

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008219.D
 Acq On : 09 Dec 2016 23:28
 Operator : UM/SJ
 Sample : H5863-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z9

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:40 PM

Quant Time: Dec 10 05:06:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 04:37:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	603	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1775	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.31	164	1226	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1945	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1821	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1787	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	671	0.27	ng/ul	-0.05
14) Fluoranthene-d10	19.11	212	1647	0.30	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.51	128	36443	7.34	ng/ul	94
5) 2-Methylnaphthalene	12.12	142	35742	11.17	ng/ul	99
8) Acenaphthene	14.38	153	2036	0.48	ng/ul#	91
9) Fluorene	15.38	166	5634	1.16	ng/ul	88
12) Phenanthrene	17.11	178	3298	0.54	ng/ul#	92
13) Anthracene	17.21	178	806	0.14	ng/ul#	63
15) Fluoranthene	19.14	202	781m	0.10	ng/ul	
17) Pyrene	19.51	202	977	0.15	ng/ul#	68

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

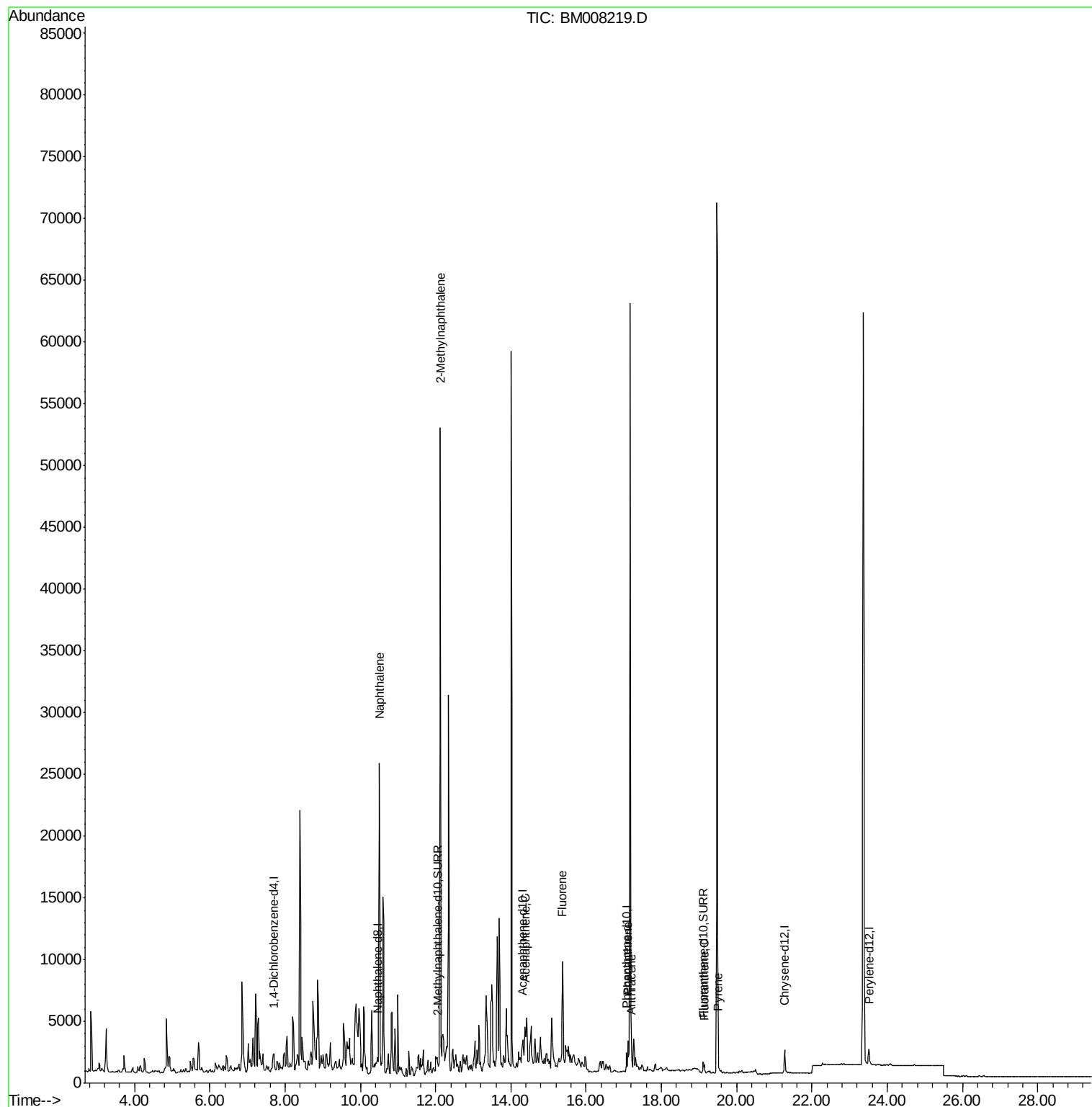
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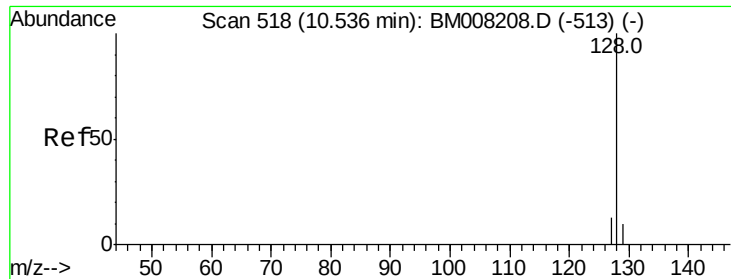
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#3

Naphthalene

Concen: 7.34 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Instrument :

BNA_M

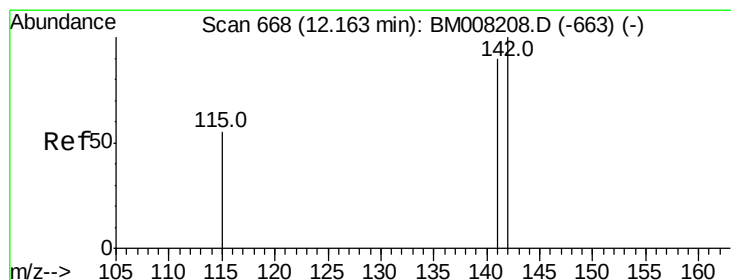
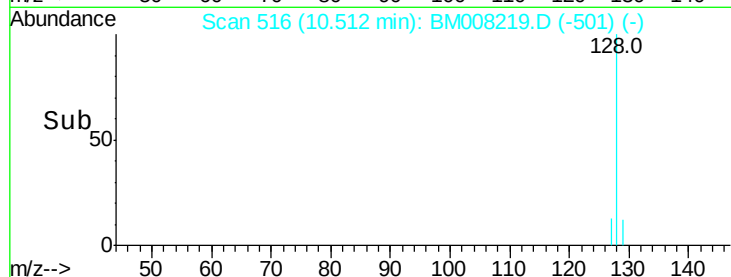
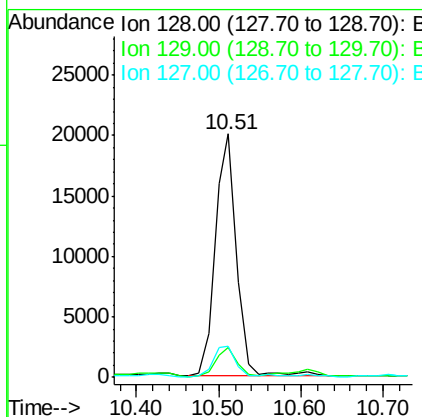
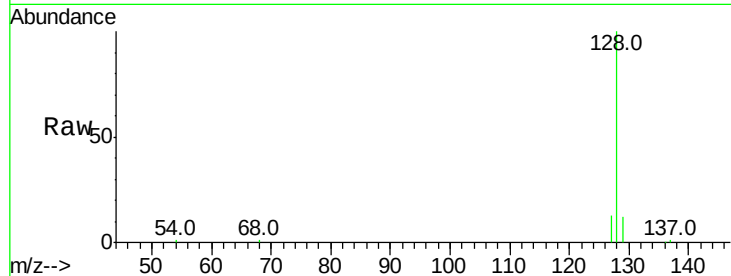
ClientSampleId :

DA7Z9

Tot Ion:	128	Resp:	36443
Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	12.9	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 11.17 ng/ul

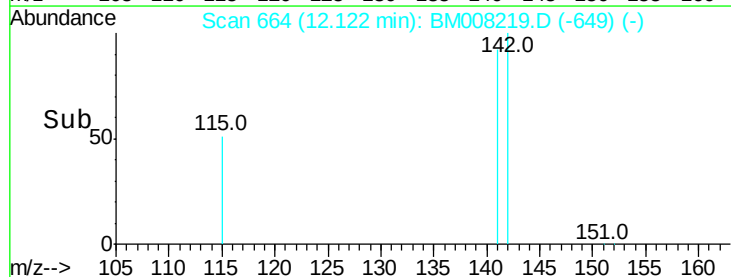
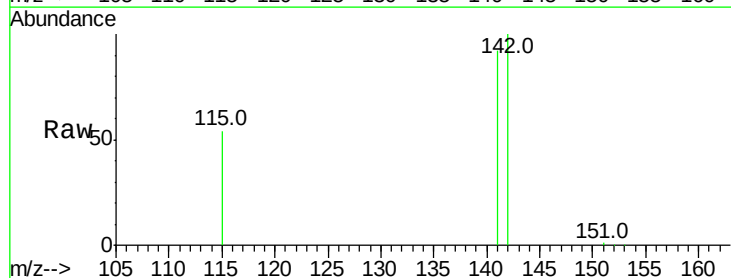
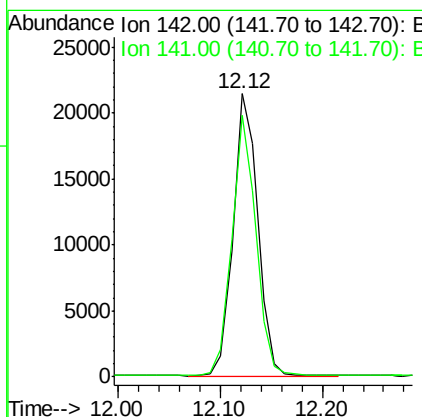
RT: 12.12 min Scan# 664

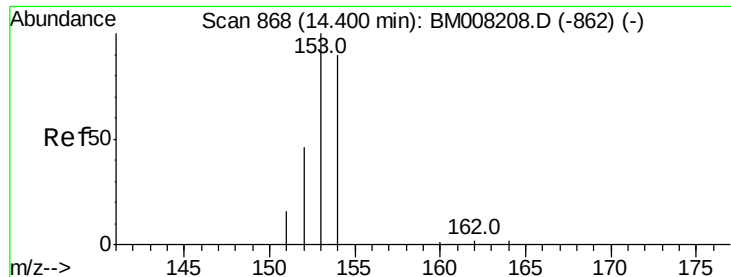
Delta R.T. -0.04 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Tgt Ion:	142	Resp:	35742
Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	108.8





#8

Acenaphthene

Concen: 0.48 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.02 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Instrument :

BNA_M

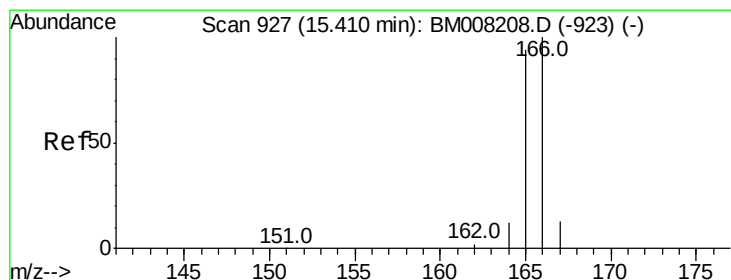
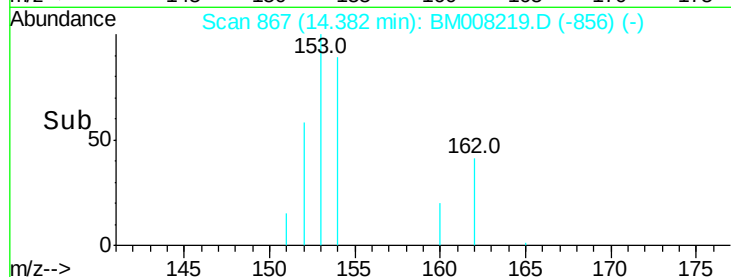
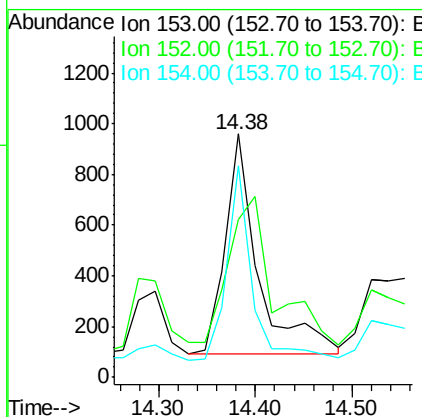
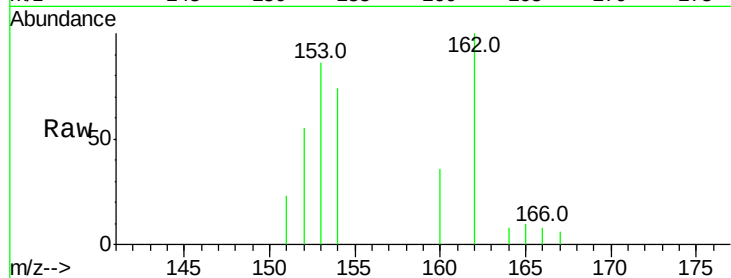
ClientSampleId :

DA7Z9

Tot Ion:	153	Resp:	2036
Ion Ratio	Lower	Upper	
153	100		
152	64.7	40.3	60.5#
154	86.8	71.4	107.2

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#9

Fluorene

Concen: 1.16 ng/ul

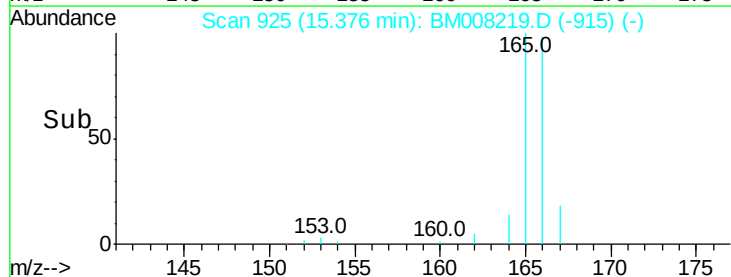
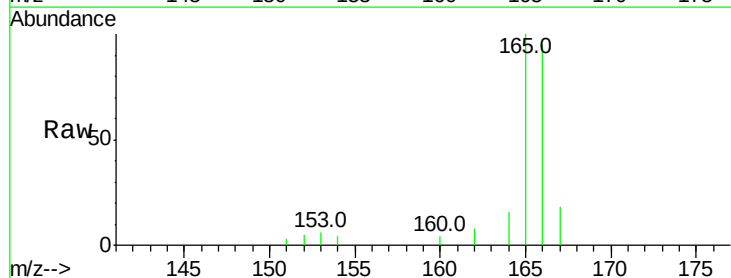
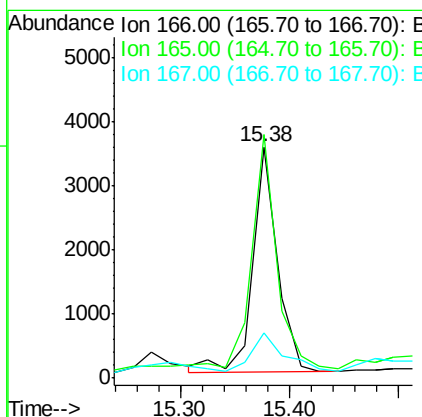
RT: 15.38 min Scan# 925

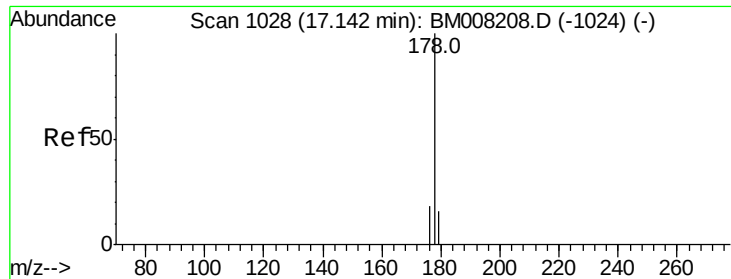
Delta R.T. -0.03 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Tgt Ion:	166	Resp:	5634
Ion Ratio	Lower	Upper	
166	100		
165	105.2	73.4	110.2
167	19.5	14.6	22.0





#12

Phenanthrene

Concen: 0.54 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

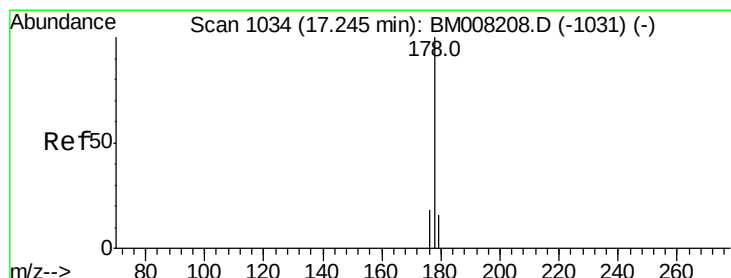
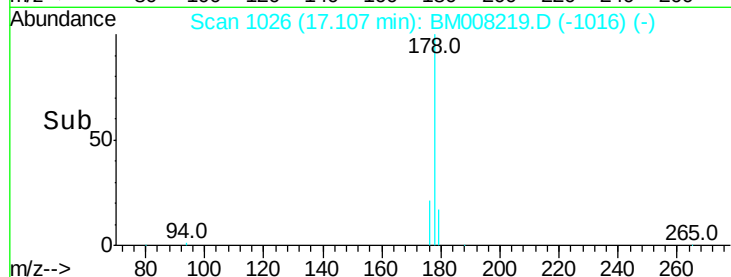
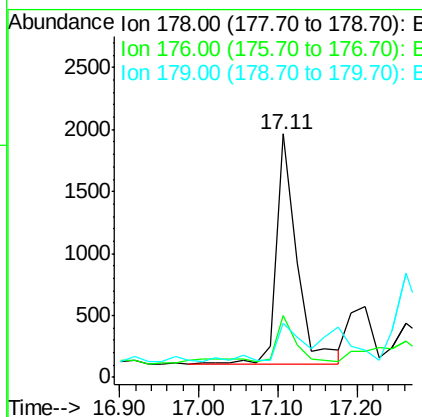
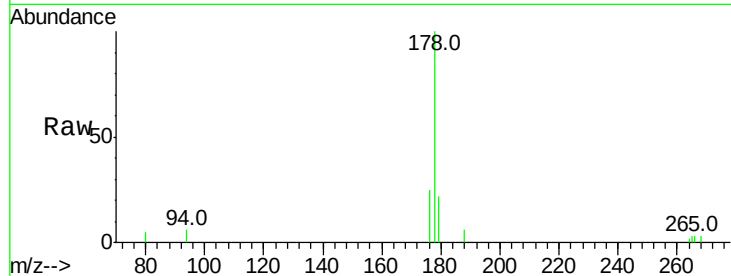
Instrument :
BNA_M
ClientSampleId :
DA7Z9

Tot Ion:178 Resp: 3298

Ion	Ratio	Lower	Upper
178	100		
176	25.3	18.4	27.6
179	22.3	13.6	20.4

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#13

Anthracene

Concen: 0.14 ng/ul

RT: 17.21 min Scan# 1032

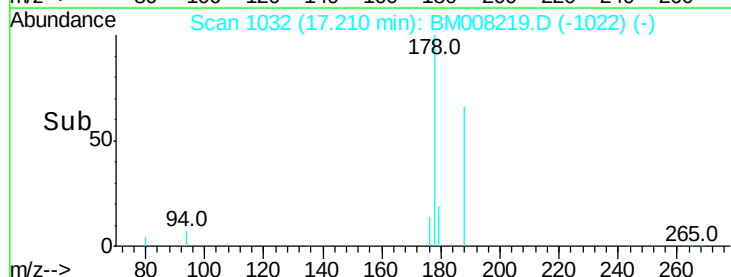
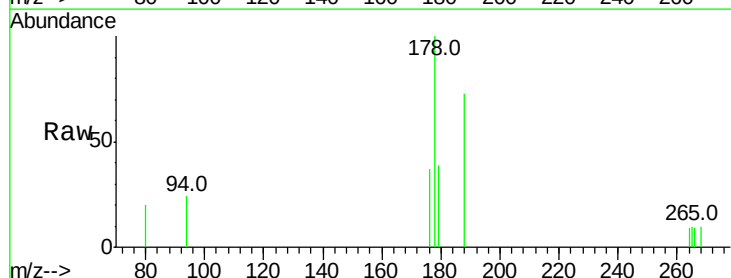
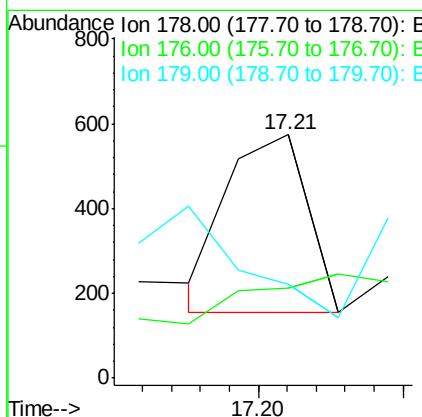
Delta R.T. -0.03 min

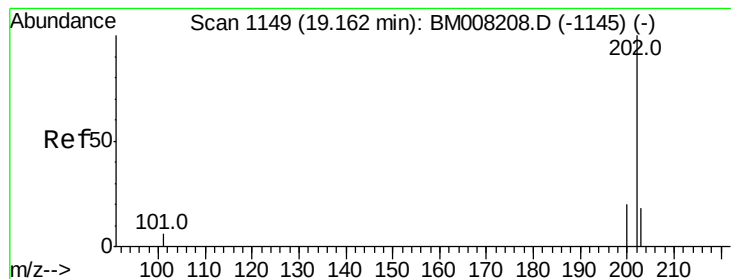
Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Tgt Ion:178 Resp: 806

Ion	Ratio	Lower	Upper
178	100		
176	36.8	18.1	27.1
179	38.9	14.7	22.1





#15

Fluoranthene

Concen: 0.10 ng/ul m

RT: 19.14 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Instrument :

BNA_M

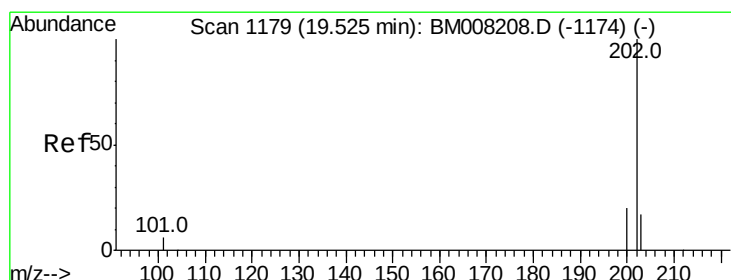
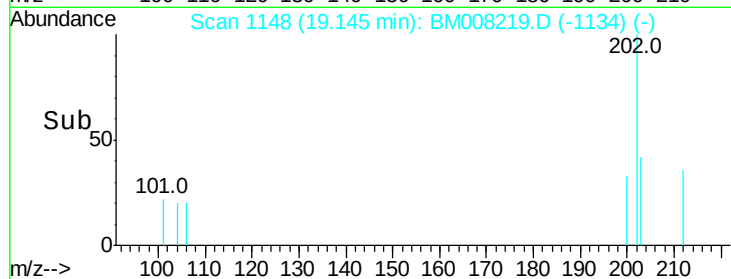
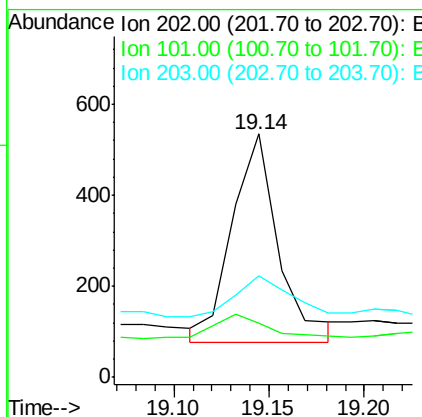
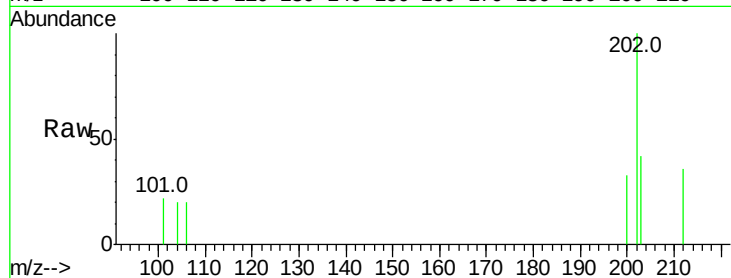
ClientSampleId :

DA7Z9

Tot Ion	Ratio	Lower	Upper
202	100		
101	22.1	0.0	30.3
203	41.9	0.0	39.5

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#17

Pyrene

Concen: 0.15 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BM008219.D

Acq: 09 Dec 2016 23:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	31.0	18.2	27.4
203	42.3	15.6	23.4

