

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008709.D
 Acq On : 29 Dec 2016 01:09
 Operator : UM/SJ
 Sample : H6067-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Manual Integrations
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mohammad
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Quant Time: Dec 29 05:49:13 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	351m	0.40	ng/ul	-0.17
2) Naphthalene-d8	10.44	136	1285	0.40	ng/ul	-0.12
6) Acenaphthene-d10	14.28	164	801	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.04	188	1707m	0.40	ng/ul	-0.07
16) Chrysene-d12	21.24	240	1692m	0.40	ng/ul	-0.04
20) Perylene-d12	23.47	264	1980	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	435	0.22	ng/ul	-0.11
14) Fluoranthene-d10	19.08	212	1144	0.24	ng/ul	-0.05
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	1271	0.35	ng/ul#	87
5) 2-Methylnaphthalene	12.12	142	495	0.20	ng/ul	98
7) Acenaphthylene	14.01	152	13148	3.63	ng/ul	95
8) Acenaphthene	14.35	153	363	0.13	ng/ul#	85
9) Fluorene	15.36	166	748	0.24	ng/ul#	82
12) Phenanthrene	17.07	178	3402m	0.65	ng/ul	
13) Anthracene	17.18	178	19054	3.76	ng/ul	94
15) Fluoranthene	19.11	202	11093m	1.74	ng/ul	
17) Pyrene	19.47	202	22990	3.52	ng/ul	98
18) Benzo(a)anthracene	21.23	228	31640m	5.69	ng/ul	
19) Chrysene	21.28	228	63922	10.51	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	186852m	23.95	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	58232m	7.66	ng/ul	
23) Benzo(a)pyrene	23.37	252	127213	17.60	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.70	276	131276	15.23	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.70	278	36916m	5.36	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	117348	15.88	ng/ul#	87

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

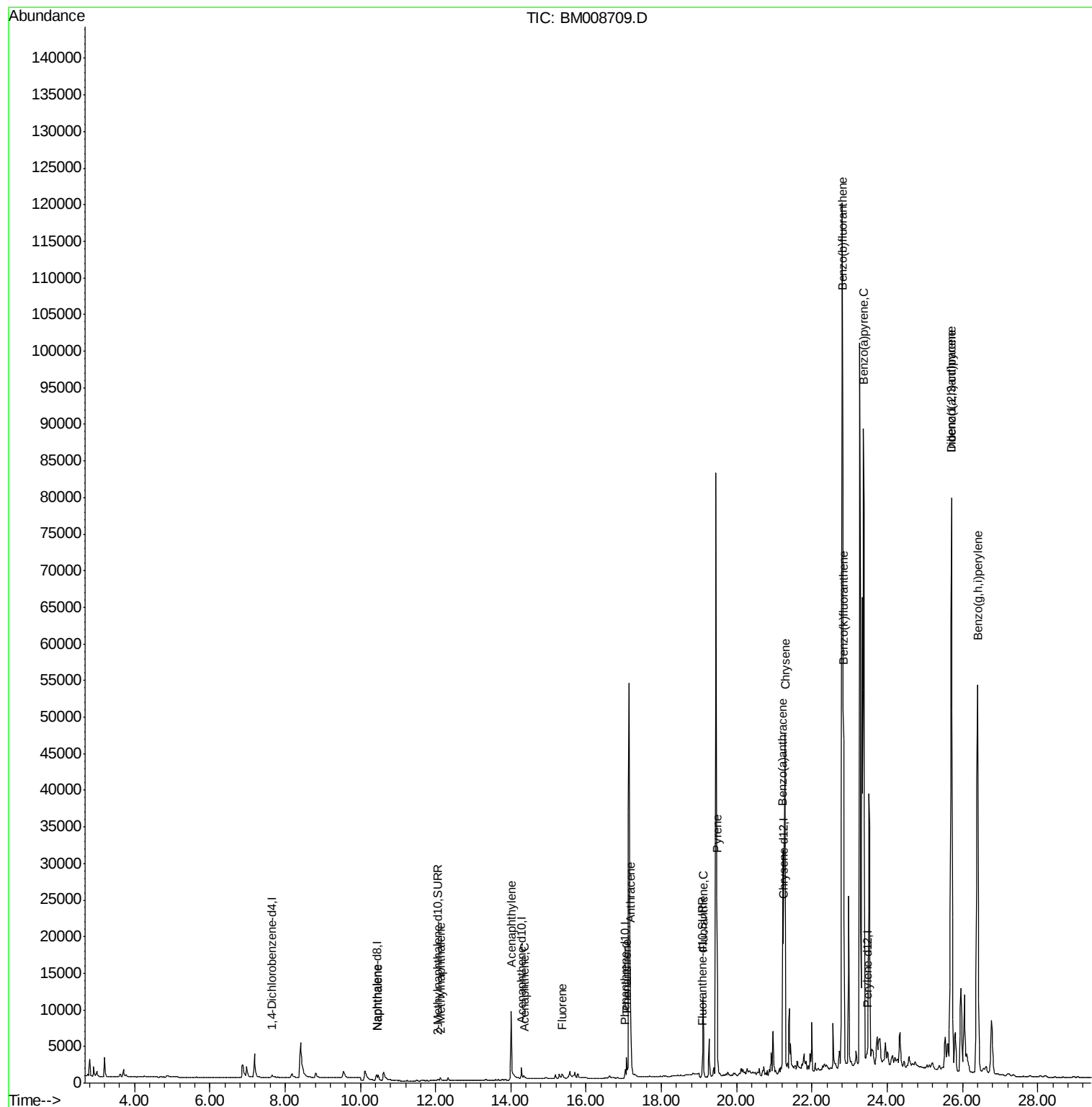
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
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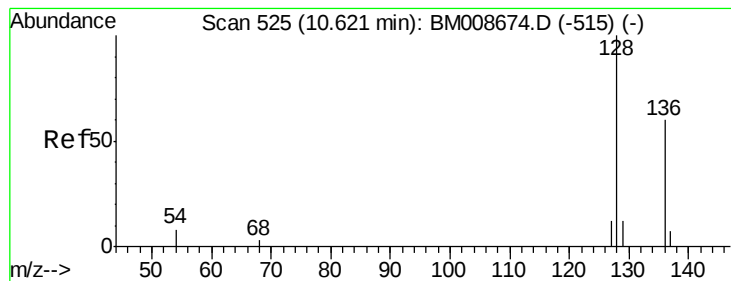
Instrument :
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QLast Update : Thu Dec 29 03:29:39 2016
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#3

Naphthalene

Concen: 0.35 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.13 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

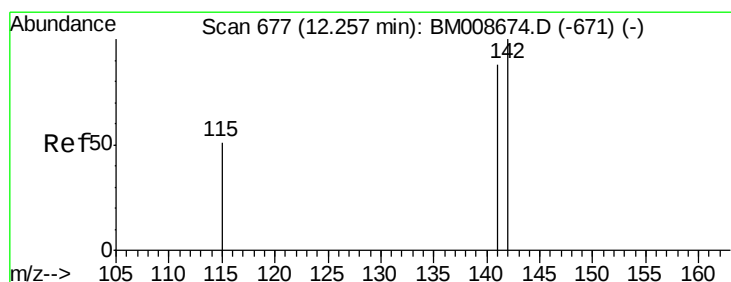
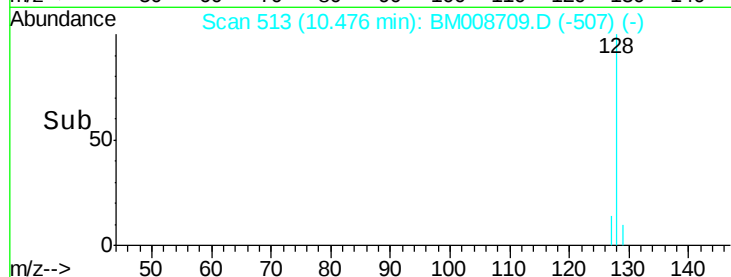
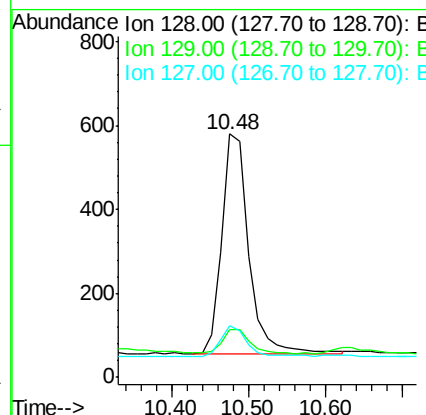
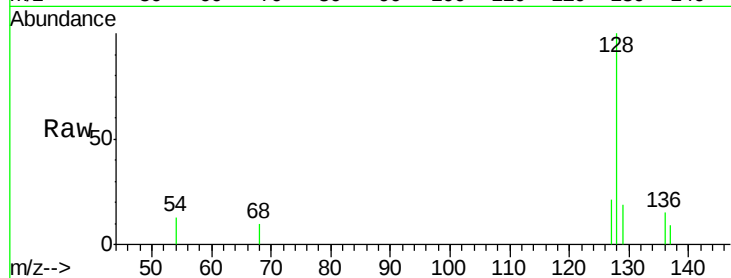
ClientSampleId :

DA7G1

Tgt Ion	Ratio	Lower	Upper
128	100		
129	19.5	11.3	16.9#
127	21.2	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

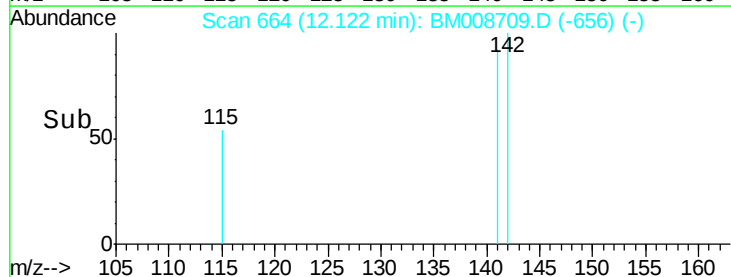
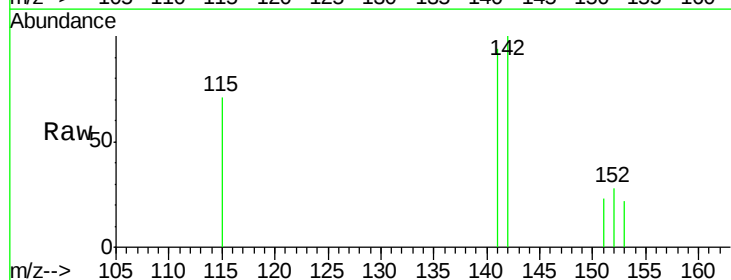
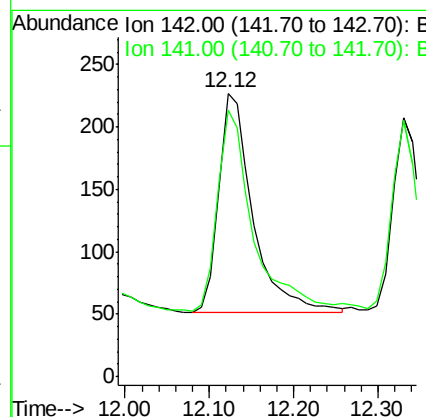
RT: 12.12 min Scan# 664

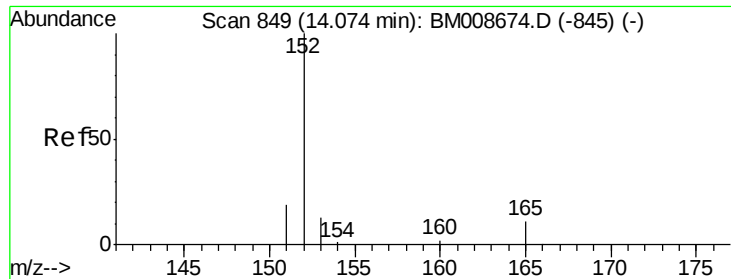
Delta R.T. -0.11 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8





#7

Acenaphthylene

Concen: 3.63 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.07 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

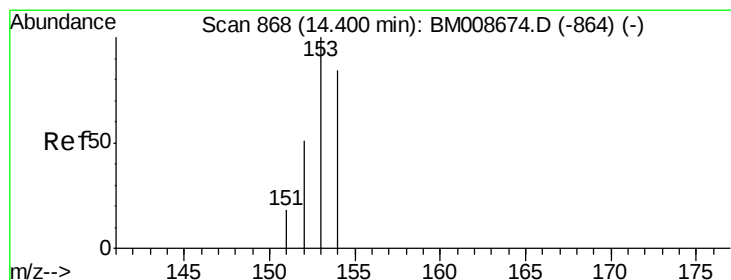
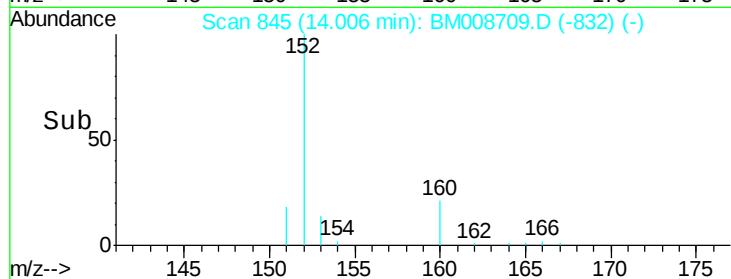
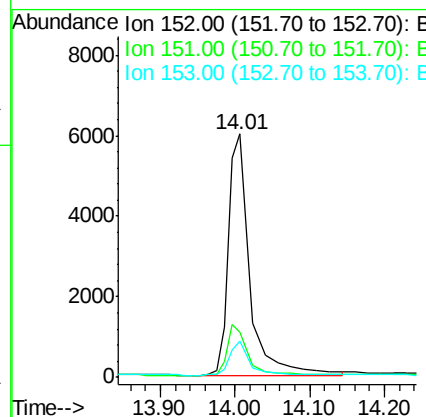
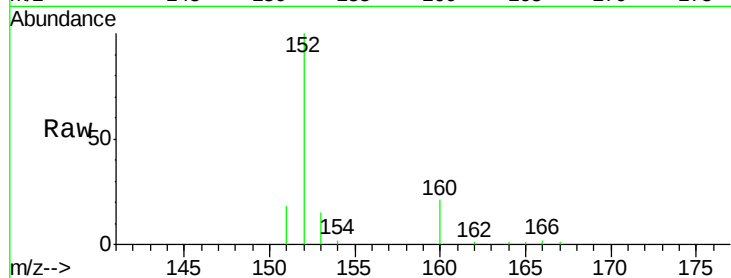
ClientSampleId :

DA7G1

Tgt Ion:	152	Resp:	13148
Ion Ratio		Lower	Upper
152	100		
151	18.4	17.1	25.7
153	15.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.13 ng/ul

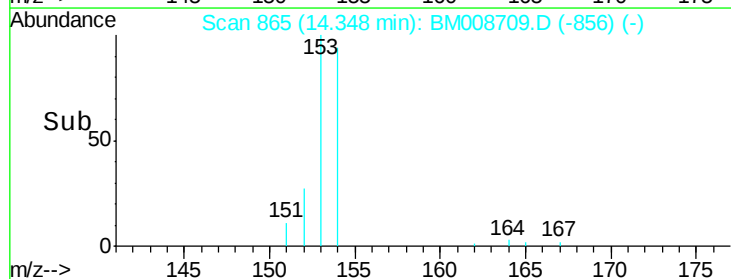
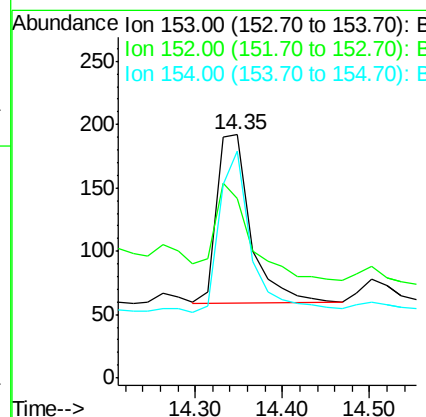
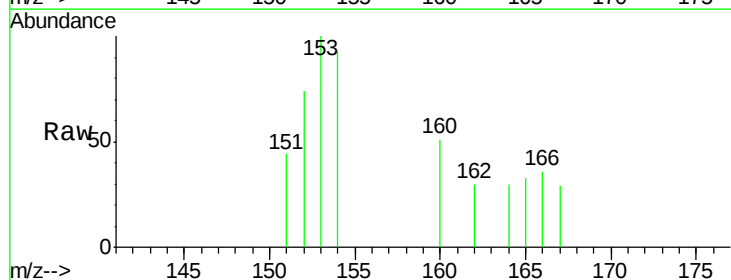
RT: 14.35 min Scan# 865

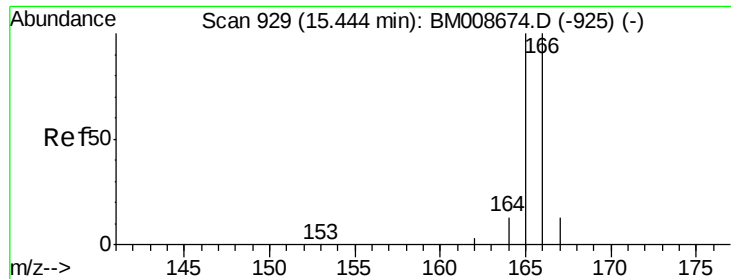
Delta R.T. -0.05 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Tgt Ion:	153	Resp:	363
Ion Ratio		Lower	Upper
153	100		
152	74.0	40.3	60.5#
154	93.2	71.4	107.2





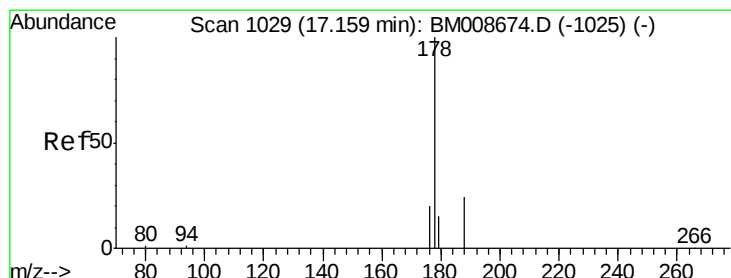
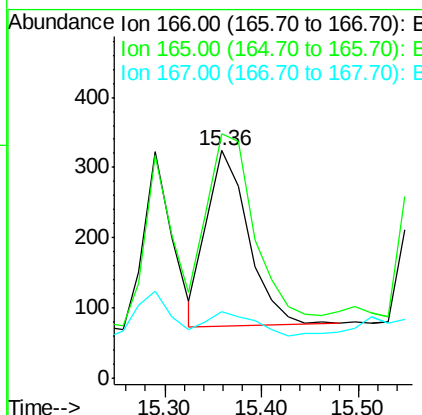
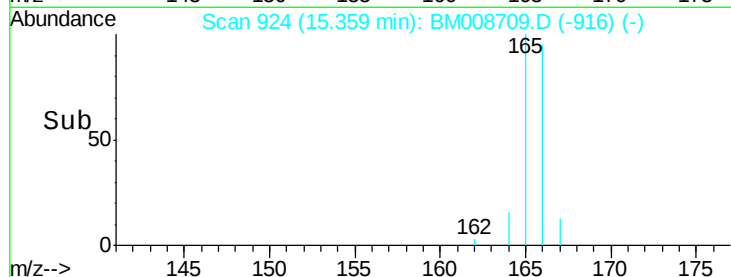
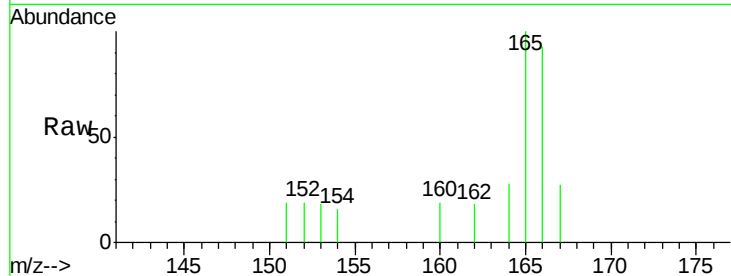
#9
Fluorene
Concen: 0.24 ng/ul
RT: 15.36 min Scan# 924
Delta R.T. -0.07 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion:166 Resp: 748
Ion Ratio Lower Upper
166 100
165 107.4 73.4 110.2
167 29.0 14.6 22.0#

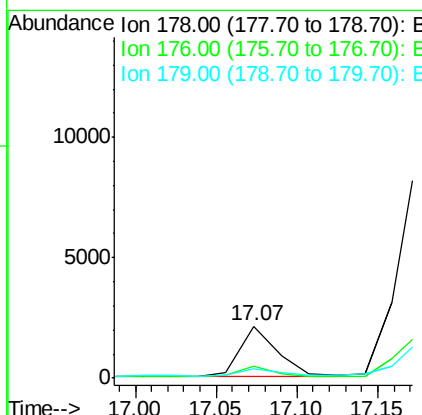
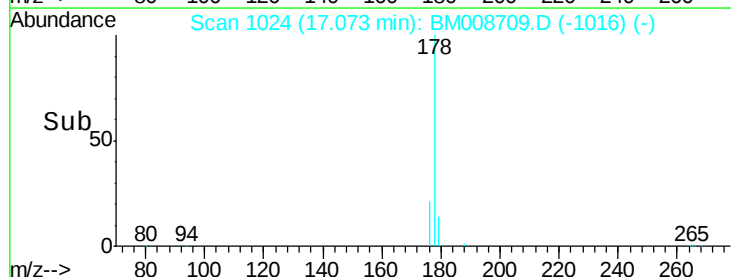
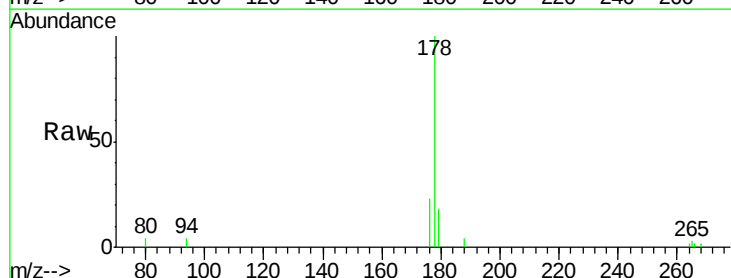
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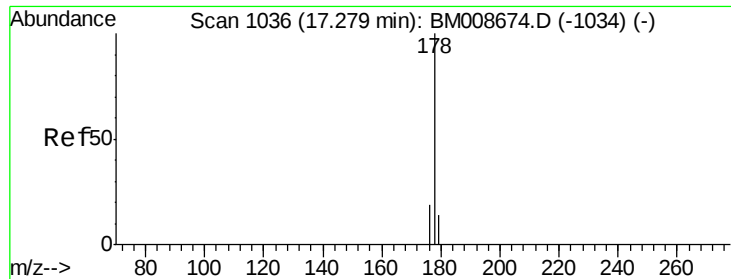
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#12
Phenanthrene
Concen: 0.65 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Tgt Ion:178 Resp: 3402
Ion Ratio Lower Upper
178 100
176 23.1 18.4 27.6
179 17.8 13.6 20.4





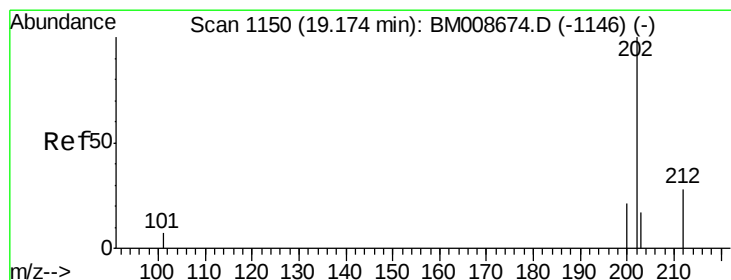
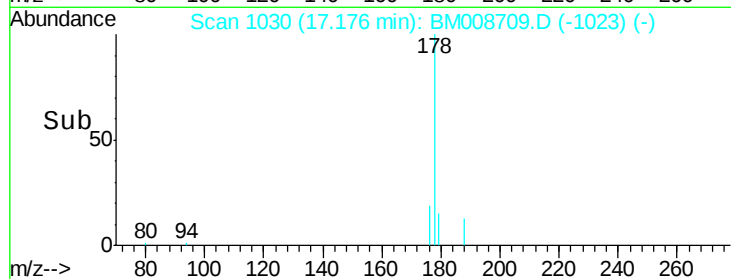
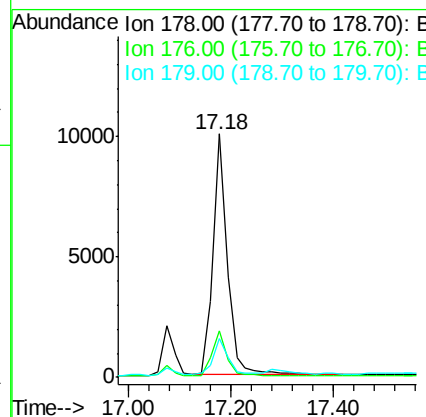
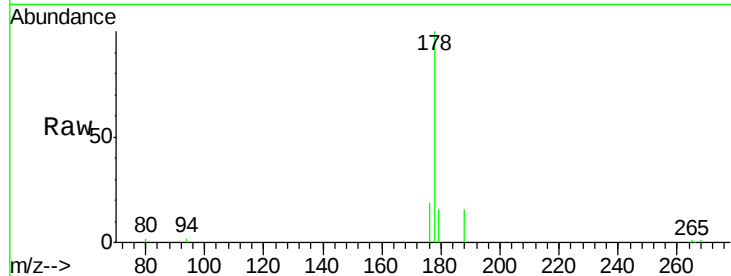
#13
 Anthracene
 Concen: 3.76 ng/u1
 RT: 17.18 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Tgt Ion:178 Resp: 19054
 Ion Ratio Lower Upper
 178 100
 176 19.4 18.1 27.1
 179 16.0 14.7 22.1

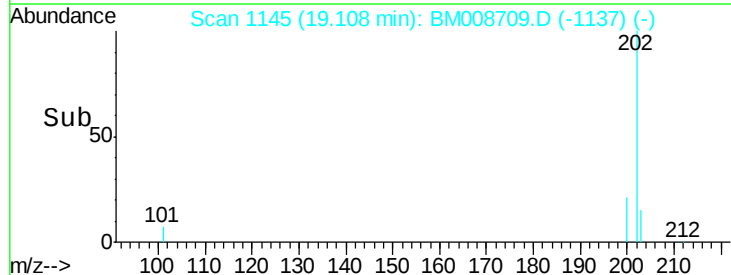
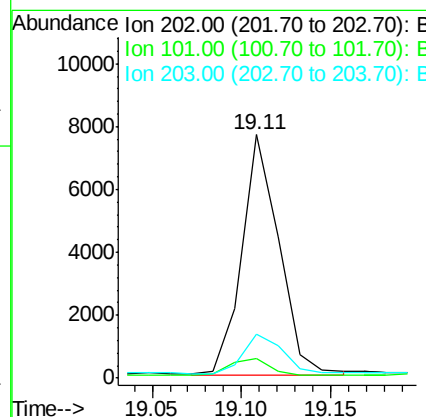
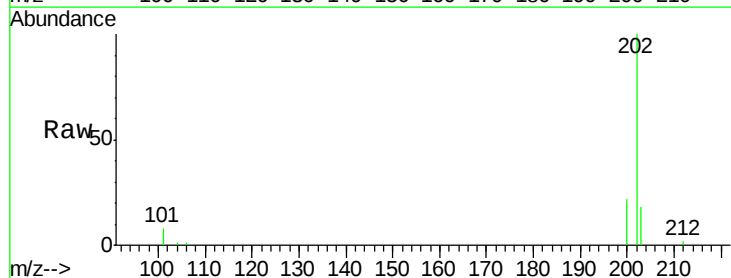
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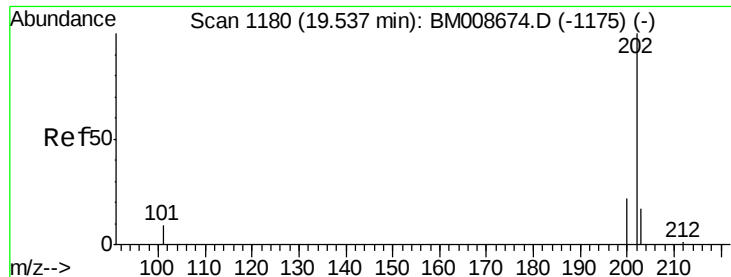
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#15
 Fluoranthene
 Concen: 1.74 ng/u1 m
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.05 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

Tgt Ion:202 Resp: 11093
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 30.3
 203 17.9 0.0 39.5





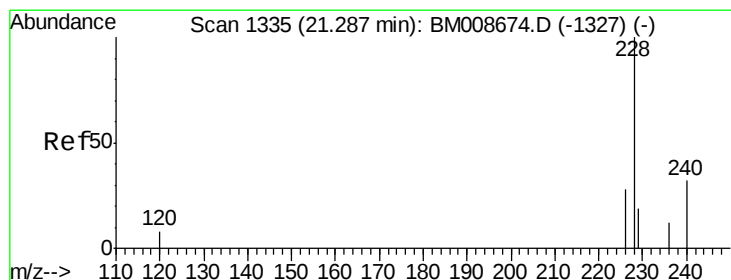
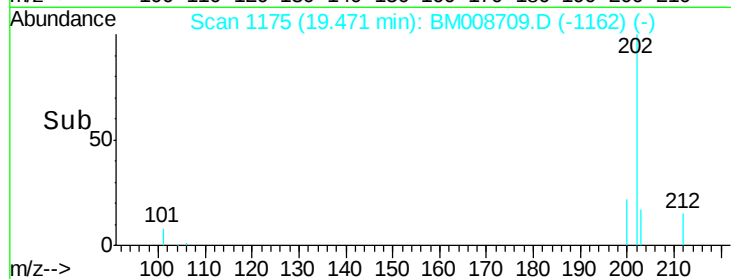
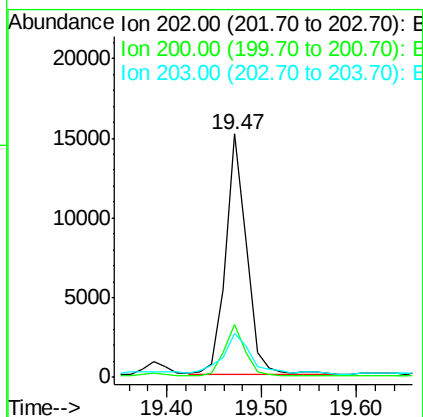
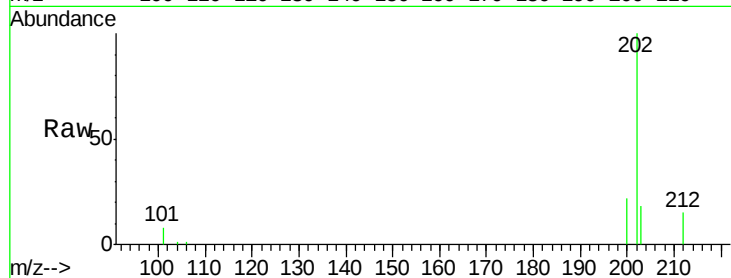
#17
 Pyrene
 Concen: 3.52 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.05 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	18.2	27.4
203	18.1	15.6	23.4

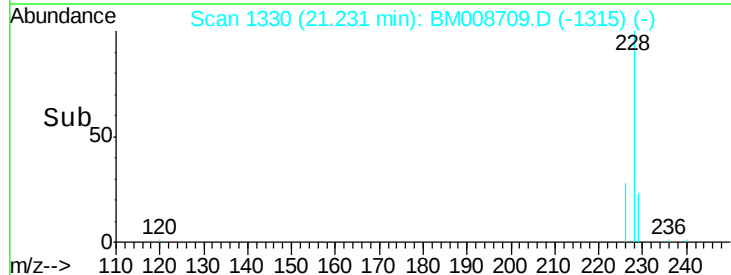
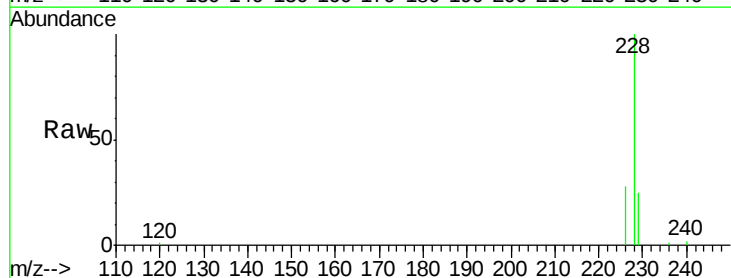
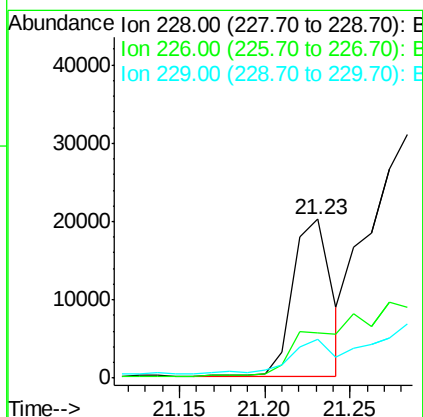
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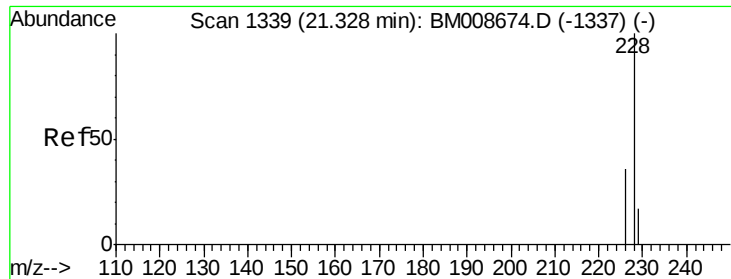
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#18
 Benzo(a)anthracene
 Concen: 5.69 ng/ul m
 RT: 21.23 min Scan# 1330
 Delta R.T. -0.04 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.8	34.2
229	24.6	17.0	25.6





#19

Chrysene

Concen: 10.51 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Instrument :

BNA_M

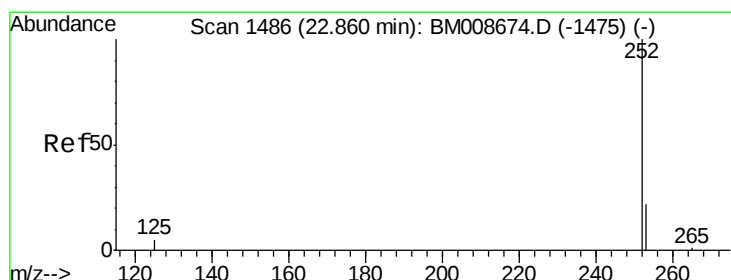
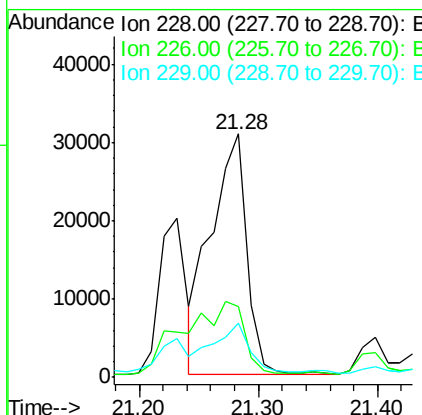
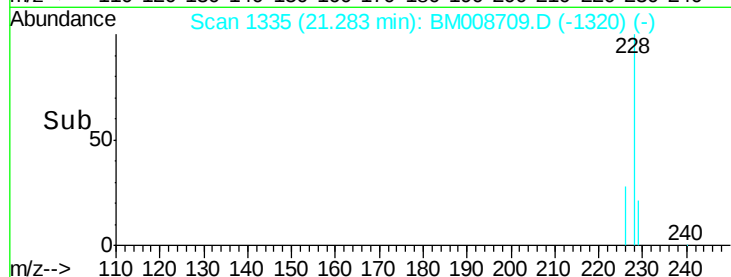
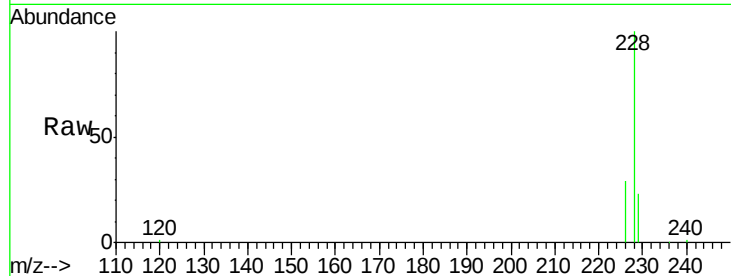
ClientSampleId :

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Tgt Ion:	228	Resp:	63922
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 23.95 ng/ul m

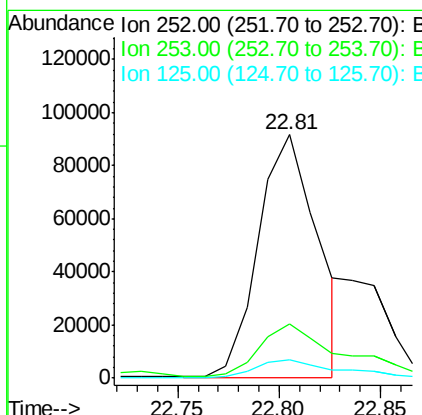
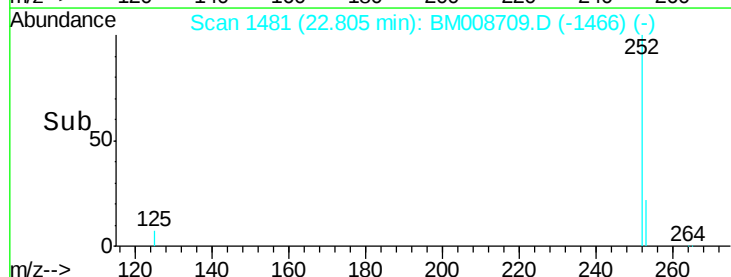
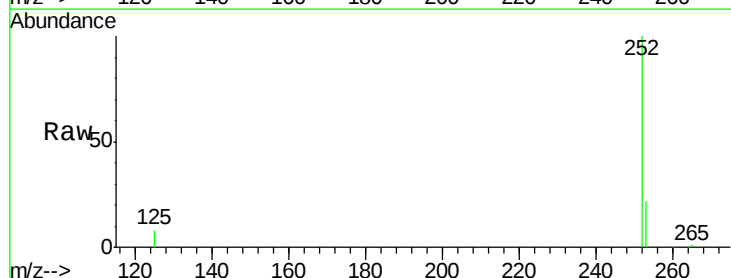
RT: 22.81 min Scan# 1481

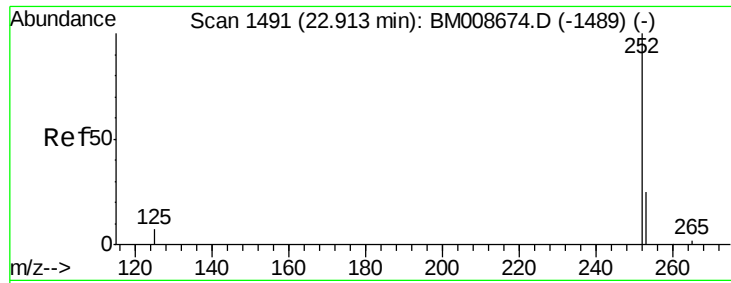
Delta R.T. -0.04 min

Lab File: BM008709.D

Acq: 29 Dec 2016 01:09

Tgt Ion:	252	Resp:	186852
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	64.2
125	7.6	0.0	35.0





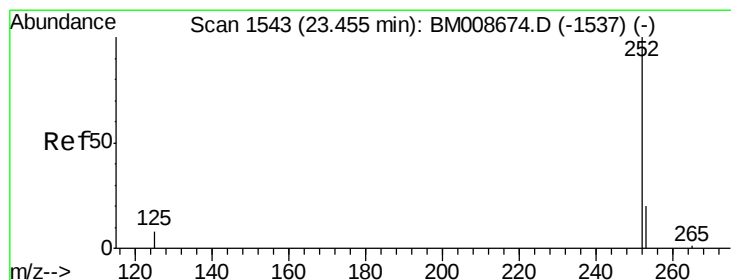
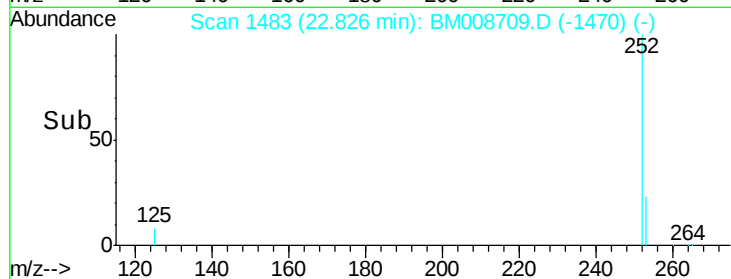
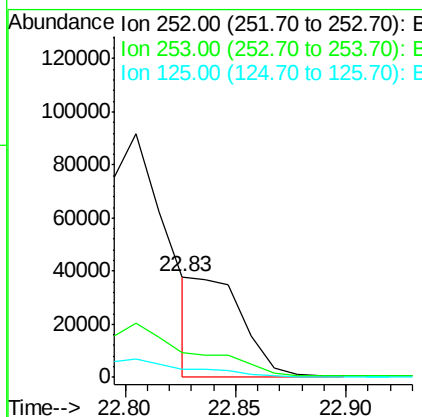
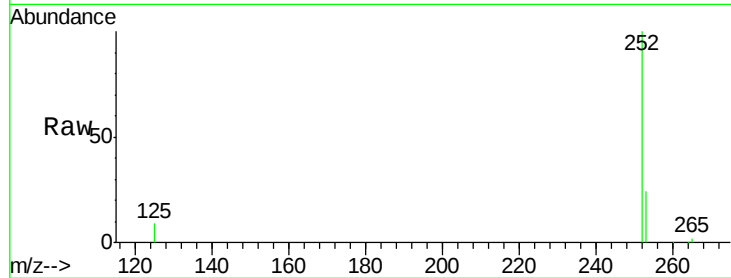
#22
Benzo(k)fluoranthene
Concen: 7.66 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.06 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Instrument :
BNA_M
ClientSampleId :
DA7G1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	8.6	13.7	20.5#

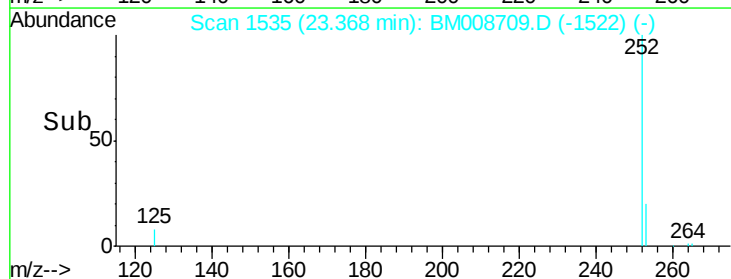
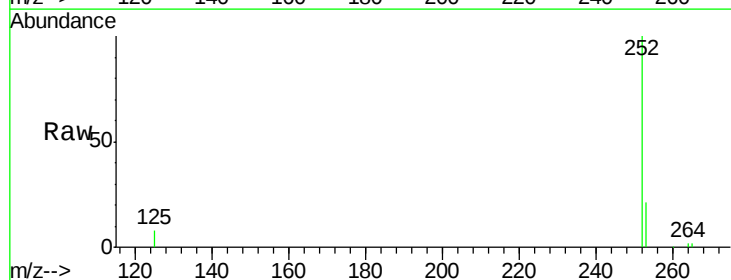
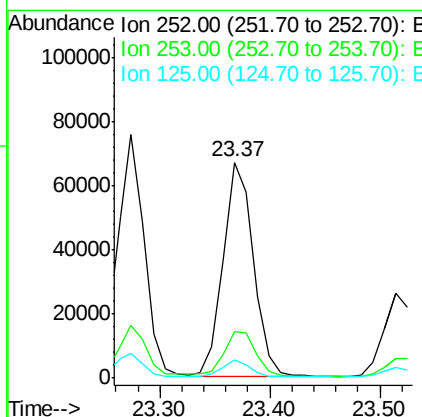
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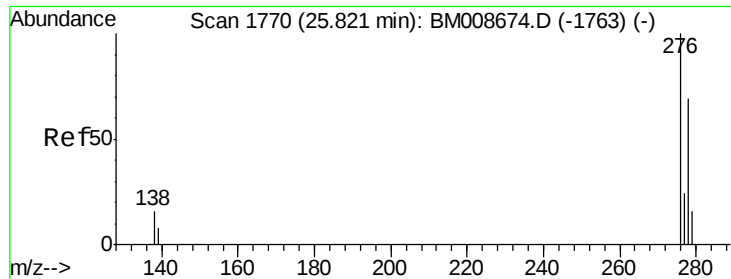
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#23
Benzo(a)pyrene
Concen: 17.60 ng/ul
RT: 23.37 min Scan# 1535
Delta R.T. -0.06 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

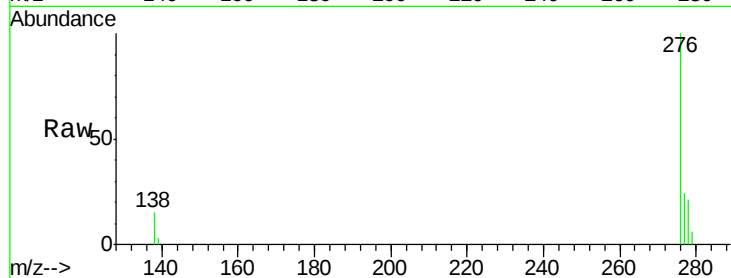
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	28.5	42.7#
125	8.4	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 15.23 ng/ul
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.08 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09

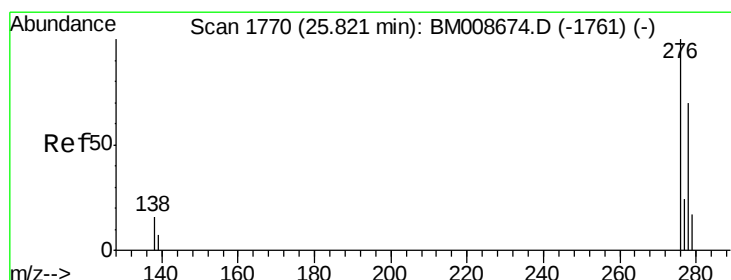
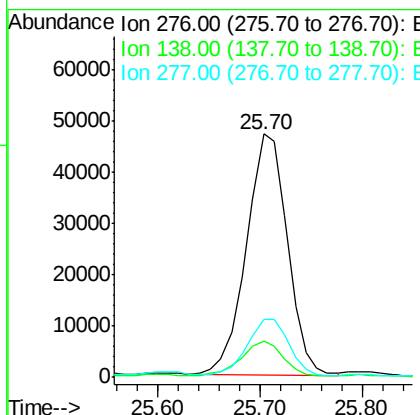
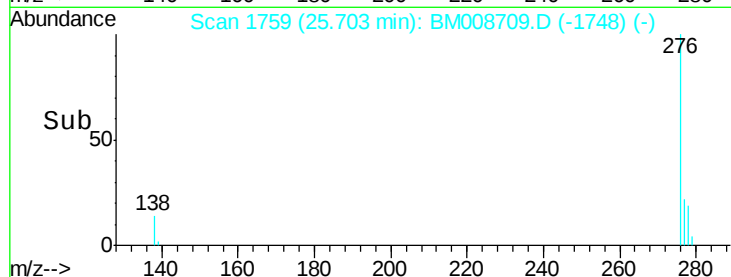
Instrument :
 BNA_M
 ClientSampleId :
 DA7G1



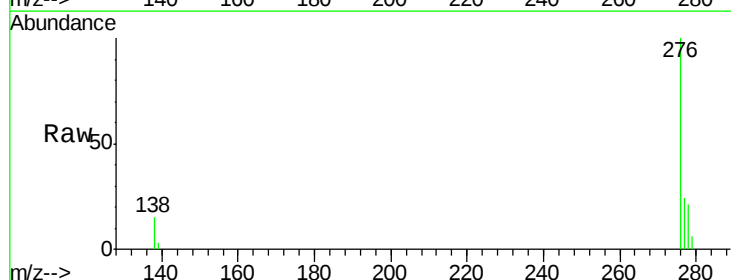
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	131276		
138	14.7	19.1	28.7#	
277	23.6	19.6	29.4	

Manual Integrations
 APPROVED

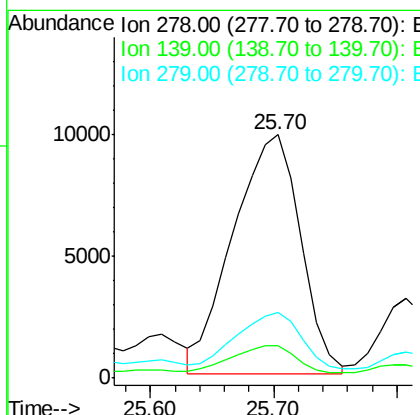
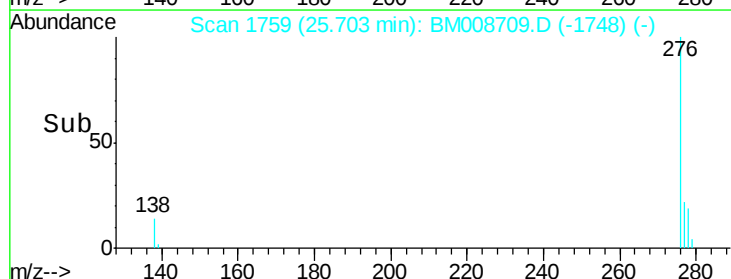
mohammad
 12/30/2016 8:54:10 AM

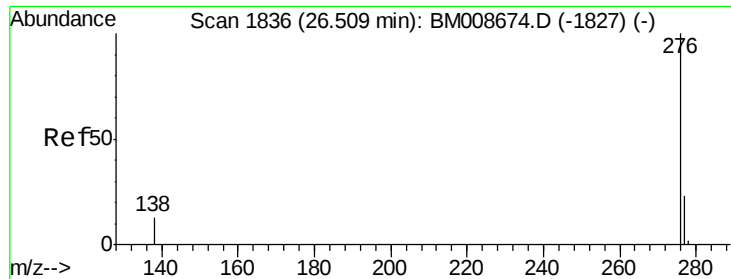


#25
 Dibenzo(a,h)anthracene
 Concen: 5.36 ng/ul m
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.08 min
 Lab File: BM008709.D
 Acq: 29 Dec 2016 01:09



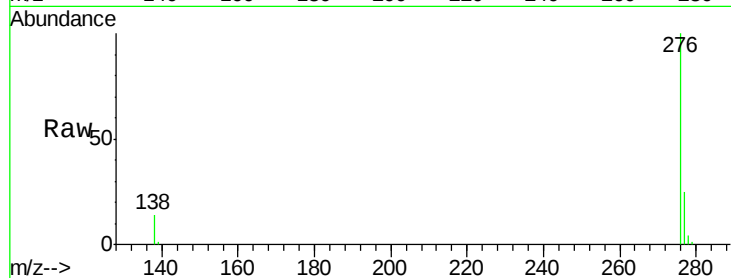
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	36916		
139	13.1	17.4	26.0#	
279	26.9	25.9	38.9	





#26
Benzo(g,h,i)perylene
Concen: 15.88 ng/ul
RT: 26.40 min Scan# 1826
Delta R.T. -0.08 min
Lab File: BM008709.D
Acq: 29 Dec 2016 01:09

Instrument :
BNA_M
ClientSampleId :
DA7G1



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	21.8	32.8
138	14.5	20.5	30.7

Manual Integrations
APPROVED

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