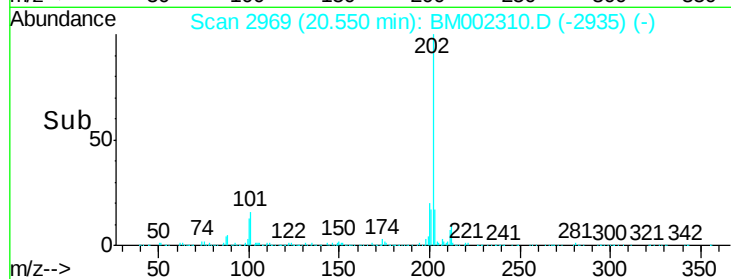
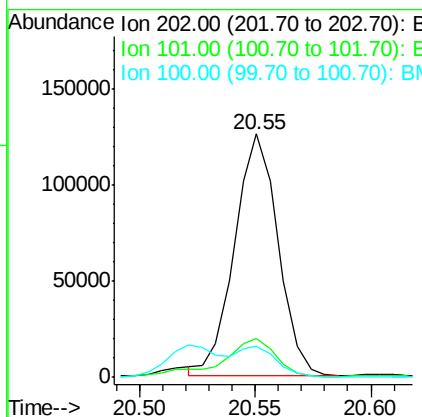
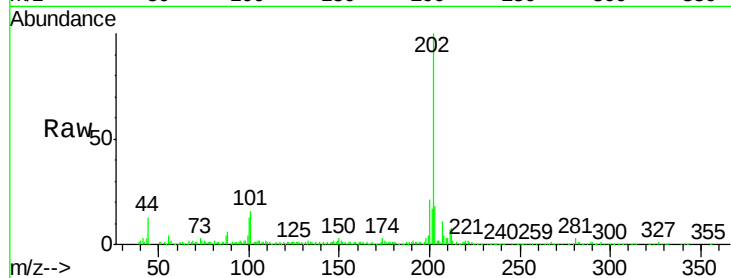
#19
Pvrene
Concen: 2.16 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BM002310.D
Acq: 09 Aug 2015 12:06

Instrument :
BNA_M
ClientSampleId :
D9C61

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		165064		
101	16.2	13.0	19.6		
100	12.9	11.0	16.4		

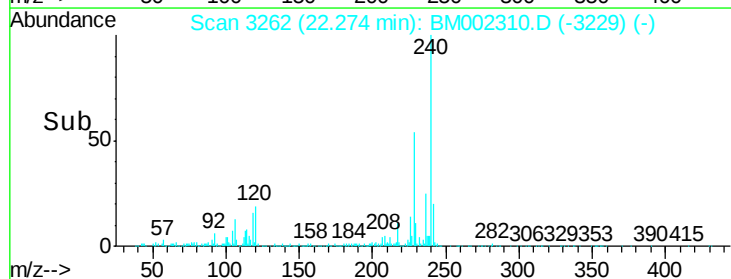
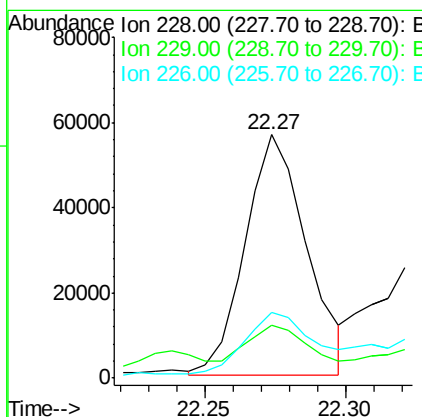
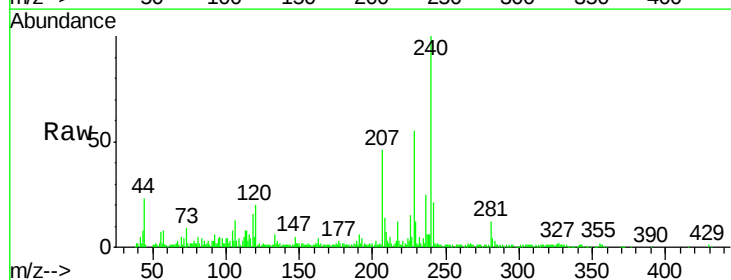
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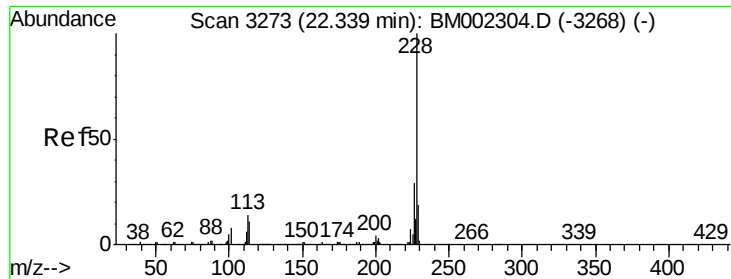
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#20
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BM002310.D
Acq: 09 Aug 2015 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		85820		
229	21.6	15.7	23.5		
226	26.8	21.4	32.0		





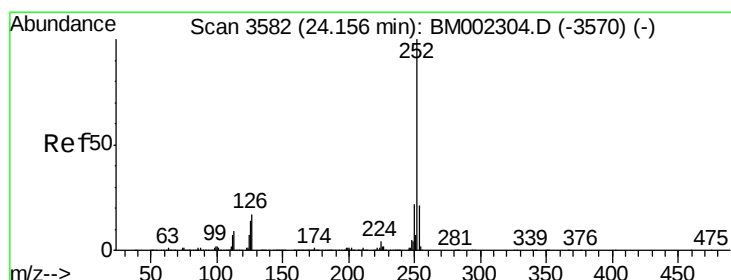
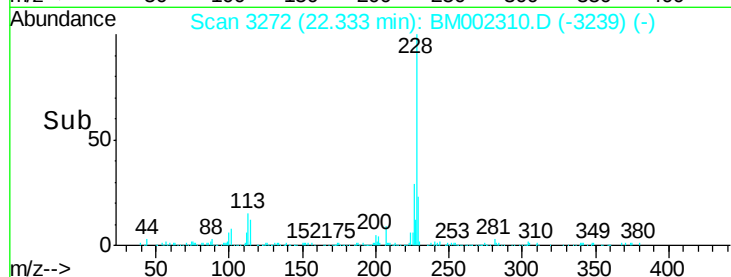
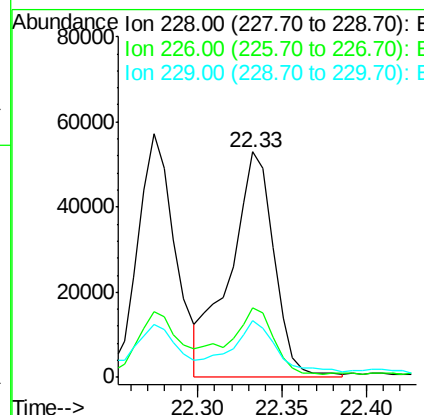
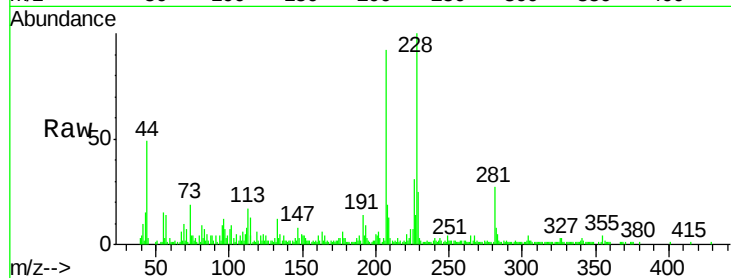
#21
Chrysene
Concen: 1.40 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BM002310.D
Acq: 09 Aug 2015 12:06

Instrument :
BNA_M
ClientSampleId :
D9C61

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	24.9	15.5	23.3

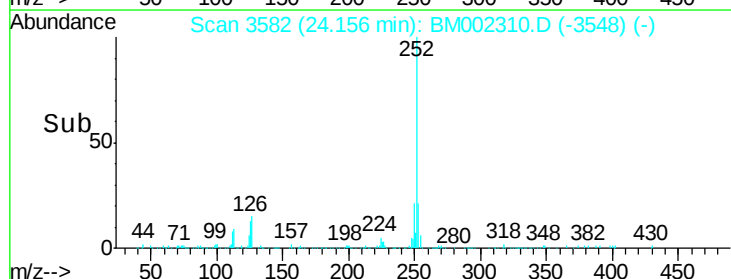
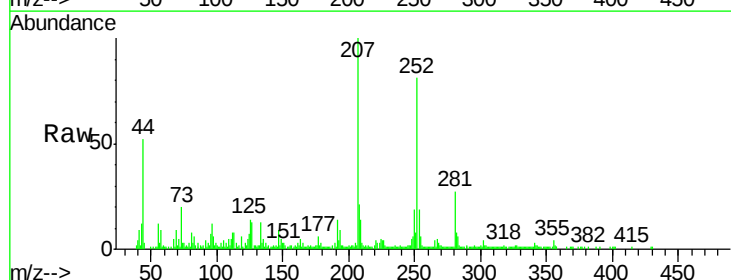
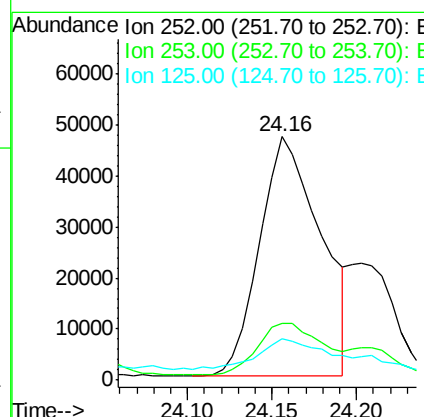
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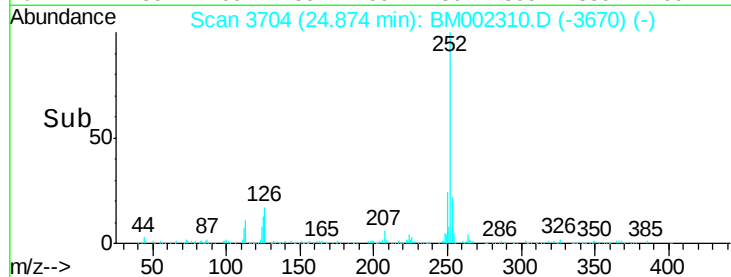
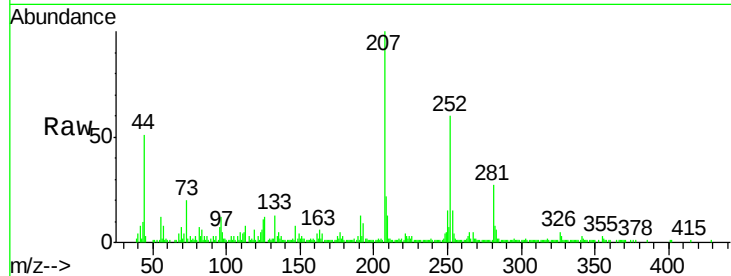
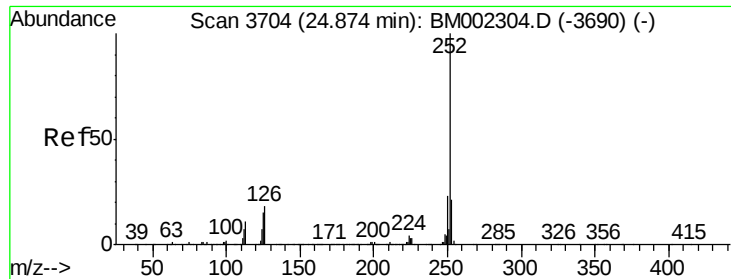
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#23
Benzo(b)fluoranthene
Concen: 1.88 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BM002310.D
Acq: 09 Aug 2015 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	17.2	10.3	15.5





#26
Benzo(a)pyrene
Concen: 1.29 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BM002310.D
Acq: 09 Aug 2015 12:06

Instrument :
BNA_M
ClientSampleId :
D9C61

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	17.8	11.0	16.6

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