

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002611.D
 Acq On : 01 Sep 2015 04:32
 Operator : UM/IZ
 Sample : G3457-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MS

Manual Integrations
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 9/1/2015 2:58:23 PM

Quant Time: Sep 01 05:10:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123703	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	508990	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	300084	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	602472	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	453972	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	432266	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	611486	19.93	ng/ul	0.00
10) Fluorene-d10	16.34	176	404846	18.79	ng/ul	0.00
14) Anthracene-d10	18.17	188	554211	19.07	ng/ul	0.00
18) Pyrene-d10	20.40	212	474230	23.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	357940	15.76	ng/ul	0.00
Target Compounds						
9) Acenaphthene	15.43	153	459232	21.71	ng/ul	Qvalue 99
13) Phenanthrene	18.12	178	111144	3.19	ng/ul	99
16) Fluoranthene	20.07	202	269153	6.83	ng/ul	96
19) Pyrene	20.43	202	948113	35.65	ng/ul	97
20) Benzo(a)anthracene	22.14	228	121852	4.49	ng/ul	97
21) Chrysene	22.20	228	128991	5.08	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	182416	6.98	ng/ul#	95
24) Benzo(k)fluoranthene	24.02	252	69494m	2.81	ng/ul	
26) Benzo(a)pyrene	24.67	252	113992	4.57	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.55	276	90713	3.16	ng/ul	95
28) Dibenzo(a,h)anthracene	27.54	278	25228	1.05	ng/ul#	72
29) Benzo(g,h,i)perylene	28.41	276	76881	3.22	ng/ul	98

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

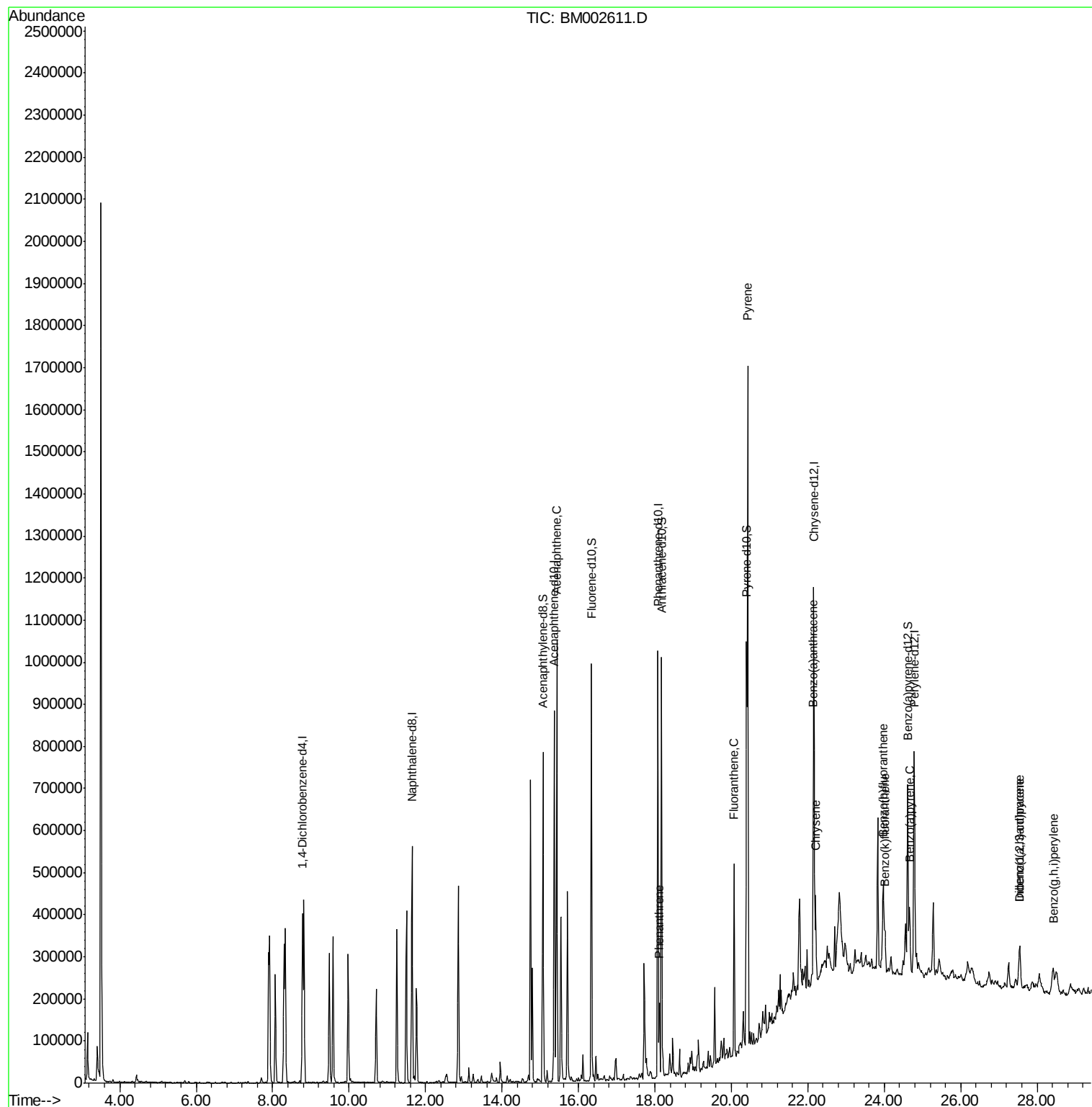
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002611.D
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ALS Vial : 25 Sample Multiplier: 1

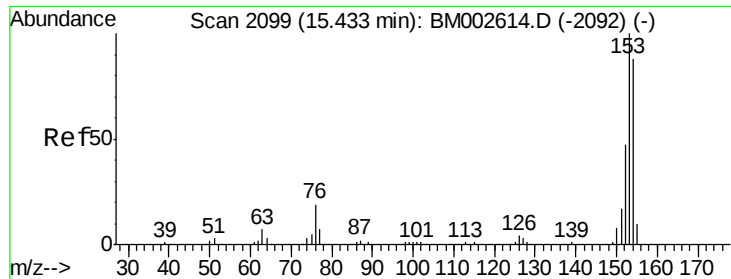
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#9

Acenaphthene

Concen: 21.71 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BM002611.D

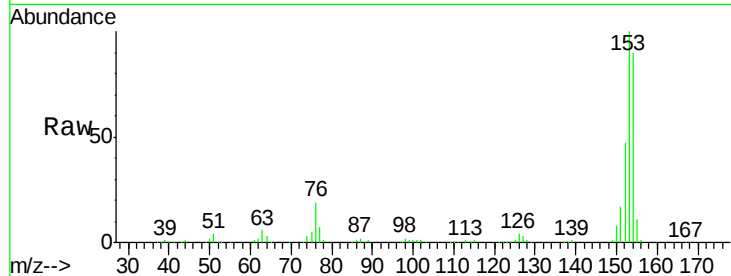
Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

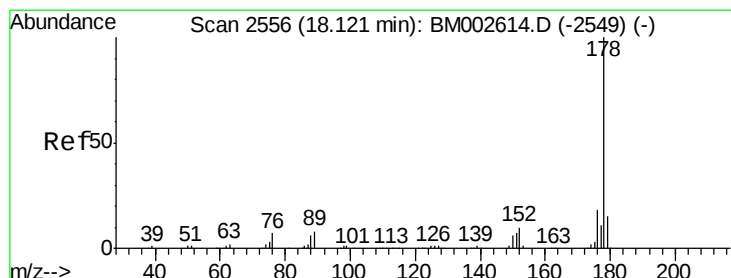
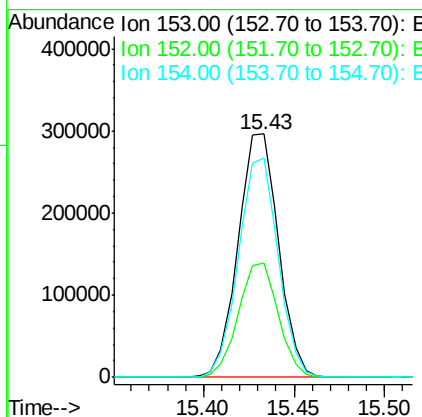
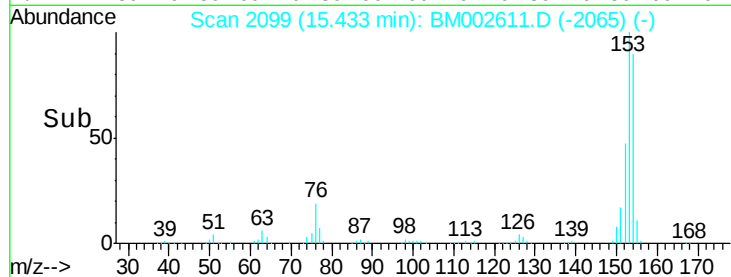
D9EA4MS



Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.9	55.3
154	90.0	71.3	106.9

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#13

Phenanthrene

Concen: 3.19 ng/ul

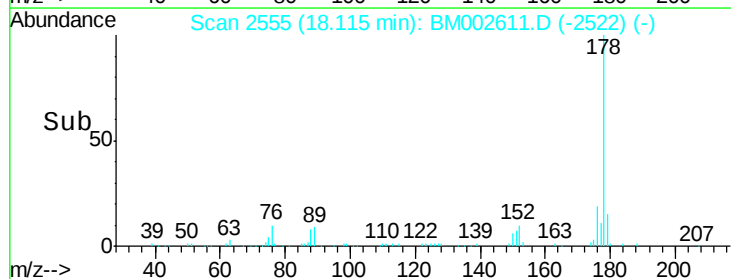
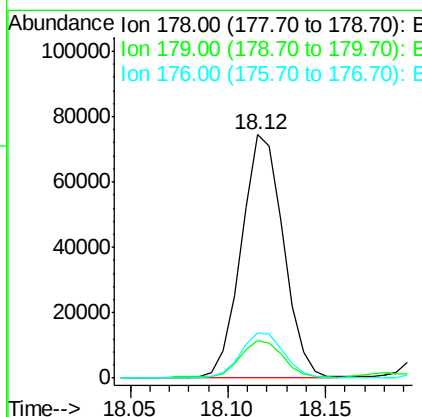
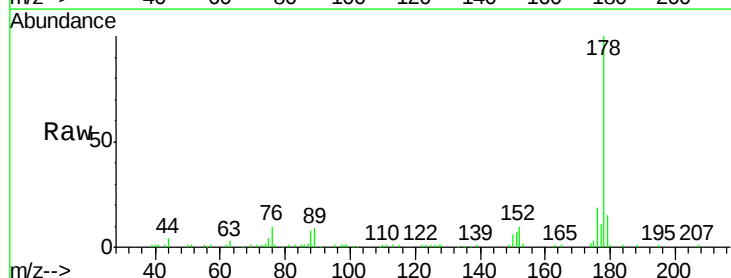
RT: 18.12 min Scan# 2555

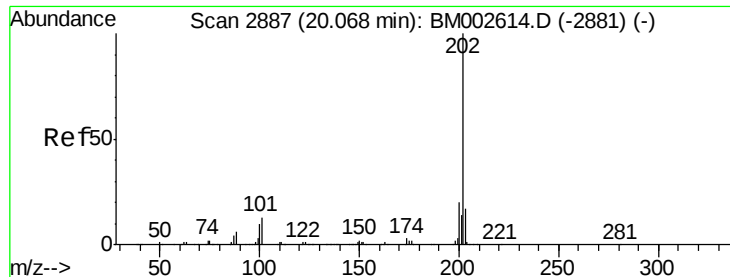
Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.5	15.1	22.7





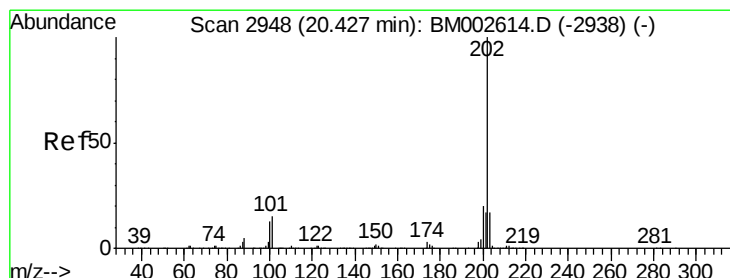
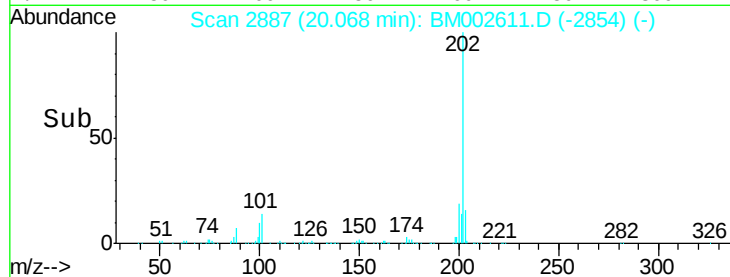
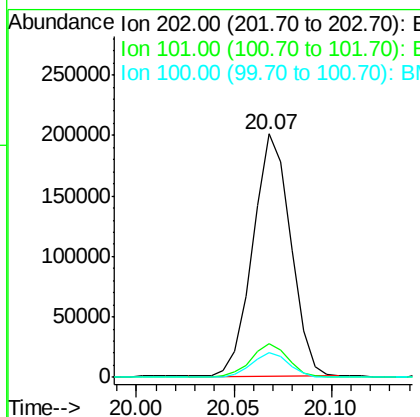
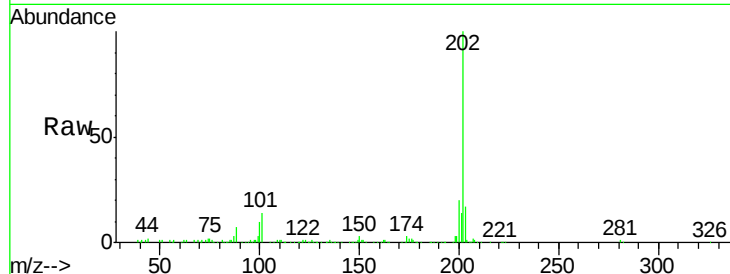
#16
Fluoranthene
 Concen: 6.83 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BM002611.D
 Acq: 01 Sep 2015 04:32

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	269153		
101	13.9	9.7	14.5	
100	10.3	7.4	11.2	

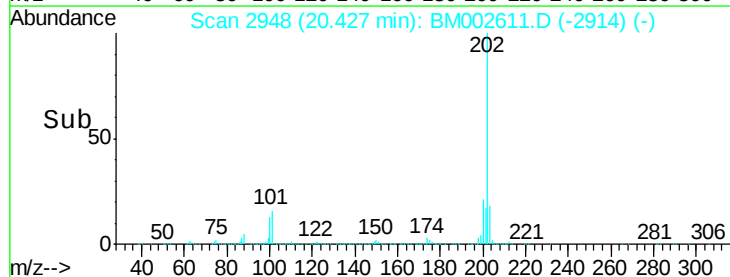
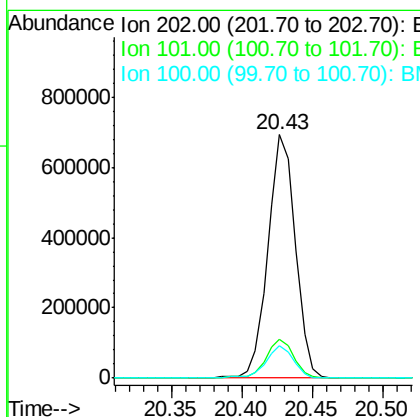
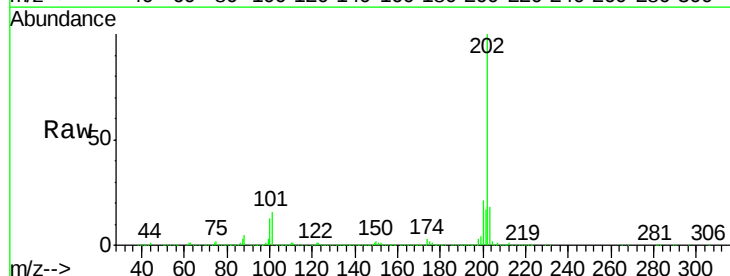
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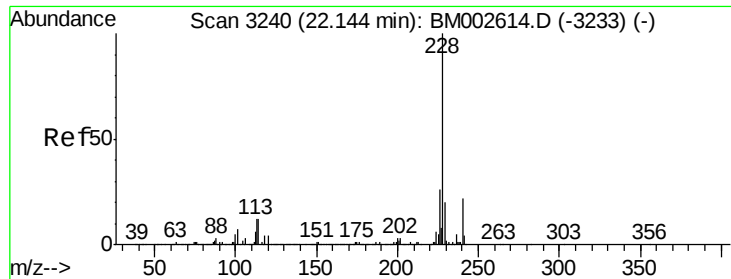
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#19
Pyrene
 Concen: 35.65 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002611.D
 Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	948113		
101	16.2	12.0	18.0	
100	13.2	9.7	14.5	





#20

Benzo(a)anthracene

Concen: 4.49 ng/ul

RT: 22.14 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM002611.D

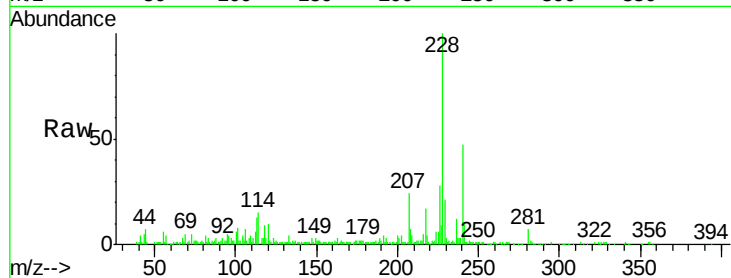
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Instrument :

BNA_M

ClientSampleId :

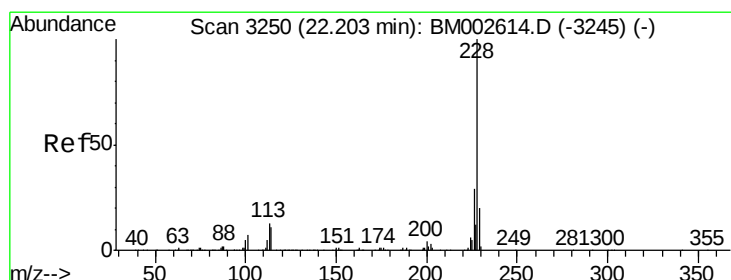
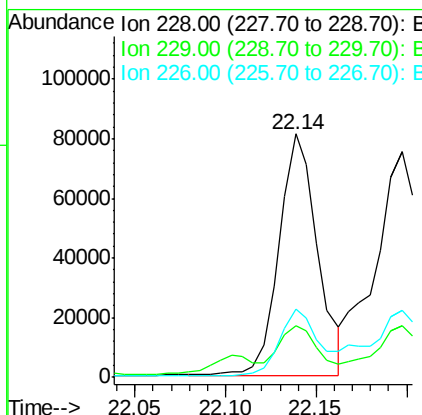
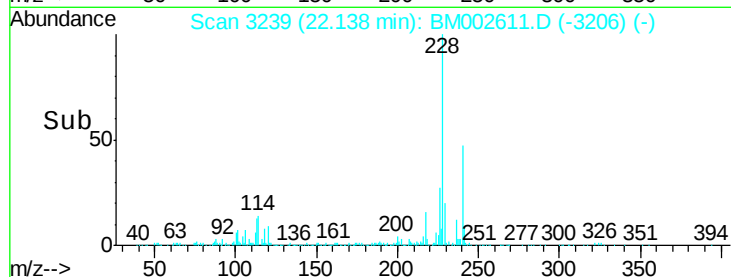
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.9	21.1	31.7

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#21

Chrysene

Concen: 5.08 ng/ul

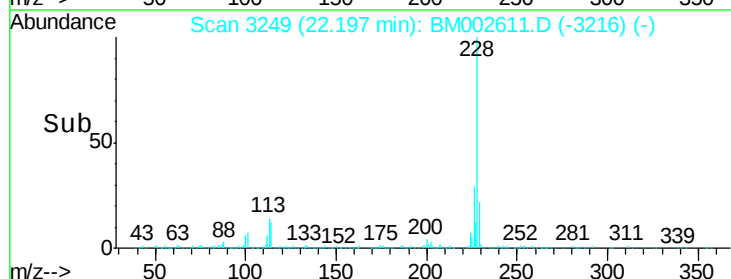
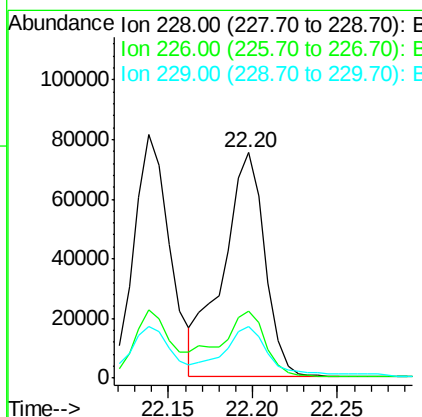
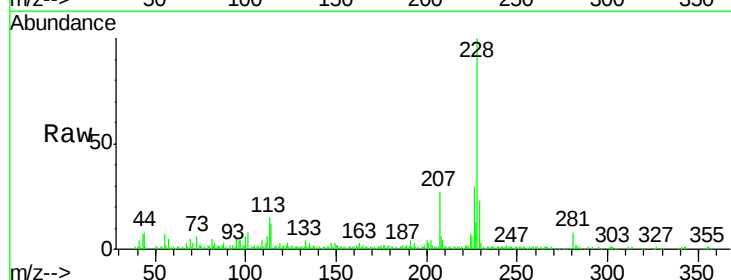
RT: 22.20 min Scan# 3249

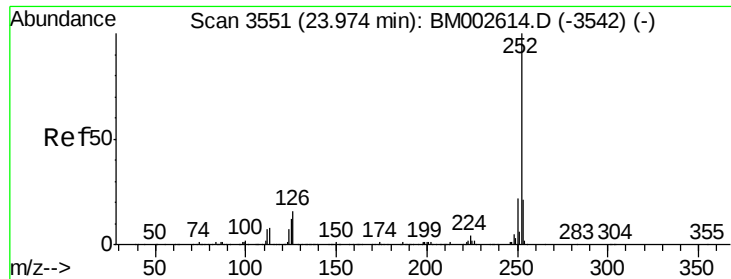
Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	23.2	15.7	23.5





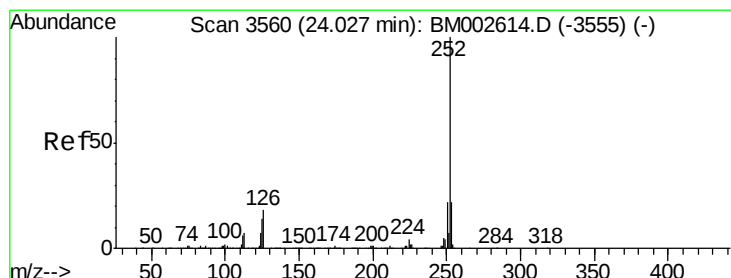
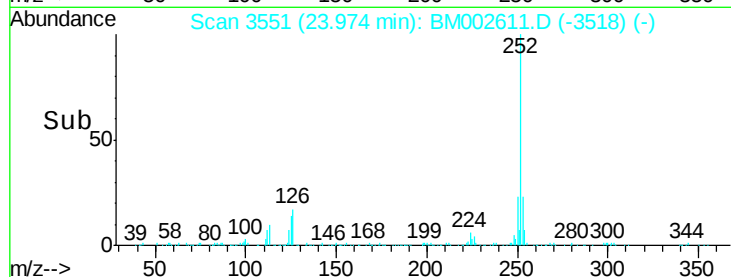
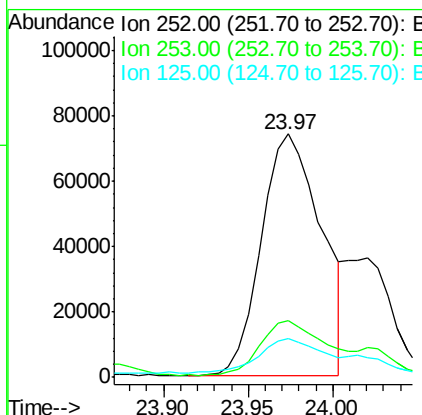
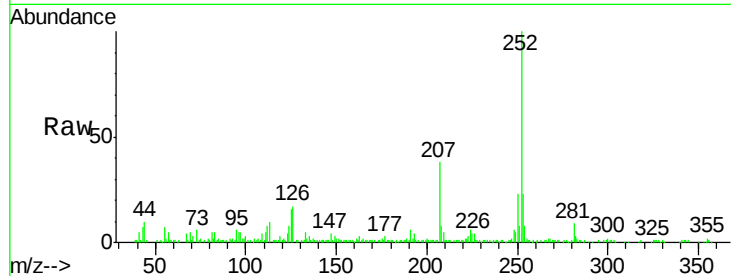
#23
Benzo(b)fluoranthene
Concen: 6.98 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002611.D
Acq: 01 Sep 2015 04:32

Instrument :
BNA_M
ClientSampleId :
D9EA4MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	15.7	10.0	15.0#

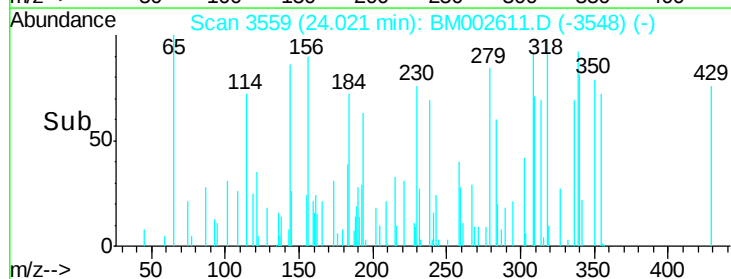
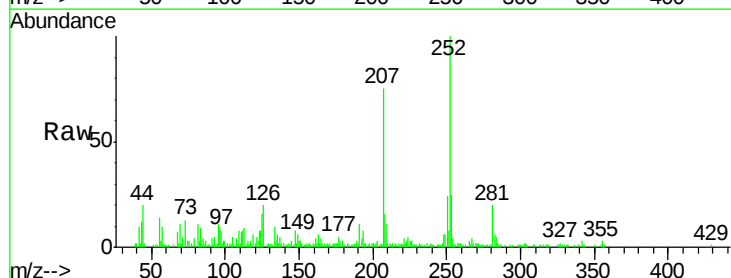
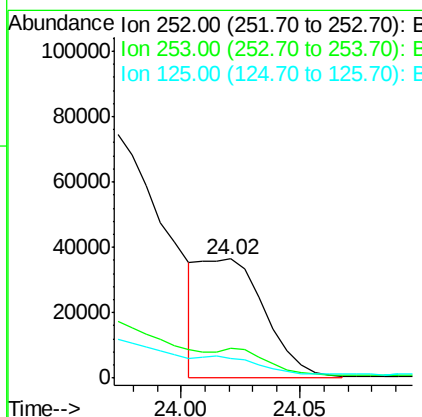
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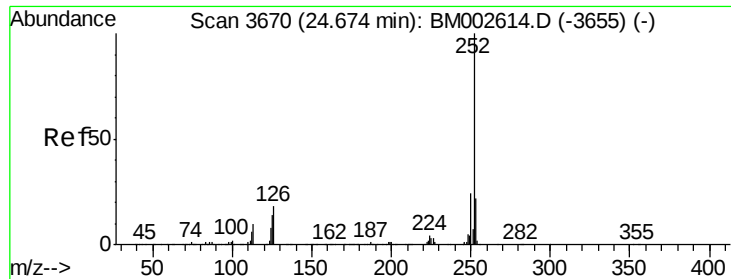
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#24
Benzo(k)fluoranthene
Concen: 2.81 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002611.D
Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	16.4	9.8	14.8#





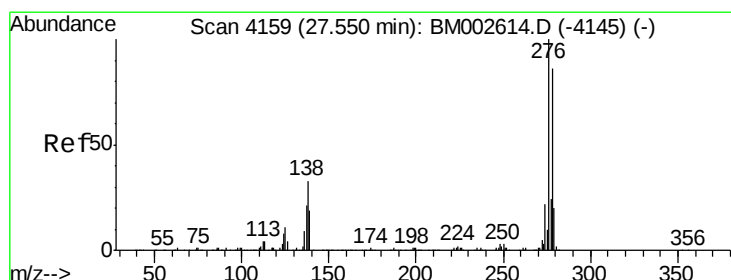
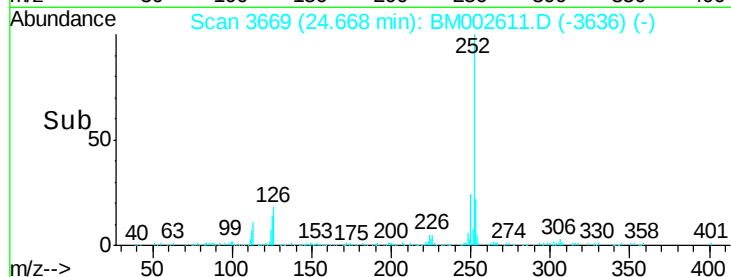
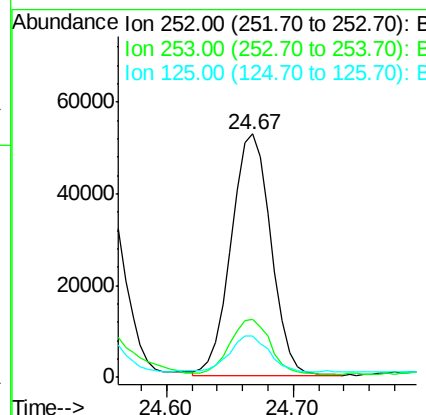
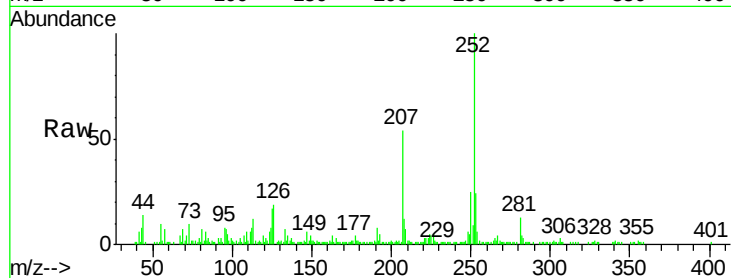
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Benzo(a)pyrene
Concen: 4.57 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002611.D
Acq: 01 Sep 2015 04:32

Instrument :
BNA_M
ClientSampleId :
D9EA4MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.6	26.4
125	16.8	10.7	16.1

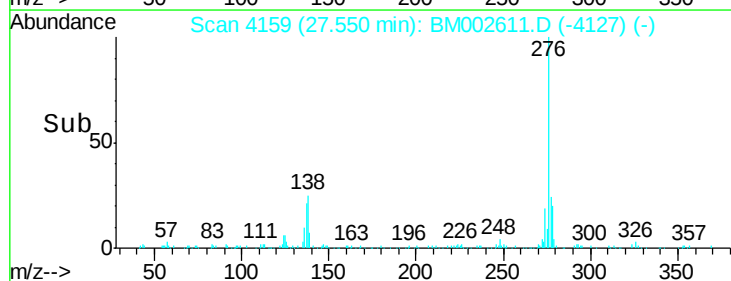
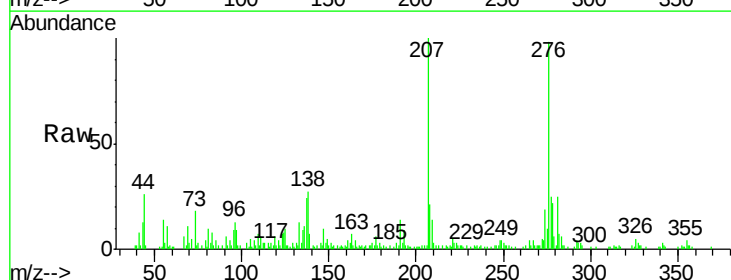
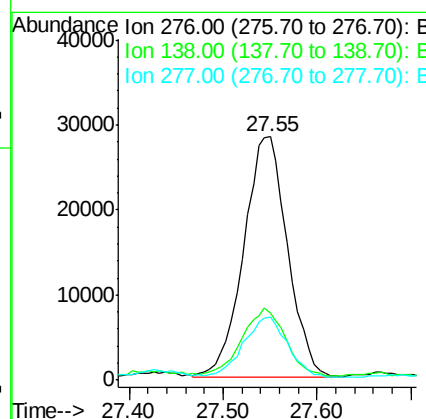
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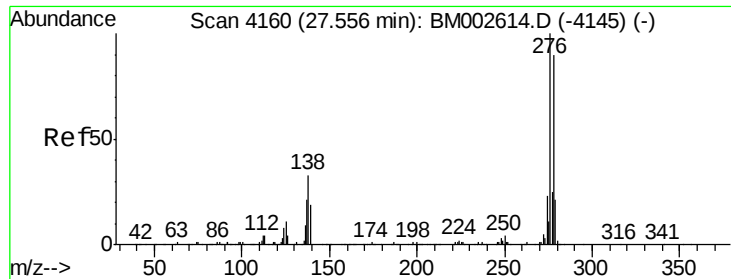
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.16 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002611.D
Acq: 01 Sep 2015 04:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.4	25.3	37.9
277	25.8	20.2	30.2





#28

Dibenzo(a,h)anthracene

Concen: 1.05 ng/ul

RT: 27.54 min Scan# 4158

Delta R.T. -0.01 min

Lab File: BM002611.D

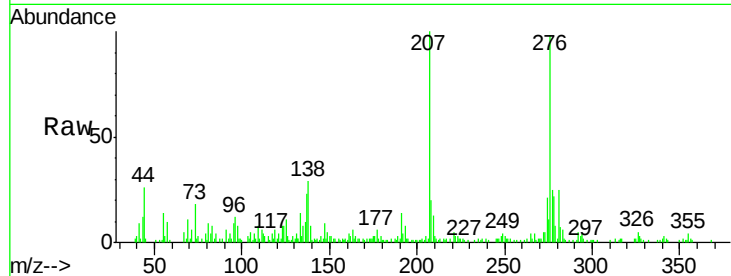
Acq: 01 Sep 2015 04:32

Instrument :

BNA_M

ClientSampleId :

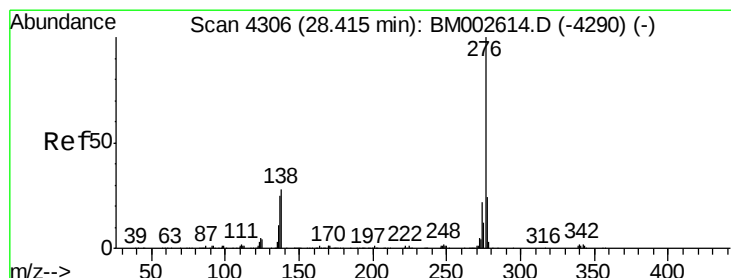
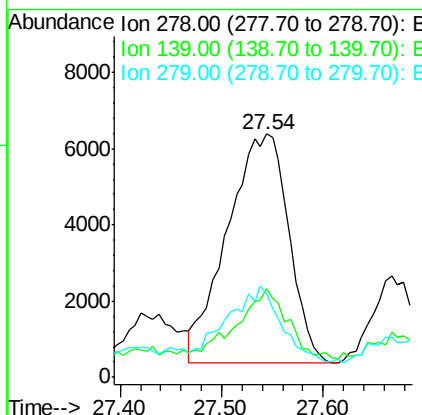
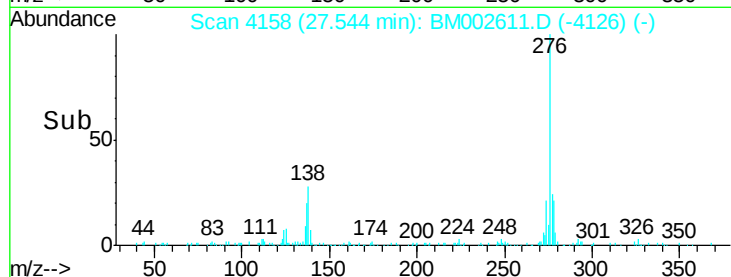
D9EA4MS



Tgt Ion:	278	Resp:	25228
Ion Ratio	Lower	Upper	
278	100		
139	36.6	16.5	24.7#
279	34.2	18.8	28.2#

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#29

Benzo(g,h,i)perylene

Concen: 3.22 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BM002611.D

Acq: 01 Sep 2015 04:32

Tgt Ion:	276	Resp:	76881
Ion Ratio	Lower	Upper	
276	100		
138	28.0	21.0	31.6
277	24.0	19.2	28.8

