

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122716\
 Data File : BM008683.D
 Acq On : 27 Dec 2016 21:05
 Operator : UM/SJ
 Sample : H5995-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA864DL

Manual Integrations
 APPROVED

Sohil
 12/30/2016 8:46:00 AM

Quant Time: Dec 29 12:48:44 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 12:05:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	344m	0.40	ng/ul	-0.19
2) Naphthalene-d8	10.40	136	1632m	0.40	ng/ul	-0.17
6) Acenaphthene-d10	14.30	164	2805	0.40	ng/ul	-0.05
10) Phenanthrene-d10	16.99	188	23252m	0.40	ng/ul	-0.14
16) Chrysene-d12	21.25	240	3169m	0.40	ng/ul	-0.05
20) Perylene-d12	23.48	264	1452m	0.40	ng/ul	-0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	271m	0.11	ng/ul	-0.18
14) Fluoranthene-d10	19.08	212	3430m	0.05	ng/ul	-0.07
Target Compounds						
3) Naphthalene	10.45	128	28965m	6.31	ng/ul	
5) 2-Methylnaphthalene	12.07	142	53401m	17.28	ng/ul	
7) Acenaphthylene	14.00	152	3769	0.30	ng/ul#	34
8) Acenaphthene	14.33	153	6922	0.73	ng/ul	93
9) Fluorene	15.34	166	29397	2.70	ng/ul	98
17) Pyrene	19.47	202	14653m	1.20	ng/ul	
23) Benzo(a)pyrene	23.39	252	1842m	0.35	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.73	276	746m	0.12	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	702m	0.13	ng/ul	

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

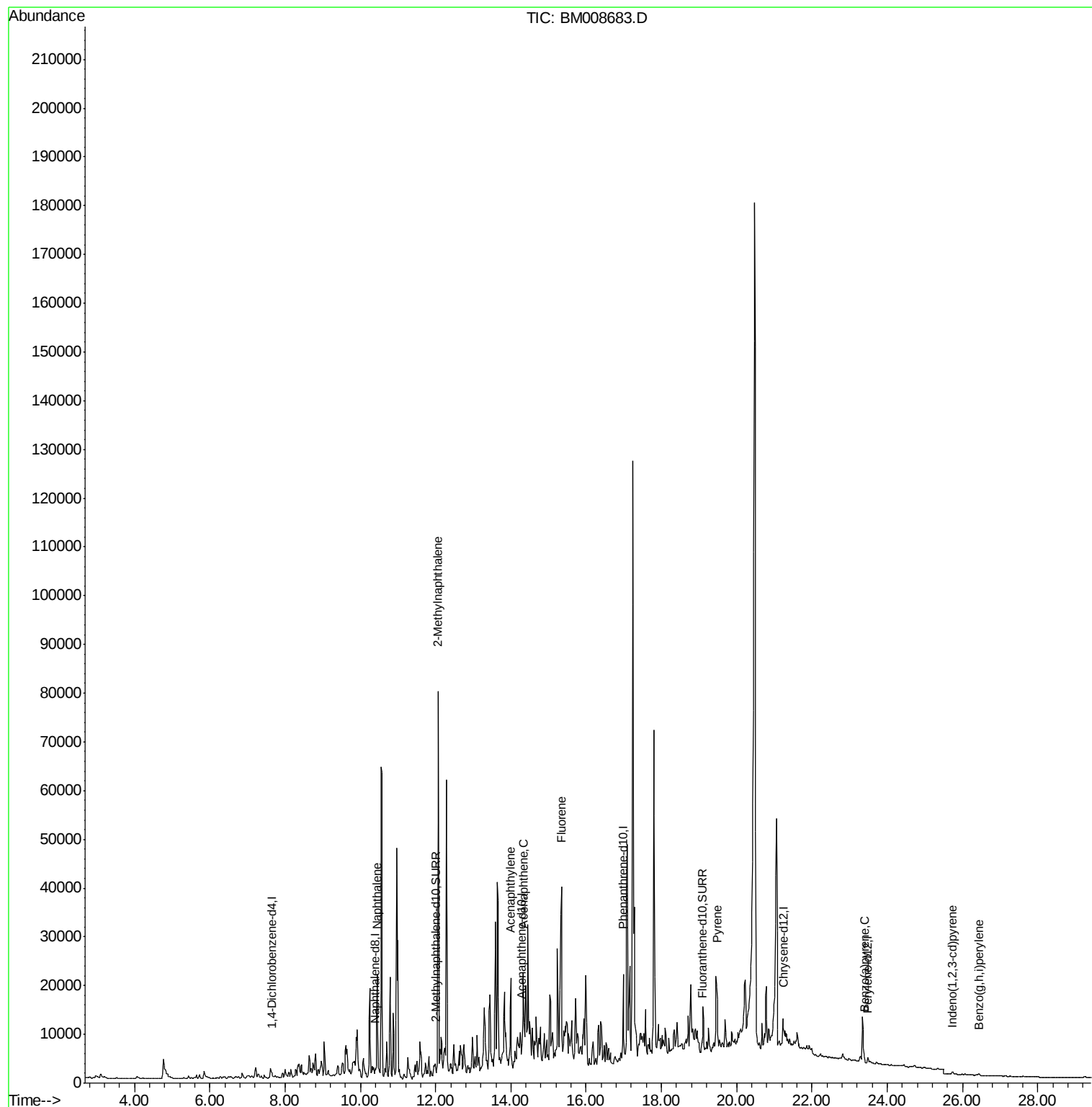
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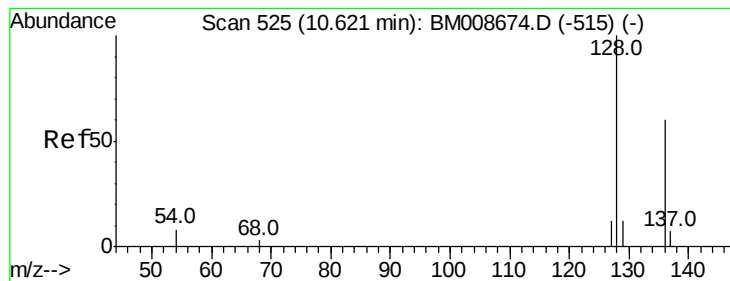
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#3

Naphthalene

Concen: 6.31 ng/ul m

RT: 10.45 min Scan# 511

Delta R.T. -0.17 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

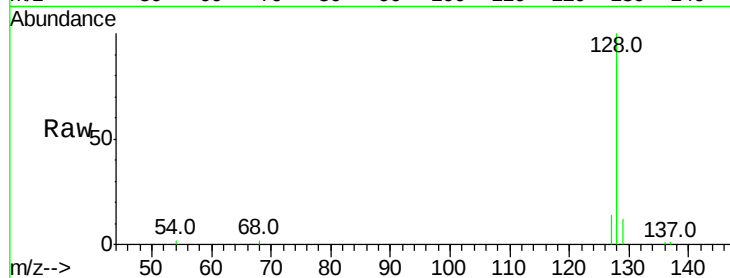
ClientSampleId :

DA864DL

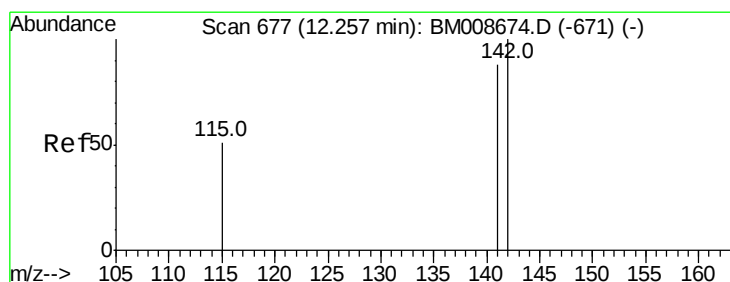
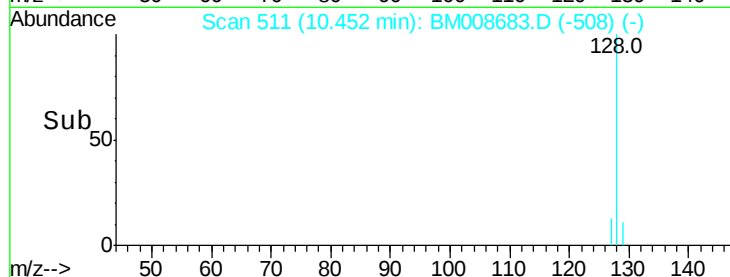
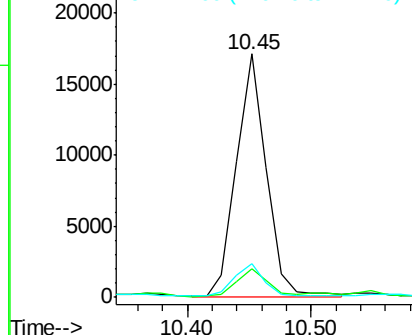
Tot Ion:	128	Resp:	28965
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.3	16.9
127	13.6	12.8	19.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 17.28 ng/ul m

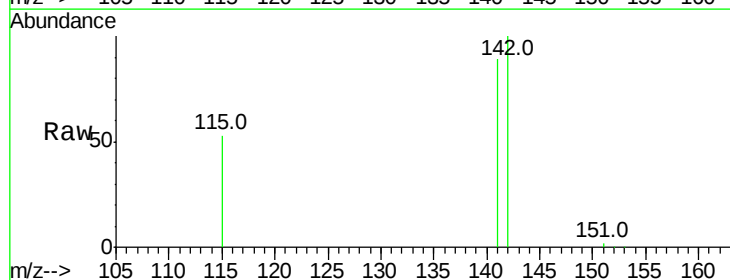
RT: 12.07 min Scan# 659

Delta R.T. -0.19 min

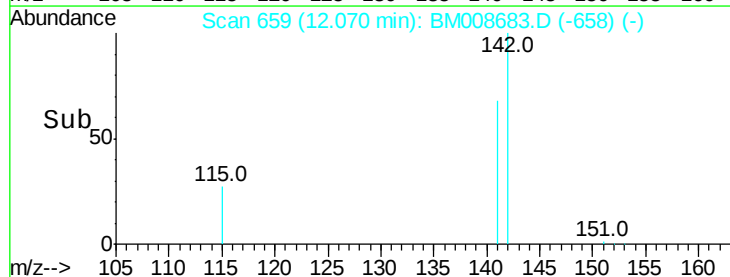
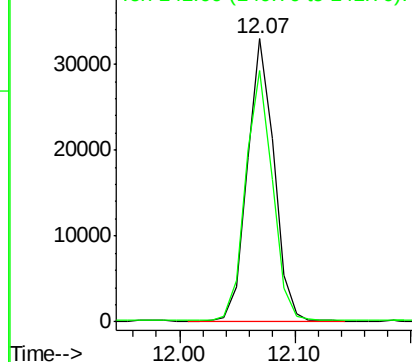
Lab File: BM008683.D

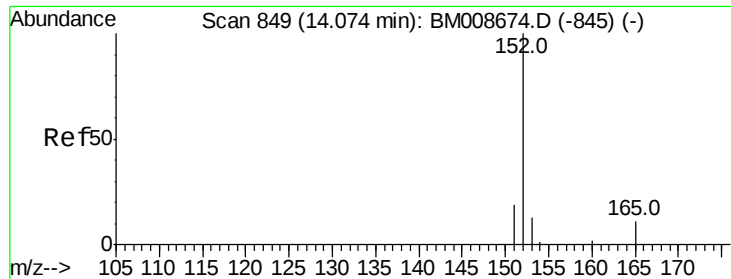
Acq: 27 Dec 2016 21:05

Tgt Ion:	142	Resp:	53401
Ion Ratio	Lower	Upper	
142	100		
141	69.1	72.6	108.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.30 ng/ul

RT: 14.00 min Scan# 844

Delta R.T. -0.08 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

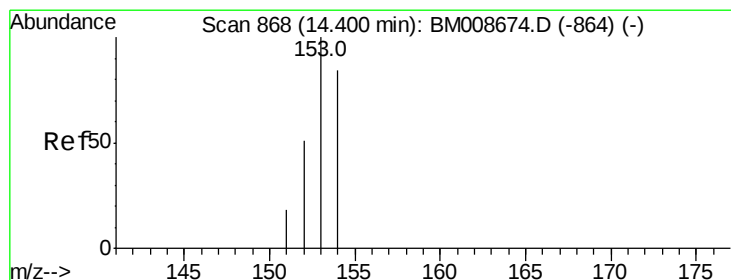
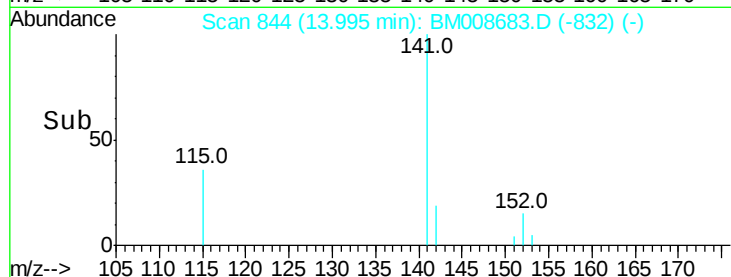
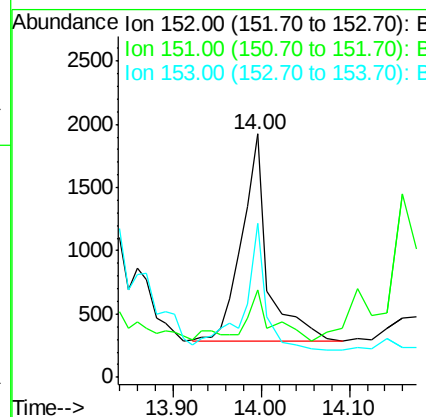
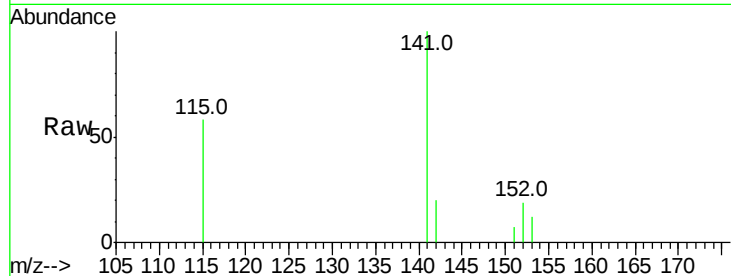
ClientSampleId :

DA864DL

Tot Ion:	152	Resp:	3769
Ion Ratio	Lower	Upper	
152	100		
151	36.1	17.1	25.7#
153	63.4	12.8	19.2#

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#8

Acenaphthene

Concen: 0.73 ng/ul

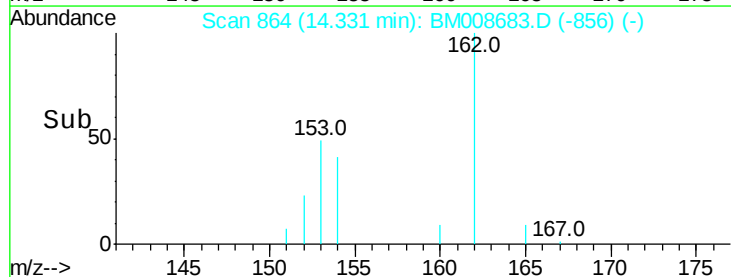
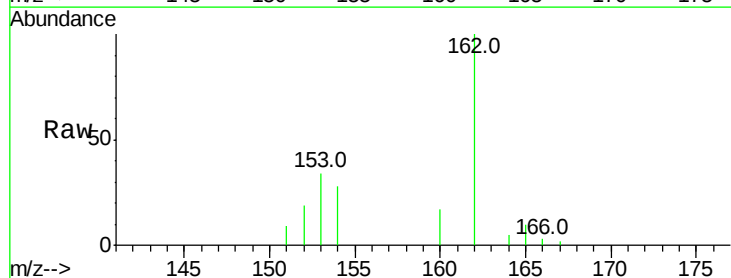
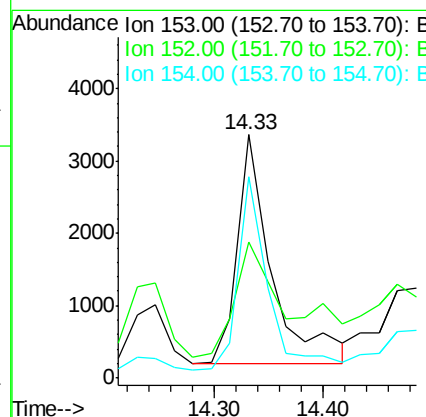
RT: 14.33 min Scan# 864

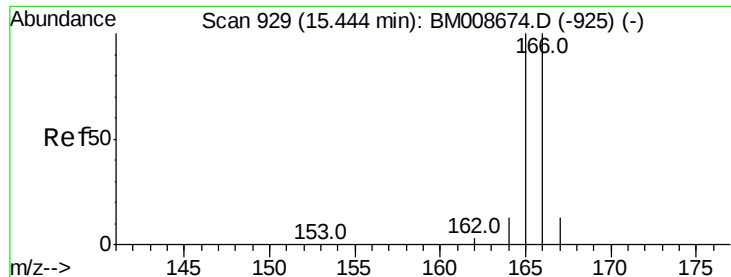
Delta R.T. -0.07 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Tgt Ion:	153	Resp:	6922
Ion Ratio	Lower	Upper	
153	100		
152	55.9	40.3	60.5
154	82.6	71.4	107.2





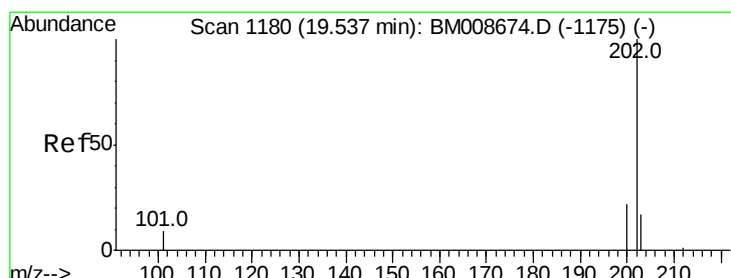
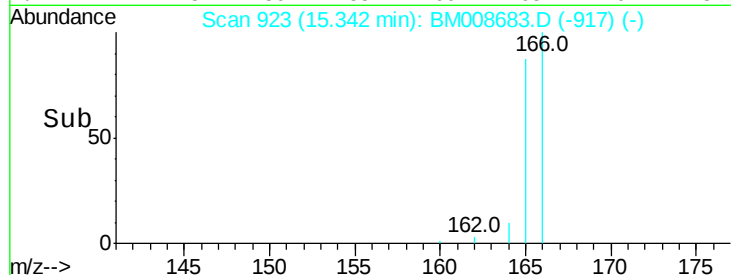
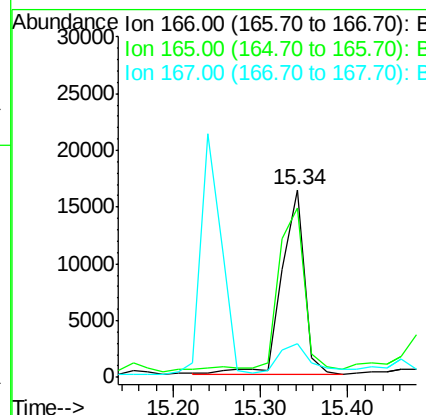
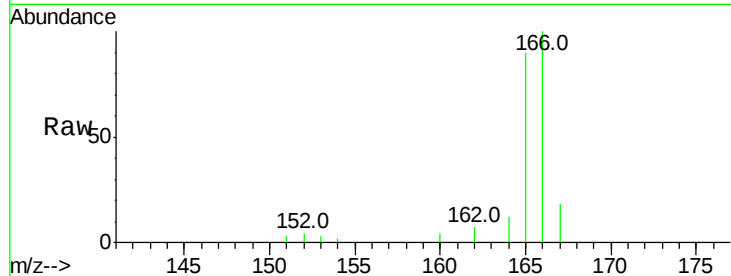
#9
Fluorene
Concen: 2.70 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.10 min
Lab File: BM008683.D
Acq: 27 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	90.0	73.4	110.2
167	17.7	14.6	22.0

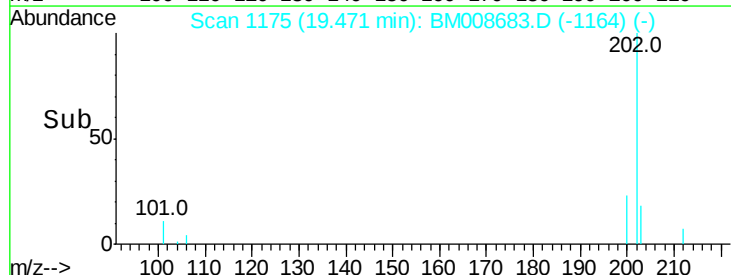
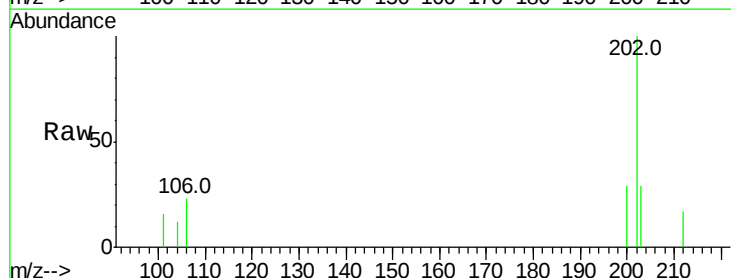
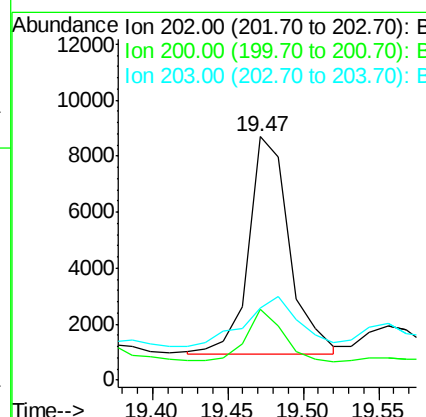
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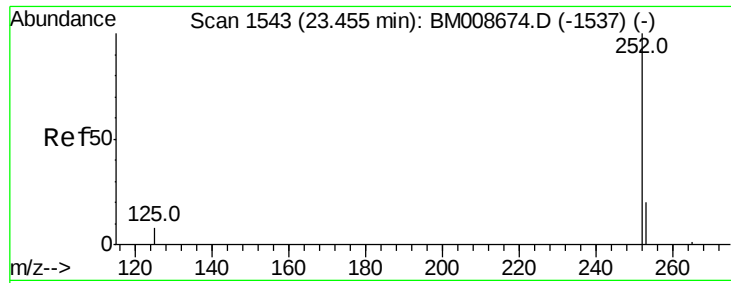
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#17
Pyrene
Concen: 1.20 ng/ul m
RT: 19.47 min Scan# 1175
Delta R.T. -0.07 min
Lab File: BM008683.D
Acq: 27 Dec 2016 21:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	29.0	18.2	27.4#
203	29.4	15.6	23.4#





#23

Benzo(a)pyrene

Concen: 0.35 ng/ul m

RT: 23.39 min Scan# 1537

Delta R.T. -0.07 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Instrument :

BNA_M

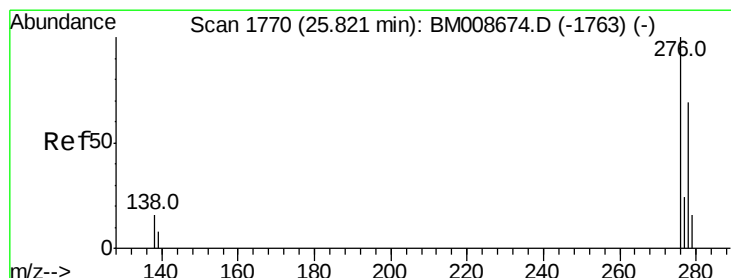
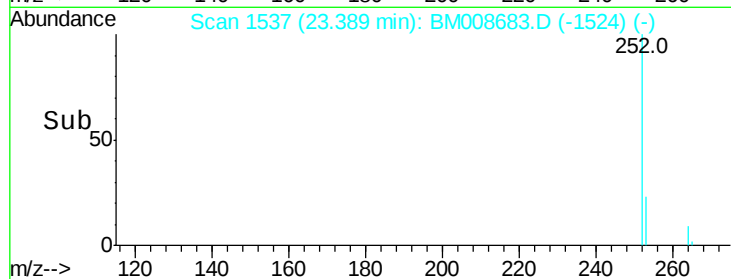
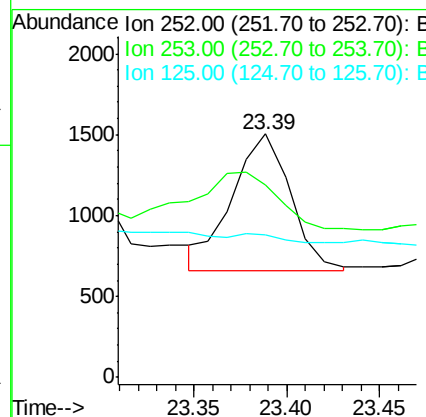
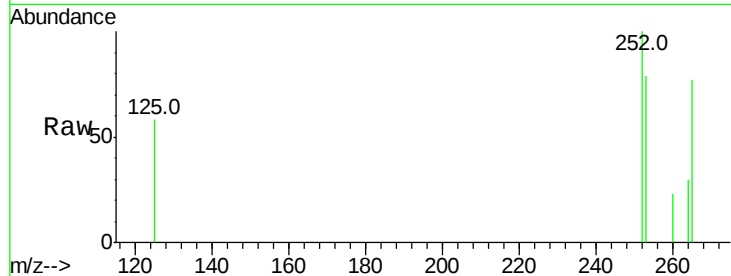
ClientSampled :

DA864DL

Tot Ion:	252	Resp:	1842
Ion Ratio	Lower	Upper	
252	100		
253	78.8	28.5	42.7#
125	58.4	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng/ul m

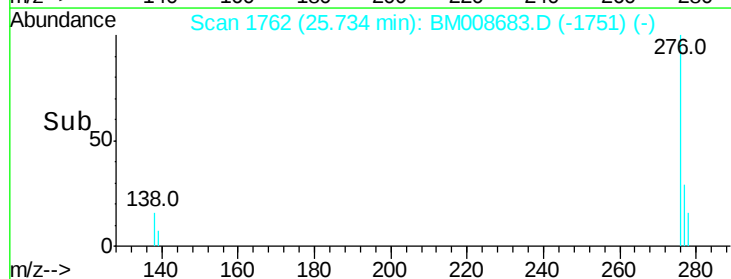
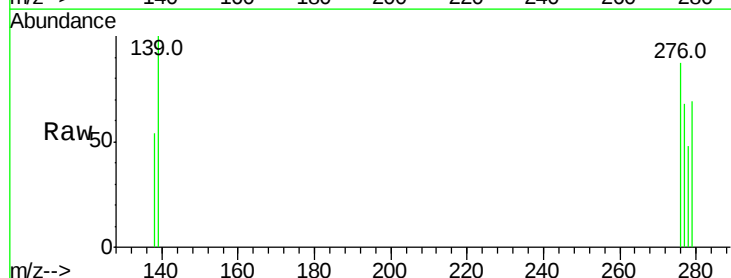
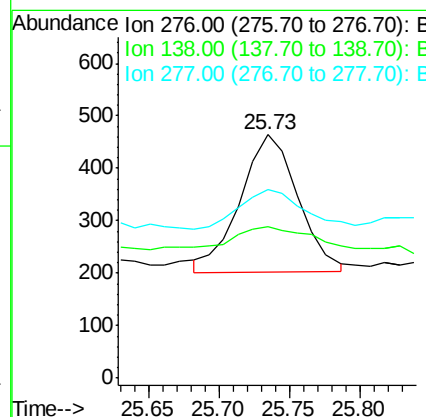
RT: 25.73 min Scan# 1762

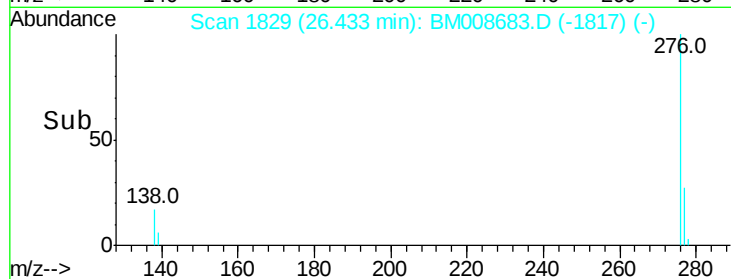
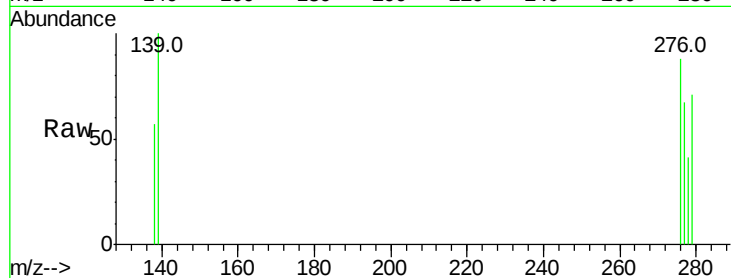
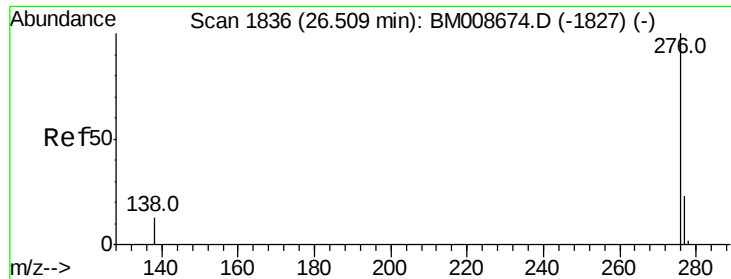
Delta R.T. -0.09 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Tgt Ion:	276	Resp:	746
Ion Ratio	Lower	Upper	
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#26

Benzo(a,h,i)perylene

Concen: 0.13 ng/ul m

RT: 26.43 min Scan# 1829

Delta R.T. -0.08 min

Lab File: BM008683.D

Acq: 27 Dec 2016 21:05

Tot Ion	Ratio	Lower	Upper
276	100		
277	76.2	21.8	32.8#
138	64.7	20.5	30.7#

Instrument :

BNA_M

ClientSampleId :

DA864DL

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