

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008700.D
 Acq On : 28 Dec 2016 19:08
 Operator : UM/SJ
 Sample : H6067-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H3

Manual Integrations
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Quant Time: Dec 29 04:18:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 29 03:29:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	378m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.43	136	1420	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	918m	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1741m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.27	240	1770	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1375m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	462	0.21	ng/ul	-0.09
14) Fluoranthene-d10	19.10	212	1237	0.26	ng/ul	-0.04
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.14	142	125	0.05	ng/ul	97
12) Phenanthrene	17.07	178	348m	0.07	ng/ul	
15) Fluoranthene	19.12	202	622	0.10	ng/ul	73
17) Pyrene	19.48	202	931	0.14	ng/ul#	73
18) Benzo(a)anthracene	21.25	228	651	0.11	ng/ul#	52
19) Chrysene	21.30	228	600	0.09	ng/ul#	60
21) Benzo(b)fluoranthene	22.83	252	1372m	0.25	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	480m	0.09	ng/ul	
23) Benzo(a)pyrene	23.39	252	679	0.14	ng/ul#	40
24) Indeno(1,2,3-cd)pyrene	25.78	276	527	0.09	ng/ul#	71
26) Benzo(g,h,i)perylene	26.47	276	507	0.10	ng/ul#	42

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

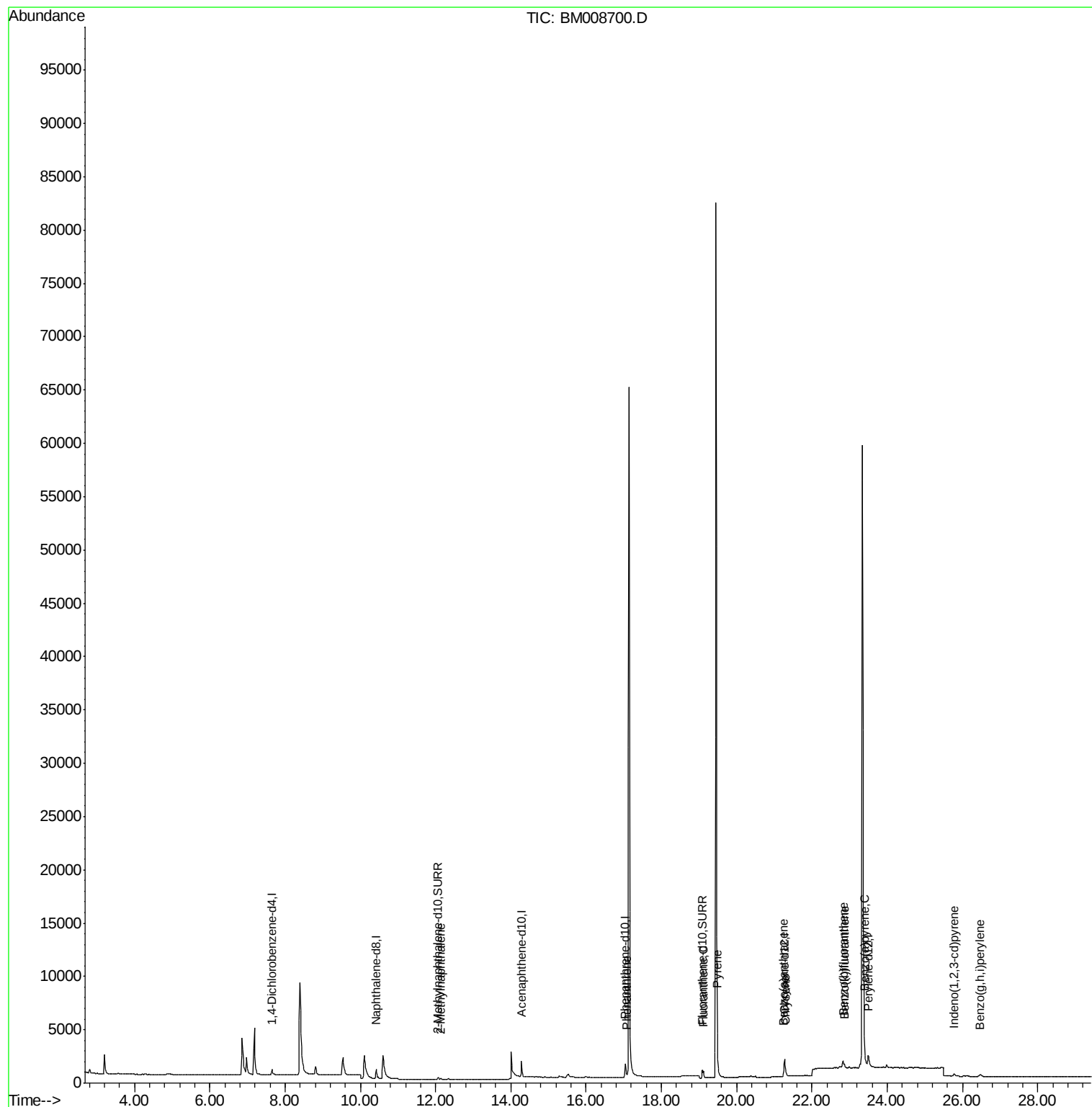
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008700.D
Acq On : 28 Dec 2016 19:08
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Sample : H6067-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

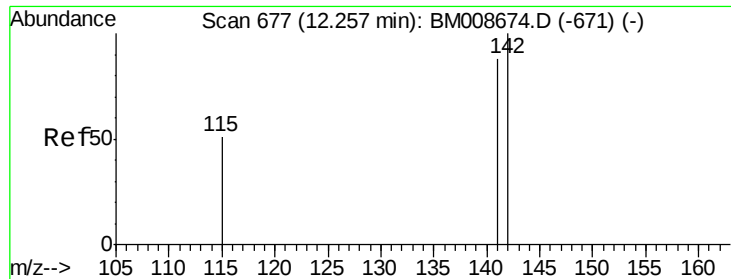
Instrument :
BNA_M
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#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. -0.09 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Instrument :

BNA_M

ClientSampleId :

DA7H3

Tgt Ion:142 Resp: 125

Ion Ratio Lower Upper

142 100

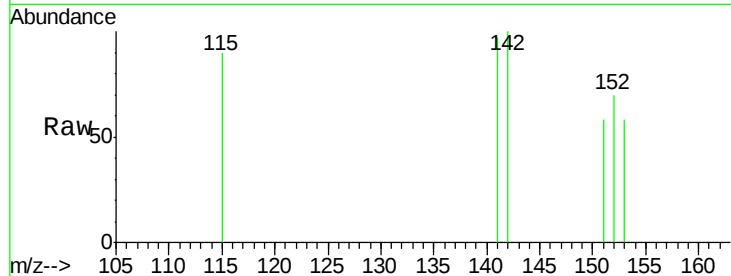
141 93.6 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.14

100

80

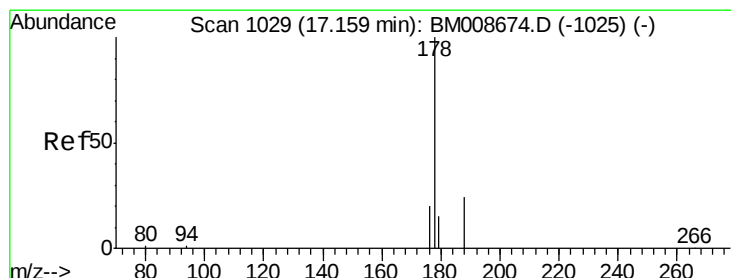
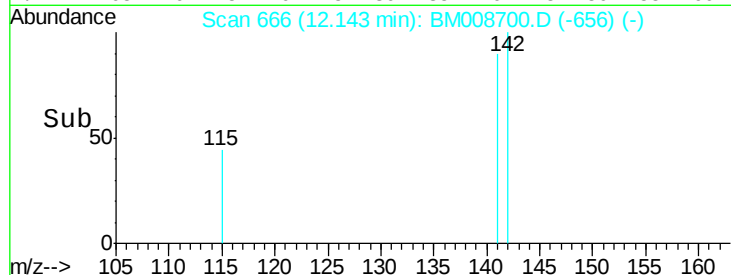
60

40

20

0

Time--> 12.10 12.20



#12

Phenanthrene

Concen: 0.07 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

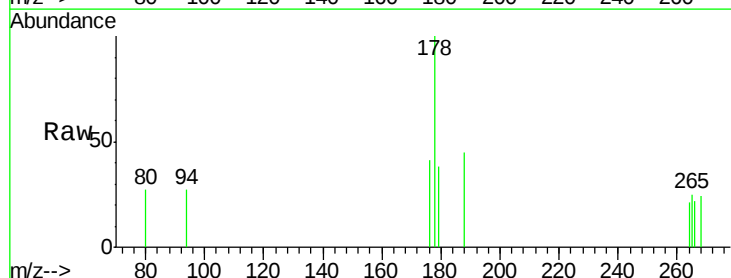
Tgt Ion:178 Resp: 348

Ion Ratio Lower Upper

178 100

176 41.5 18.4 27.6#

179 38.0 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.07

300

250

200

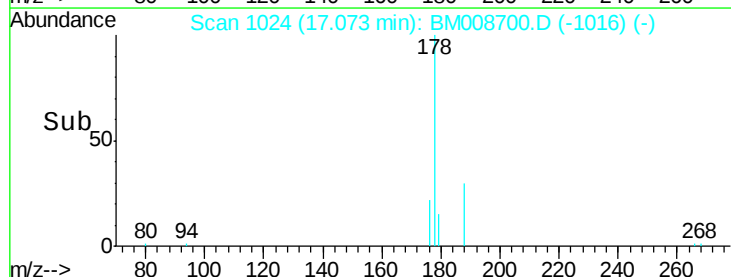
150

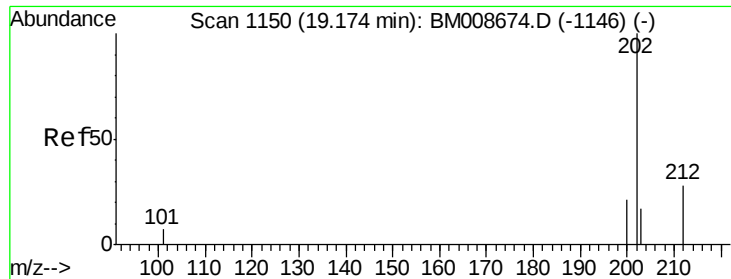
100

50

0

Time--> 17.05 17.10





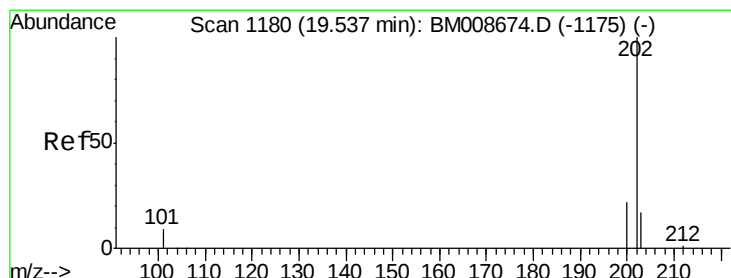
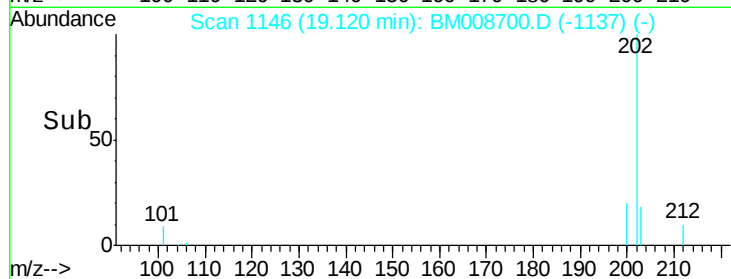
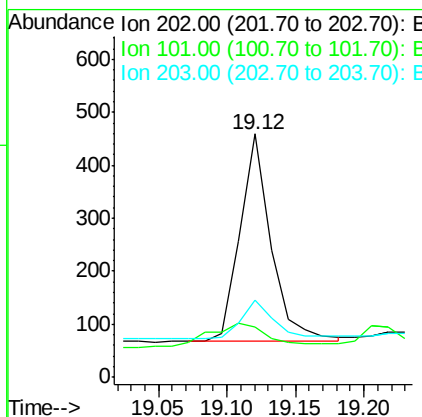
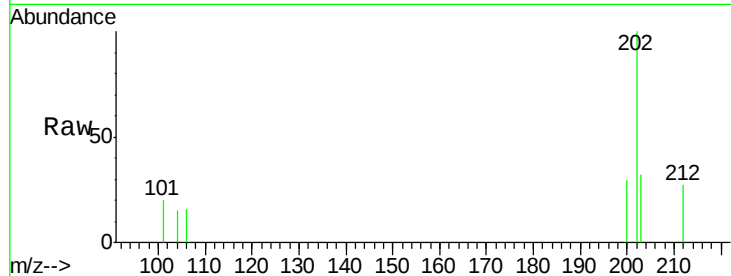
#15
Fluoranthene
 Concen: 0.10 ng/ul
 RT: 19.12 min Scan# 1146
 Delta R.T. -0.04 min
 Lab File: BM008700.D
 Acq: 28 Dec 2016 19:08

Instrument :
 BNA_M
 ClientSampleId :
 DA7H3

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	622		
101	20.5		0.0	30.3
203	31.6		0.0	39.5

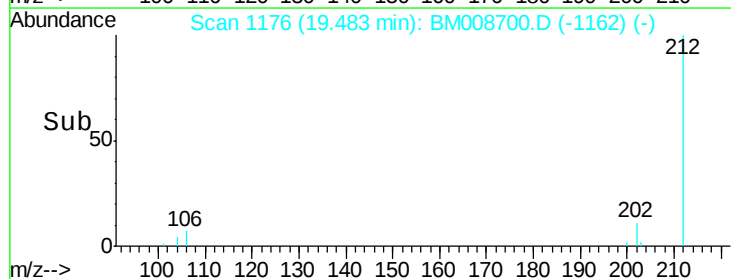
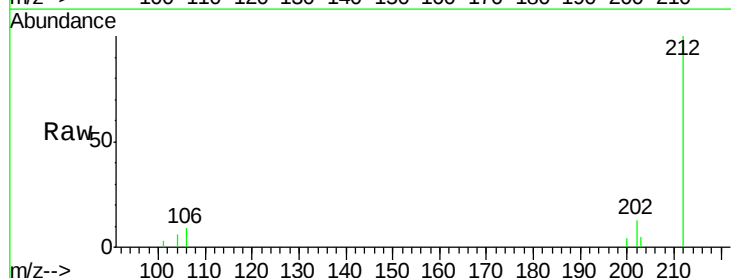
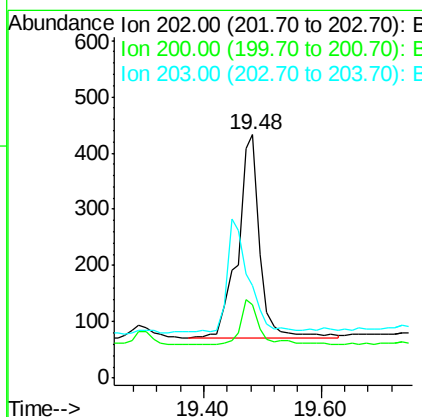
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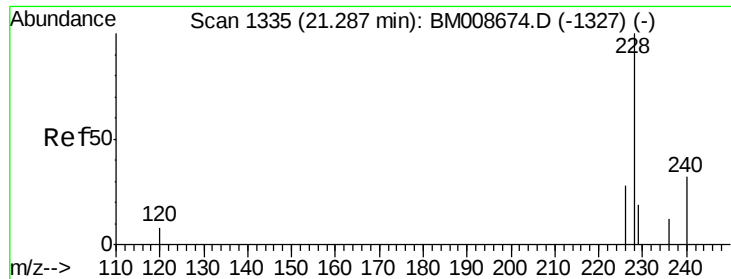
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#17
Pyrene
 Concen: 0.14 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BM008700.D
 Acq: 28 Dec 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	931		
200	30.0		18.2	27.4#
203	38.1		15.6	23.4#





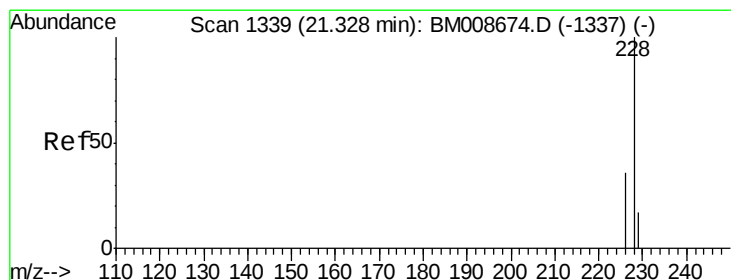
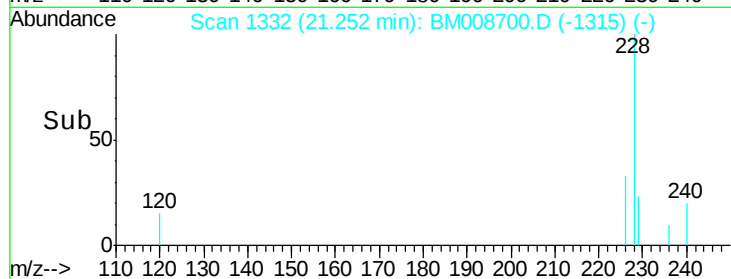
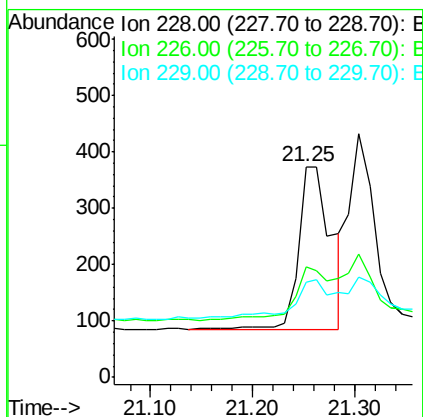
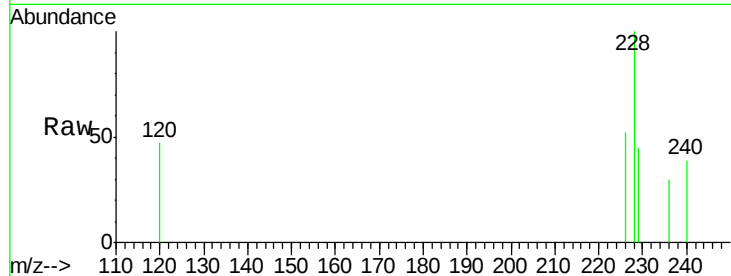
#18
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008700.D
Acq: 28 Dec 2016 19:08

Instrument :
BNA_M
ClientSampleId :
DA7H3

Tgt Ion	Ratio	Lower	Upper
228	100		
226	52.4	22.8	34.2#
229	45.2	17.0	25.6#

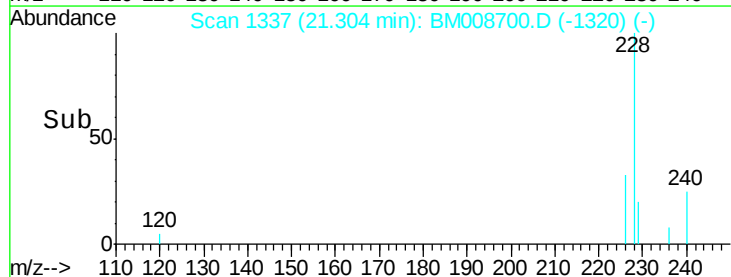
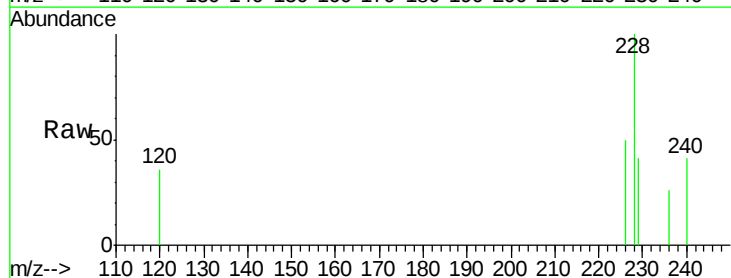
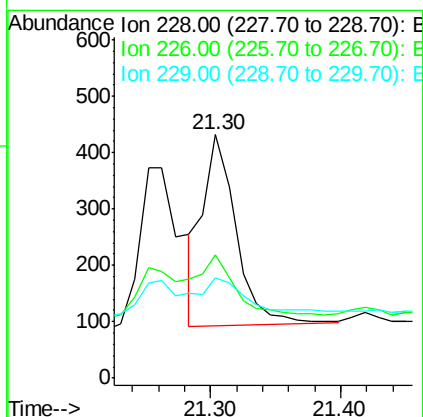
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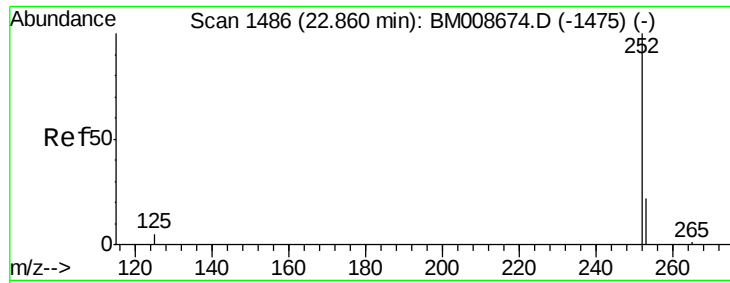
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#19
Chrysene
Concen: 0.09 ng/ul
RT: 21.30 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM008700.D
Acq: 28 Dec 2016 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	50.5	23.4	35.0#
229	41.0	17.7	26.5#





#21

Benzo(b)fluoranthene

Concen: 0.25 ng/ul m

RT: 22.83 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Instrument :

BNA_M

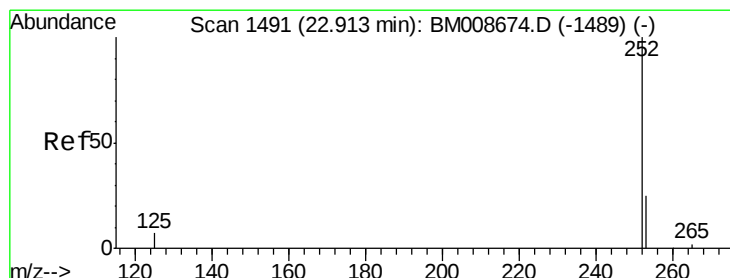
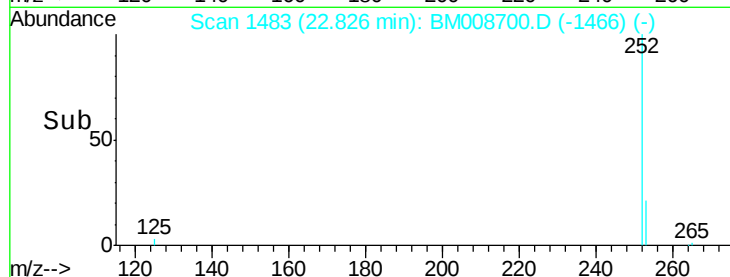
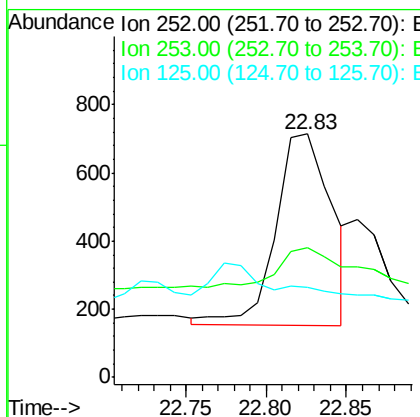
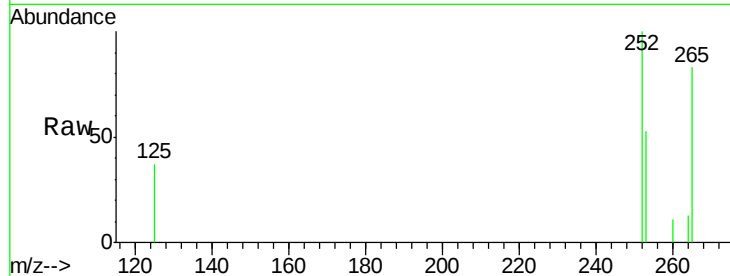
ClientSampleId :

DA7H3

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1372		
253	53.2	0.0	64.2	
125	36.8	0.0	35.0	

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#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul m

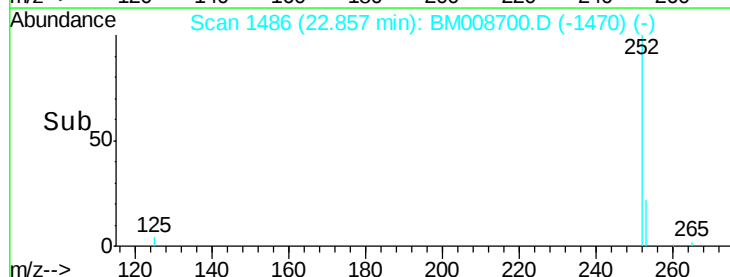
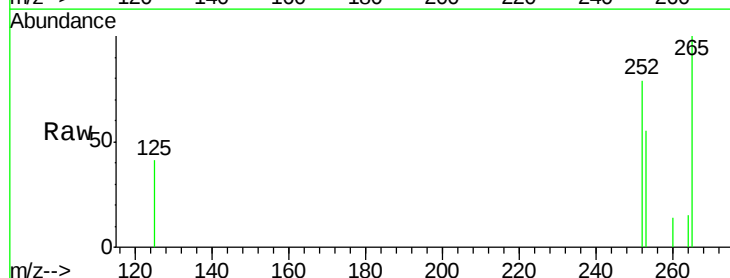
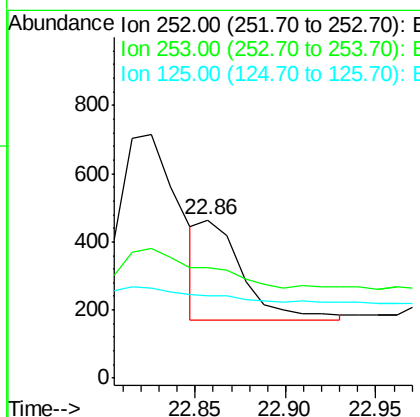
RT: 22.86 min Scan# 1486

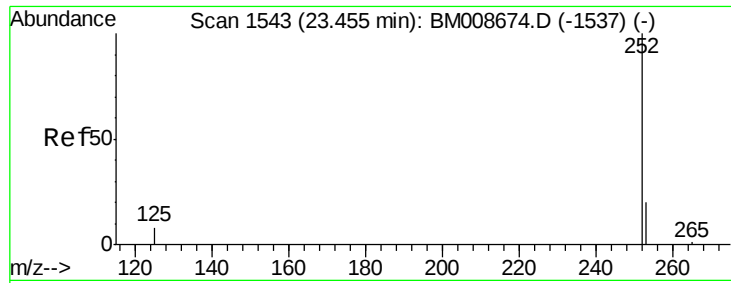
Delta R.T. -0.03 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	480		
253	69.6	24.5	36.7	
125	51.7	13.7	20.5	





#23

Benzo(a)pyrene

Concen: 0.14 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.04 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Instrument :

BNA_M

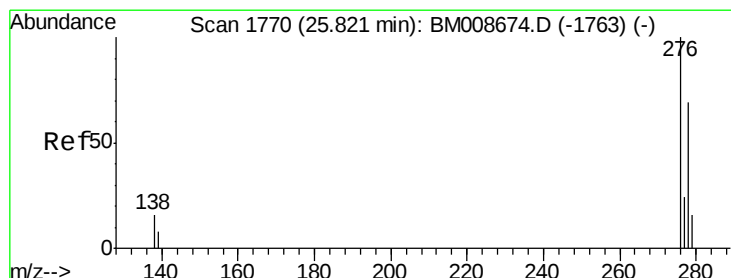
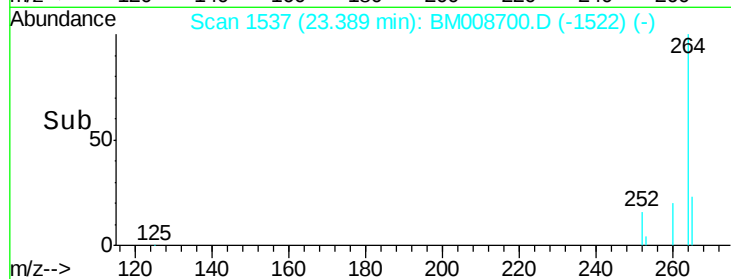
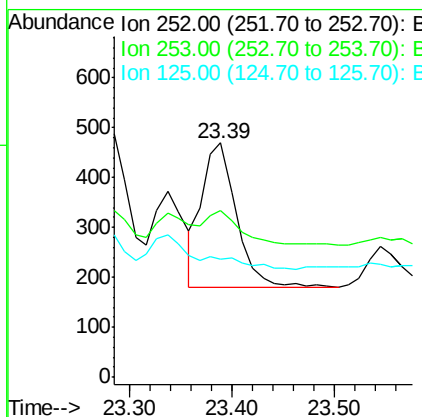
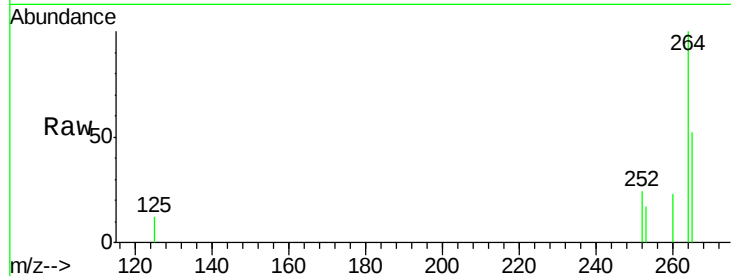
ClientSampleId :

DA7H3

Tgt Ion:	252	Resp:	679
Ion Ratio	Lower	Upper	
252	100		
253	71.0	28.5	42.7#
125	50.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng/ul

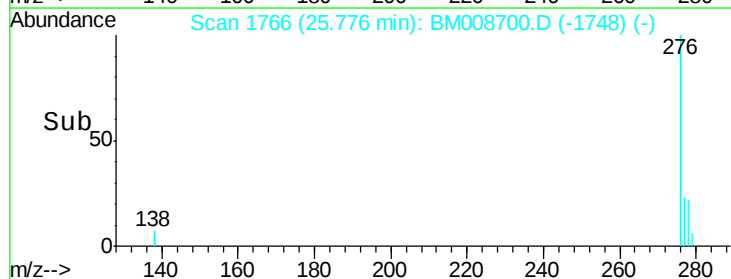
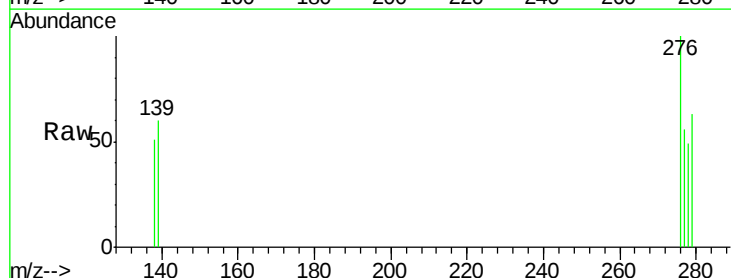
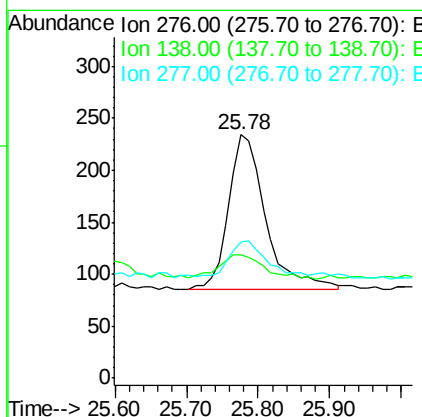
RT: 25.78 min Scan# 1766

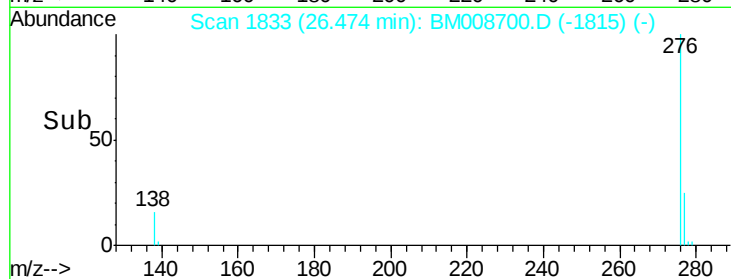
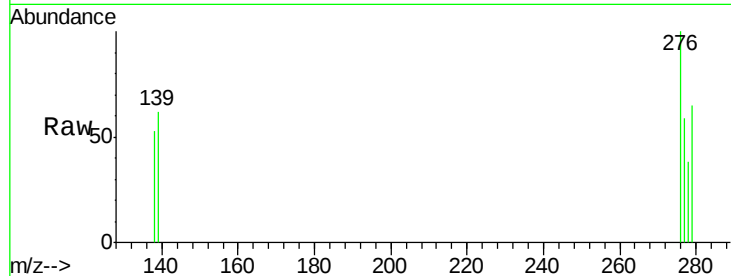
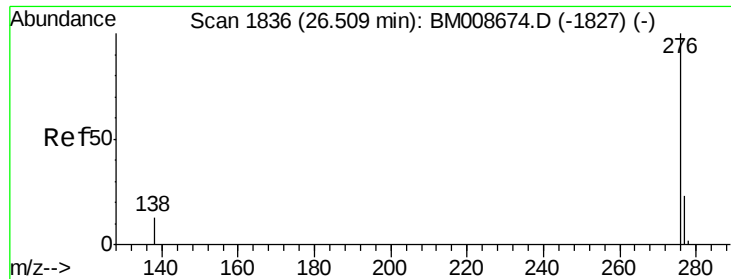
Delta R.T. -0.01 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Tgt Ion:	276	Resp:	527
Ion Ratio	Lower	Upper	
276	100		
138	20.3	19.1	28.7
277	0.0	19.6	29.4#





#26

Benzo(g,h,i)perylene

Concen: 0.10 ng/ul

RT: 26.47 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM008700.D

Acq: 28 Dec 2016 19:08

Instrument :

BNA_M

ClientSampleId :

DA7H3

Tgt Ion:	276	Resp:	507
Ion Ratio	Lower	Upper	
276	100		
277	59.1	21.8	32.8#
138	53.5	20.5	30.7#

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