

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008697.D
 Acq On : 28 Dec 2016 17:18
 Operator : UM/SJ
 Sample : H5995-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA864

Manual Integrations
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 12/30/2016 8:53:26 AM

Quant Time: Dec 29 11:00:33 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	7.63	152	509m	0.40	ng/ul	-0.19
2) Naphthalene-d8	10.40	136	3284m	0.40	ng/ul	-0.16
6) Acenaphthene-d10	14.31	164	7016	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.00	188	104076	0.40	ng/ul	-0.10
16) Chrysene-d12	21.27	240	8028m	0.40	ng/ul	-0.02
20) Perylene-d12	23.51	264	1987m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1526m	0.30	ng/ul	-0.16
14) Fluoranthene-d10	19.08	212	30191	0.11	ng/ul	-0.06
Target Compounds					Qvalue	
3) Naphthalene	10.45	128	87241m	9.44	ng/ul	
5) 2-Methylnaphthalene	12.07	142	160739m	25.85	ng/ul	
7) Acenaphthylene	14.00	152	8603	0.27	ng/ul#	29
8) Acenaphthene	14.33	153	20613	0.86	ng/ul	88
9) Fluorene	15.34	166	92690	3.40	ng/ul	95
12) Phenanthrene	17.07	178	101477m	0.32	ng/ul	
15) Fluoranthene	19.13	202	32746m	0.08	ng/ul	
17) Pyrene	19.49	202	55189m	1.78	ng/ul	
23) Benzo(a)pyrene	23.40	252	6493m	0.89	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.76	276	3461m	0.40	ng/ul	
26) Benzo(g,h,i)perylene	26.45	276	3606m	0.49	ng/ul	

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

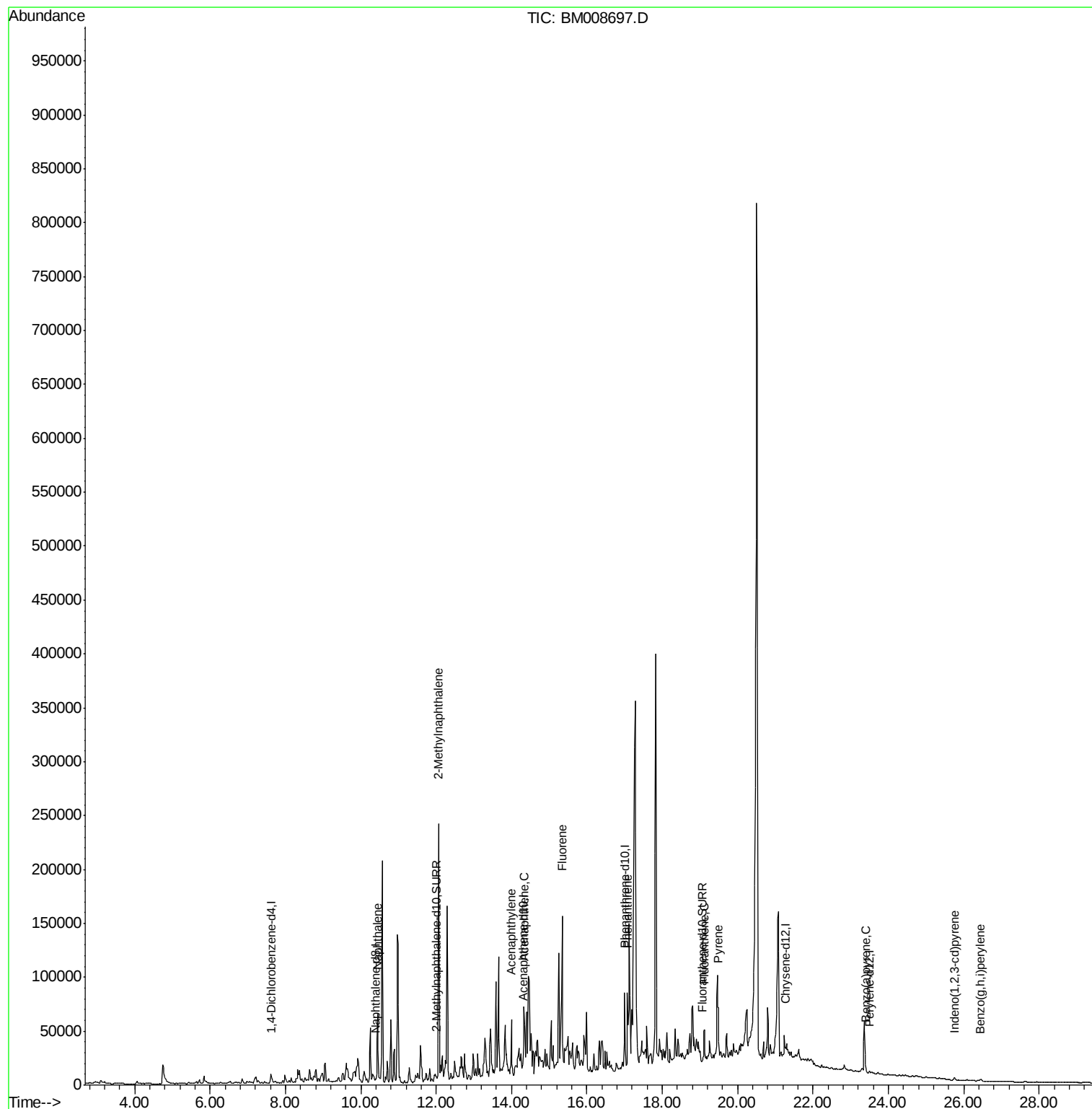
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008697.D
Acq On : 28 Dec 2016 17:18
Operator : UM/SJ
Sample : H5995-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

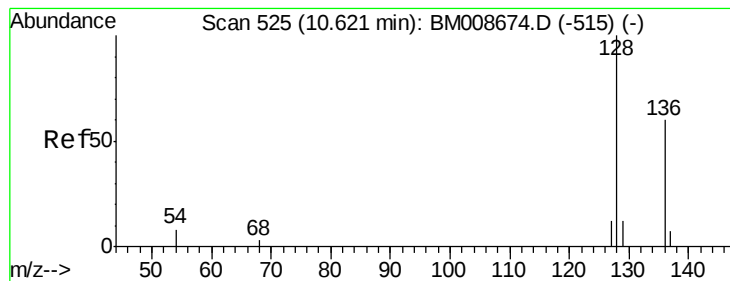
Instrument :
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ClientSampleId :
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#3

Naphthalene

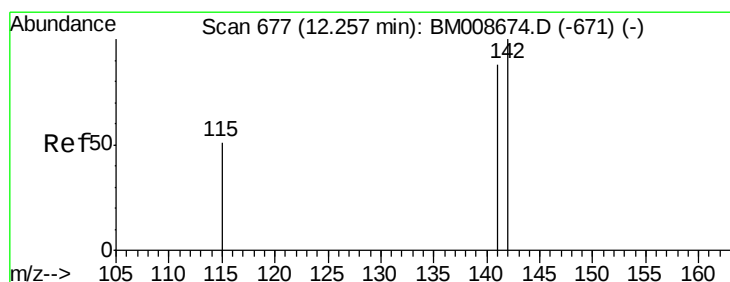
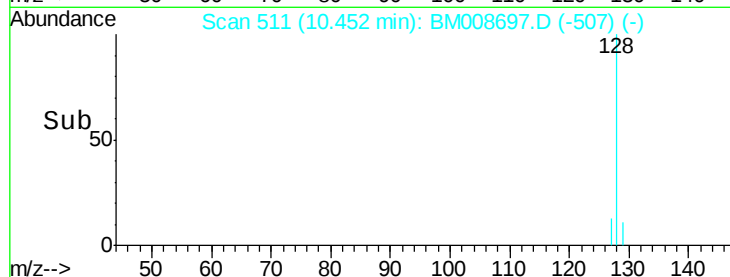
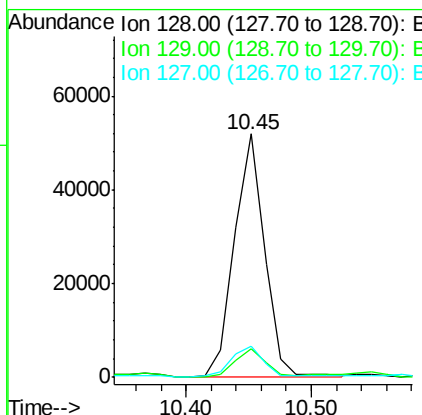
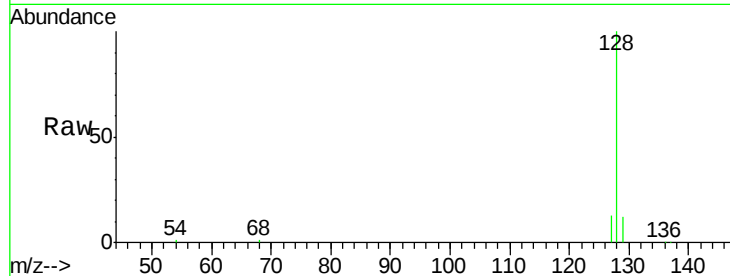
Concen: 9.44 ng/ul m
RT: 10.45 min Scan# 511
Delta R.T. -0.16 min
Lab File: BM008697.D
Acq: 28 Dec 2016 17:18

Instrument :
BNA_M
ClientSampleId :
DA864

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	12.9	12.8	19.2

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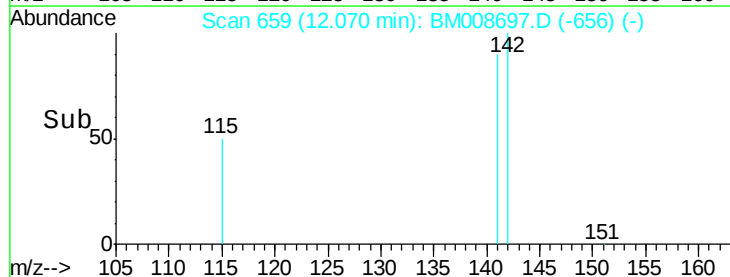
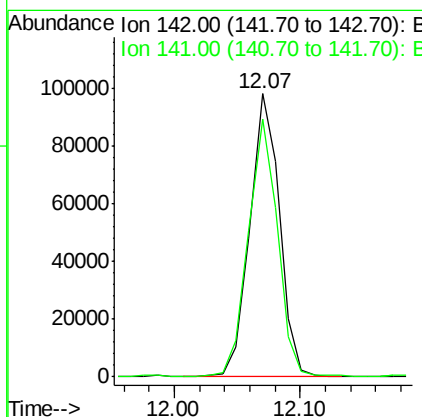
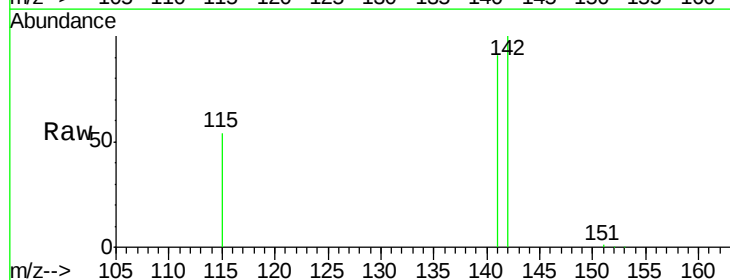


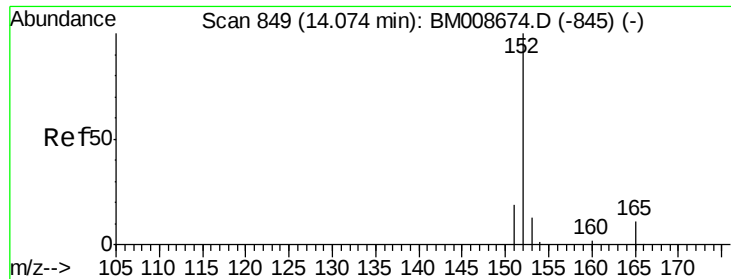
#5

2-Methylnaphthalene

Concen: 25.85 ng/ul m
RT: 12.07 min Scan# 659
Delta R.T. -0.17 min
Lab File: BM008697.D
Acq: 28 Dec 2016 17:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	67.0	72.6	108.8#





#7

Acenaphthylene

Concen: 0.27 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.08 min

Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Instrument :

BNA_M

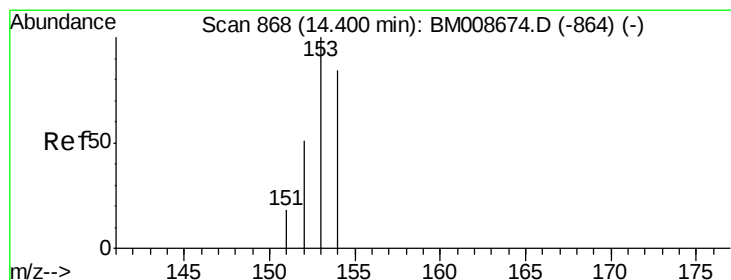
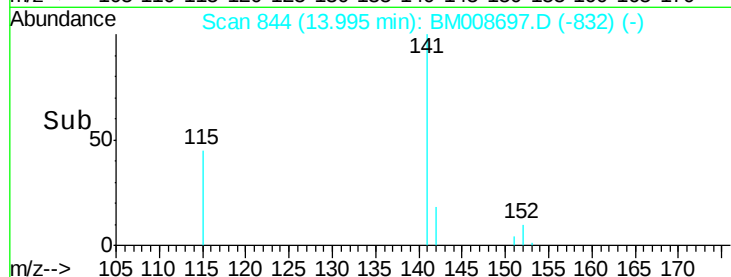
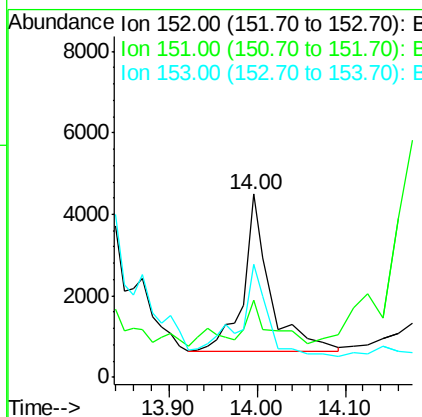
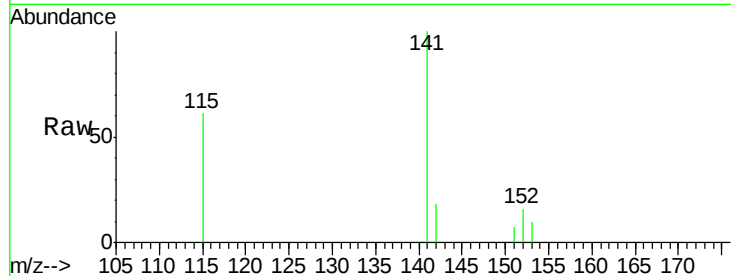
ClientSampleId :

DA864

Tgt Ion:	152	Resp:	8603
Ion Ratio	Lower	Upper	
152	100		
151	41.8	17.1	25.7#
153	61.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.86 ng/ul

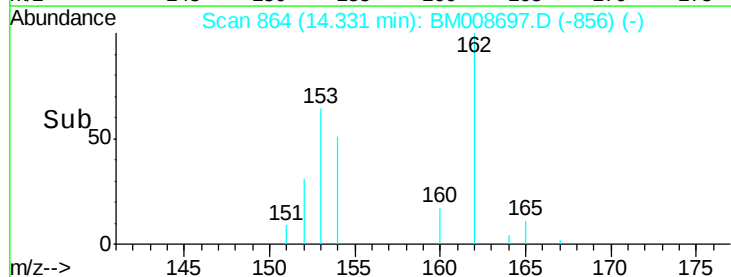
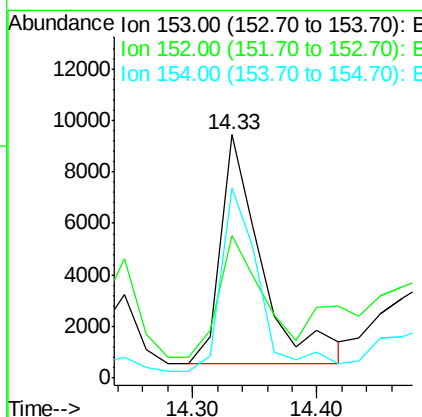
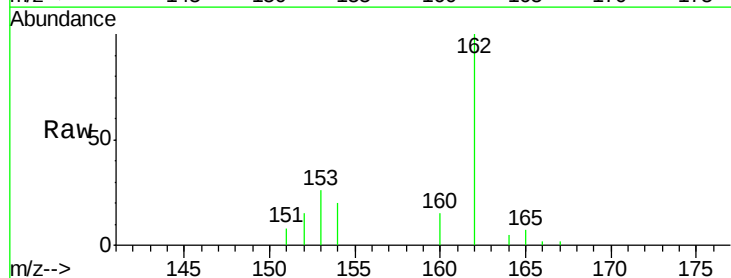
RT: 14.33 min Scan# 864

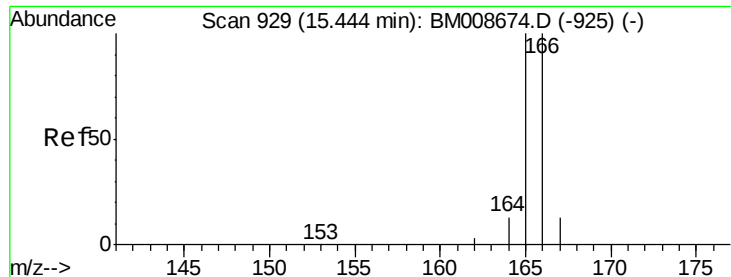
Delta R.T. -0.07 min

Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Tgt Ion:	153	Resp:	20613
Ion Ratio	Lower	Upper	
153	100		
152	58.6	40.3	60.5
154	78.0	71.4	107.2





#9

Fluorene

Concen: 3.40 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Instrument :

BNA_M

ClientSampled :

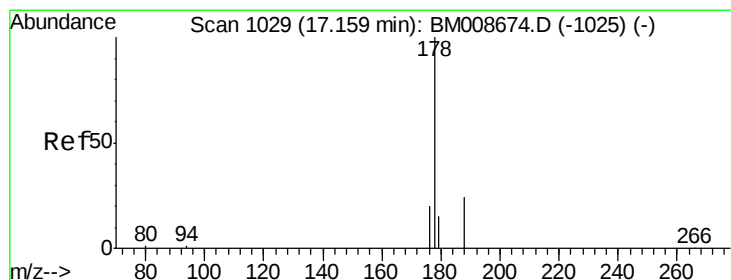
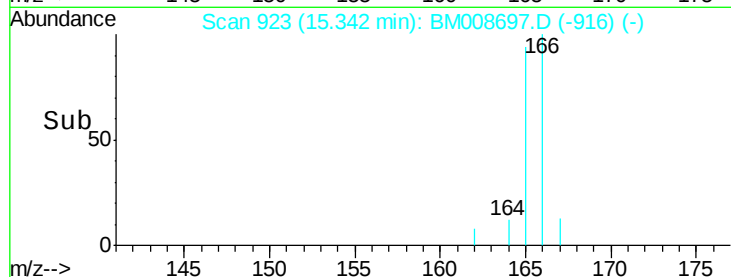
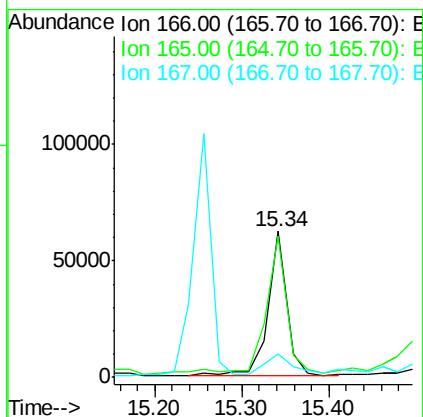
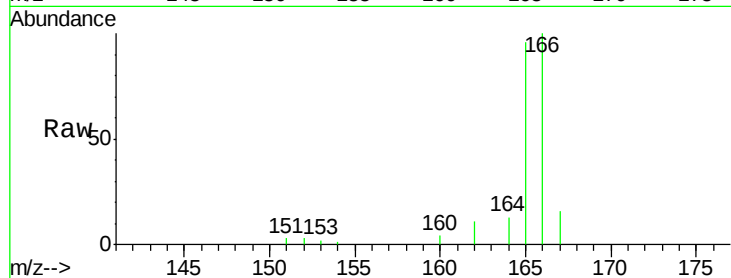
DA864

Tgt Ion:166 Resp: 92690

Ion	Ratio	Lower	Upper
166	100		
165	96.5	73.4	110.2
167	16.3	14.6	22.0

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#12

Phenanthrene

Concen: 0.32 ng/ul m

RT: 17.07 min Scan# 1024

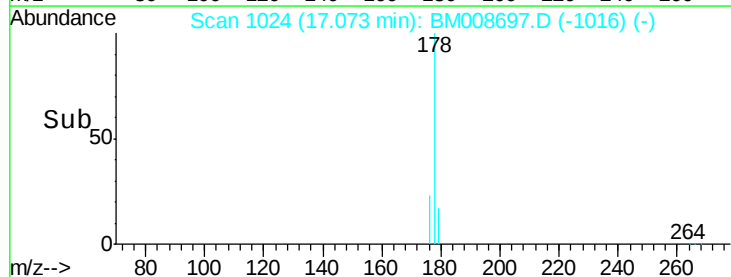
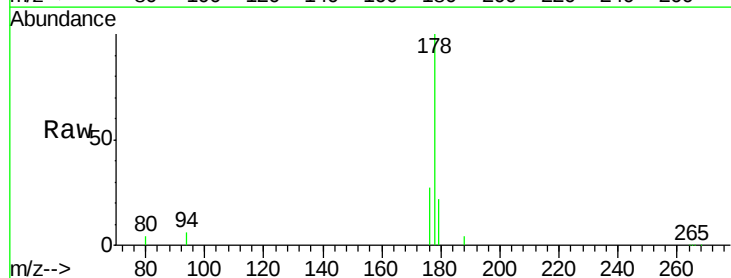
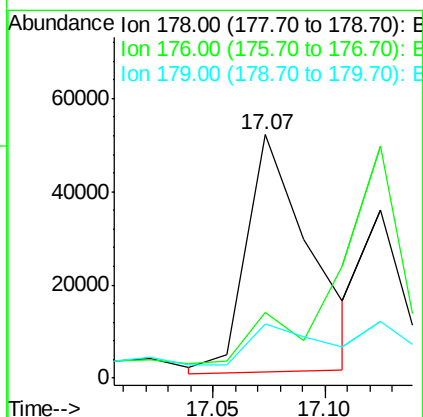
Delta R.T. -0.07 min

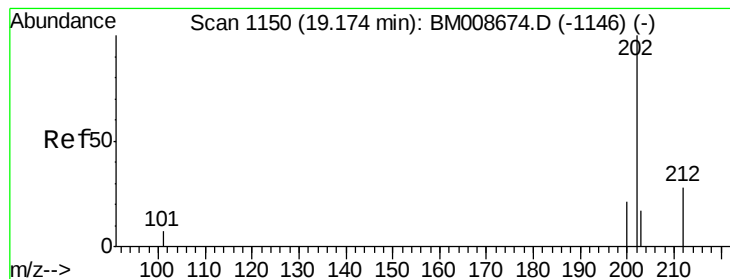
Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Tgt Ion:178 Resp: 101477

Ion	Ratio	Lower	Upper
178	100		
176	26.8	18.4	27.6
179	22.0	13.6	20.4





#15

Fluoranthene

Concen: 0.08 ng/ul m

RT: 19.13 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Instrument :

BNA_M

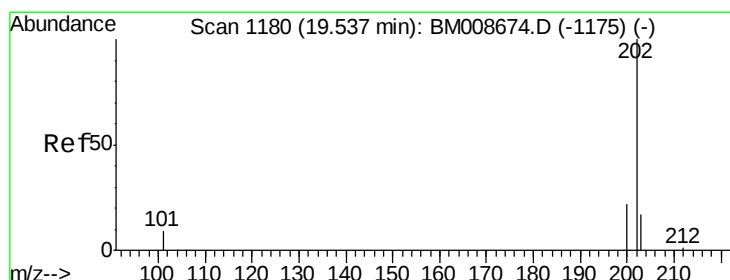
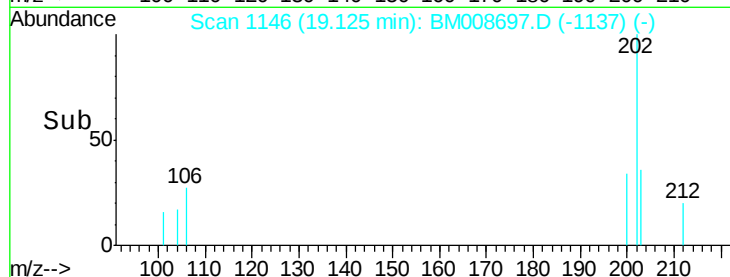
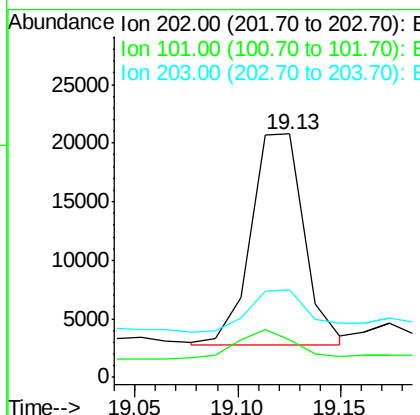
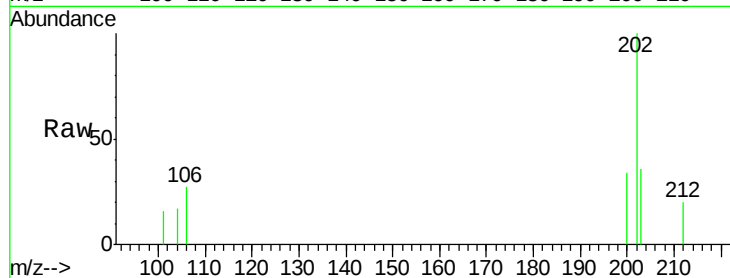
ClientSampleId :

DA864

Tgt Ion:	202	Resp:	32746
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	30.3
203	35.7	0.0	39.5

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#17

Pyrene

Concen: 1.78 ng/ul m

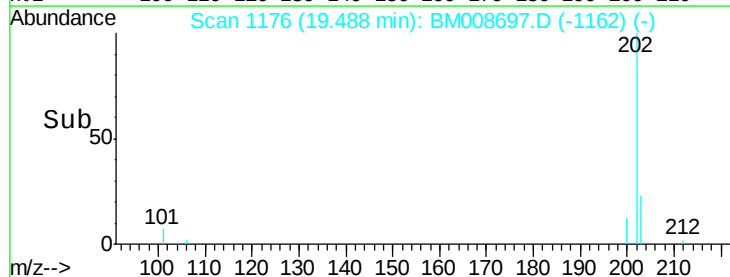
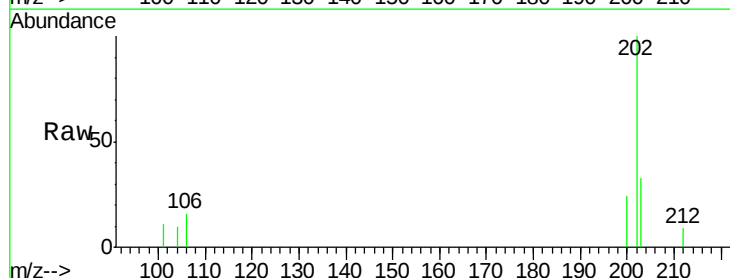
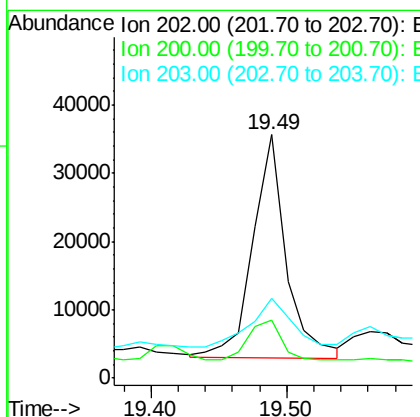
RT: 19.49 min Scan# 1176

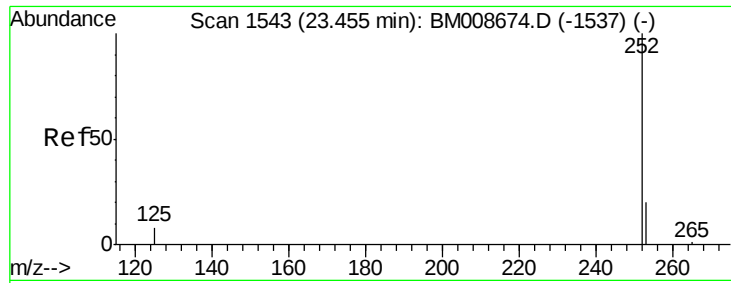
Delta R.T. -0.03 min

Lab File: BM008697.D

Acq: 28 Dec 2016 17:18

Tgt Ion:	202	Resp:	55189
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.2	27.4
203	32.8	15.6	23.4#





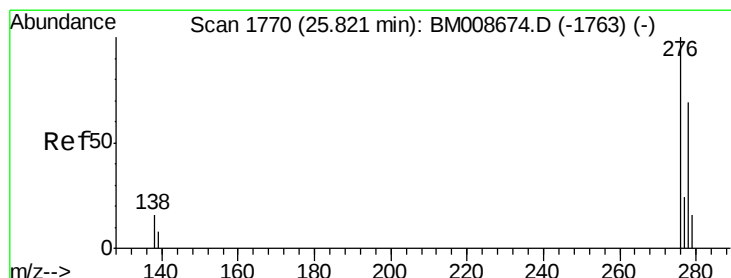
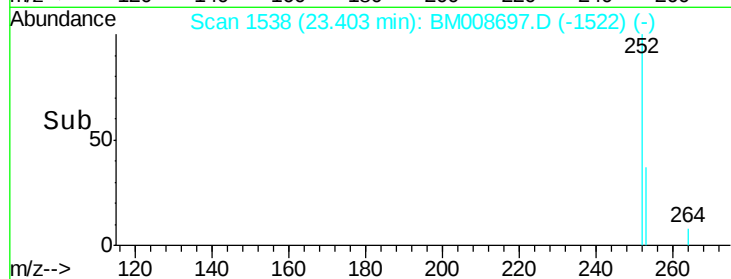
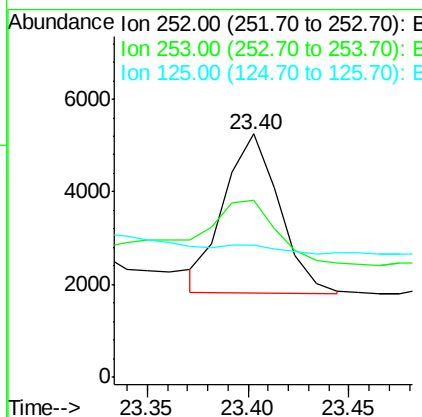
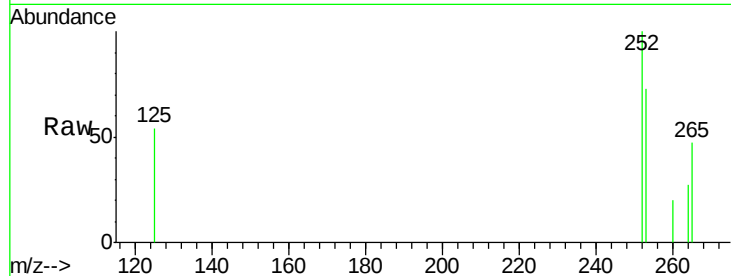
#23
Benzo(a)pyrene
Concen: 0.89 ng/ul m
RT: 23.40 min Scan# 1538
Delta R.T. -0.03 min
Lab File: BM008697.D
Acq: 28 Dec 2016 17:18

Instrument :
BNA_M
ClientSampleId :
DA864

Tgt Ion	Ratio	Lower	Upper
252	100		
253	72.5	28.5	42.7#
125	54.1	18.1	27.1#

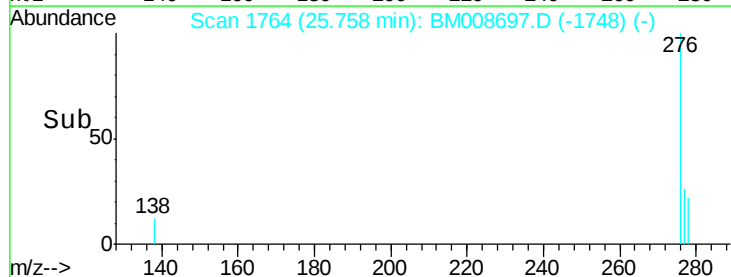
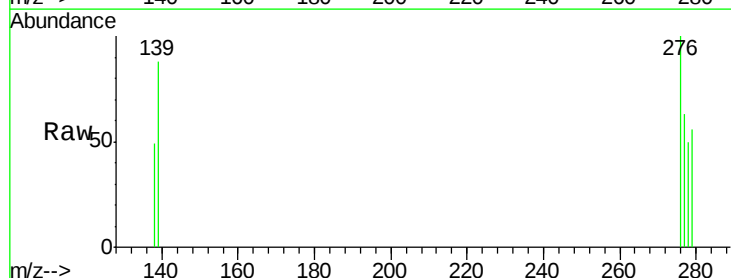
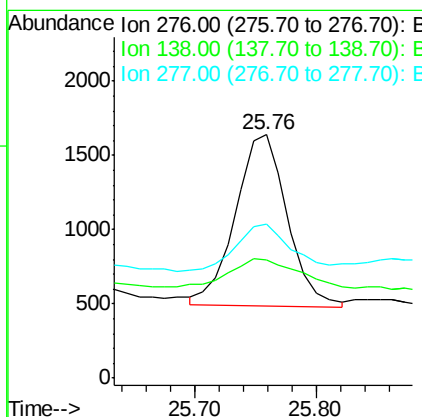
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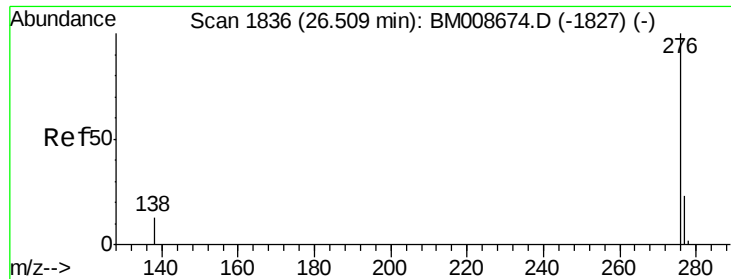
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul m
RT: 25.76 min Scan# 1764
Delta R.T. -0.03 min
Lab File: BM008697.D
Acq: 28 Dec 2016 17:18

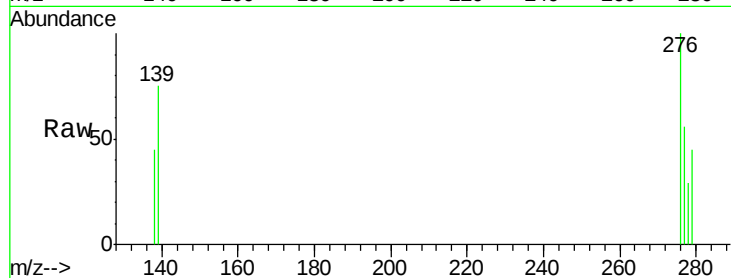
Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#26
 Benzo(g,h,i)perylene
 Concen: 0.49 ng/ul m
 RT: 26.45 min Scan# 1830
 Delta R.T. -0.04 min
 Lab File: BM008697.D
 Acq: 28 Dec 2016 17:18

Instrument :
 BNA_M
 ClientSampleId :
 DA864



Tgt Ion:	276	Resp:	3606
Ion Ratio	Lower	Upper	
276	100		
277	55.7	21.8	32.8#
138	45.1	20.5	30.7#

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