

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002625.D
 Acq On : 01 Sep 2015 13:02
 Operator : UM/IZ
 Sample : G3457-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EC4

Manual Integrations
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 9/1/2015 2:57:25 PM

Quant Time: Sep 01 14:20:30 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	118162	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	518683	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	251037	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	423532	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	348813	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	360149	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	324173	12.63	ng/ul	0.00
10) Fluorene-d10	16.34	176	205175	11.38	ng/ul	0.00
14) Anthracene-d10	18.17	188	257581	12.61	ng/ul	0.00
18) Pyrene-d10	20.40	212	211961	13.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	187550	9.91	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.69	128	30350	1.15	ng/ul	Qvalue 100
4) 2-Methylnaphthalene	13.25	142	29804	1.50	ng/ul	98
5) 1-Methylnaphthalene	13.46	142	24005	1.22	ng/ul	98
13) Phenanthrene	18.12	178	209457	8.56	ng/ul	99
15) Anthracene	18.21	178	32178	1.30	ng/ul	97
16) Fluoranthene	20.07	202	282807	10.21	ng/ul	99
19) Pyrene	20.43	202	218272	10.68	ng/ul	98
20) Benzo(a)anthracene	22.14	228	103661	4.97	ng/ul	98
21) Chrysene	22.20	228	118824m	6.09	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	165486	7.60	ng/ul#	94
24) Benzo(k)fluoranthene	24.03	252	52844m	2.56	ng/ul	
26) Benzo(a)pyrene	24.67	252	97192	4.67	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.56	276	73257	3.06	ng/ul	98
28) Dibenzo(a,h)anthracene	27.56	278	21698	1.09	ng/ul#	68
29) Benzo(g,h,i)perylene	28.43	276	70772	3.55	ng/ul#	92

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

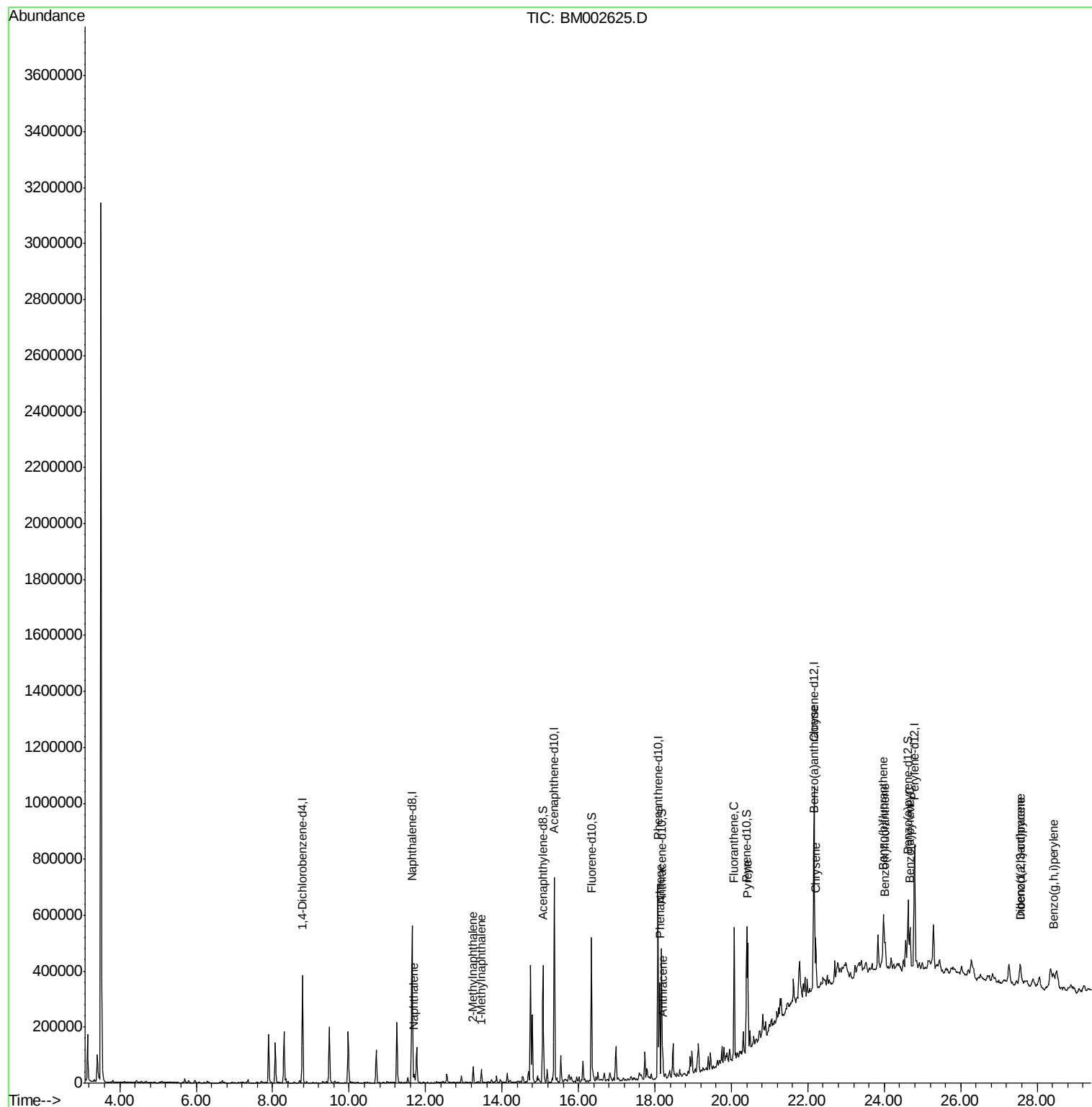
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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ALS Vial : 37 Sample Multiplier: 1

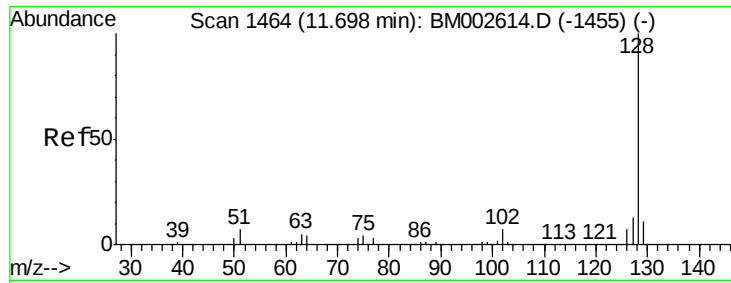
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#3

Naphthalene

Concen: 1.15 ng/ul

RT: 11.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BM002625.D

Acq: 01 Sep 2015 13:02

Instrument :

BNA_M

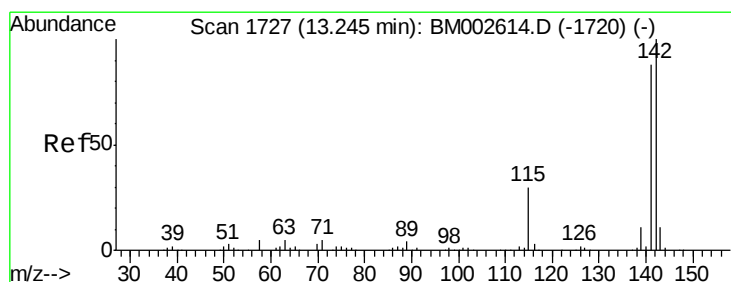
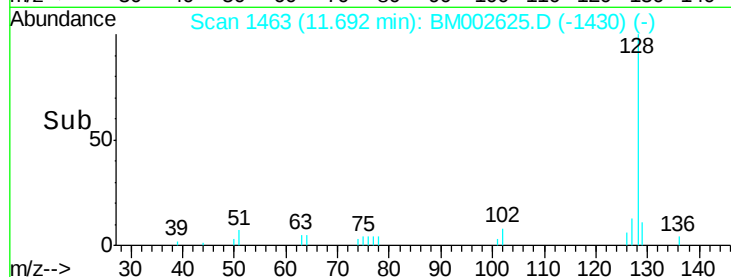
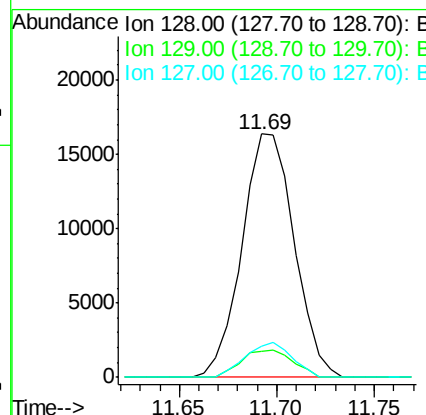
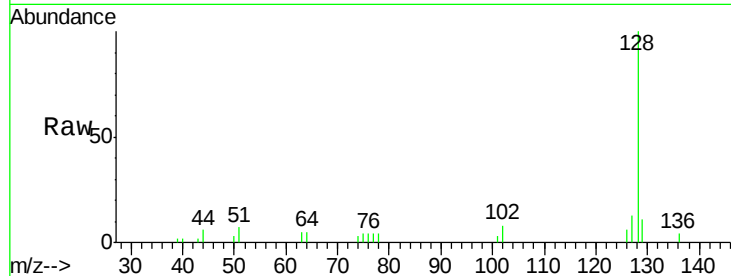
ClientSampleId :

D9EC4

Tgt Ion:	128	Resp:	30350
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	12.9	10.4	15.6

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#4

2-Methylnaphthalene

Concen: 1.50 ng/ul

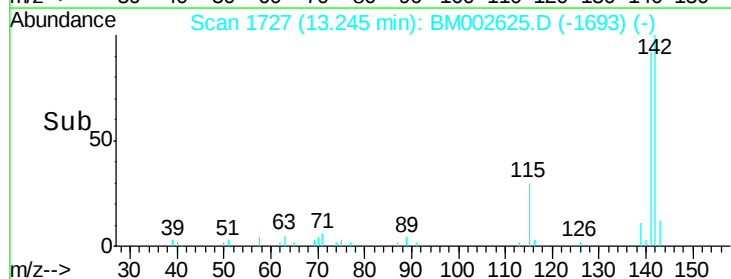
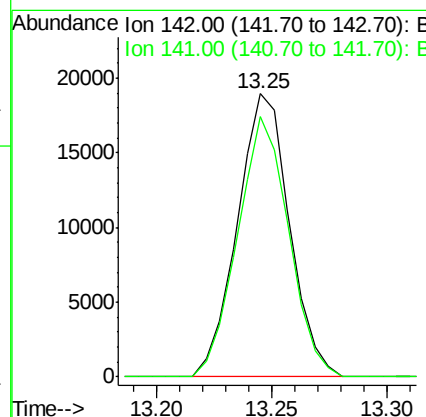
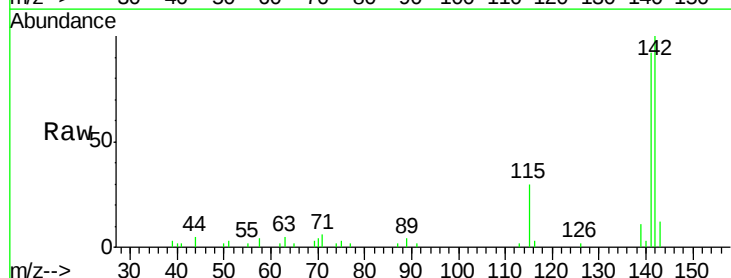
RT: 13.25 min Scan# 1727

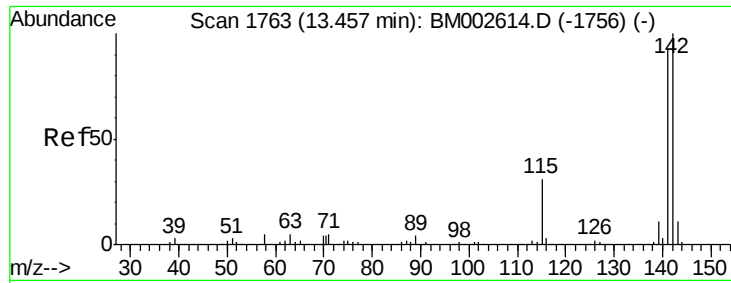
Delta R.T. 0.00 min

Lab File: BM002625.D

Acq: 01 Sep 2015 13:02

Tgt Ion:	142	Resp:	29804
Ion Ratio	Lower	Upper	
142	100		
141	91.8	72.2	108.2





#5

1-Methylnaphthalene

Concen: 1.22 ng/ul

RT: 13.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM002625.D

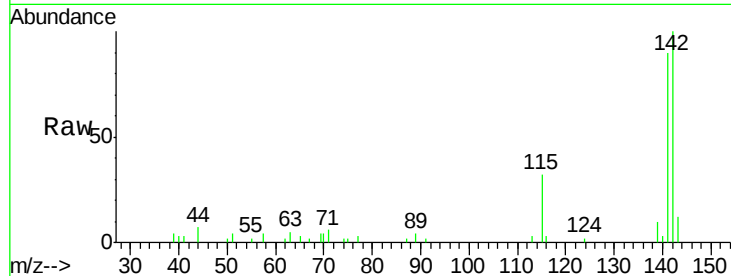
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Instrument :

BNA_M

ClientSampleId :

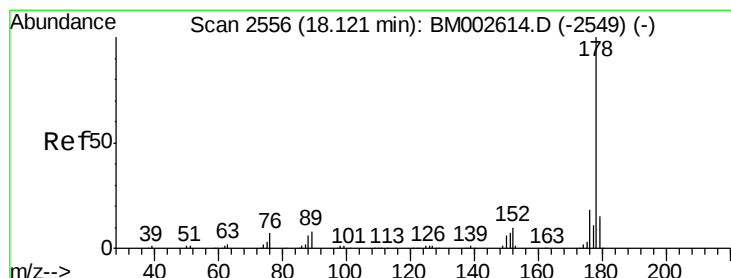
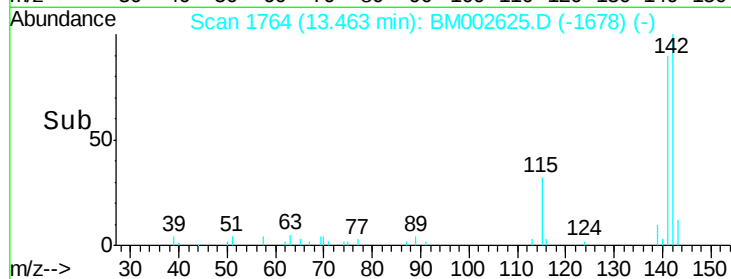
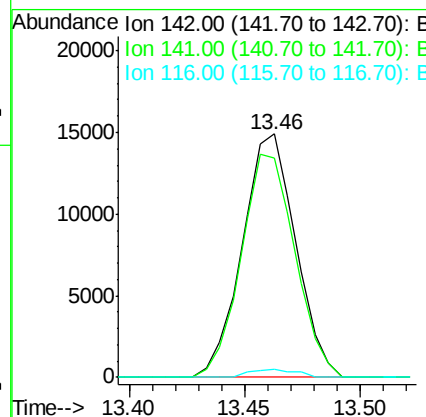
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.9	110.9
116	3.1	3.0	4.4

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#13

Phenanthrene

Concen: 8.56 ng/ul

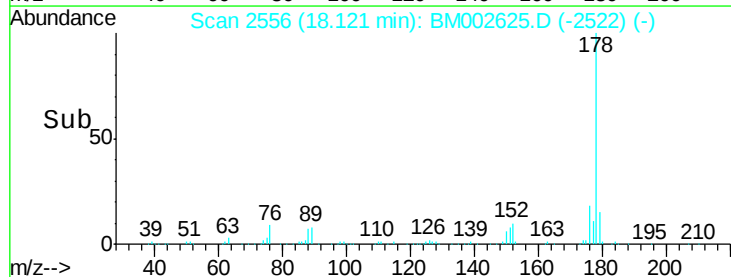
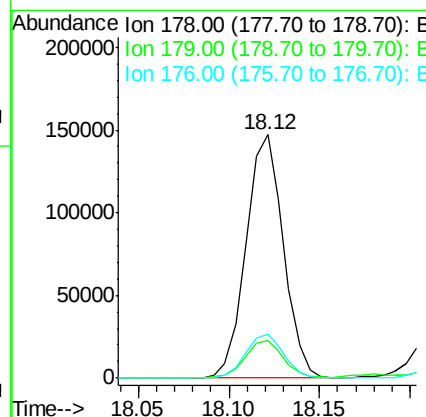
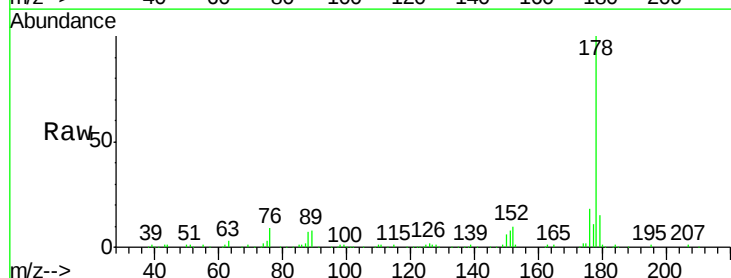
RT: 18.12 min Scan# 2556

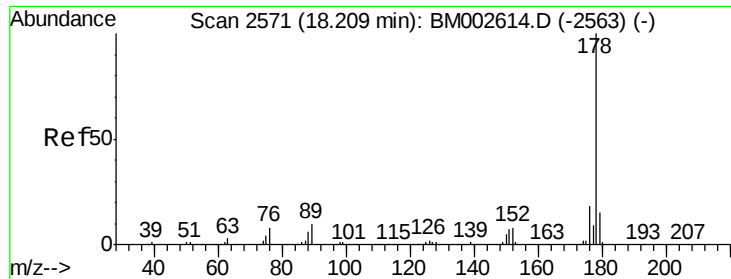
Delta R.T. 0.00 min

Lab File: BM002625.D

Acq: 01 Sep 2015 13:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.0	15.1	22.7





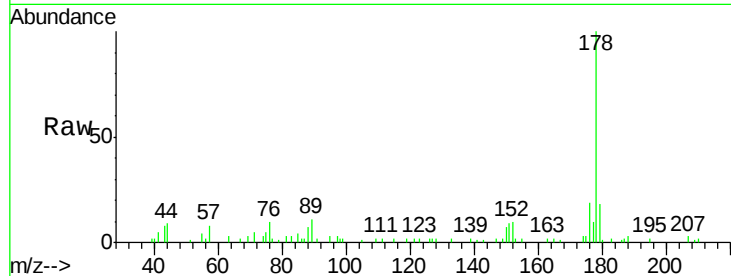
#15
 Anthracene
 Concen: 1.30 ng/ul
 RT: 18.21 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Instrument :
 BNA_M
 ClientSampleId :
 D9EC4

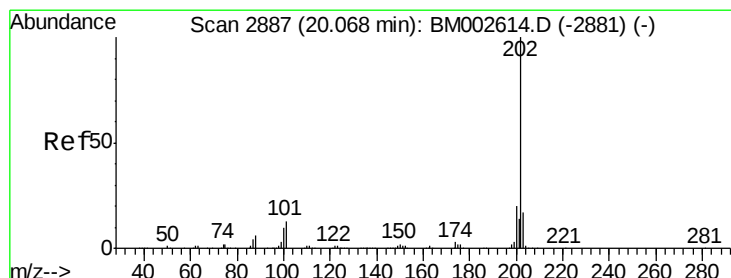
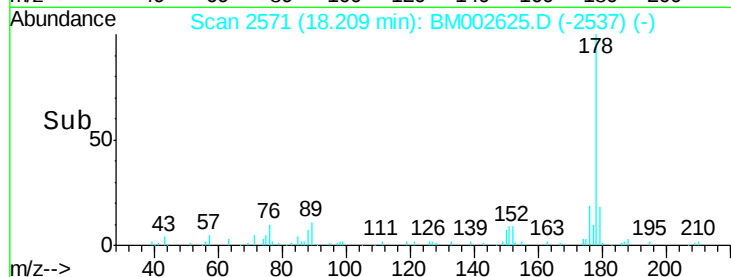
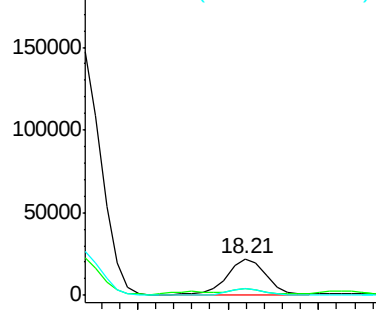
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	32178		
179	17.6		12.6	18.8
176	19.1		14.5	21.7

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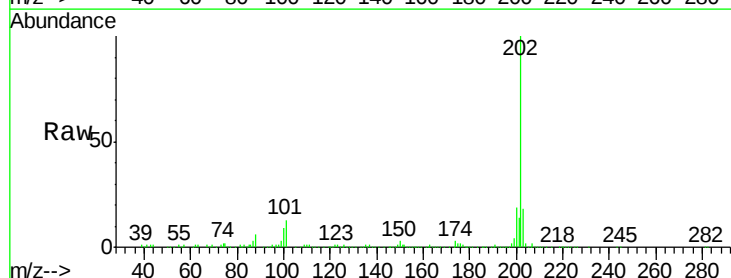


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

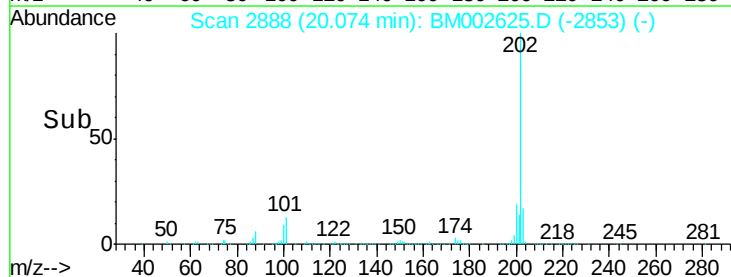
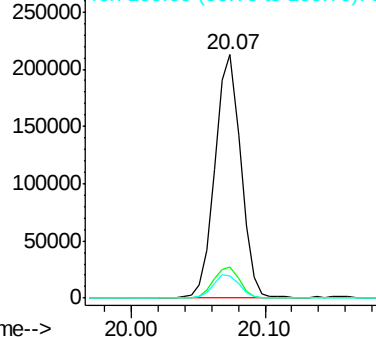


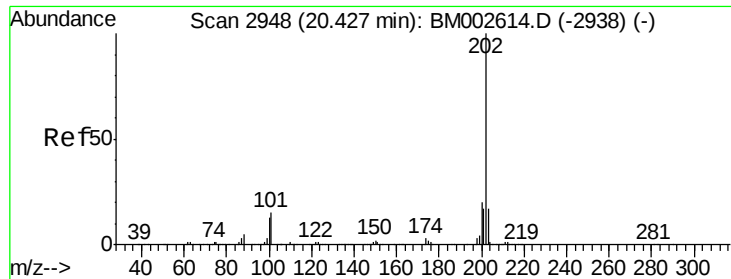
#16
 Fluoranthene
 Concen: 10.21 ng/ul
 RT: 20.07 min Scan# 2888
 Delta R.T. 0.01 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	282807		
101	12.9		9.7	14.5
100	9.4		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





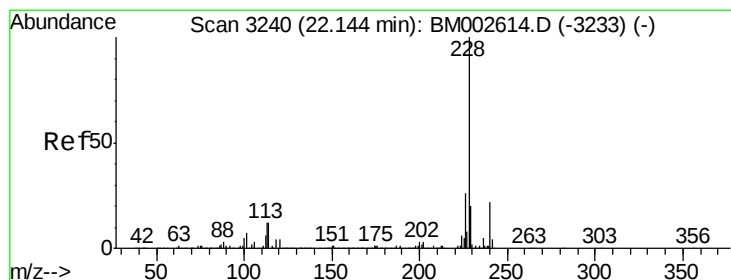
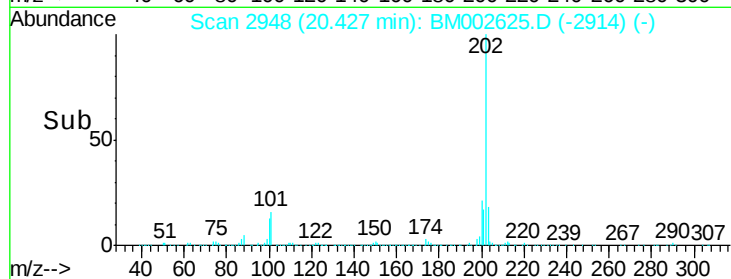
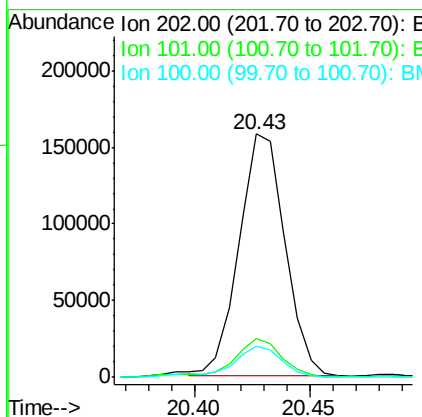
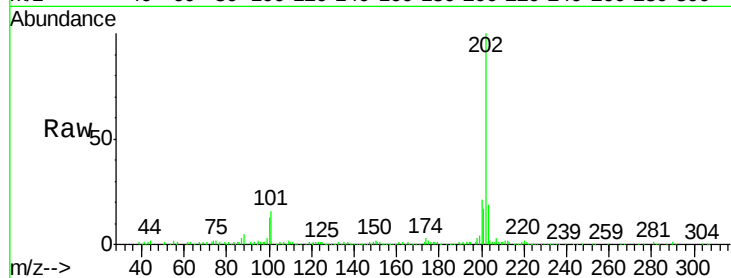
#19
 Pyrene
 Concen: 10.68 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	218272		
101	15.8	12.0	18.0	
100	12.6	9.7	14.5	

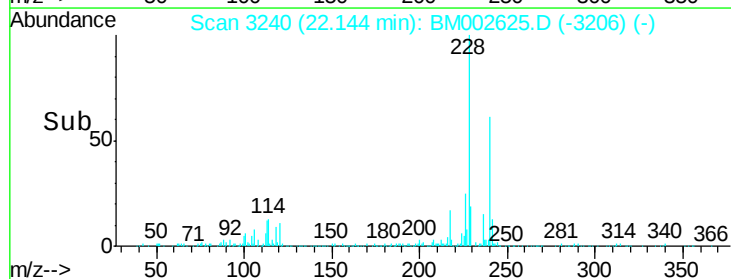
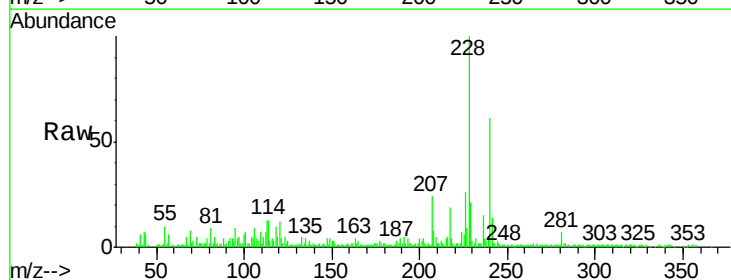
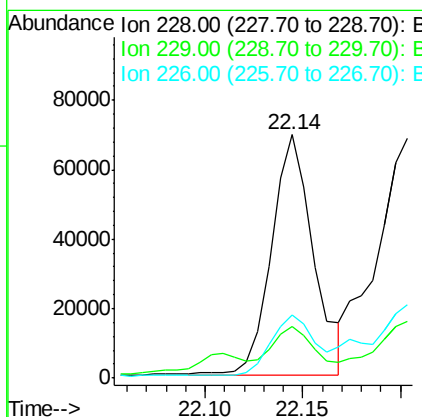
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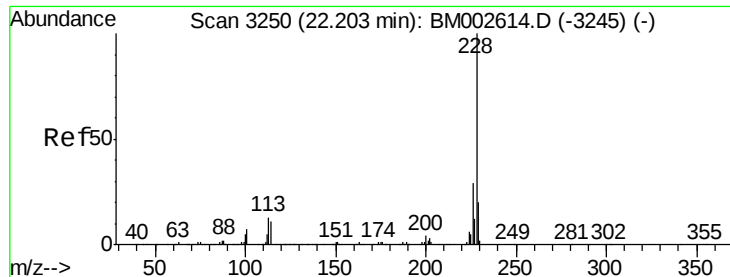
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#20
 Benzo(a)anthracene
 Concen: 4.97 ng/ul
 RT: 22.14 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	103661		
229	21.3	15.8	23.6	
226	26.1	21.1	31.7	





#21

Chrysene

Concen: 6.09 ng/ul m

RT: 22.20 min Scan# 3250

Delta R.T. 0.00 min

Lab File: BM002625.D

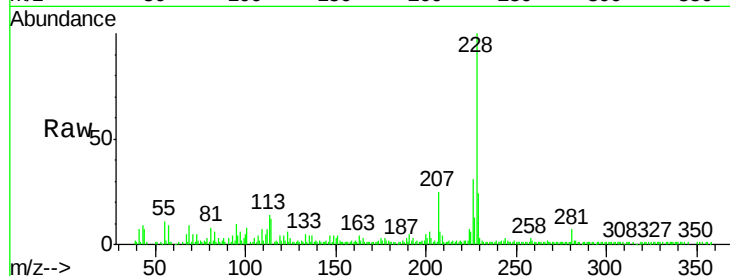
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Instrument :

BNA_M

ClientSampleId :

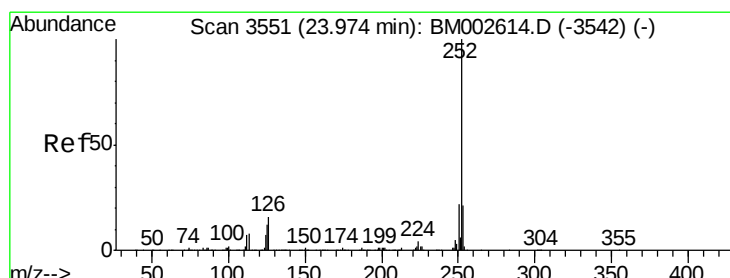
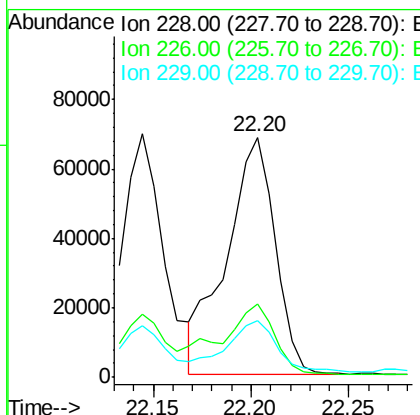
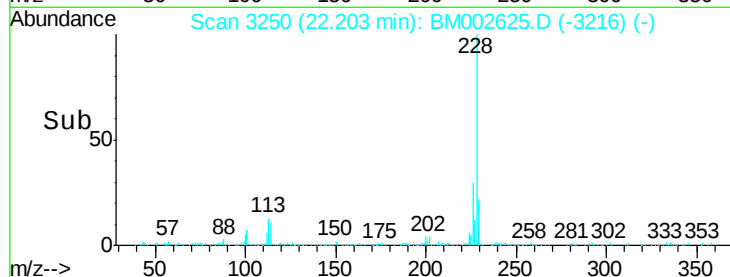
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Tgt Ion:	228	Resp:	118824
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.2
229	23.9	15.7	23.5#

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#23

Benzo(b)fluoranthene

Concen: 7.60 ng/ul

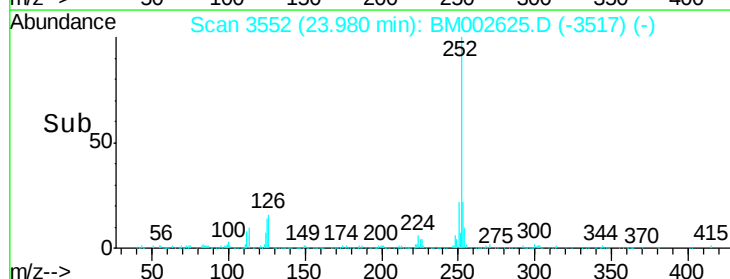
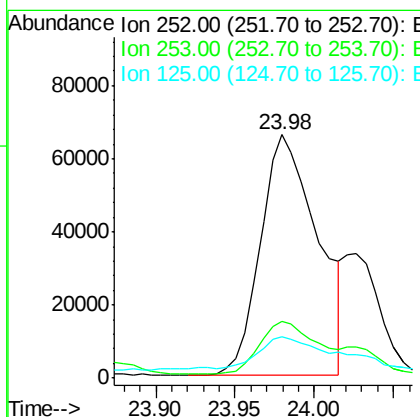
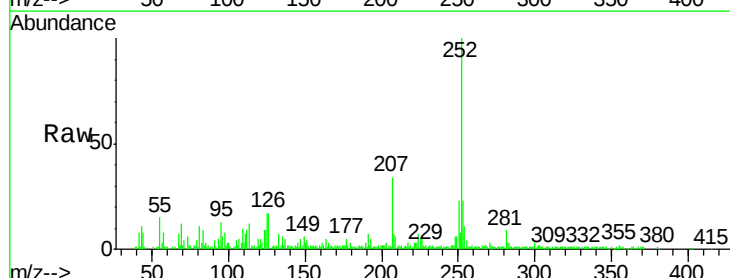
RT: 23.98 min Scan# 3552

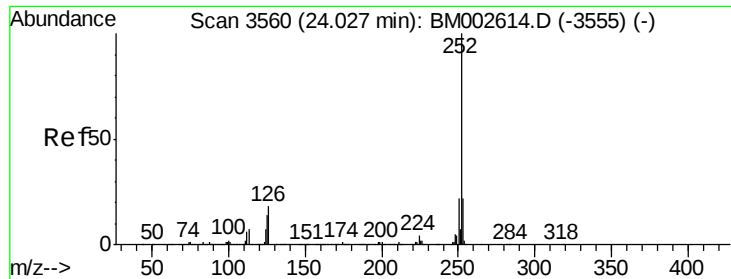
Delta R.T. 0.01 min

Lab File: BM002625.D

Acq: 01 Sep 2015 13:02

Tgt Ion:	252	Resp:	165486
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	16.9	10.0	15.0#





#24

Benzo(k)fluoranthene

Concen: 2.56 ng/ul m

RT: 24.03 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BM002625.D

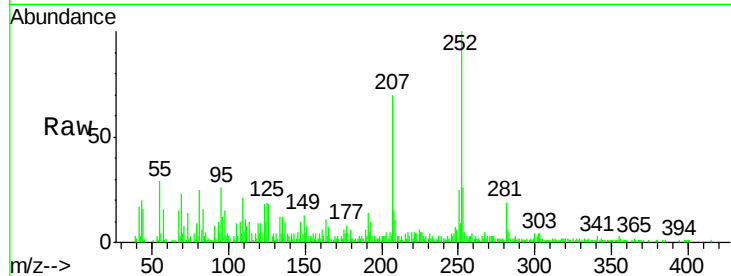
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Instrument :

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ClientSampleId :

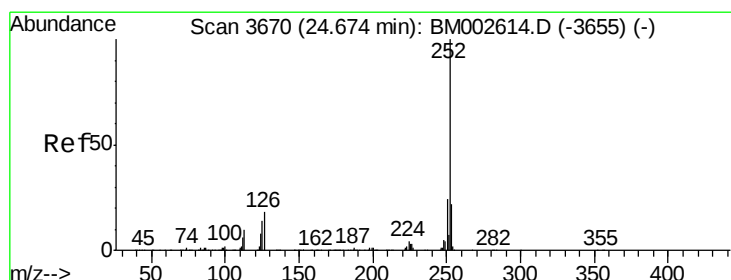
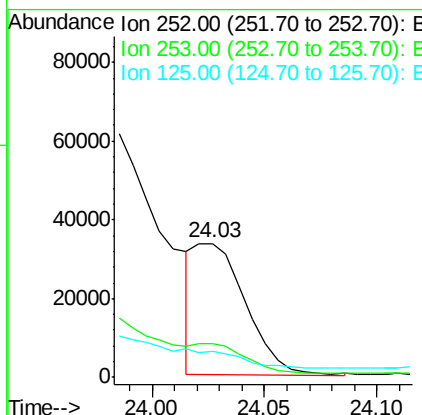
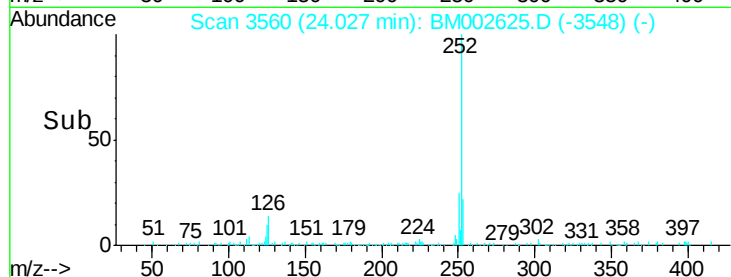
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Tgt Ion:	252	Resp:	52844
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	19.2	9.8	14.8#

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#26

Benzo(a)pyrene

Concen: 4.67 ng/ul

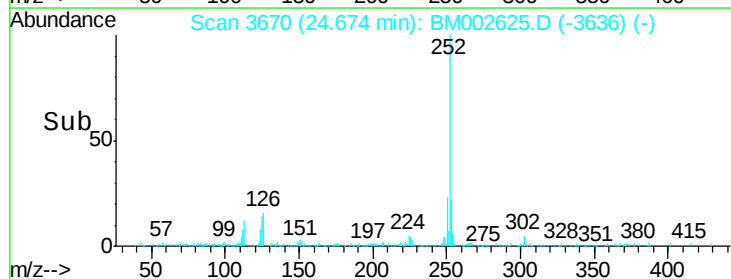
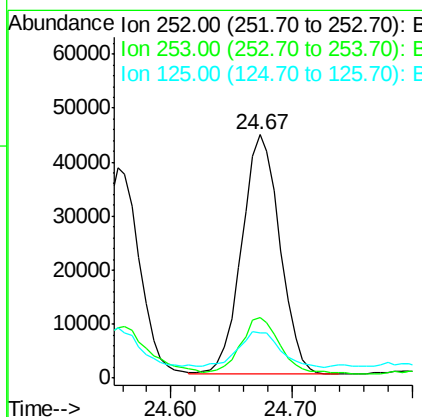
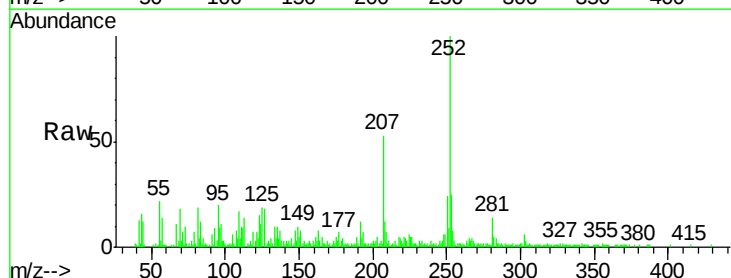
RT: 24.67 min Scan# 3670

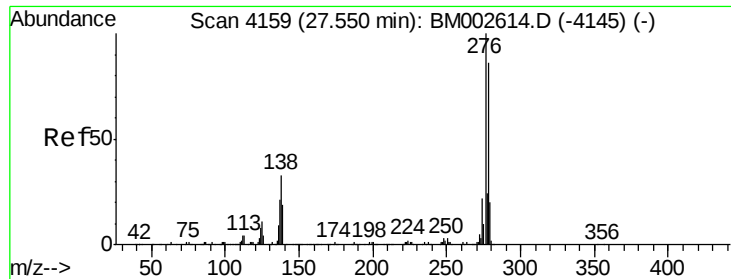
Delta R.T. 0.00 min

Lab File: BM002625.D

Acq: 01 Sep 2015 13:02

Tgt Ion:	252	Resp:	97192
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	18.8	10.7	16.1#





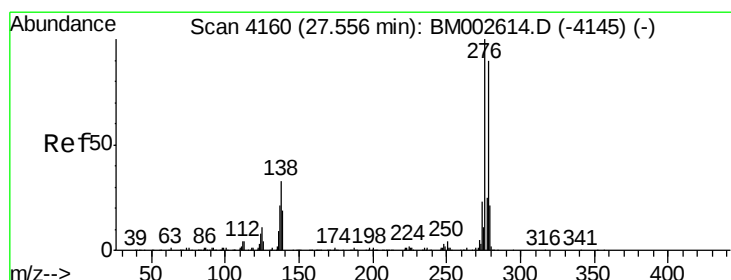
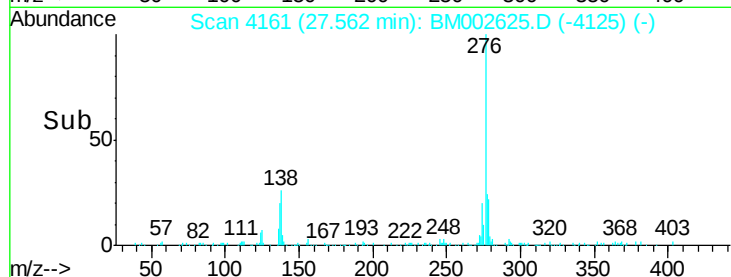
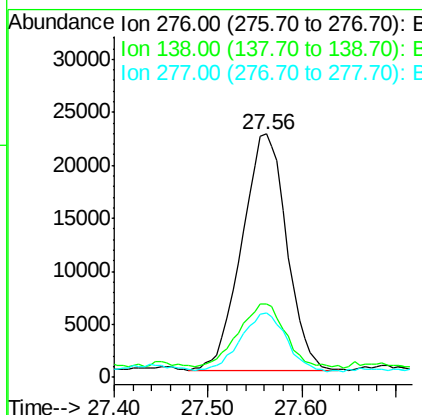
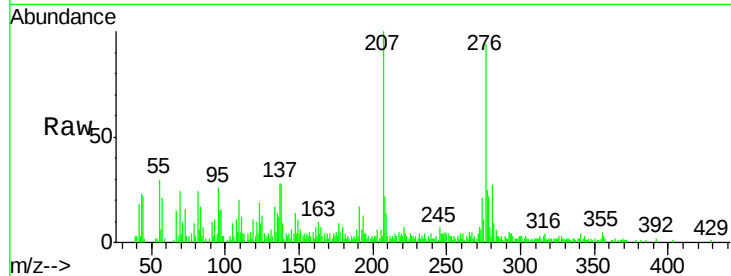
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.06 ng/ul
 RT: 27.56 min Scan# 4161
 Delta R.T. 0.01 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Instrument :
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 D9EC4

Tgt Ion:	276	Resp:	73257
Ion Ratio	Lower	Upper	
276	100		
138	30.4	25.3	37.9
277	26.5	20.2	30.2

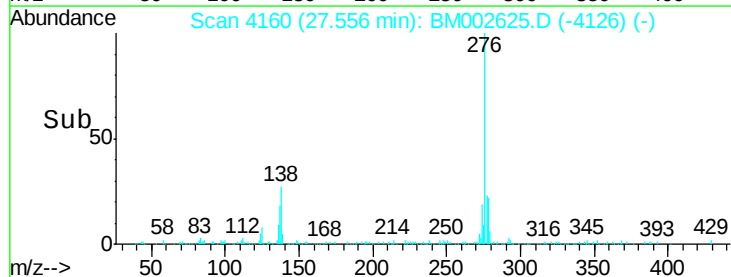
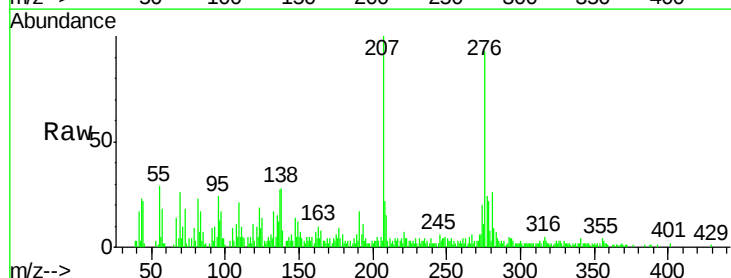
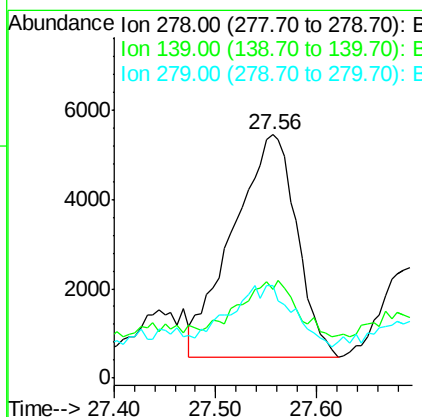
Manual Integrations
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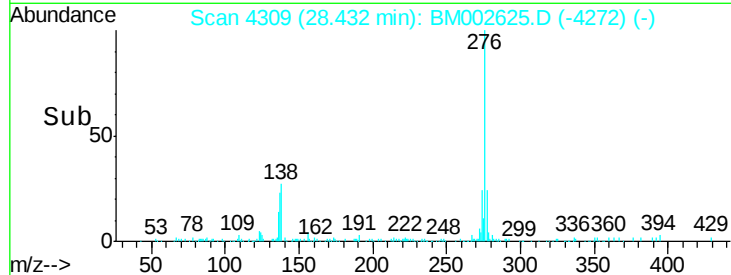
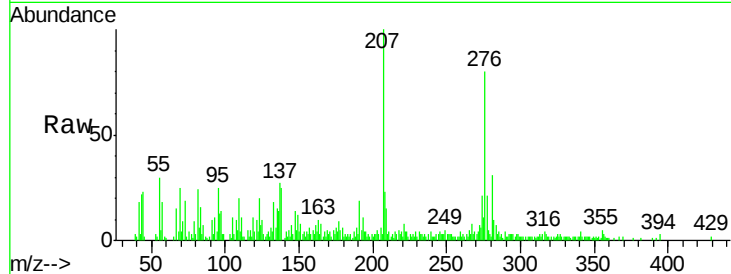
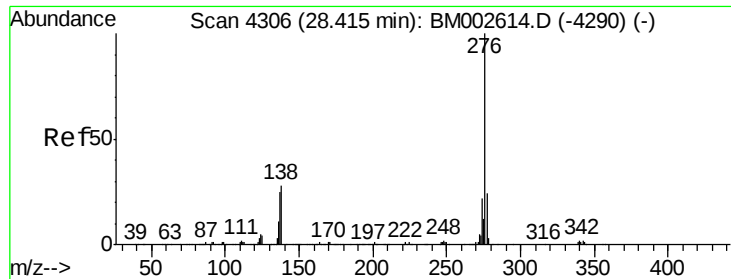
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.09 ng/ul
 RT: 27.56 min Scan# 4160
 Delta R.T. 0.00 min
 Lab File: BM002625.D
 Acq: 01 Sep 2015 13:02

Tgt Ion:	278	Resp:	21698
Ion Ratio	Lower	Upper	
278	100		
139	36.2	16.5	24.7#
279	38.1	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 3.55 ng/ul
RT: 28.43 min Scan# 4309
Delta R.T. 0.02 min
Lab File: BM002625.D
Acq: 01 Sep 2015 13:02

Tgt Ion:	276	Resp:	70772
Ion Ratio	Lower	Upper	
276	100		
138	31.6	21.0	31.6#
277	26.4	19.2	28.8

Instrument :
BNA_M
ClientSampleId :
D9EC4

Manual Integrations
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