

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008530.D
 Acq On : 21 Dec 2016 23:00
 Operator : UM/SJ
 Sample : H6040-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T8

Manual Integrations
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Quant Time: Dec 22 01:31:10 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 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	407	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1290	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	768	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1633m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1357	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1309m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	267	0.13	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	1033m	0.23	ng/ul	-0.04
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	2206	0.61	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	2846	1.17	ng/ul	100
8) Acenaphthene	14.35	153	259	0.10	ng/ul#	91
9) Fluorene	15.34	166	1318	0.44	ng/ul#	79
12) Phenanthrene	17.07	178	1415m	0.28	ng/ul	
15) Fluoranthene	19.12	202	434m	0.07	ng/ul	
17) Pyrene	19.47	202	857	0.16	ng/ul#	70

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

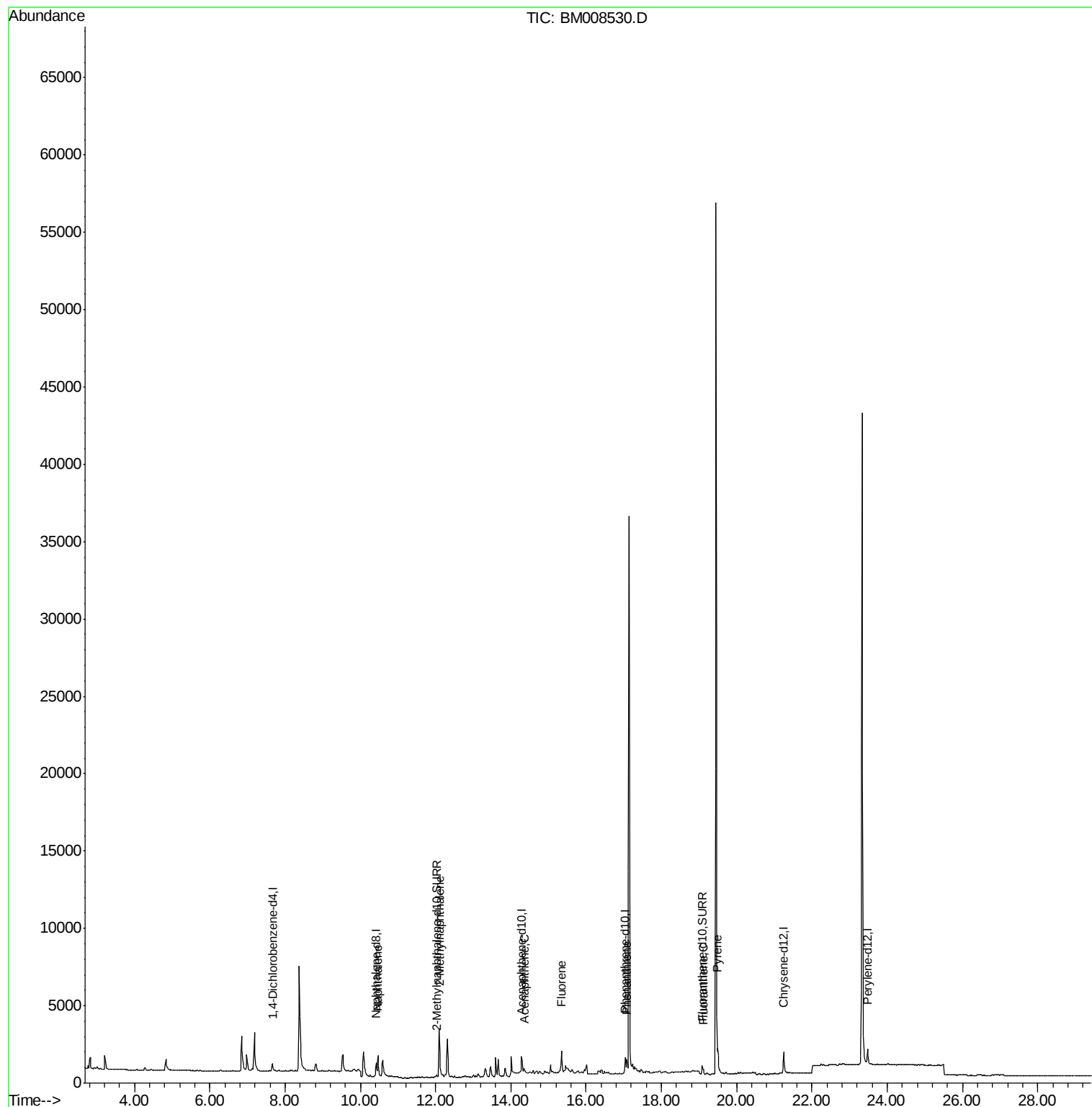
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008530.D
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Sample : H6040-03
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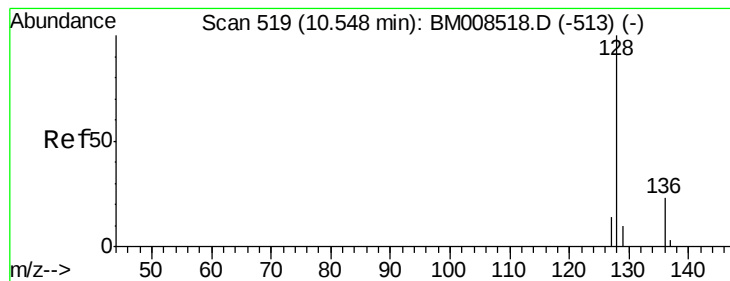
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#3

Naphthalene

Concen: 0.61 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

BNA_M

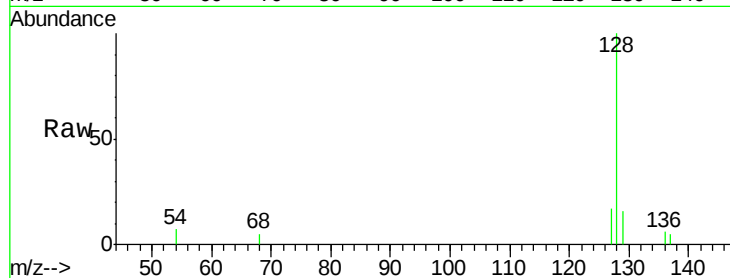
ClientSampleId :

DA8T8

Tgt Ion:	128	Resp:	2206
Ion Ratio	Lower	Upper	
128	100		
129	15.8	11.3	16.9
127	16.9	12.8	19.2

Manual Integrations
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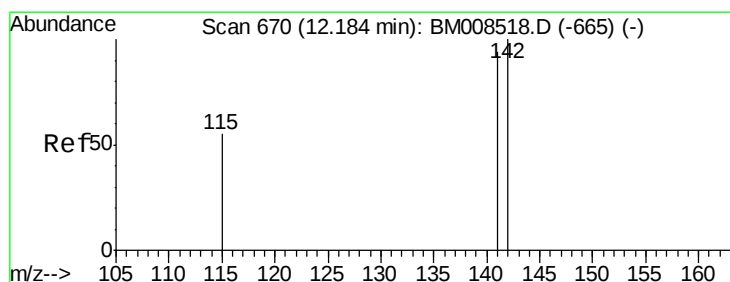
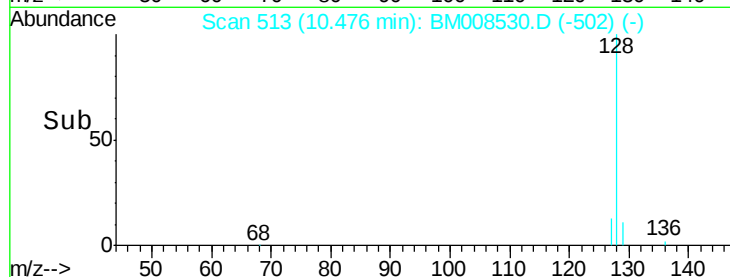
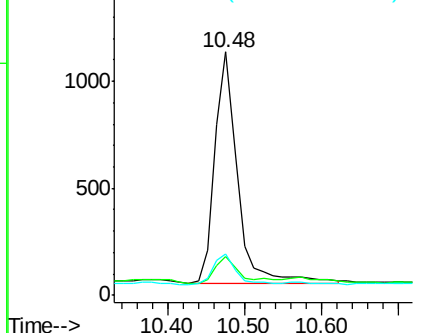
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.17 ng/ul

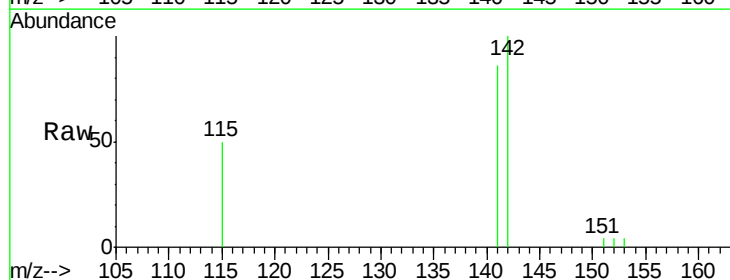
RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008530.D

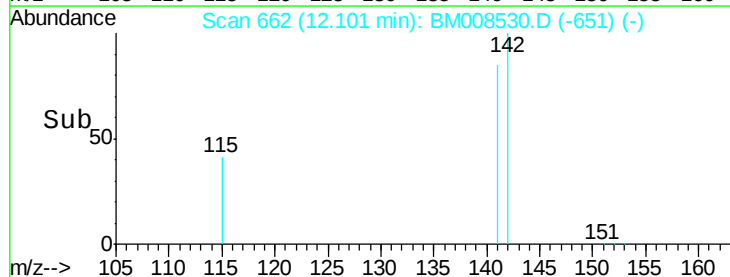
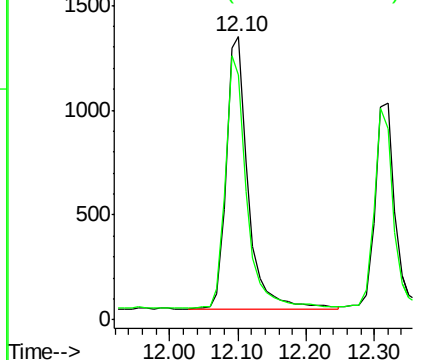
Acq: 21 Dec 2016 23:00

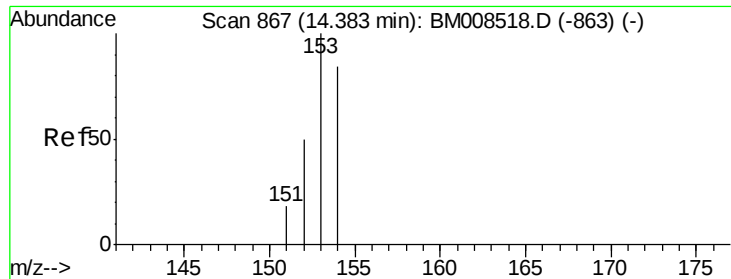
Tgt Ion:	142	Resp:	2846
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.10 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Instrument :

BNA_M

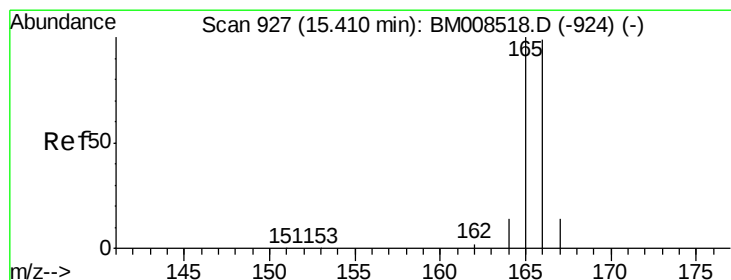
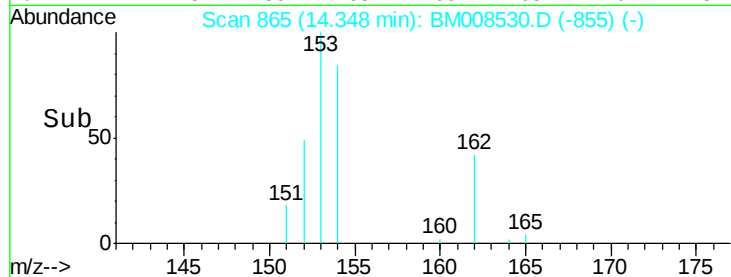
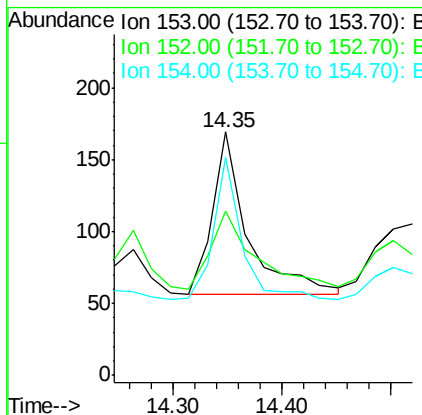
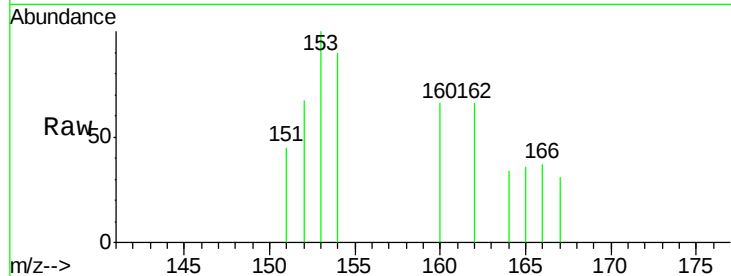
ClientSampleId :

DA8T8

Tgt Ion:153 Resp: 259
 Ion Ratio Lower Upper
 153 100
 152 67.5 40.3 60.5#
 154 89.9 71.4 107.2

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#9

Fluorene

Concen: 0.44 ng/ul

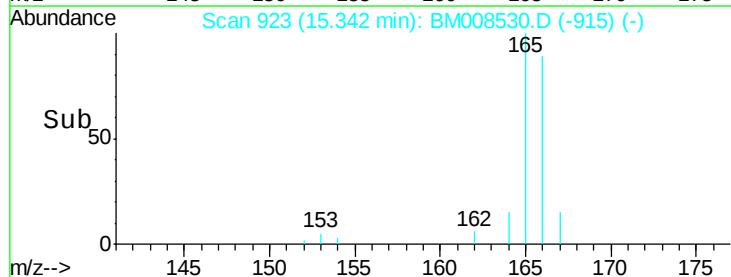
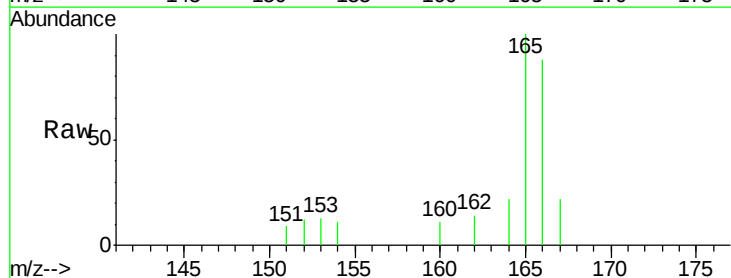
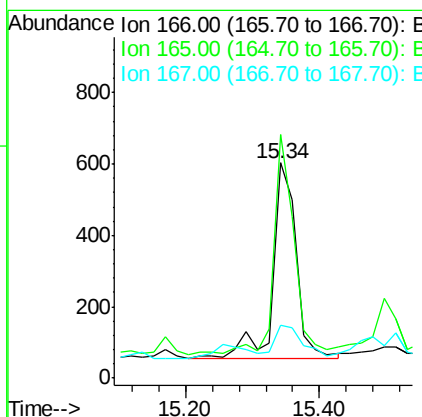
RT: 15.34 min Scan# 923

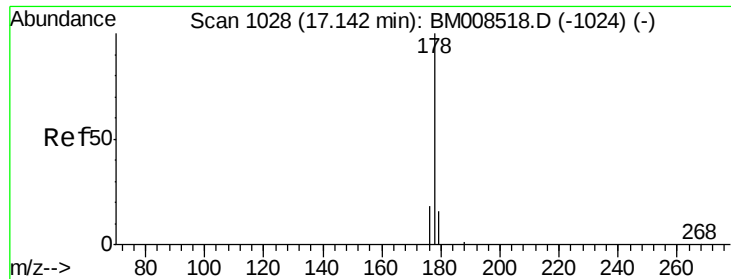
Delta R.T. -0.07 min

Lab File: BM008530.D

Acq: 21 Dec 2016 23:00

Tgt Ion:166 Resp: 1318
 Ion Ratio Lower Upper
 166 100
 165 113.1 73.4 110.2#
 167 24.9 14.6 22.0#





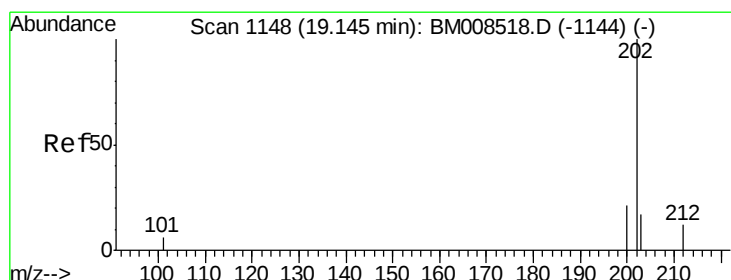
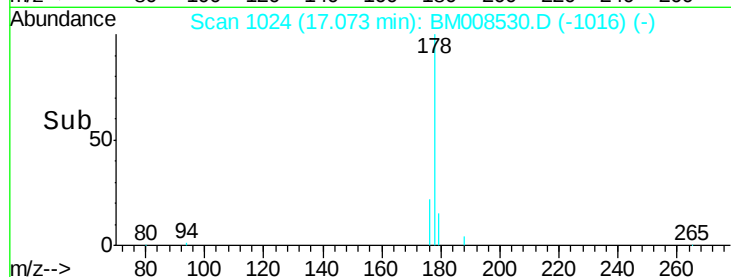
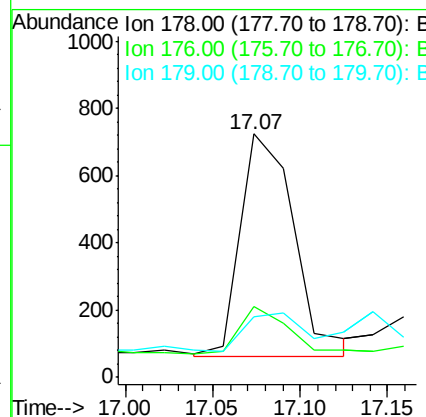
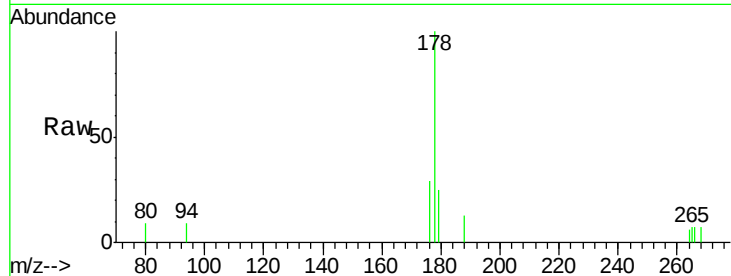
#12
Phenanthrene
Concen: 0.28 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008530.D
Acq: 21 Dec 2016 23:00

Instrument :
BNA_M
ClientSampleId :
DA8T8

Tgt Ion	Ratio	Lower	Upper
178	100		
176	29.1	18.4	27.6#
179	24.8	13.6	20.4#

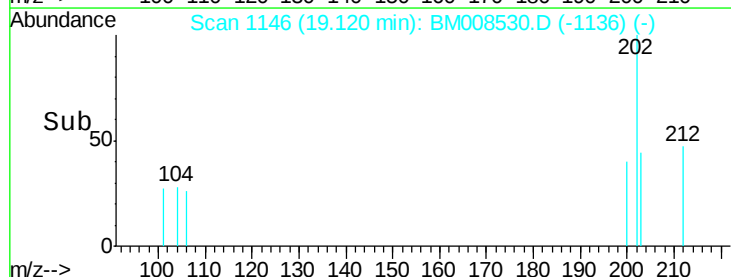
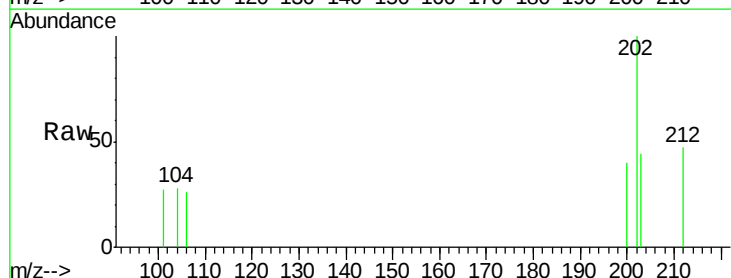
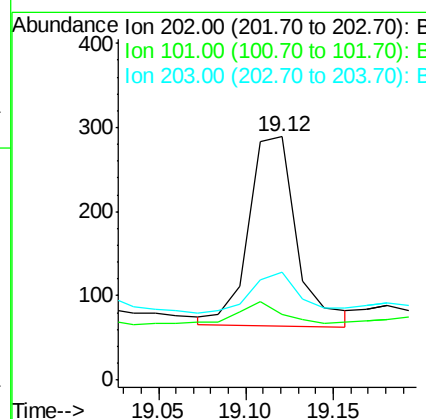
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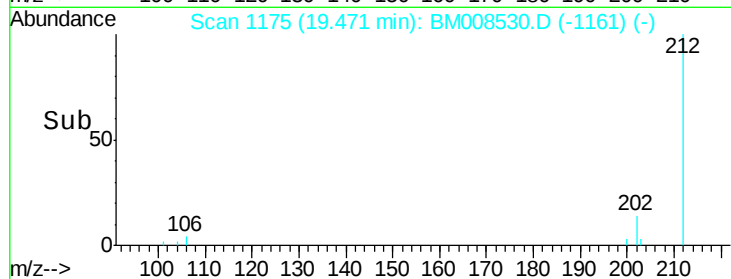
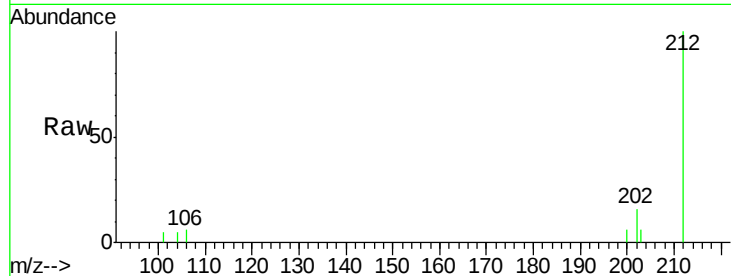
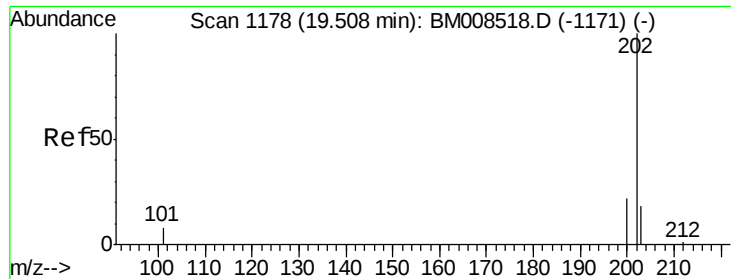
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#15
Fluoranthene
Concen: 0.07 ng/ul m
RT: 19.12 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BM008530.D
Acq: 21 Dec 2016 23:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	27.0	0.0	30.3
203	44.3	0.0	39.5#





#17
 Pyrene
 Concen: 0.16 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008530.D
 Acq: 21 Dec 2016 23:00

Instrument :
 BNA_M
 ClientSampleId :
 DA8T8

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	34.5	18.2	27.4#
203	36.7	15.6	23.4#

Manual Integrations
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