

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008531.D
 Acq On : 21 Dec 2016 23:37
 Operator : UM/SJ
 Sample : H6040-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W2

Manual Integrations
 APPROVED

Sohil
 12/22/2016 12:36:18 PM

Quant Time: Dec 22 02:16:22 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	7.65	152	423	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1414	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	990m	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	1773m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1558m	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1422m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	869	0.40	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	2124m	0.44	ng/ul	-0.04
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	3681	0.93	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	2884	1.08	ng/ul	100
8) Acenaphthene	14.35	153	234m	0.07	ng/ul	
9) Fluorene	15.34	166	863m	0.22	ng/ul	
12) Phenanthrene	17.07	178	796	0.15	ng/ul#	78
15) Fluoranthene	19.11	202	281m	0.04	ng/ul	

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

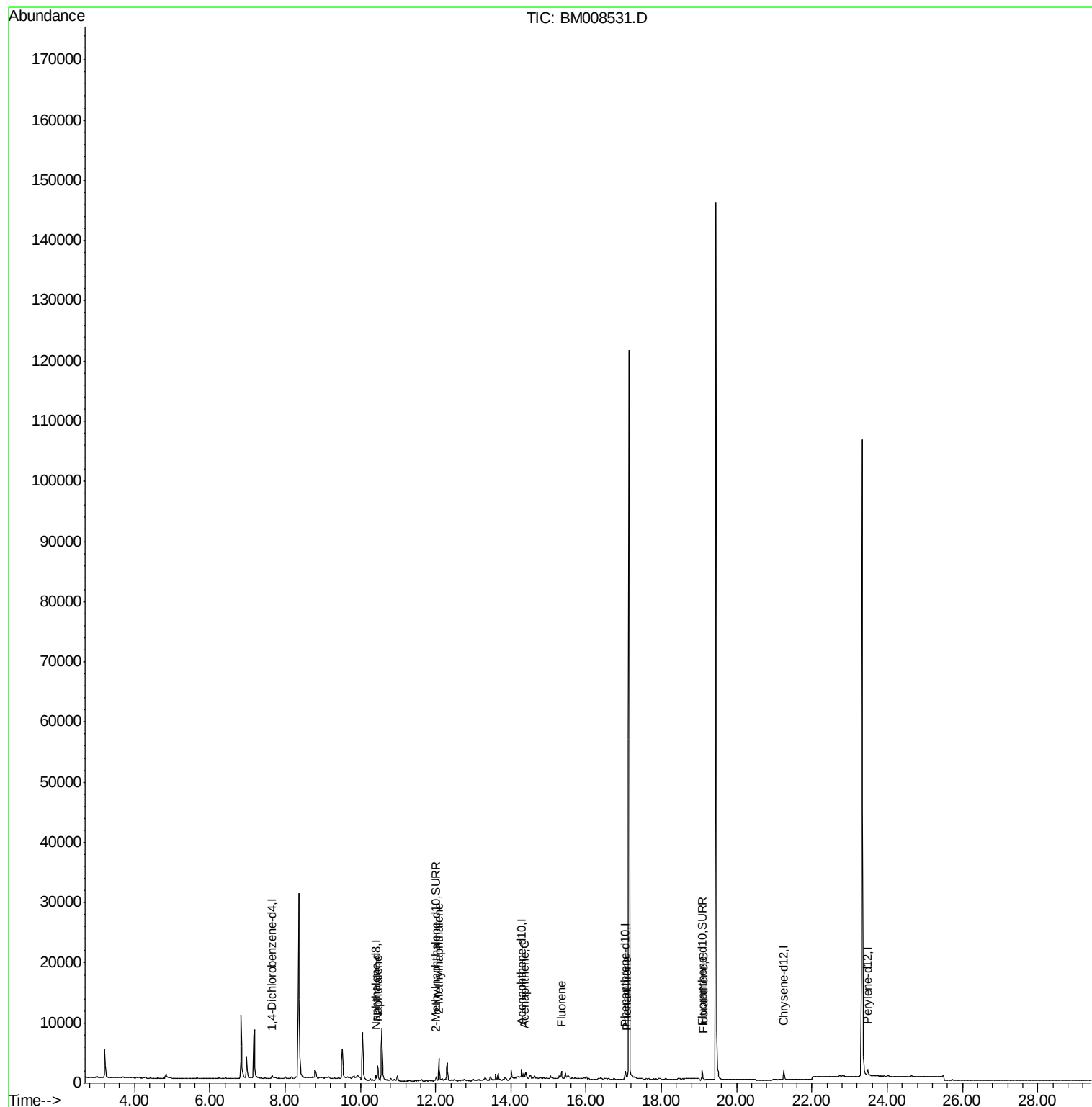
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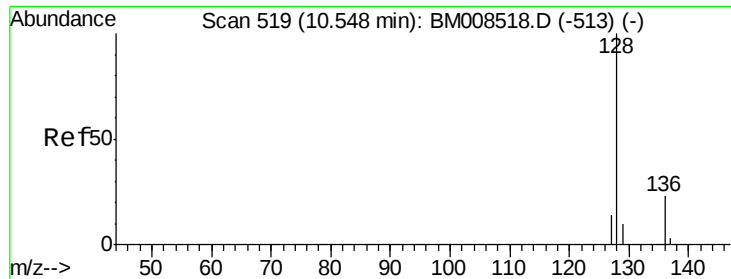
Instrument :
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#3

Naphthalene

Concen: 0.93 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

Instrument :

BNA_M

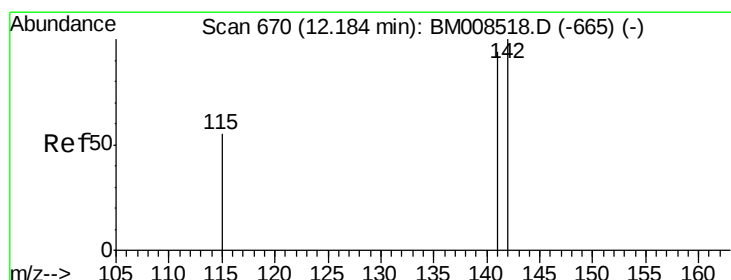
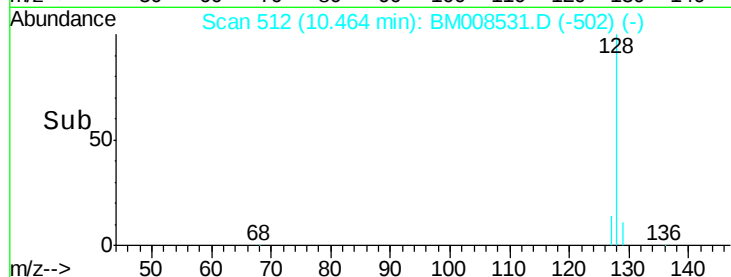
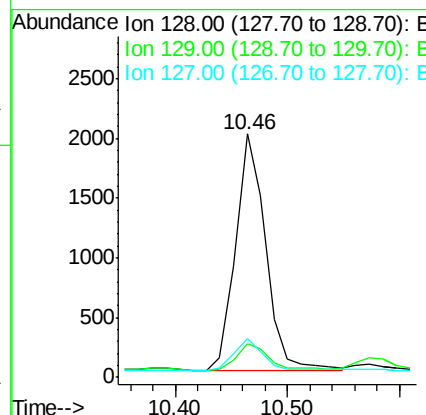
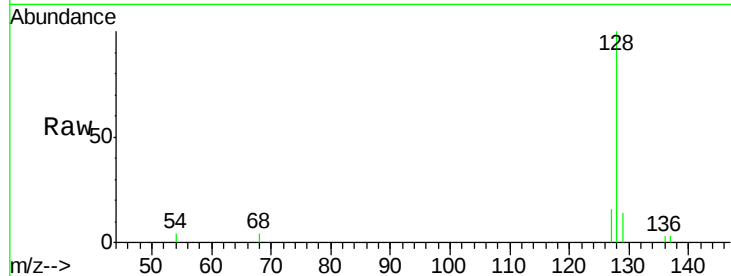
ClientSampleId :

DA8W2

Tgt Ion:	128	Resp:	3681
Ion Ratio	Lower	Upper	
128	100		
129	13.8	11.3	16.9
127	15.8	12.8	19.2

Manual Integrations
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#5

2-Methylnaphthalene

Concen: 1.08 ng/ul

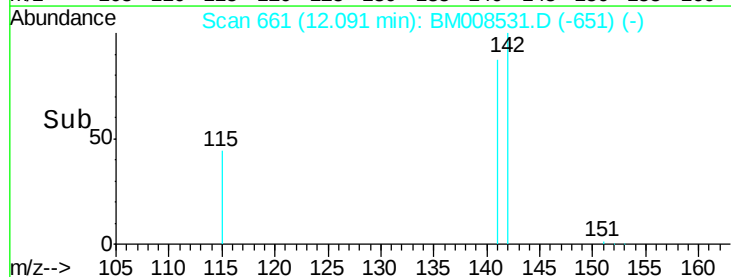
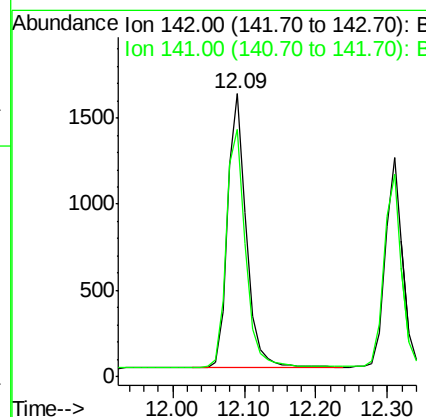
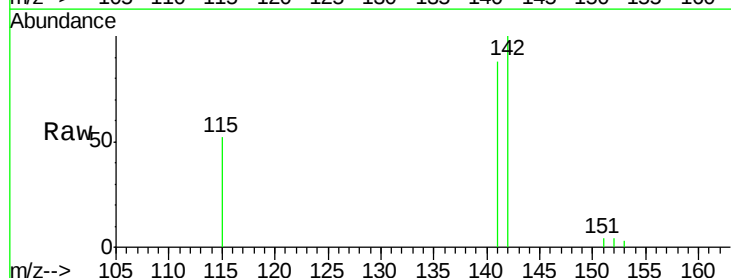
RT: 12.09 min Scan# 661

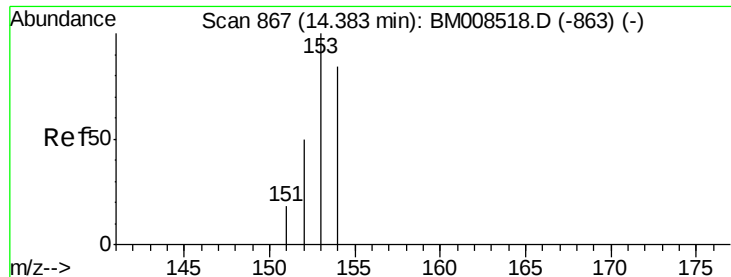
Delta R.T. -0.09 min

Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

Tgt Ion:	142	Resp:	2884
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.6	108.8





#8

Acenaphthene

Concen: 0.07 ng/ul m

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

Instrument :

BNA_M

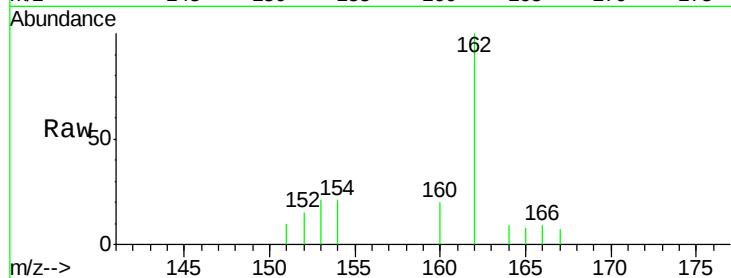
ClientSampleId :

DA8W2

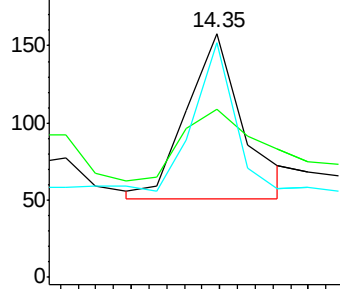
Tgt Ion:	153	Resp:	234
Ion Ratio	Lower	Upper	
153	100		
152	69.0	40.3	60.5#
154	96.2	71.4	107.2

Manual Integrations
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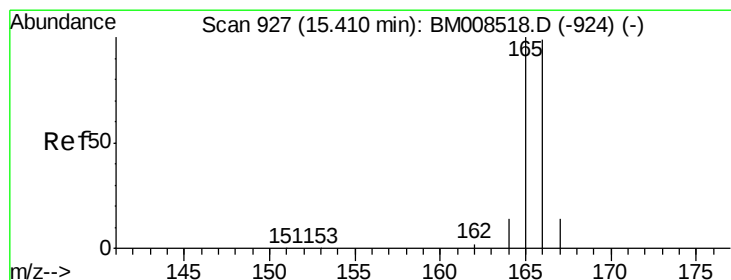
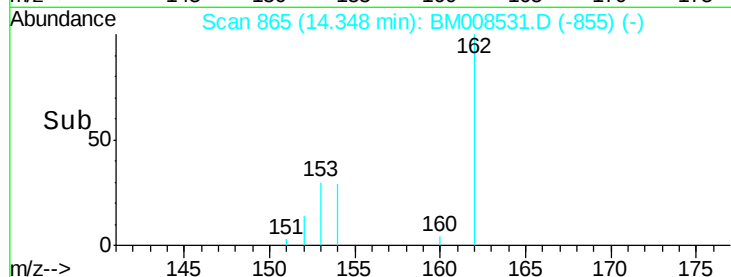
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.22 ng/ul m

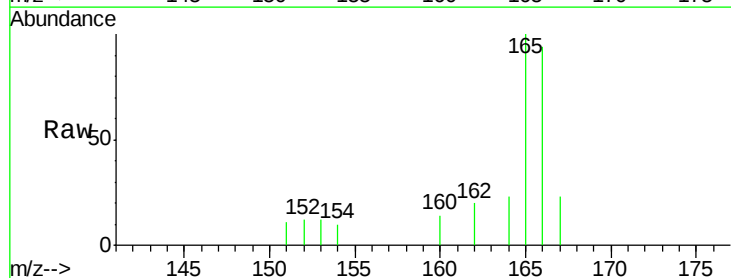
RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

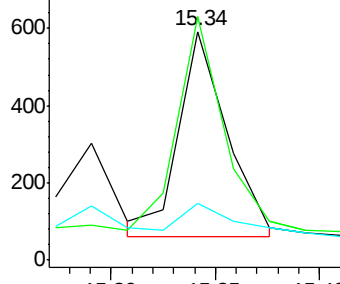
Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

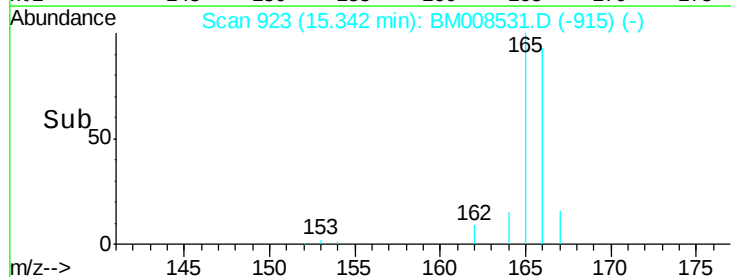
Tgt Ion:	166	Resp:	863
Ion Ratio	Lower	Upper	
166	100		
165	106.6	73.4	110.2
167	24.8	14.6	22.0#

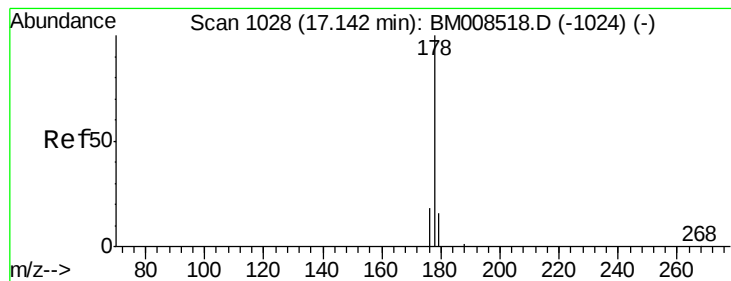


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

Instrument :

BNA_M

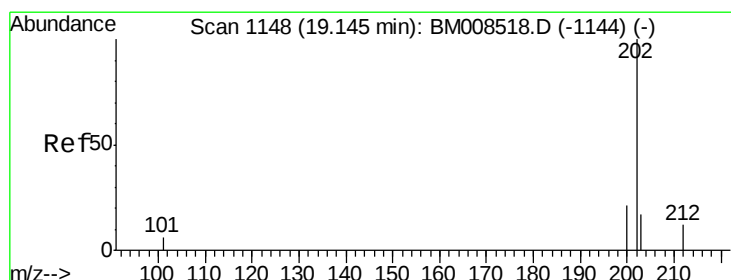
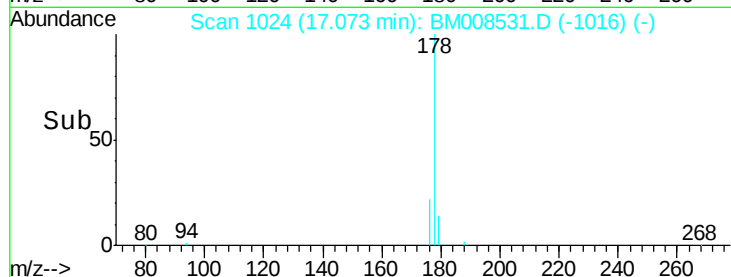
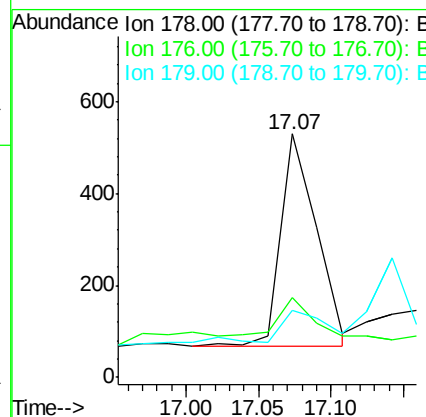
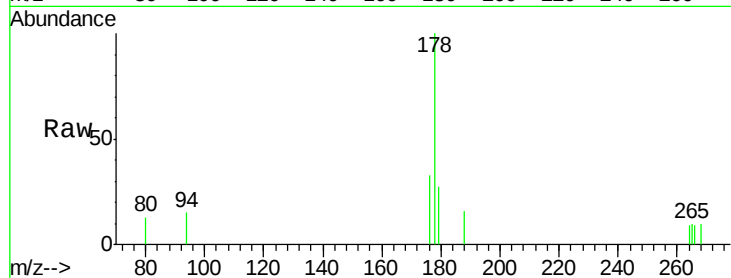
ClientSampleId :

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Tgt Ion:	178	Resp:	796
Ion Ratio	Lower	Upper	
178	100		
176	32.6	18.4	27.6#
179	27.4	13.6	20.4#

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#15

Fluoranthene

Concen: 0.04 ng/ul m

RT: 19.11 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BM008531.D

Acq: 21 Dec 2016 23:37

Tgt Ion:	202	Resp:	281
Ion Ratio	Lower	Upper	
202	100		
101	39.8	0.0	30.3#
203	50.7	0.0	39.5#

