

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008236.D
 Acq On : 10 Dec 2016 17:29
 Operator : UM/SJ
 Sample : H5905-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA815

Manual Integrations
 APPROVED

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 12/12/2016 6:50:24 PM

Quant Time: Dec 12 03:49:13 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 02:45:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	2257	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1457	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2718	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1964	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1764	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	951	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1781m	0.23	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.51	128	2737	0.43	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	1844	0.45	ng/ul	97
8) Acenaphthene	14.38	153	404	0.08	ng/ul#	94
9) Fluorene	15.38	166	396	0.07	ng/ul#	75
12) Phenanthrene	17.11	178	1611	0.19	ng/ul#	91
15) Fluoranthene	19.14	202	507m	0.05	ng/ul	

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

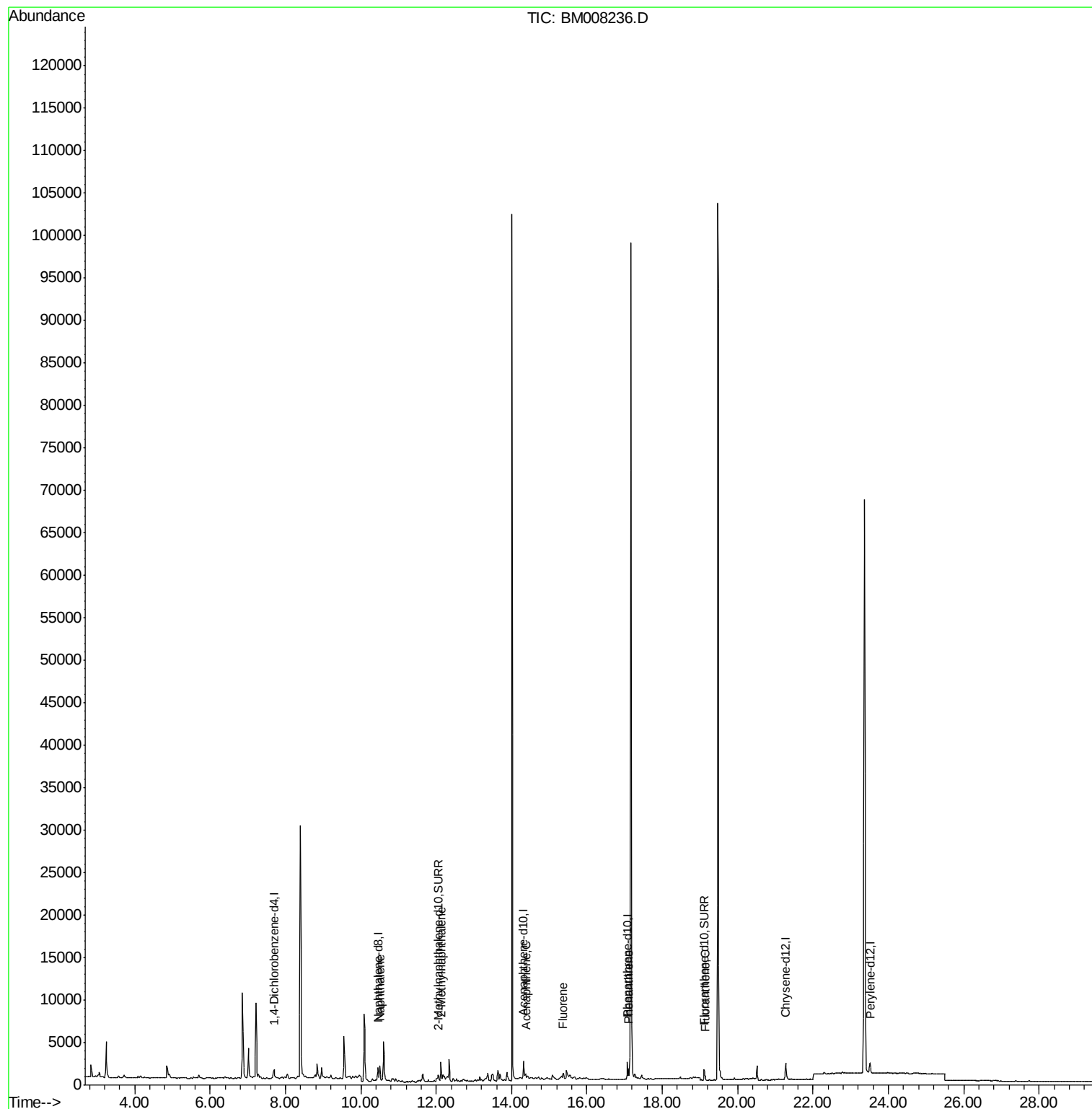
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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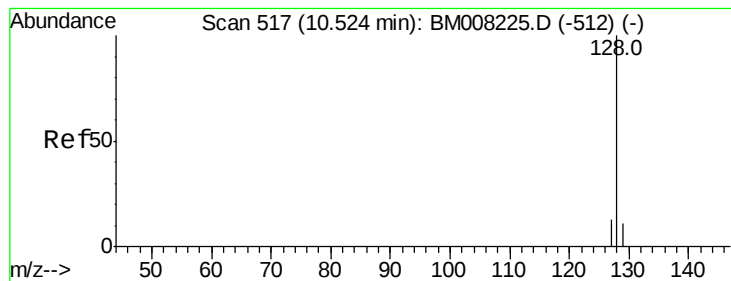
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#3

Naphthalene

Concen: 0.43 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008236.D

Acq: 10 Dec 2016 17:29

Instrument :

BNA_M

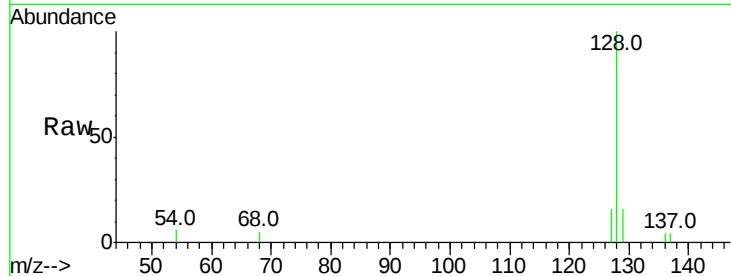
ClientSampleId :

DA815

Tot Ion:	128	Resp:	2737
Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.3	16.9
127	15.8	12.8	19.2

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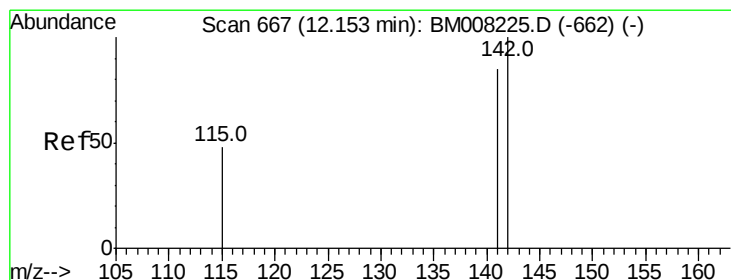
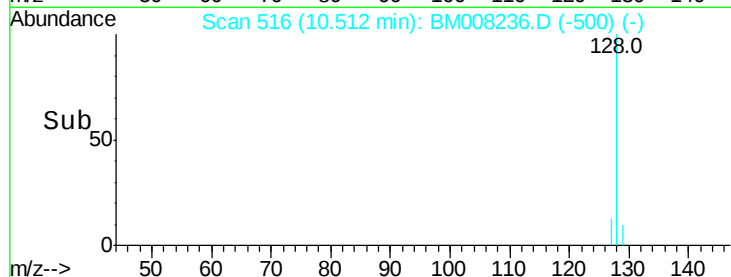
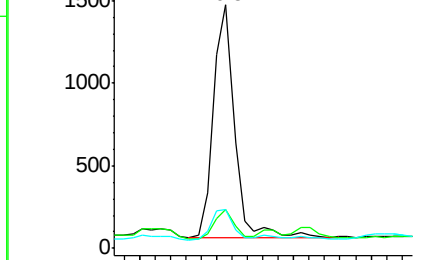
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.45 ng/ul

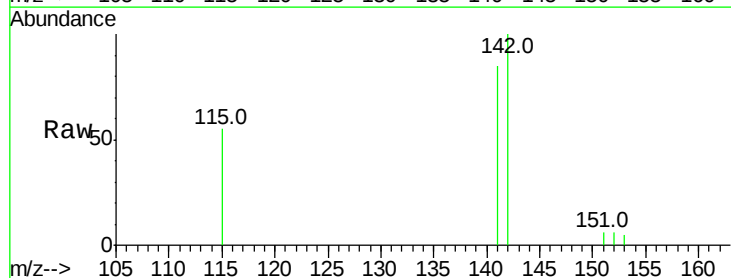
RT: 12.13 min Scan# 665

Delta R.T. -0.02 min

Lab File: BM008236.D

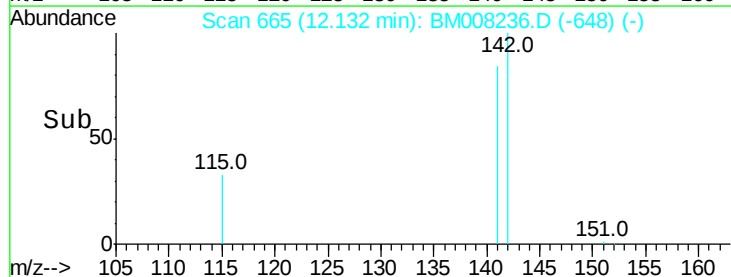
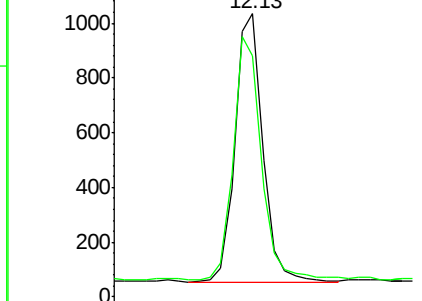
Acq: 10 Dec 2016 17:29

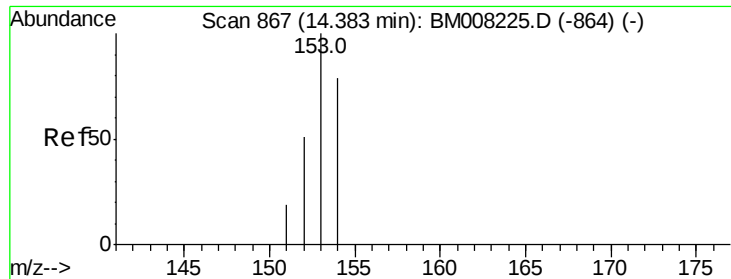
Tgt Ion:	142	Resp:	1844
Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM008236.D

Acq: 10 Dec 2016 17:29

Instrument :

BNA_M

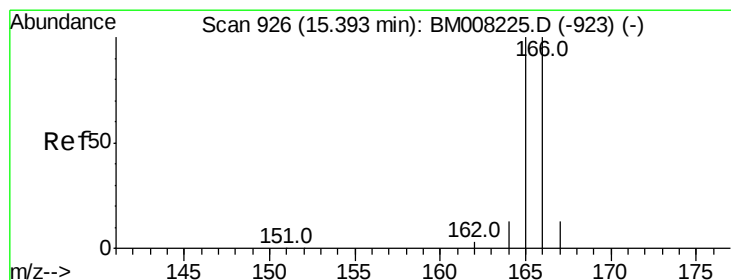
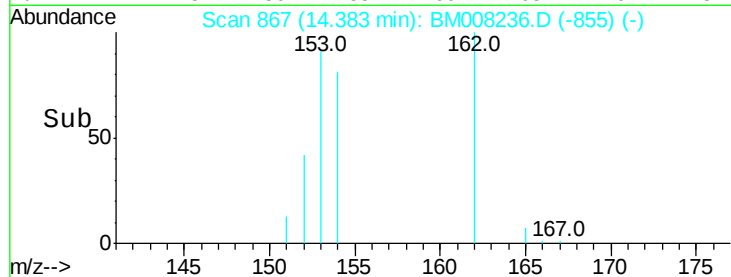
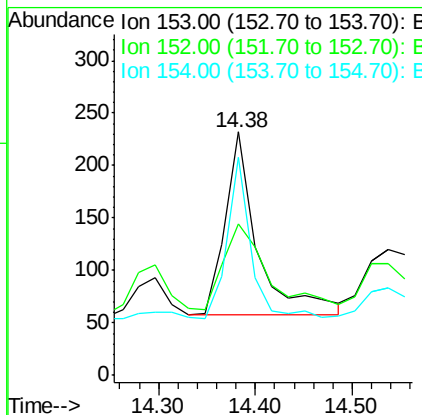
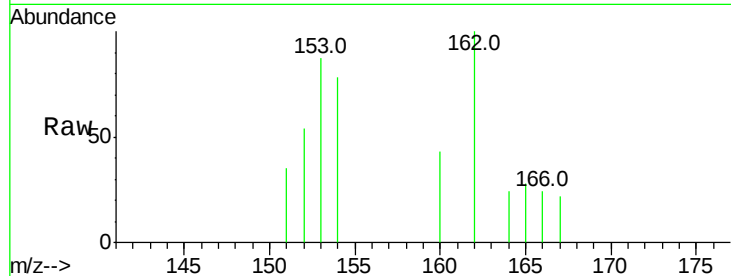
ClientSampleId :

DA815

Tot Ion:	153	Resp:	404
Ion Ratio	Lower	Upper	
153	100		
152	62.1	40.3	60.5#
154	89.7	71.4	107.2

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#9

Fluorene

Concen: 0.07 ng/ul

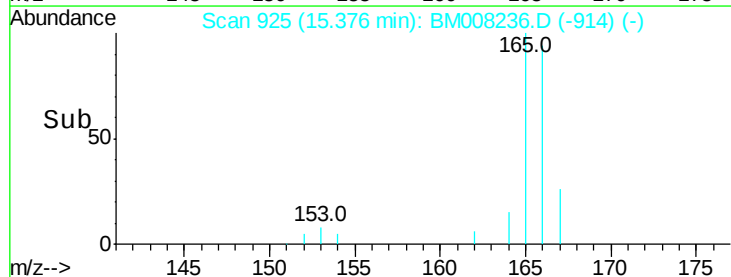
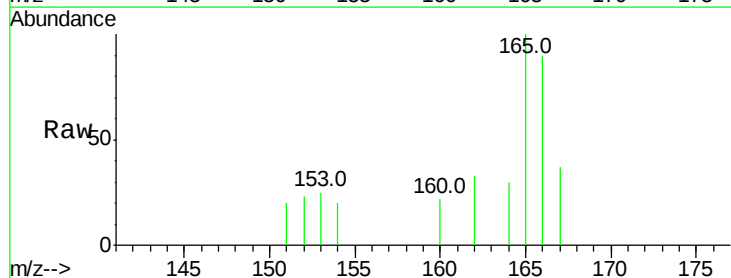
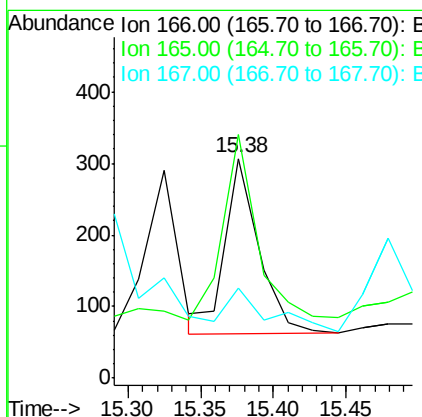
RT: 15.38 min Scan# 925

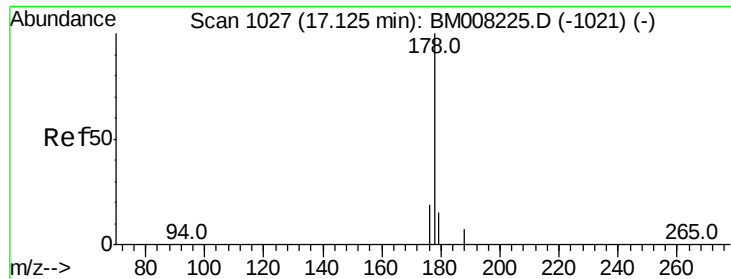
Delta R.T. -0.02 min

Lab File: BM008236.D

Acq: 10 Dec 2016 17:29

Tgt Ion:	166	Resp:	396
Ion Ratio	Lower	Upper	
166	100		
165	110.7	73.4	110.2#
167	40.7	14.6	22.0#





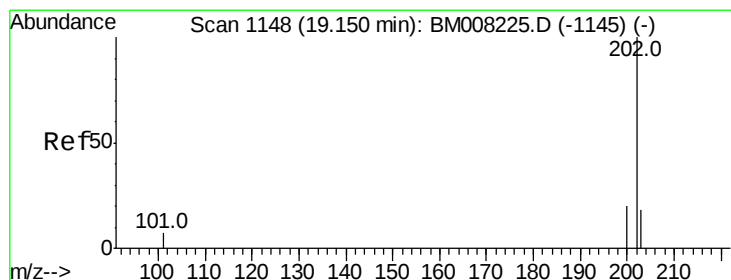
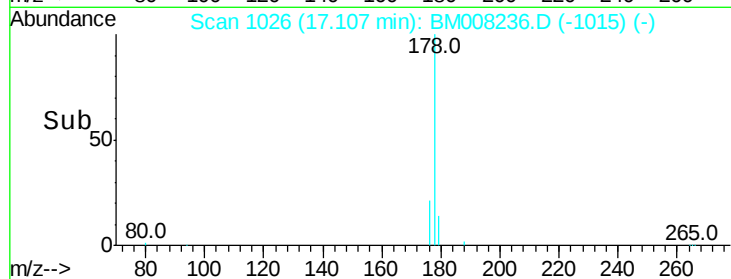
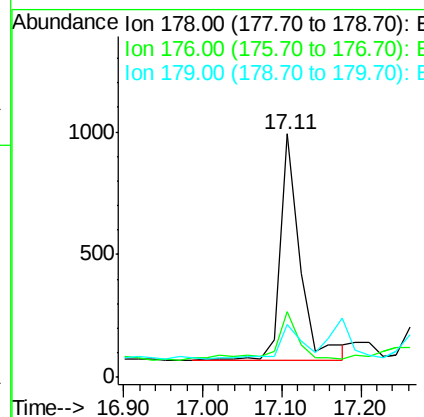
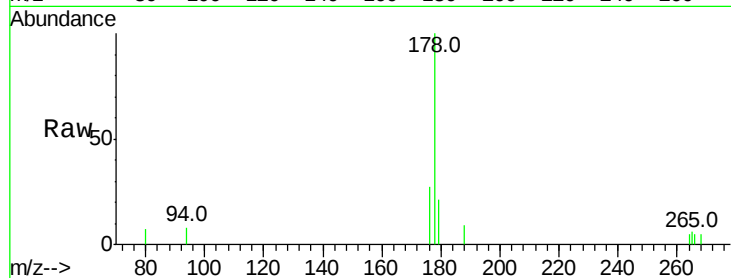
#12
Phenanthrene
Concen: 0.19 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008236.D
Acq: 10 Dec 2016 17:29

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	27.2	18.4	27.6
179	21.5	13.6	20.4

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#15
Fluoranthene
Concen: 0.05 ng/ul m
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008236.D
Acq: 10 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.9	0.0	30.3
203	37.6	0.0	39.5

