

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008663.D
 Acq On : 25 Dec 2016 10:11
 Operator : UM/SJ
 Sample : H6040-11DL 10X
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W4DL

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:29:35 PM

Quant Time: Dec 26 16:28:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	509	0.40	ng/ul	-0.12
2) Naphthalene-d8	10.42	136	1747m	0.40	ng/ul	-0.10
6) Acenaphthene-d10	14.28	164	1190m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	2071	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1645	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1716	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	44m	0.02	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	244m	0.04	ng/ul	-0.03
Target Compounds						Ovalue
3) Naphthalene	10.45	128	23250m	4.73	ng/ul	
5) 2-Methylnaphthalene	12.07	142	23114m	6.99	ng/ul	
8) Acenaphthene	14.33	153	1640	0.41	ng/ul	90
9) Fluorene	15.34	166	6939	1.50	ng/ul	96
12) Phenanthrene	17.07	178	6111	0.97	ng/ul#	95
13) Anthracene	17.18	178	1724m	0.28	ng/ul	
15) Fluoranthene	19.11	202	1567m	0.20	ng/ul	
17) Pyrene	19.47	202	2005	0.32	ng/ul#	79

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

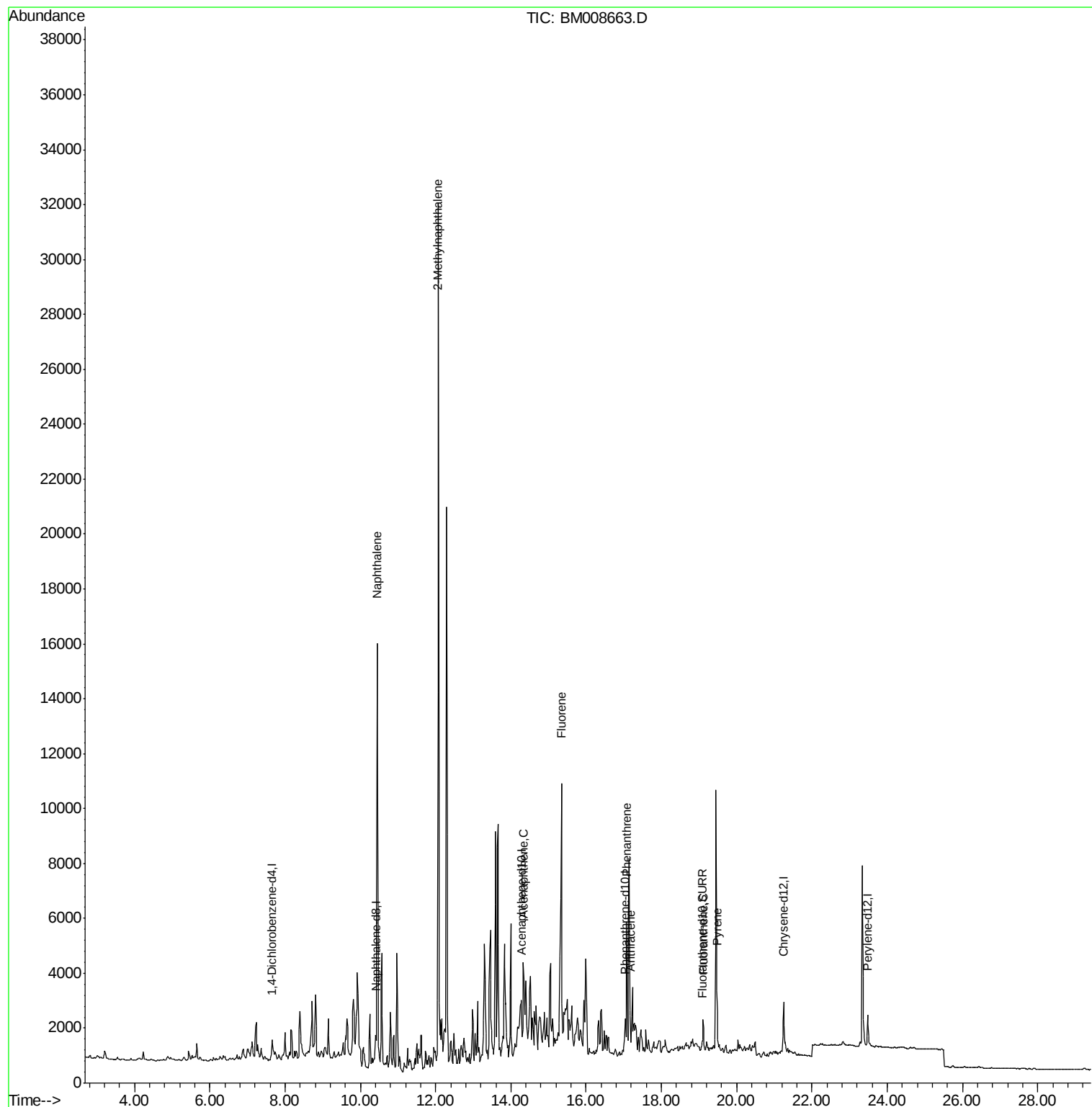
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008663.D
Acq On : 25 Dec 2016 10:11
Operator : UM/SJ
Sample : H6040-11DL 10X
Misc :
ALS Vial : 77 Sample Multiplier: 1

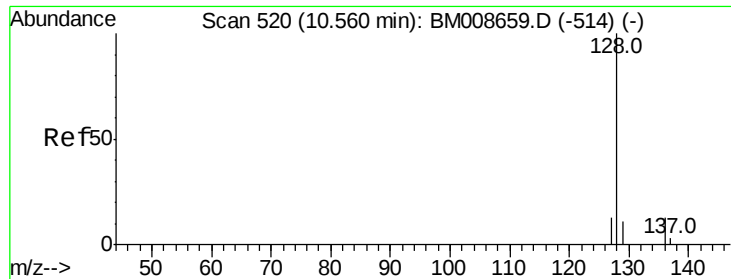
Instrument :
BNA_M
ClientSampleId :
DA8W4DL

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:35 PM

Quant Time: Dec 26 16:28:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 03:21:10 2016
Response via : Initial Calibration





#3

Naphthalene

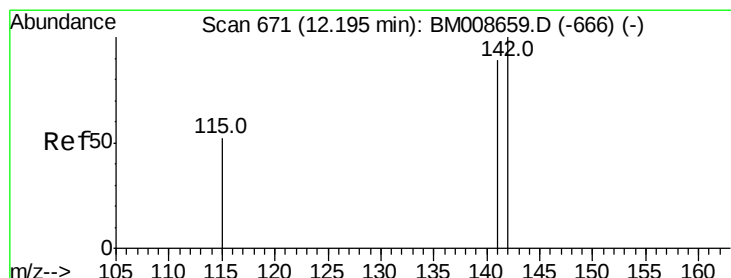
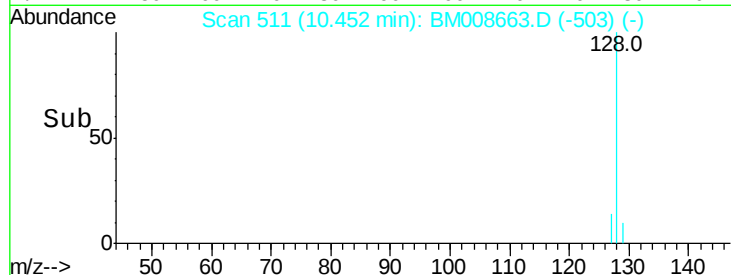
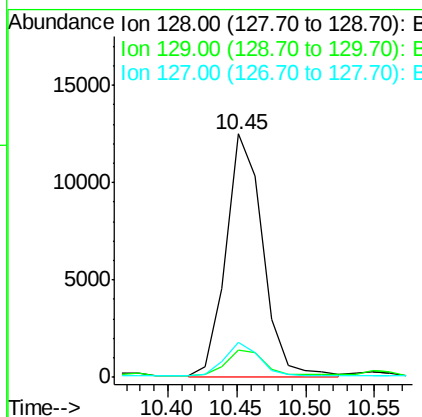
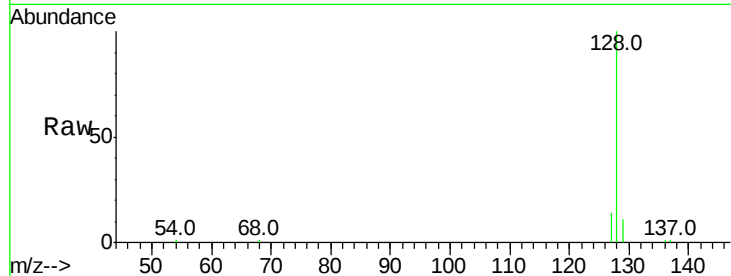
Concen: 4.73 ng/ul m
RT: 10.45 min Scan# 511
Delta R.T. -0.11 min
Lab File: BM008663.D
Acq: 25 Dec 2016 10:11

Instrument :
BNA_M
ClientSampleId :
DA8W4DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	14.2	12.8	19.2

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:35 PM

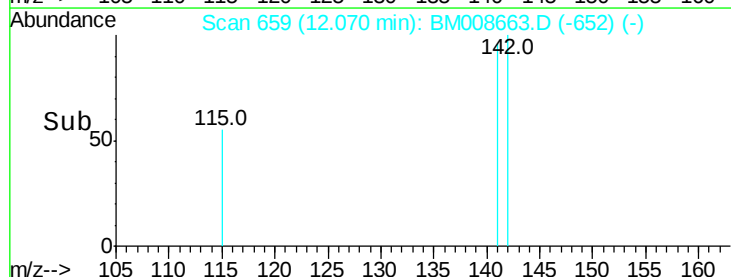
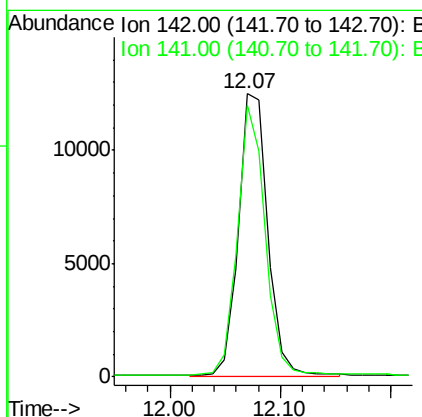
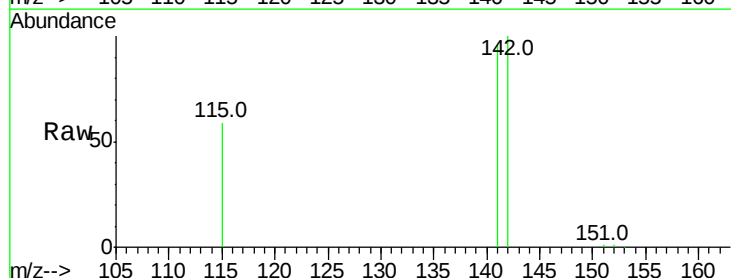


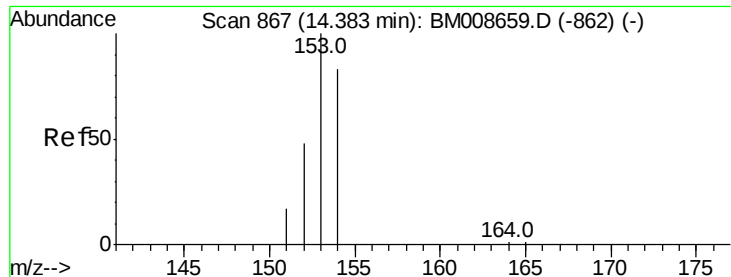
#5

2-Methylnaphthalene

Concen: 6.99 ng/ul m
RT: 12.07 min Scan# 659
Delta R.T. -0.12 min
Lab File: BM008663.D
Acq: 25 Dec 2016 10:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	72.6	108.8#





#8

Acenaphthene

Concen: 0.41 ng/ul

RT: 14.33 min Scan# 864

Delta R.T. -0.05 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Instrument :

BNA_M

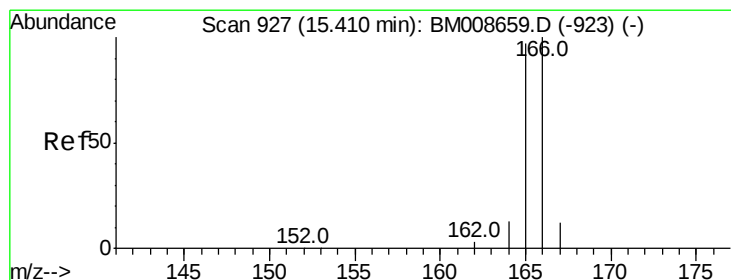
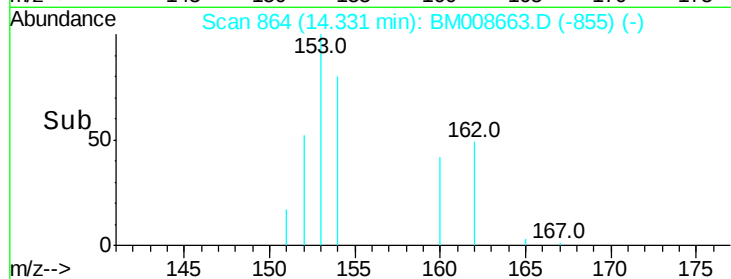
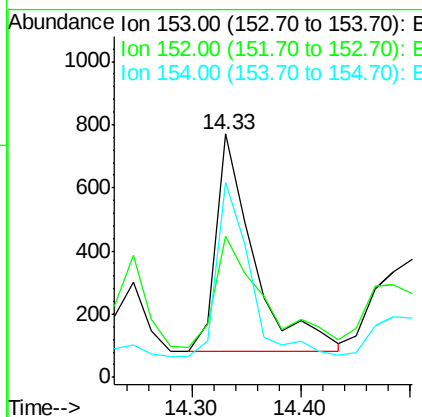
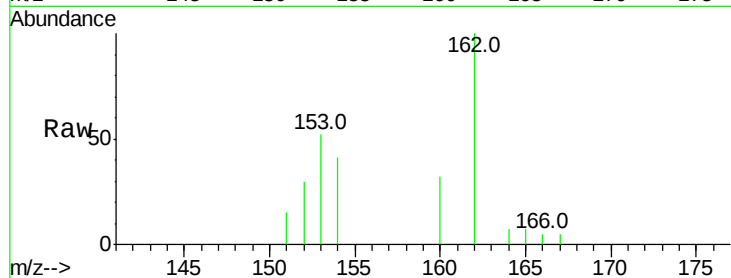
ClientSampled :

DA8W4DL

Tot Ion:	153	Resp:	1640
Ion	Ratio	Lower	Upper
153	100		
152	57.8	40.3	60.5
154	80.0	71.4	107.2

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:35 PM



#9

Fluorene

Concen: 1.50 ng/ul

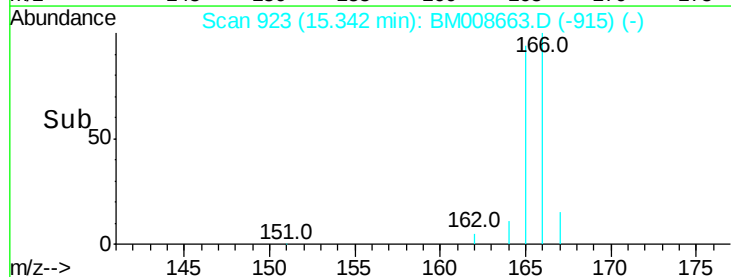
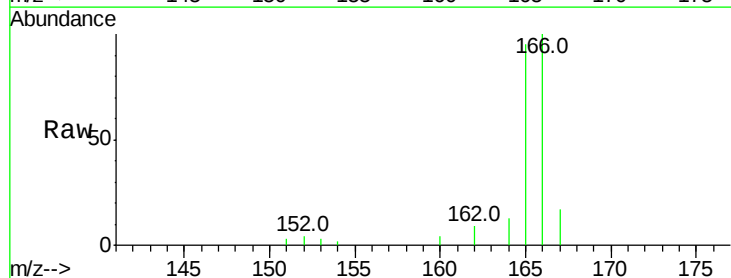
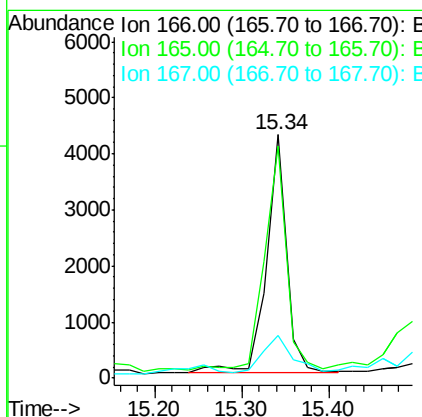
RT: 15.34 min Scan# 923

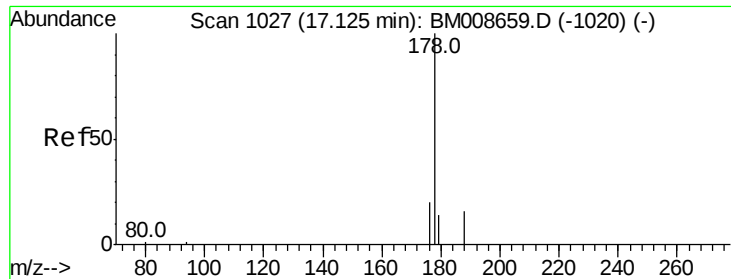
Delta R.T. -0.07 min

Lab File: BM008663.D

Acq: 25 Dec 2016 10:11

Tgt Ion:	166	Resp:	6939
Ion	Ratio	Lower	Upper
166	100		
165	95.5	73.4	110.2
167	17.4	14.6	22.0





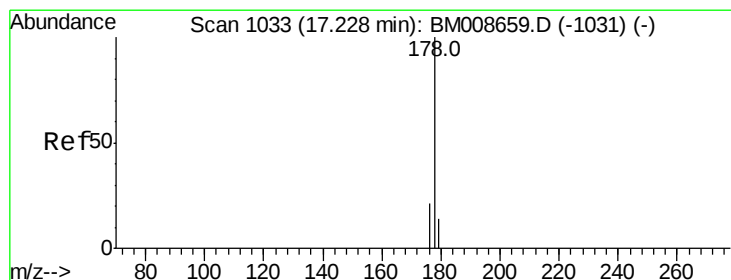
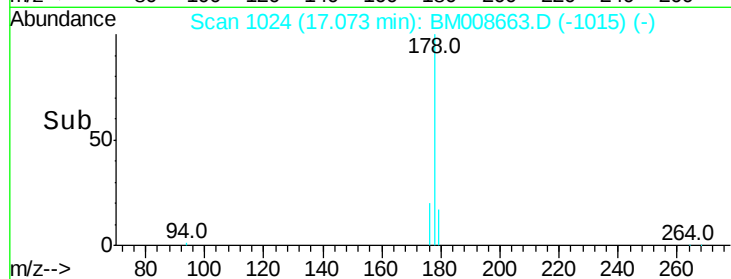
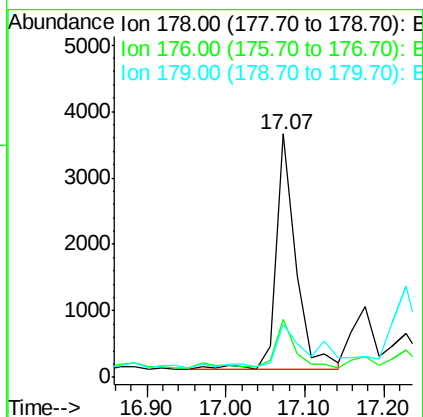
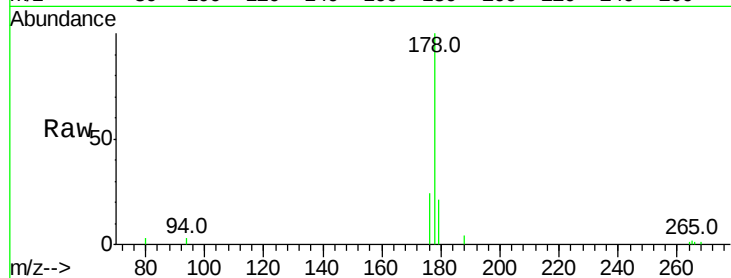
#12
Phenanthrene
Concen: 0.97 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008663.D
Acq: 25 Dec 2016 10:11

Instrument :
BNA_M
ClientSampleId :
DA8W4DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.7	18.4	27.6
179	21.5	13.6	20.4

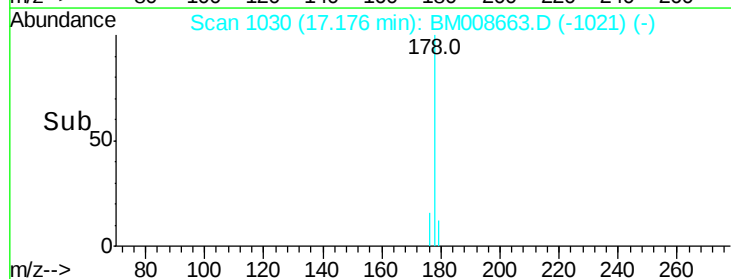
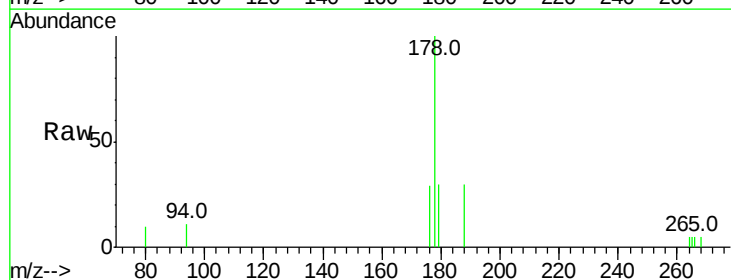
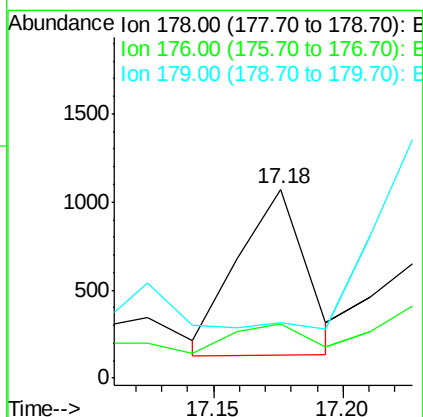
Manual Integrations
APPROVED

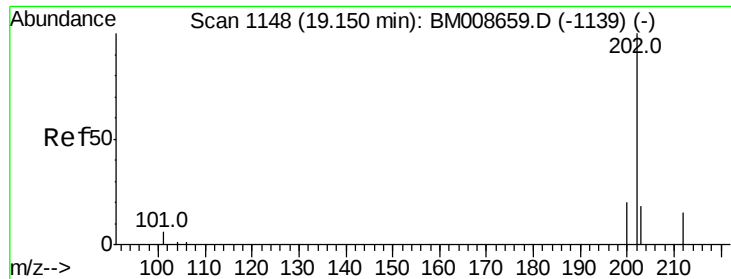
sohil
12/26/2016 6:29:35 PM



#13
Anthracene
Concen: 0.28 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BM008663.D
Acq: 25 Dec 2016 10:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	28.9	18.1	27.1
179	29.6	14.7	22.1





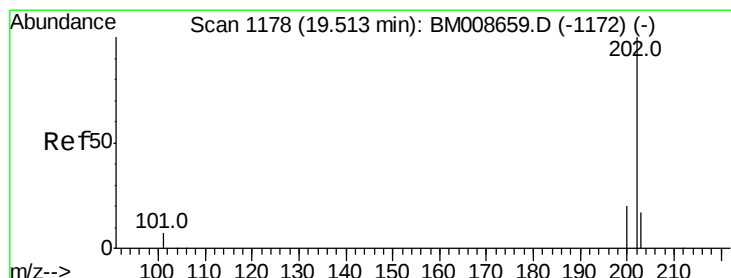
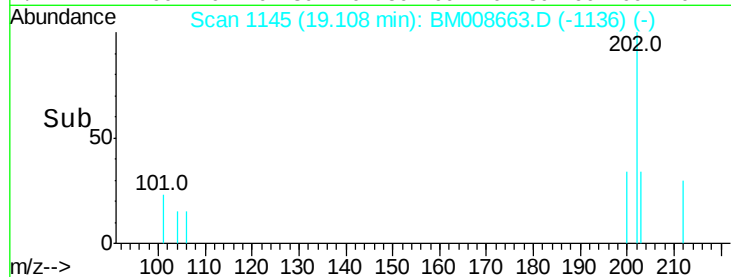
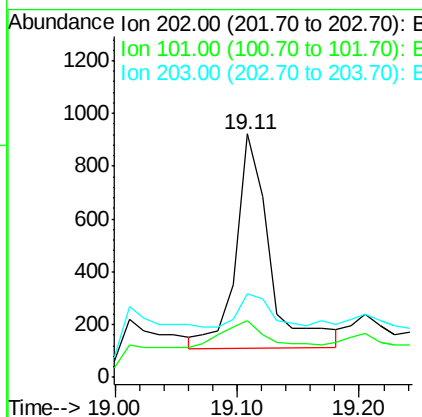
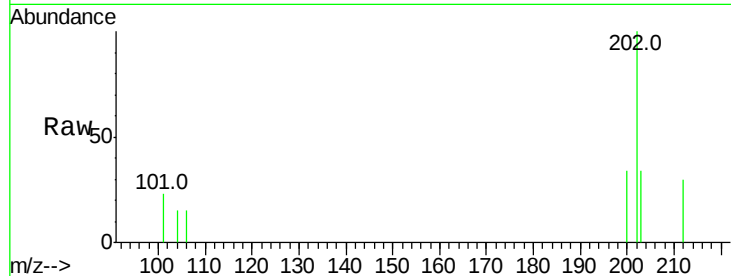
#15
 Fluoranthene
 Concen: 0.20 ng/ul m
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BM008663.D
 Acq: 25 Dec 2016 10:11

Instrument :
 BNA_M
 ClientSampleId :
 DA8W4DL

Tot Ion:	202	Resp:	1567
Ion Ratio	Lower	Upper	
202	100		
101	23.2	0.0	30.3
203	34.2	0.0	39.5

Manual Integrations
 APPROVED

sohil
 12/26/2016 6:29:35 PM



#17
 Pyrene
 Concen: 0.32 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008663.D
 Acq: 25 Dec 2016 10:11

Tgt Ion:	202	Resp:	2005
Ion Ratio	Lower	Upper	
202	100		
200	31.6	18.2	27.4#
203	30.9	15.6	23.4#

