

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000495.D
 Acq On : 12 Feb 2015 02:18
 Operator : TP/IZ
 Sample : G1249-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FM9

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:10:53 PM

Quant Time: Feb 12 03:18:28 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 11 23:58:48 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	13306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17876m	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	11704	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	10350m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.10	152	6787	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	15354m	0.39	ng/ul	0.01

Target Compounds

						Qvalue
3) Naphthalene	10.55	128	2391	0.07	ng/ul#	92
5) 2-Methylnaphthalene	12.17	142	142	0.01	ng/ul	92
8) Acenaphthene	14.41	153	351	0.01	ng/ul#	86
9) Fluorene	15.42	166	443m	0.01	ng/ul	
12) Phenanthrene	17.15	178	1554m	0.03	ng/ul	
15) Fluoranthene	19.18	202	2887	0.05	ng/ul	83

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

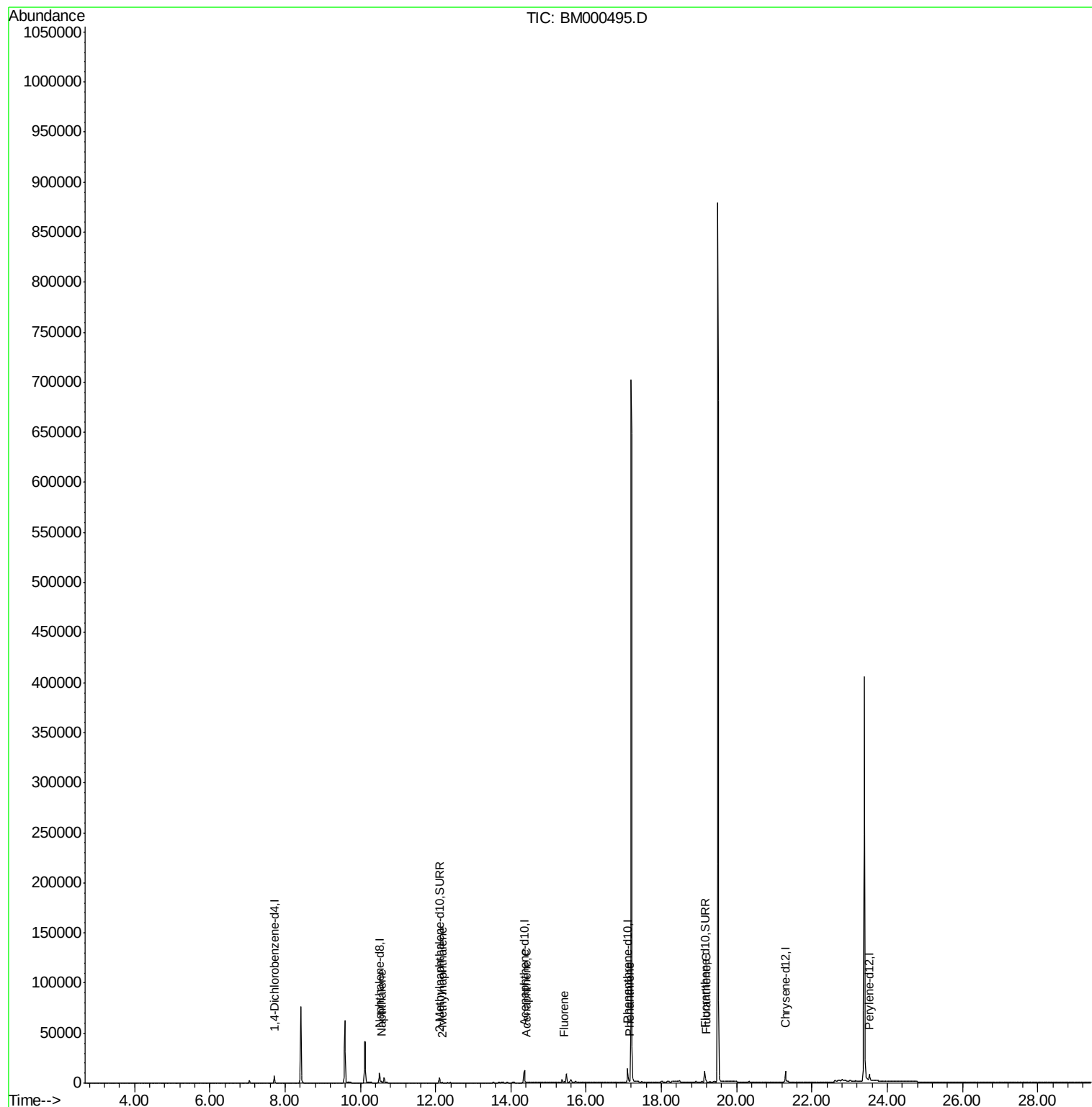
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
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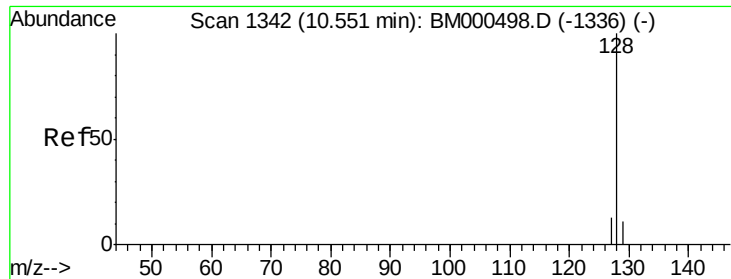
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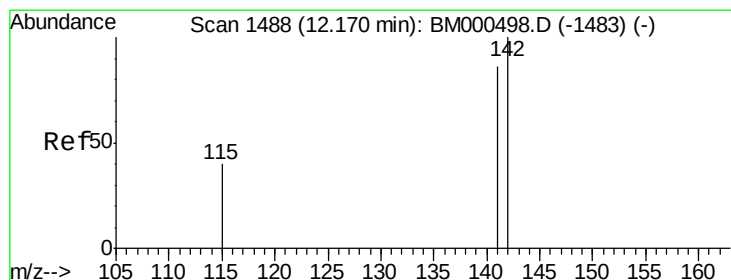
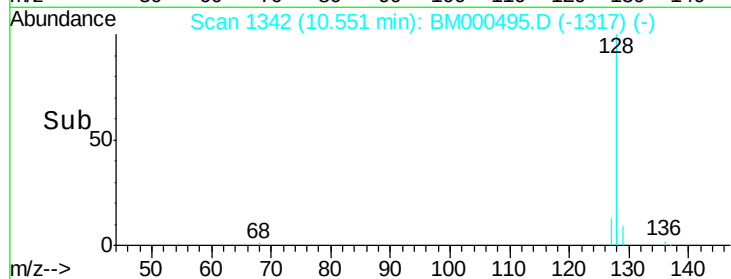
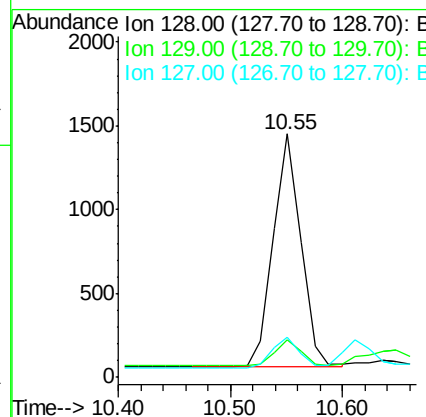
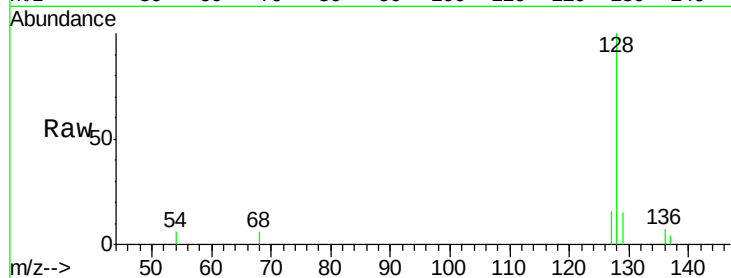
#3
Naphthalene
Concen: 0.07 ng/ul
RT: 10.55 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM000495.D
Acq: 12 Feb 2015 02:18

Instrument :
BNA_M
ClientSampleId :
A4FM9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.2	13.8#
127	16.4	11.2	16.8

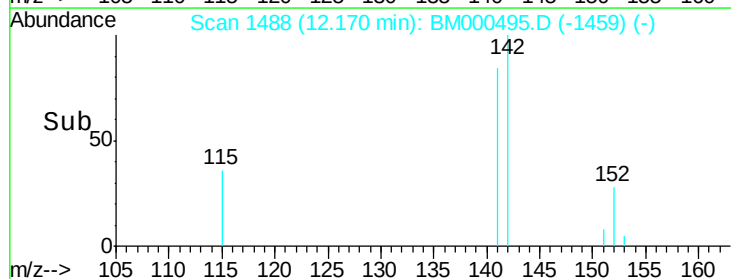
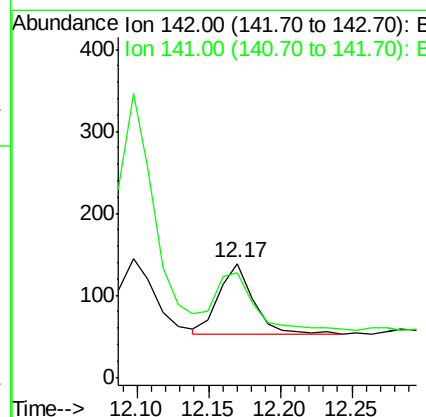
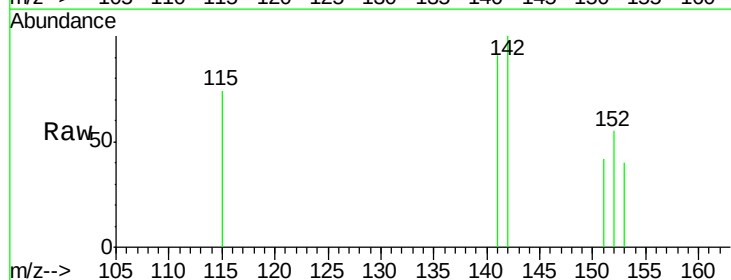
Manual Integrations
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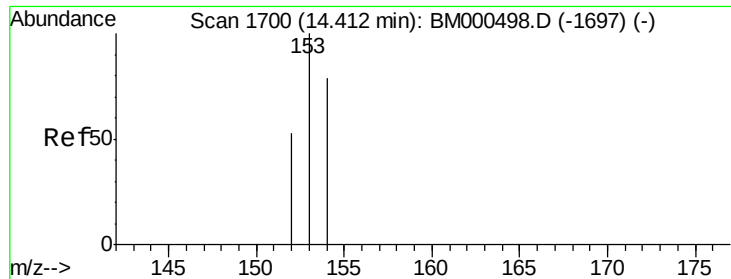
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#5
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.17 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BM000495.D
Acq: 12 Feb 2015 02:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	70.3	105.5





#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000495.D

Acq: 12 Feb 2015 02:18

Instrument :

BNA_M

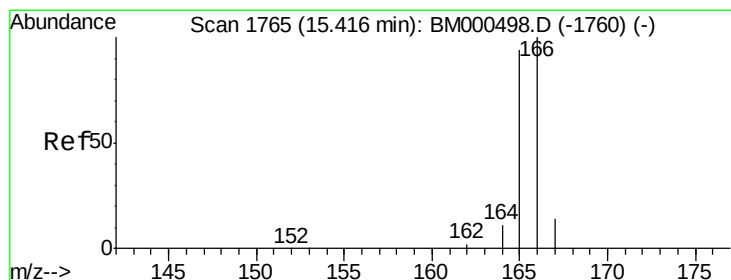
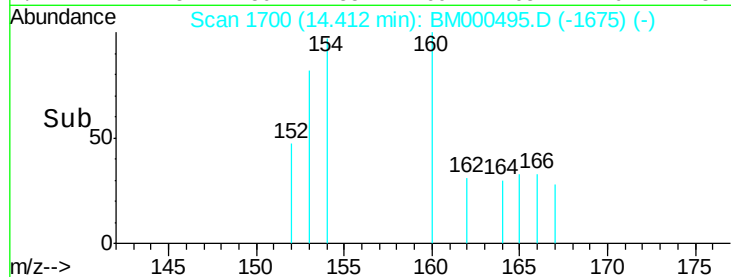
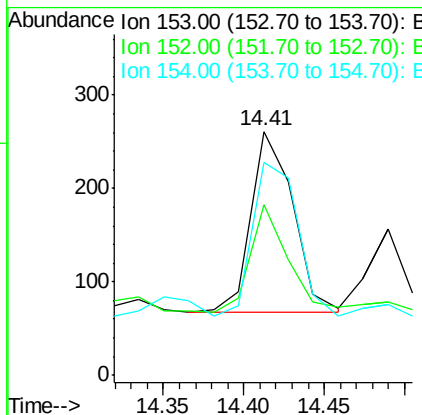
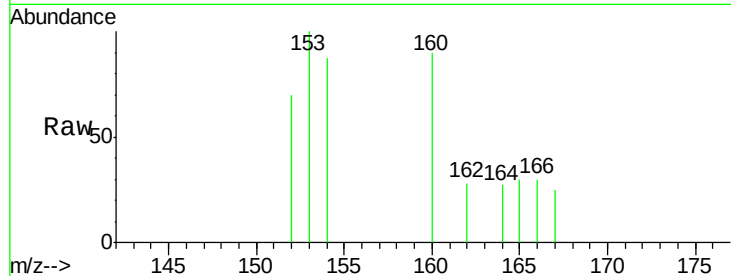
ClientSampleId :

A4FM9

Tgt Ion:	153	Resp:	351
Ion Ratio	Lower	Upper	
153	100		
152	70.1	45.6	68.4#
154	87.4	62.5	93.7

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#9

Fluorene

Concen: 0.01 ng/ul m

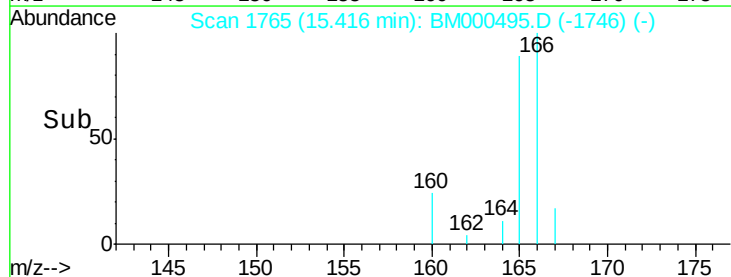
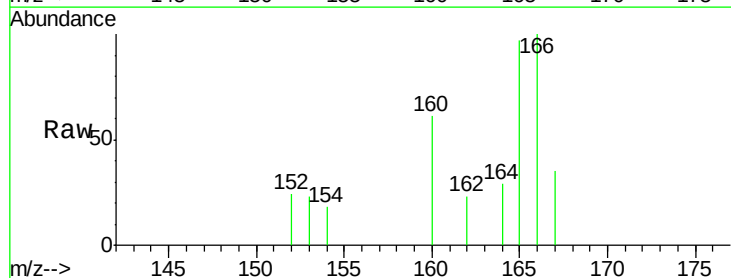
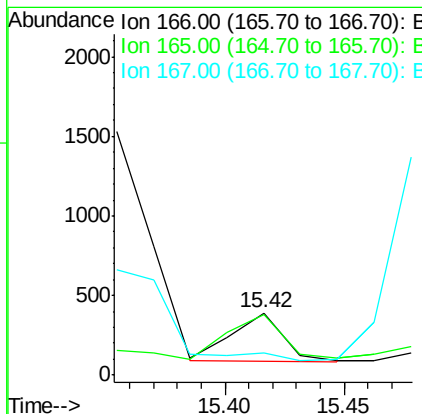
RT: 15.42 min Scan# 1765

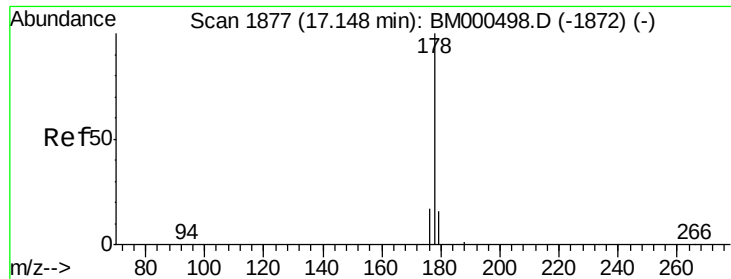
Delta R.T. -0.00 min

Lab File: BM000495.D

Acq: 12 Feb 2015 02:18

Tgt Ion:	166	Resp:	443
Ion Ratio	Lower	Upper	
166	100		
165	96.9	74.4	111.6
167	34.7	11.3	16.9#





#12

Phenanthrene

Concen: 0.03 ng/ul m

RT: 17.15 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM000495.D

Acq: 12 Feb 2015 02:18

Instrument :

BNA_M

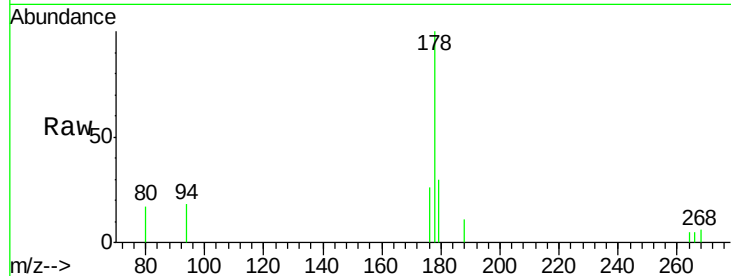
ClientSampled :

A4FM9

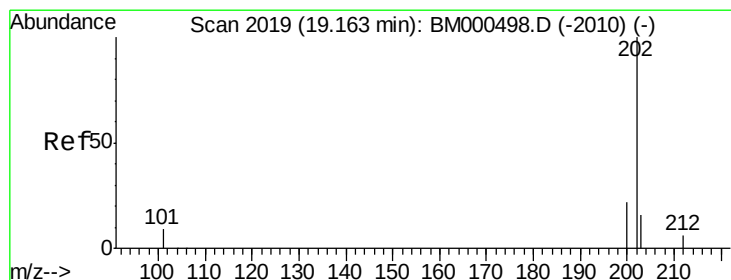
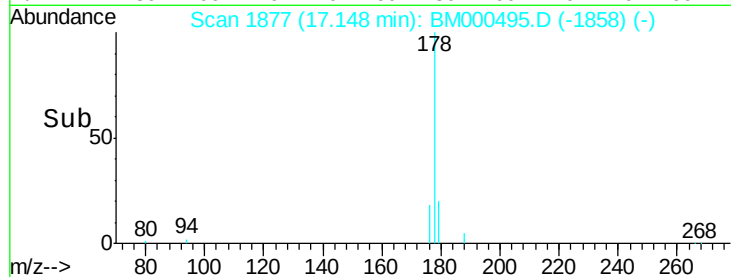
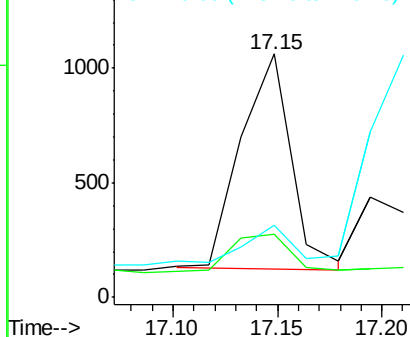
Tgt Ion:	178	Resp:	1554
Ion Ratio	Lower	Upper	
178	100		
176	26.1	15.0	22.4#
179	29.5	13.0	19.4#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.05 ng/ul

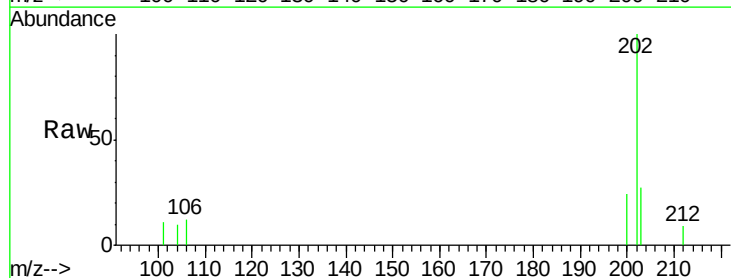
RT: 19.18 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BM000495.D

Acq: 12 Feb 2015 02:18

Tgt Ion:	202	Resp:	2887
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	24.6
203	26.6	0.0	39.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

