

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008218.D
 Acq On : 09 Dec 2016 22:52
 Operator : UM/SJ
 Sample : H5863-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8

Manual Integrations
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Quant Time: Dec 12 10:03:09 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	838	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	1583	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1636	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2014	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1724	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1634	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1097	0.49	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	2783m	0.49	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	202473	45.74	ng/ul	94
5) 2-Methylnaphthalene	12.13	142	226282	79.30	ng/ul	99
7) Acenaphthylene	14.04	152	5314	0.72	ng/ul#	10
8) Acenaphthene	14.38	153	13599	2.41	ng/ul	96
9) Fluorene	15.38	166	40274	6.22	ng/ul#	83
12) Phenanthrene	17.11	178	27771	4.43	ng/ul	97
13) Anthracene	17.21	178	7032m	1.19	ng/ul	
15) Fluoranthene	19.14	202	5362m	0.66	ng/ul	
17) Pyrene	19.50	202	7961	1.33	ng/ul#	84
18) Benzo(a)anthracene	21.26	228	1614	0.31	ng/ul#	20
19) Chrysene	21.31	228	1421	0.22	ng/ul#	24

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

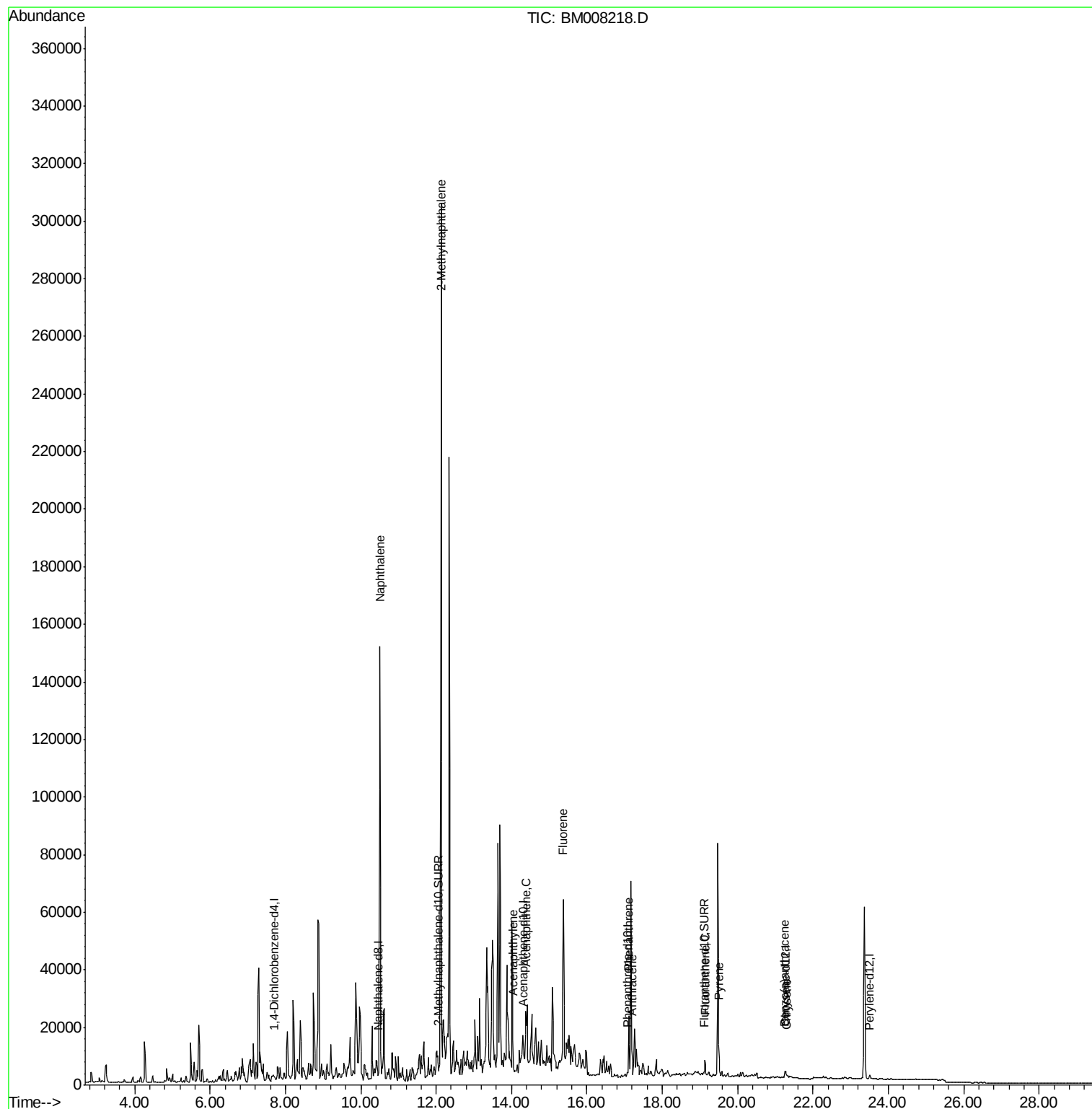
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

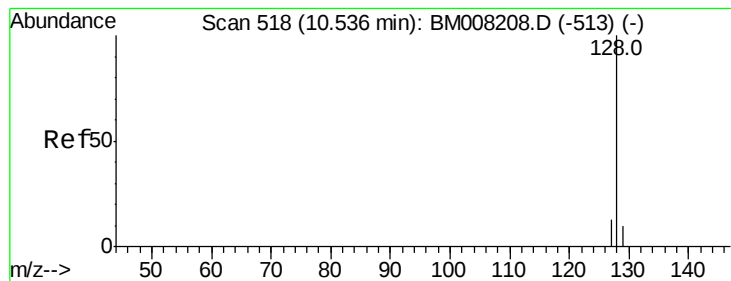
Instrument :
BNA_M
ClientSampleId :
DA7Z8

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Quant Time: Dec 12 10:03:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 45.74 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Instrument :

BNA_M

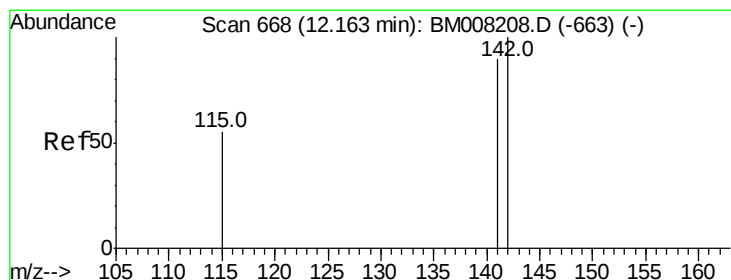
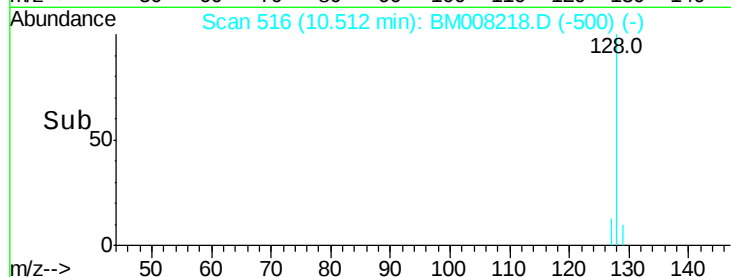
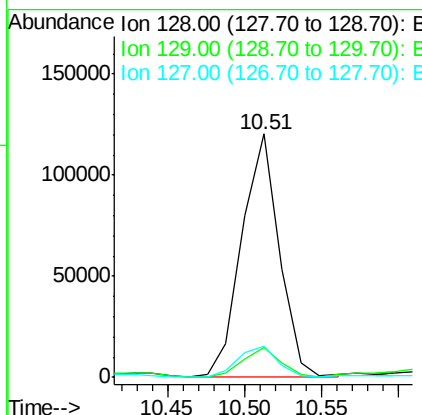
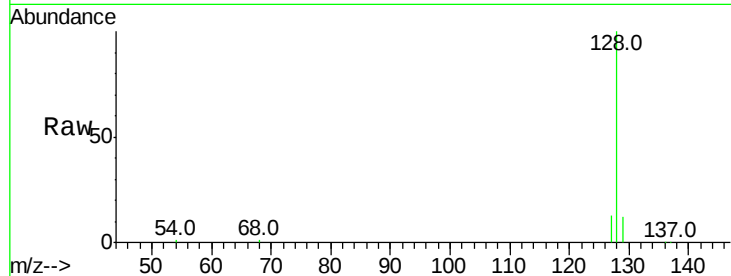
ClientSampleId :

DA7Z8

Tot Ion:	128	Resp:	202473
Ion Ratio	Lower	Upper	
128	100		
129	12.2	11.3	16.9
127	13.0	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 79.30 ng/ul

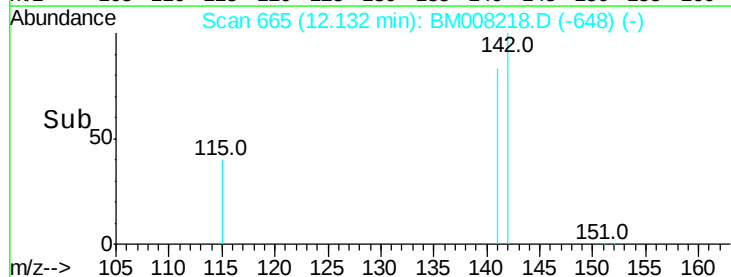
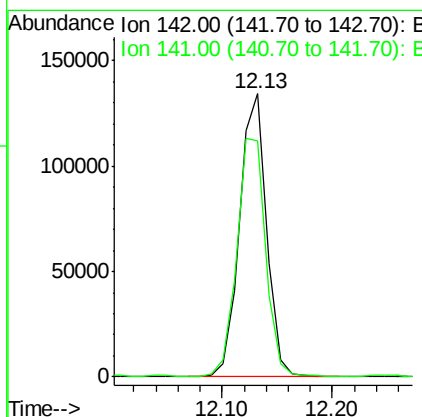
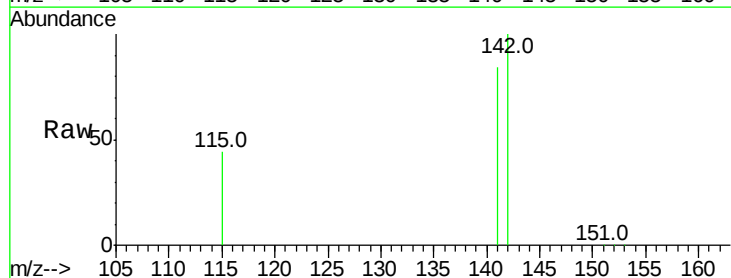
RT: 12.13 min Scan# 665

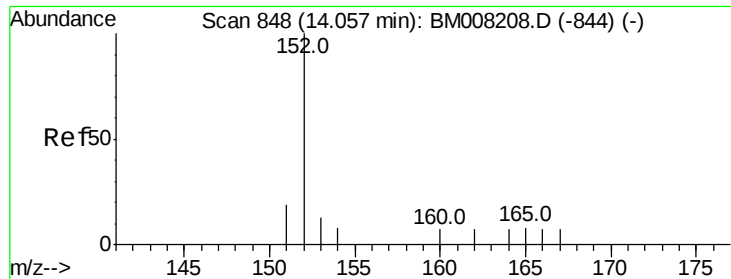
Delta R.T. -0.02 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Tgt Ion:	142	Resp:	226282
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.72 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Instrument :

BNA_M

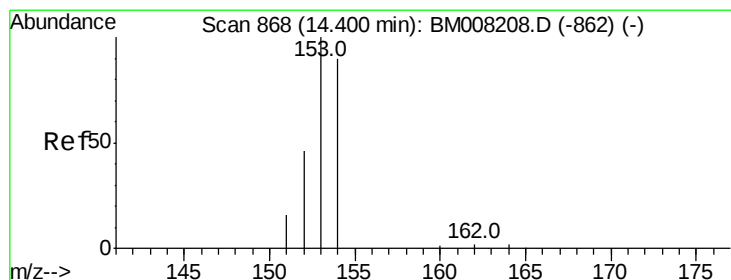
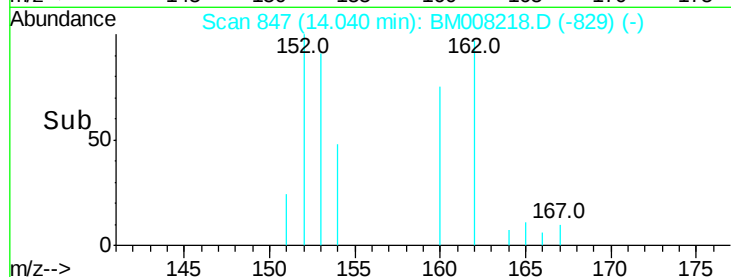
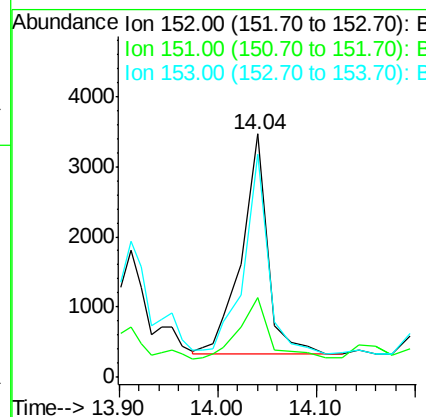
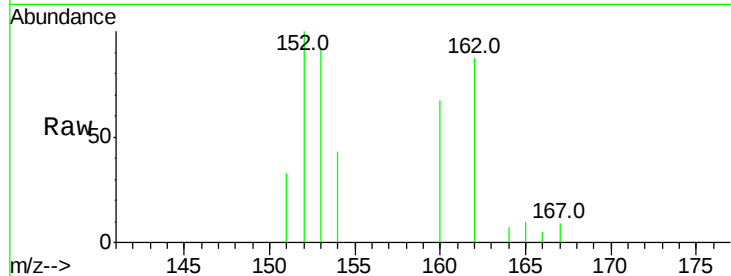
ClientSampleId :

DA7Z8

Tot Ion:	152	Resp:	5314
Ion Ratio	Lower	Upper	
152	100		
151	32.7	17.1	25.7#
153	91.8	12.8	19.2#

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#8

Acenaphthene

Concen: 2.41 ng/ul

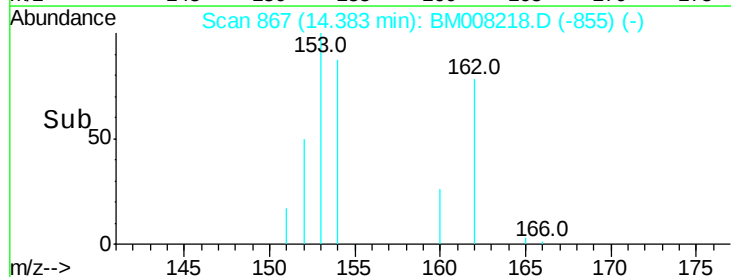
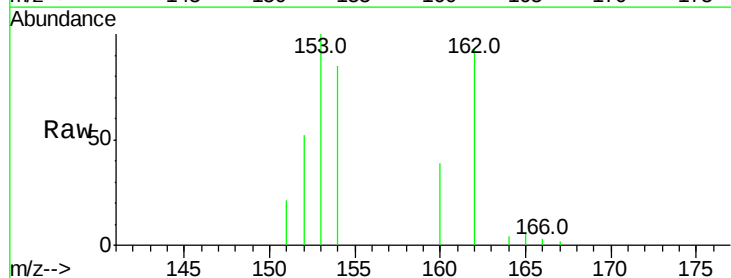
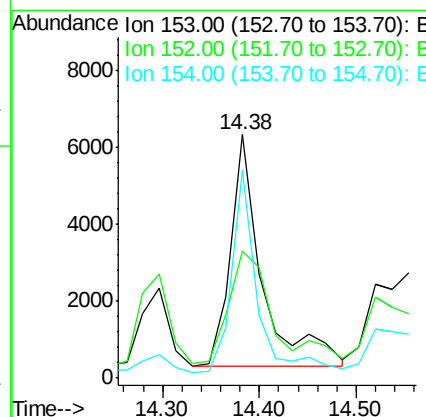
RT: 14.38 min Scan# 867

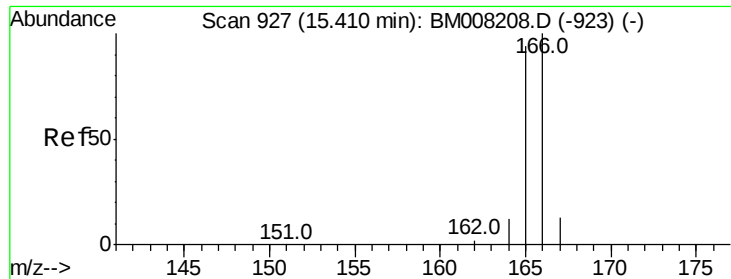
Delta R.T. -0.00 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Tgt Ion:	153	Resp:	13599
Ion Ratio	Lower	Upper	
153	100		
152	52.2	40.3	60.5
154	85.2	71.4	107.2





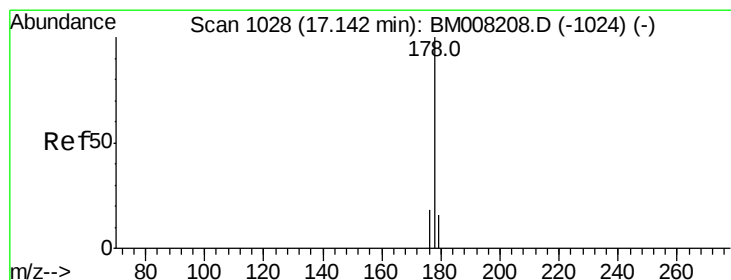
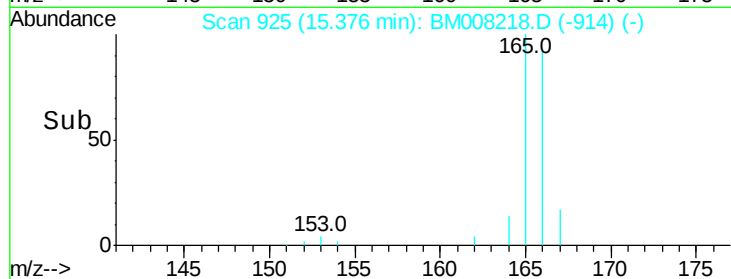
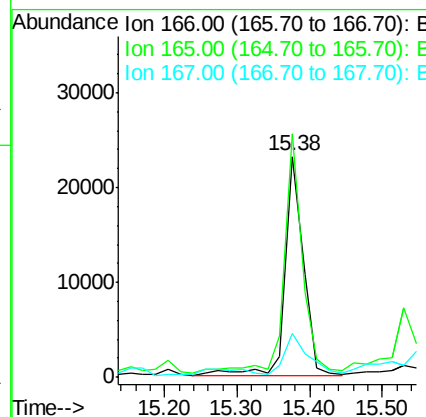
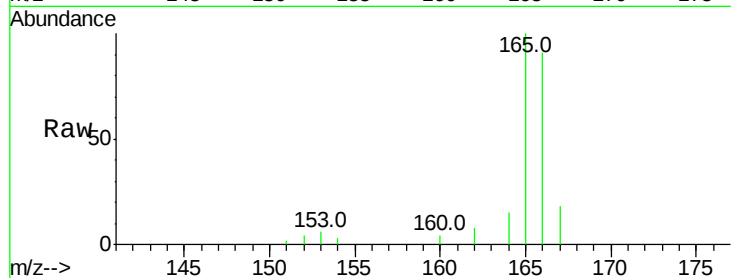
#9
Fluorene
 Concen: 6.22 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM008218.D
 Acq: 09 Dec 2016 22:52

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.3	73.4	110.2#
167	19.7	14.6	22.0

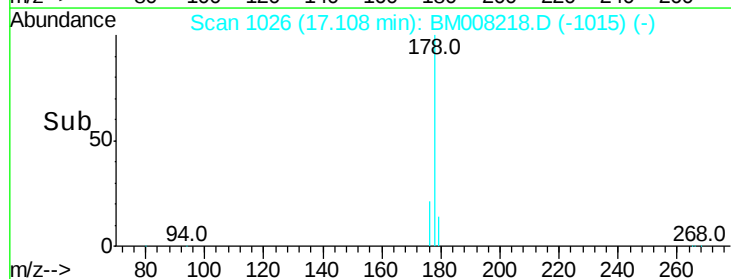
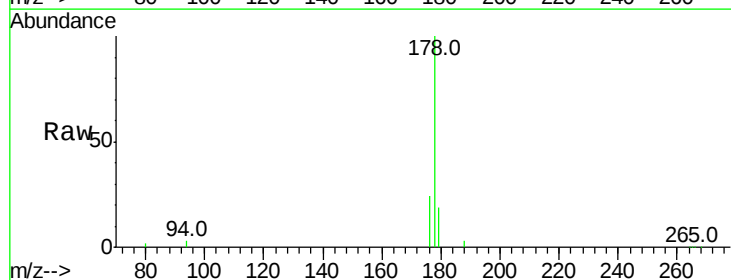
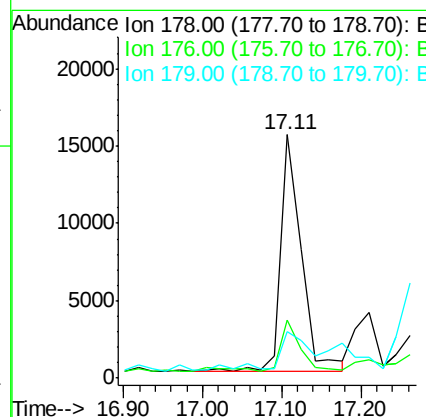
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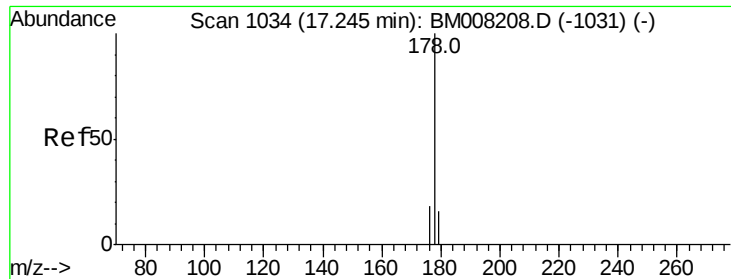
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#12
Phenanthrene
 Concen: 4.43 ng/ul
 RT: 17.11 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM008218.D
 Acq: 09 Dec 2016 22:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.4	27.6
179	19.2	13.6	20.4





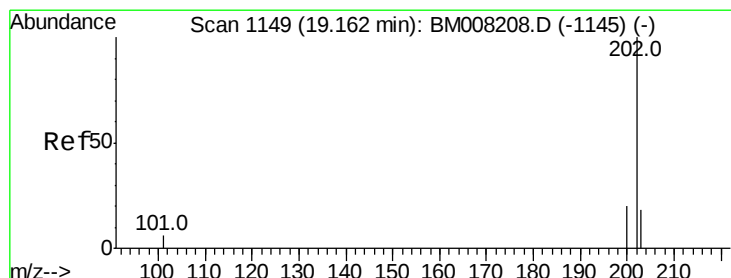
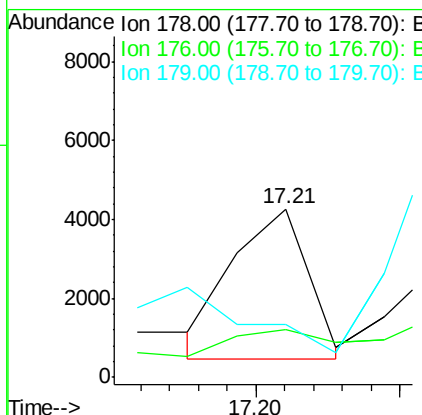
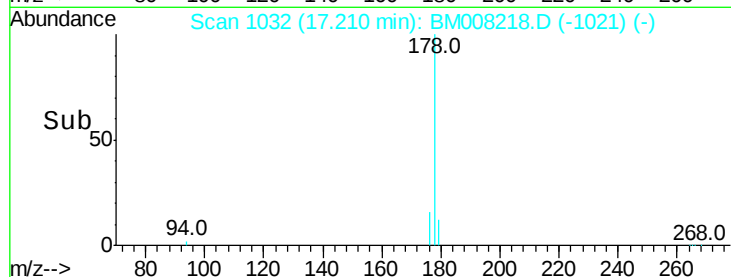
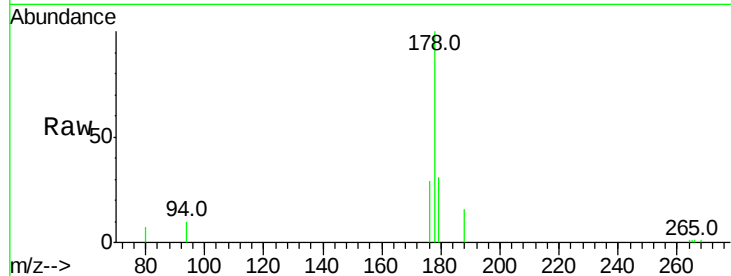
#13
 Anthracene
 Concen: 1.19 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008218.D
 Acq: 09 Dec 2016 22:52

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z8

Tot Ion:178 Resp: 7032
 Ion Ratio Lower Upper
 178 100
 176 28.6 18.1 27.1#
 179 31.4 14.7 22.1#

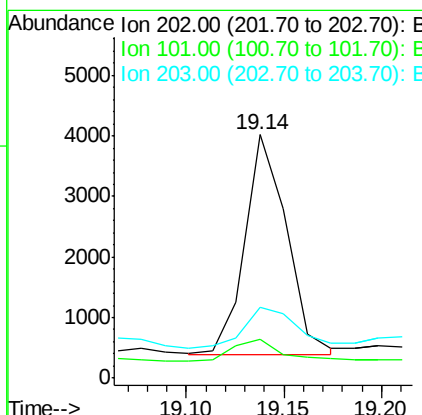
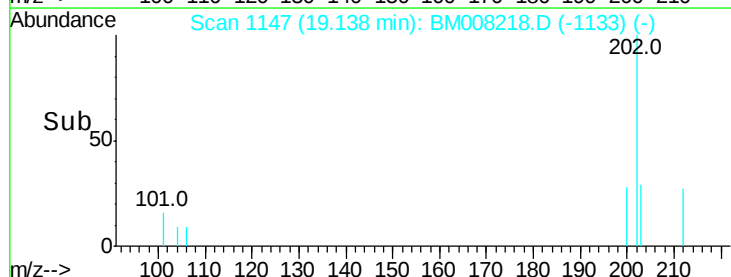
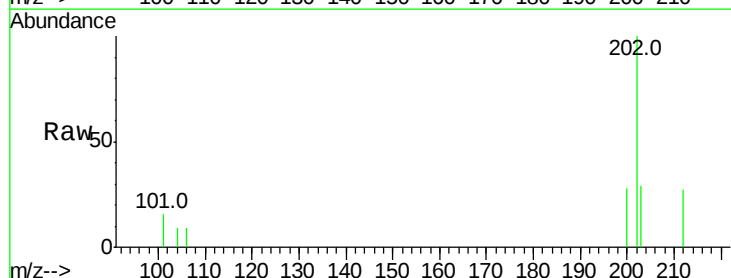
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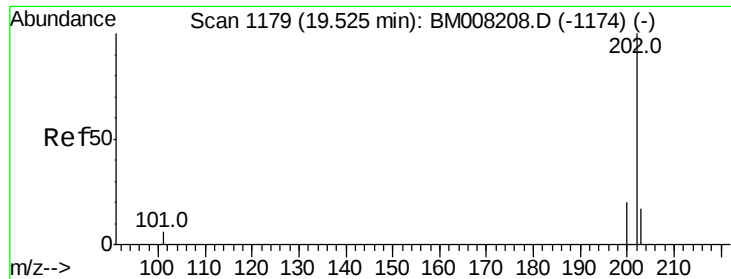
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#15
 Fluoranthene
 Concen: 0.66 ng/ul m
 RT: 19.14 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BM008218.D
 Acq: 09 Dec 2016 22:52

Tgt Ion:202 Resp: 5362
 Ion Ratio Lower Upper
 202 100
 101 15.7 0.0 30.3
 203 29.2 0.0 39.5





#17

Pvrene

Concen: 1.33 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Instrument :

BNA_M

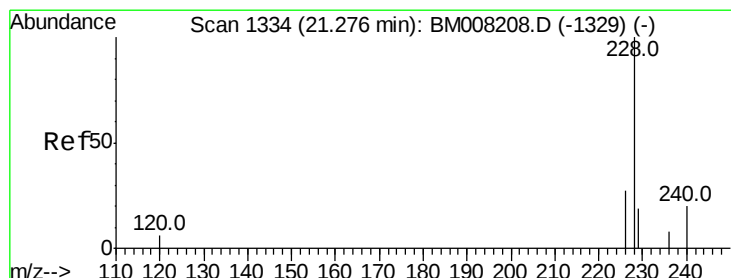
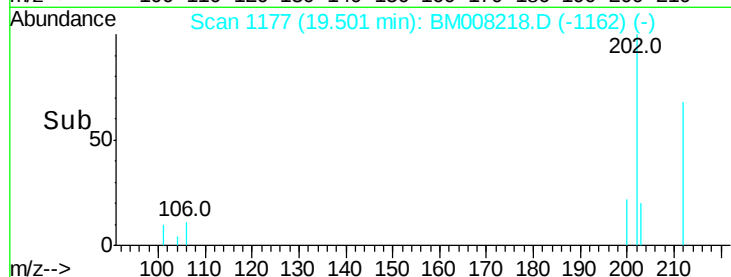
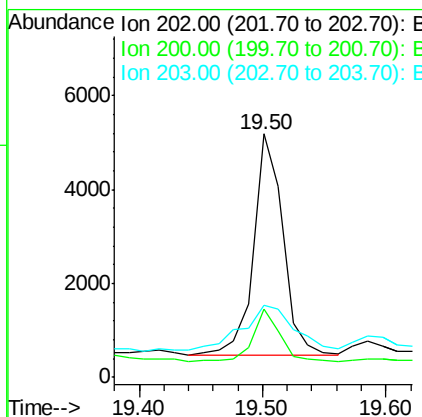
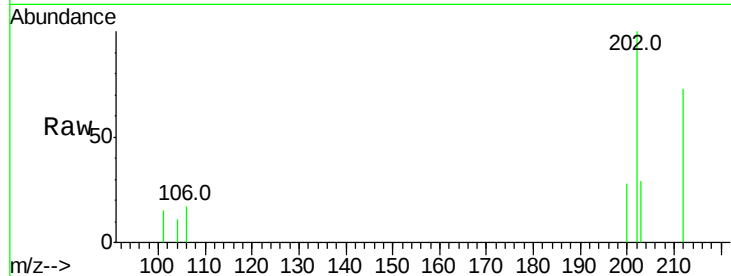
ClientSampleId :

DA7Z8

Tot Ion:	202	Resp:	7961
Ion Ratio	Lower	Upper	
202	100		
200	28.0	18.2	27.4#
203	29.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.31 ng/ul

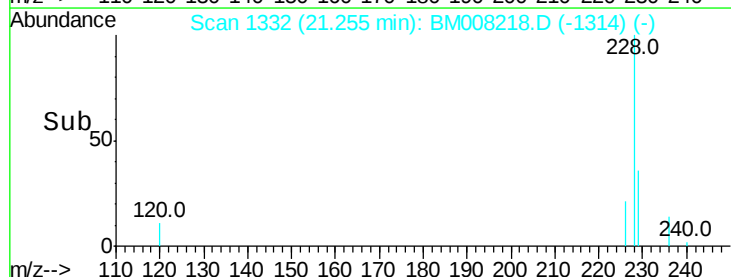
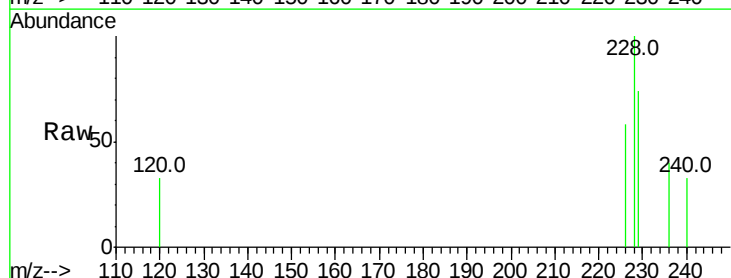
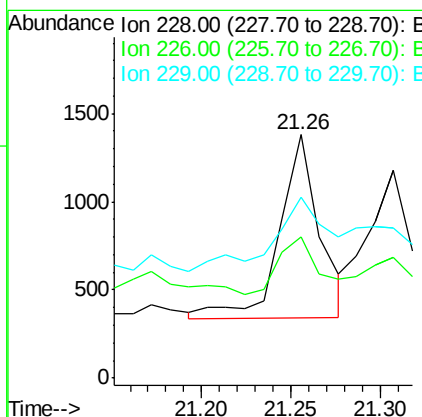
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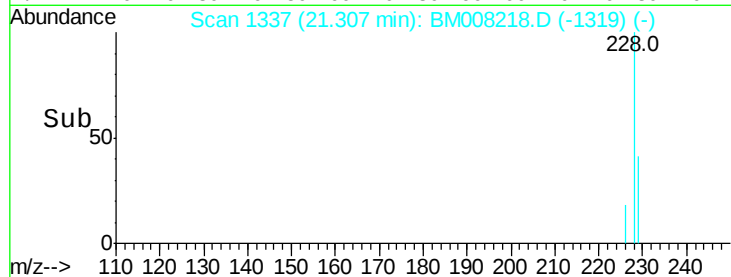
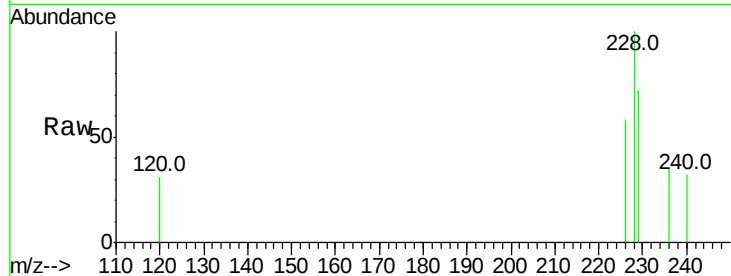
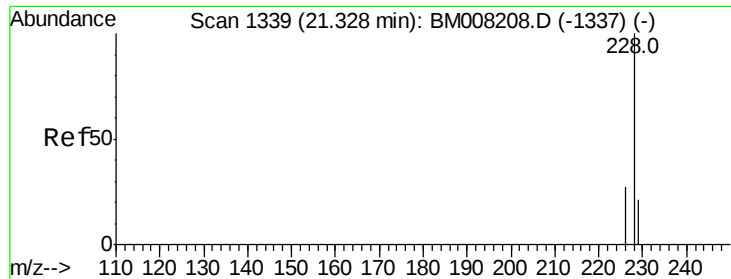
Delta R.T. -0.01 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Tgt Ion:	228	Resp:	1614
Ion Ratio	Lower	Upper	
228	100		
226	58.0	22.8	34.2#
229	74.4	17.0	25.6#





#19

Chrysene

Concen: 0.22 ng/ul

RT: 21.31 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008218.D

Acq: 09 Dec 2016 22:52

Instrument :

BNA_M

ClientSampleId :

DA7Z8

Tot Ion: 228 Resp: 1421

Ion Ratio Lower Upper

228 100

226 58.3 23.4 35.0#

229 72.1 17.7 26.5#

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