

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004759.D
 Acq On : 24 Mar 2016 20:48
 Operator : UM/SJ
 Sample : H1909-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T39

Manual Integrations
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Sohil
 3/25/2016 2:59:41 PM

Quant Time: Mar 25 02:33:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2354	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	9409	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	4860	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	10154	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	9580	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	9211	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5375	4.71	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	1571	0.15	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	3244	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1124	0.05	ng/ul#	82
9) Acenaphthylene	14.18	152	977	0.05	ng/ul#	88
14) Phenanthrene	17.24	178	5902	0.21	ng/ul#	94
17) Fluoranthene	19.27	202	16337	0.57	ng/ul	97
19) Pyrene	19.63	202	16127	0.48	ng/ul	98
20) Benzo(a)anthracene	21.38	228	6359	0.28	ng/ul#	93
21) Chrysene	21.43	228	8357	0.27	ng/ul	95
23) Benzo(b)fluoranthene	22.99	252	11048m	0.34	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	3741m	0.11	ng/ul	
25) Benzo(a)pyrene	23.59	252	6837m	0.25	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	4464	0.15	ng/ul#	87
27) Dibenzo(a,h)anthracene	26.02	278	924	0.04	ng/ul#	60
28) Benzo(g,h,i)perylene	26.72	276	4260	0.15	ng/ul#	90

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

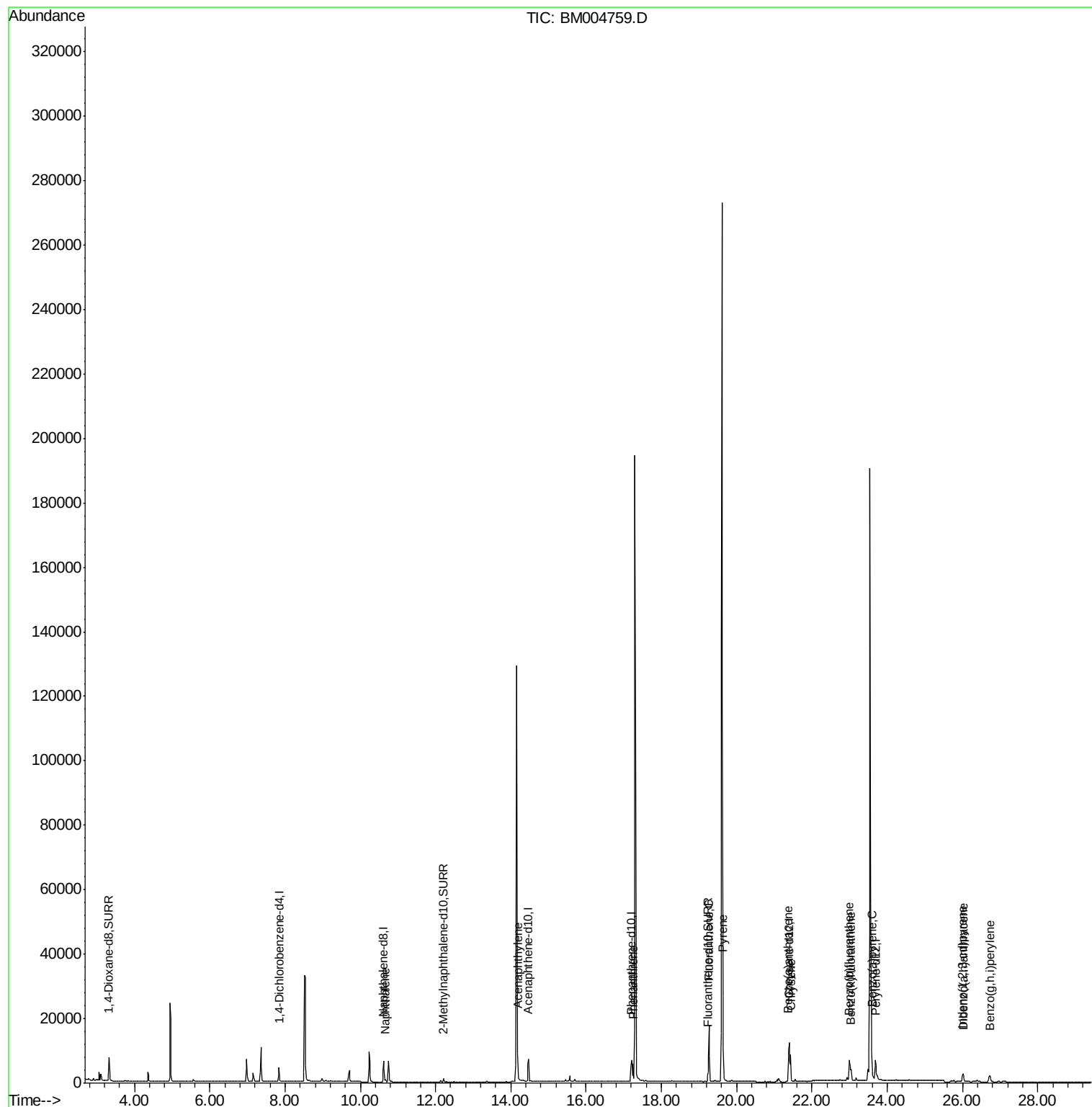
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004759.D
Acq On : 24 Mar 2016 20:48
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Misc :
ALS Vial : 10 Sample Multiplier: 1

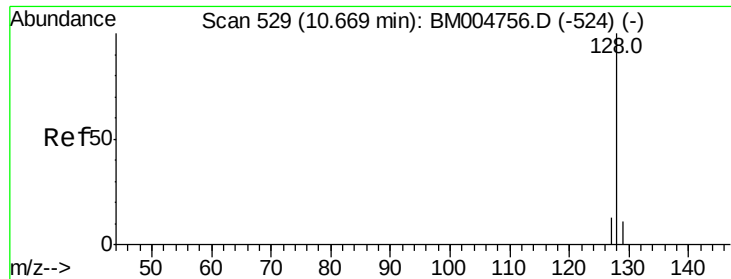
Instrument :
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Instrument :

BNA_M

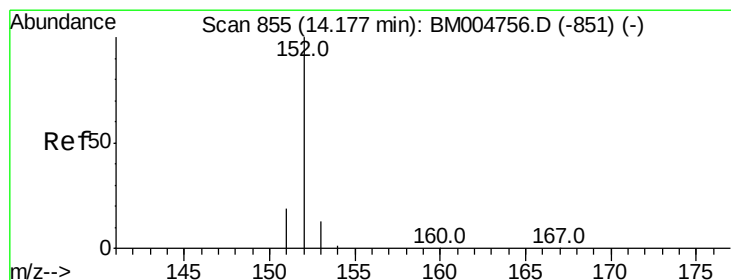
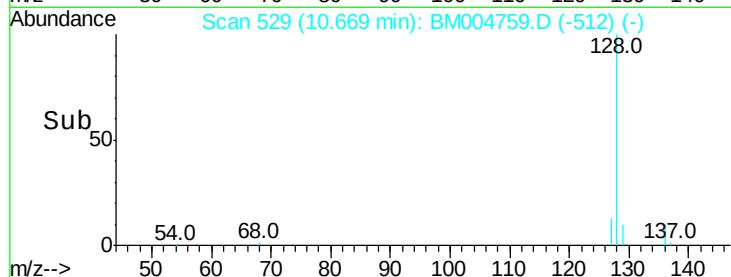
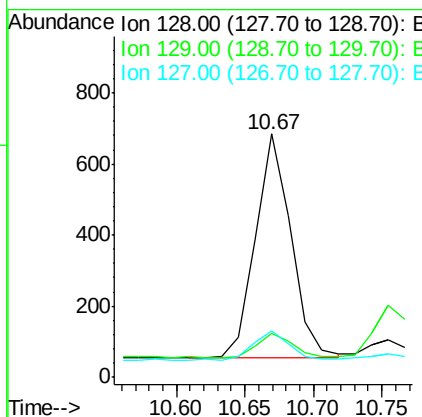
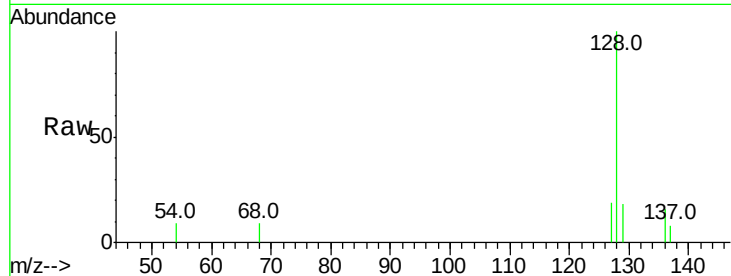
ClientSampleId :

A4T39

Tot Ion:	128	Resp:	1124
Ion Ratio	Lower	Upper	
128	100		
129	18.0	9.0	13.6#
127	19.0	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.05 ng/ul

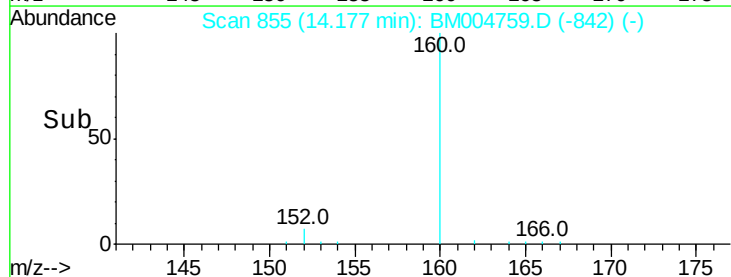
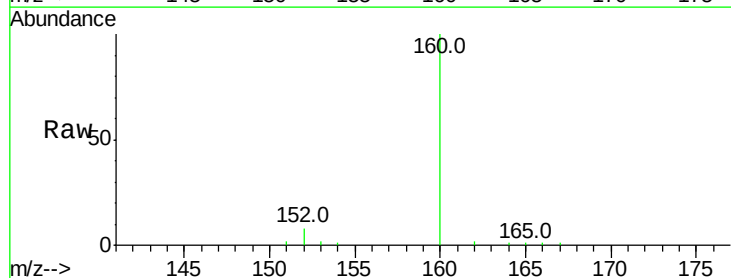
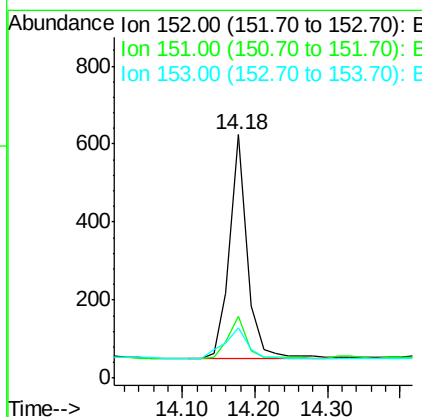
RT: 14.18 min Scan# 855

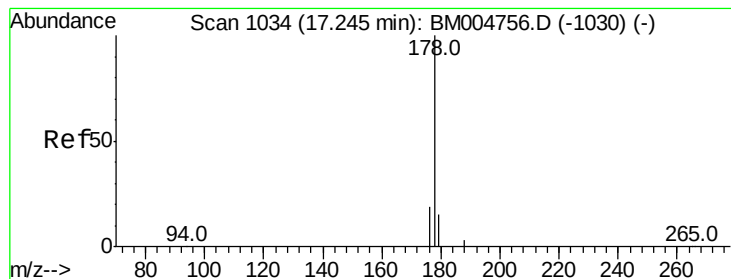
Delta R.T. 0.00 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Tgt Ion:	152	Resp:	977
Ion Ratio	Lower	Upper	
152	100		
151	25.5	17.6	26.4
153	20.5	9.7	14.5#





#14

Phenanthrene

Concen: 0.21 ng/ul

RT: 17.24 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Instrument :

BNA_M

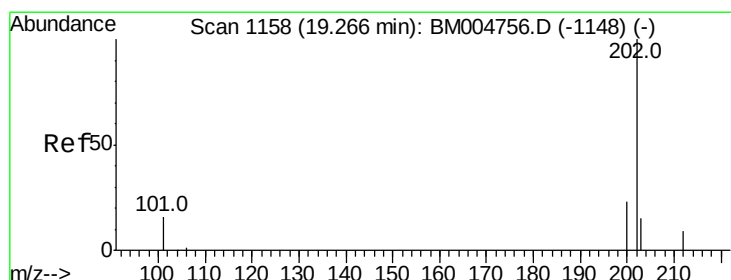
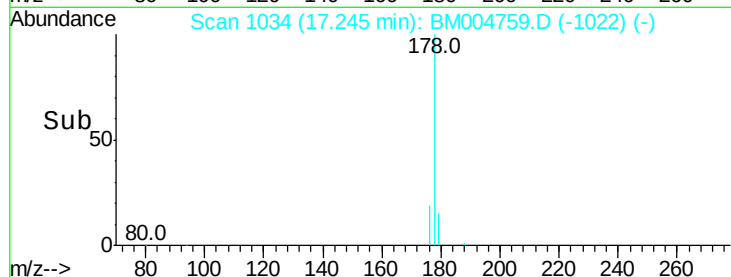
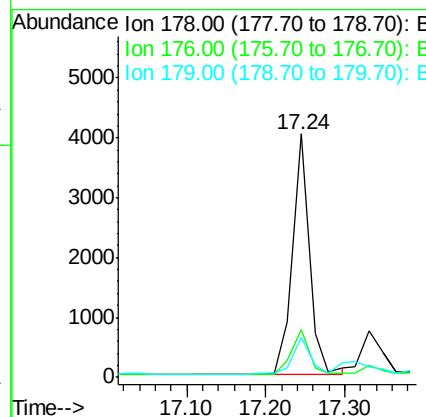
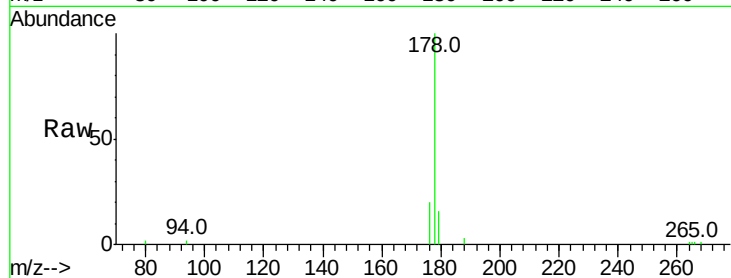
ClientSampled :

A4T39

Tot Ion:	178	Resp:	5902
Ion Ratio	Lower	Upper	
178	100		
176	19.9	13.0	19.4#
179	16.5	14.2	21.2

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#17

Fluoranthene

Concen: 0.57 ng/ul

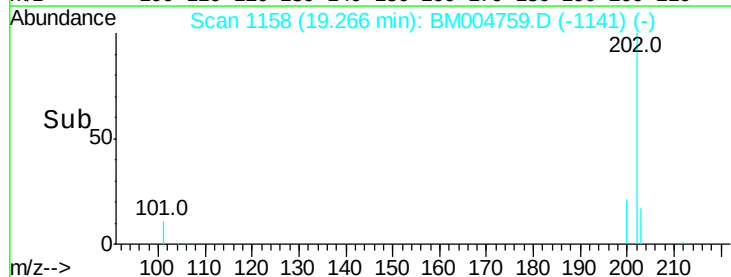
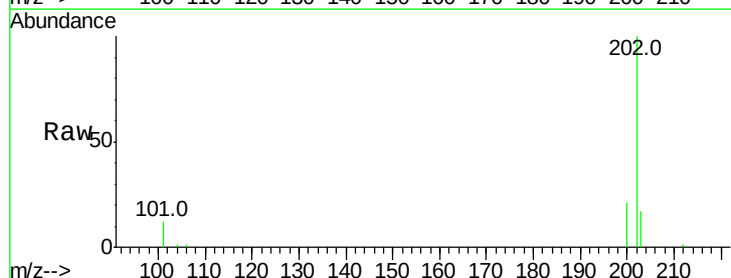
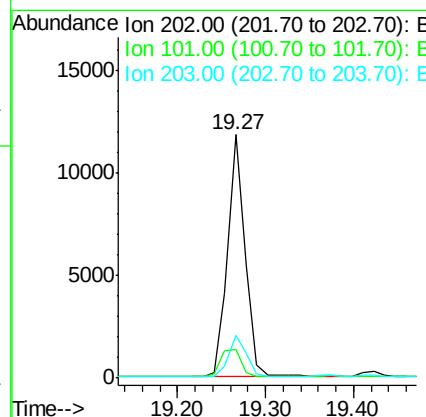
RT: 19.27 min Scan# 1158

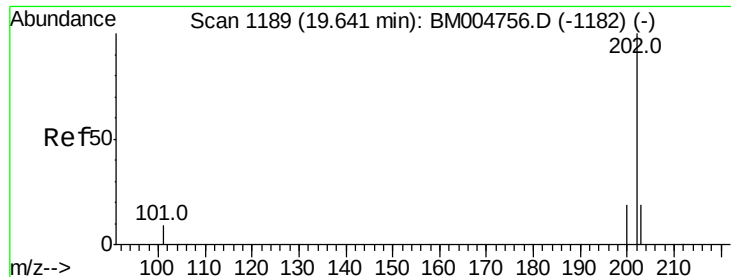
Delta R.T. 0.00 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Tgt Ion:	202	Resp:	16337
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	29.6
203	17.3	0.0	36.3





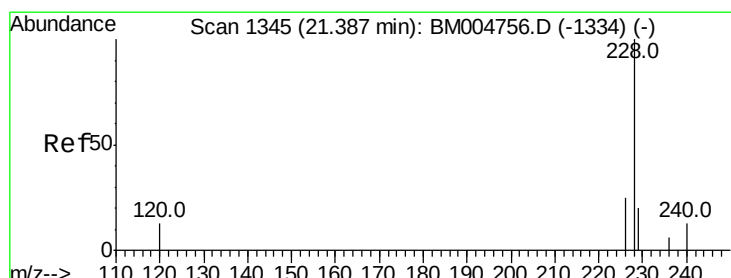
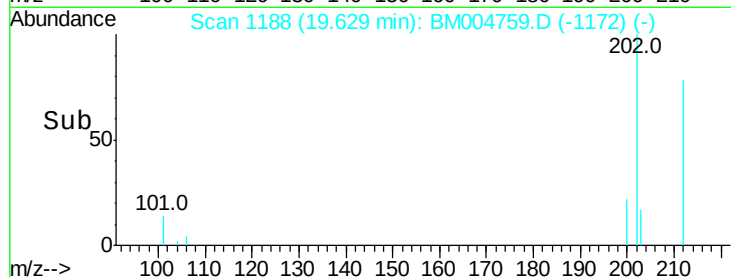
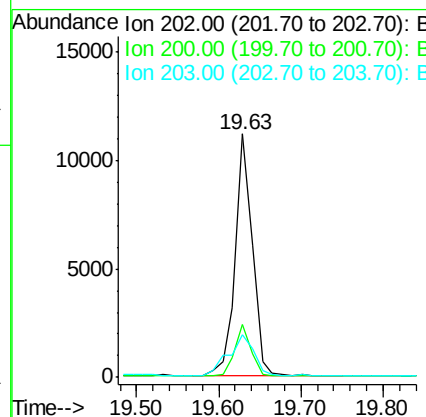
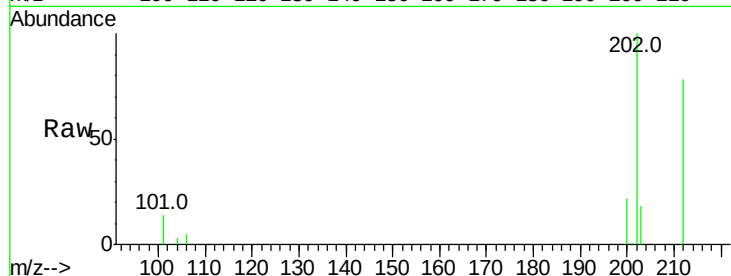
#19
Pvrene
Concen: 0.48 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM004759.D
Acq: 24 Mar 2016 20:48

Instrument :
BNA_M
ClientSampleId :
A4T39

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.8
203	17.5	12.8	19.2

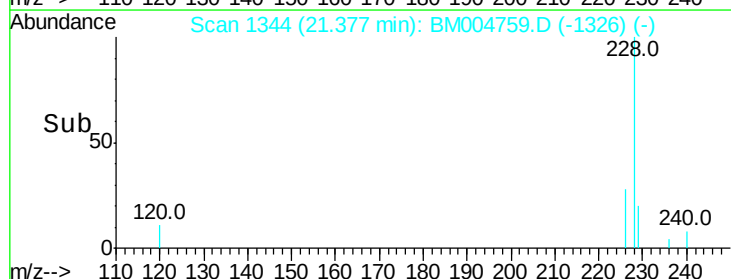
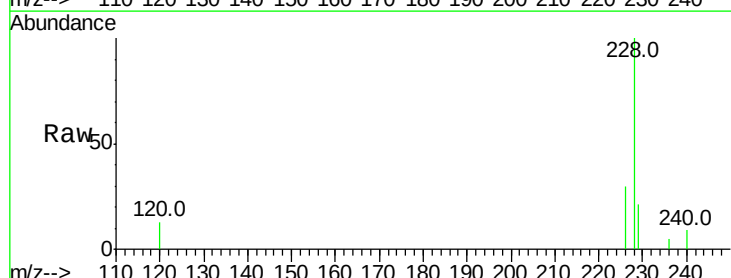
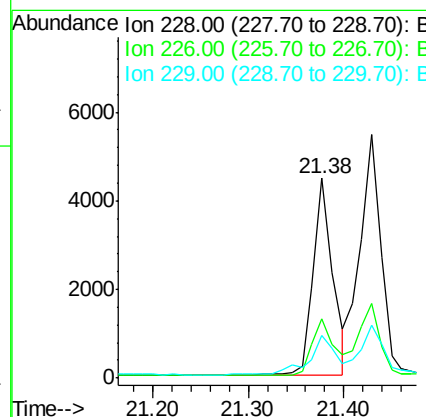
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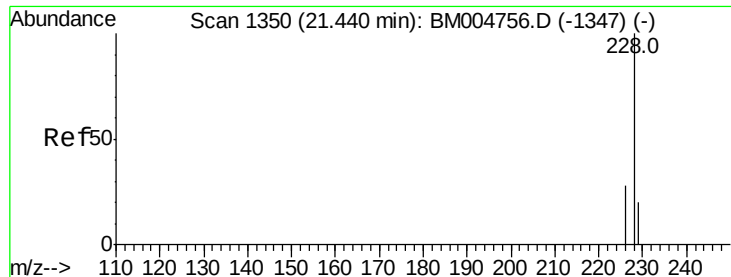
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#20
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BM004759.D
Acq: 24 Mar 2016 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	18.8	28.2#
229	21.5	17.1	25.7





#21

Chrysene

Concen: 0.27 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Instrument :

BNA_M

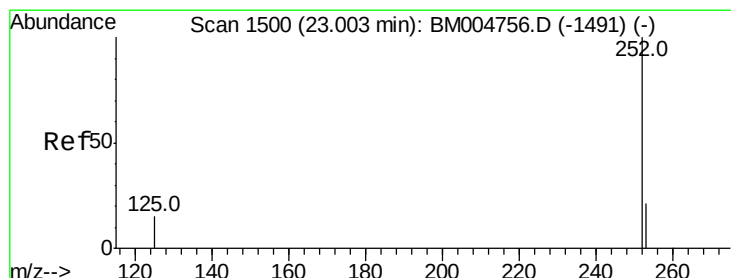
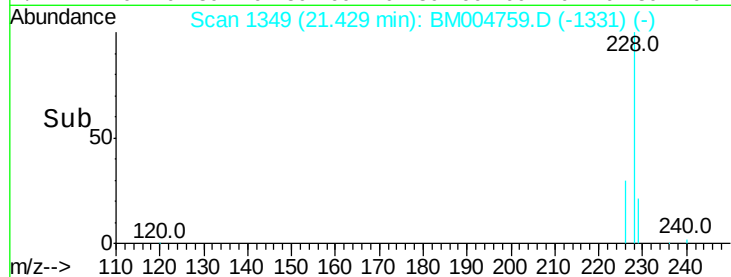
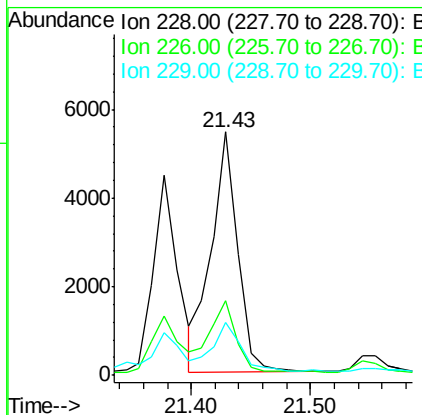
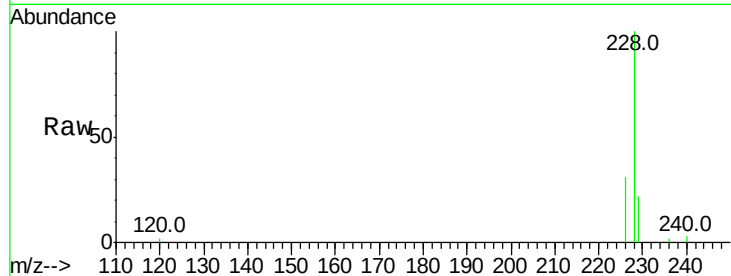
ClientSampleId :

A4T39

Tot Ion:	228	Resp:	8357
Ion Ratio	Lower	Upper	
228	100		
226	30.6	21.2	31.8
229	21.8	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 0.34 ng/ul m

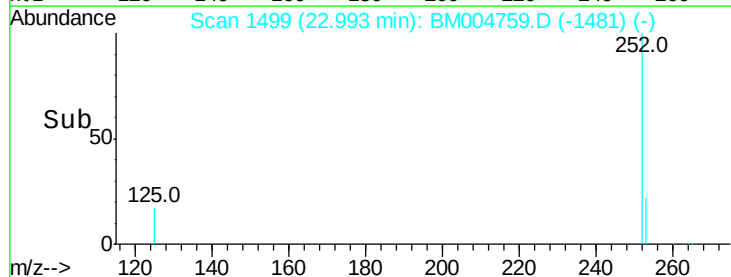
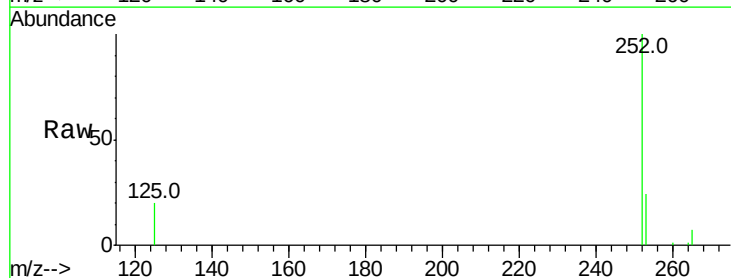
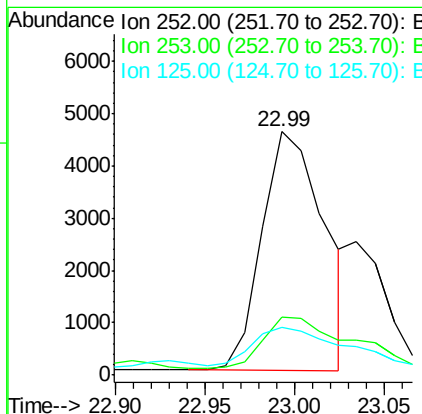
RT: 22.99 min Scan# 1499

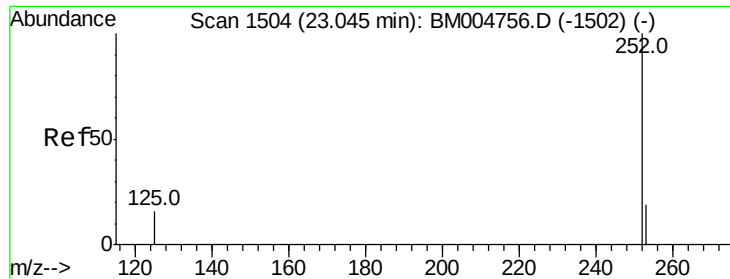
Delta R.T. -0.01 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Tgt Ion:	252	Resp:	11048
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	45.4
125	19.8	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.11 ng/ul m

RT: 23.03 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM004759.D

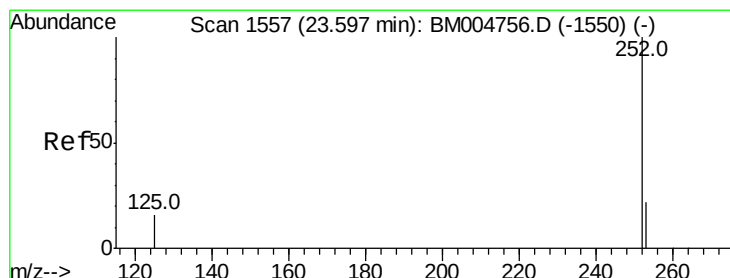
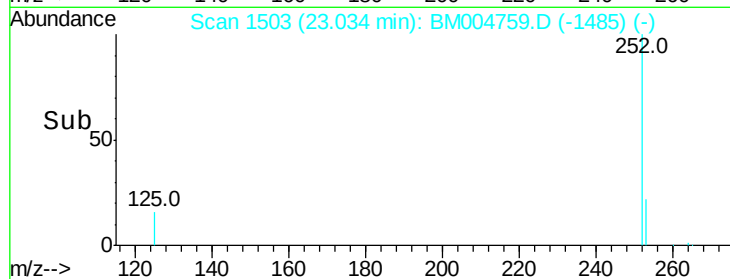
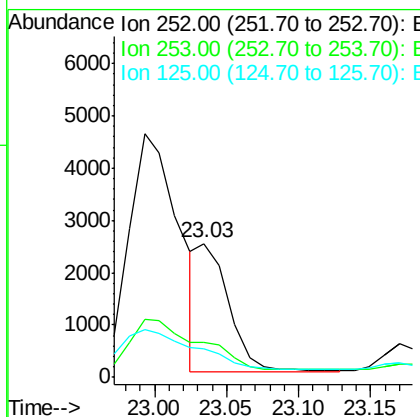
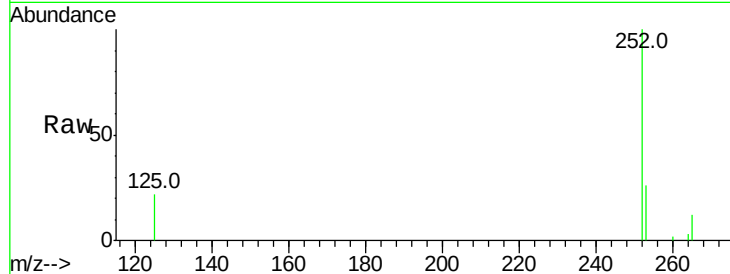
Acq: 24 Mar 2016 20:48

Instrument :
BNA_M
ClientSampleId :
A4T39

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.8	29.8
125	21.6	10.4	15.6

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#25

Benzo(a)pyrene

Concen: 0.25 ng/ul m

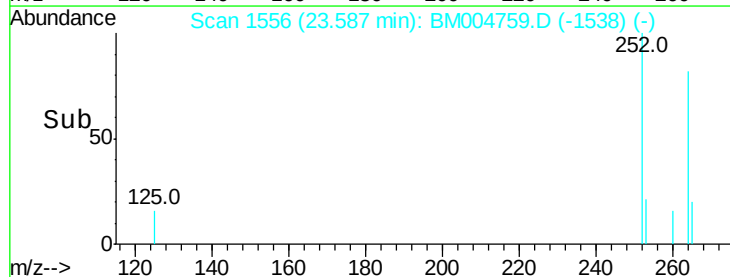
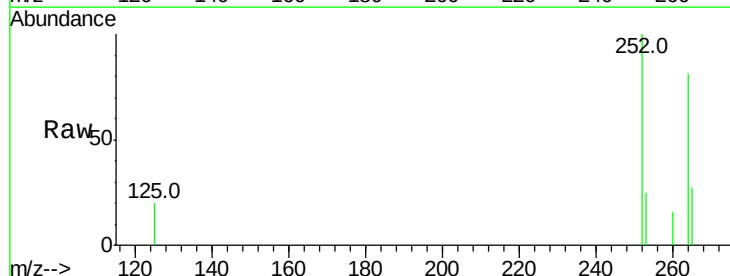
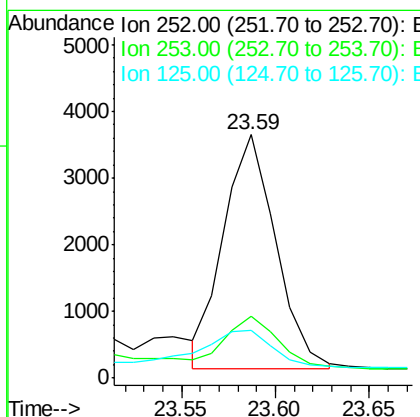
RT: 23.59 min Scan# 1556

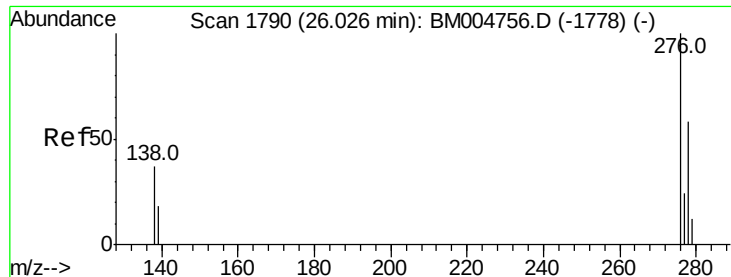
Delta R.T. -0.01 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.4	29.2
125	19.6	12.7	19.1





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.15 ng/ul

RT: 26.01 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Instrument :

BNA_M

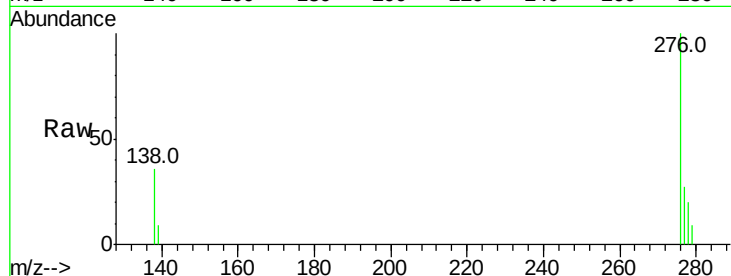
ClientSampleId :

A4T39

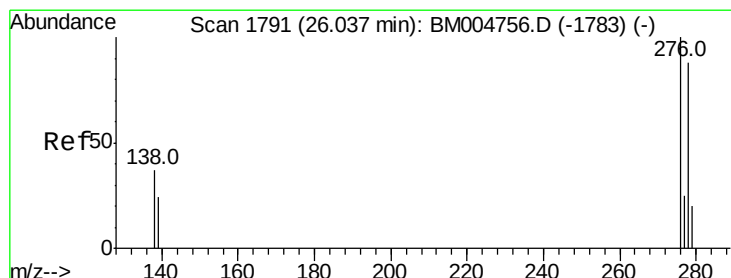
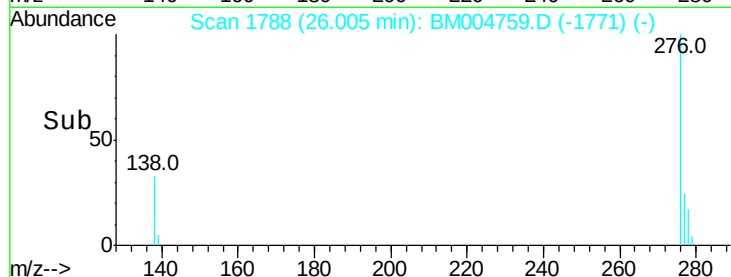
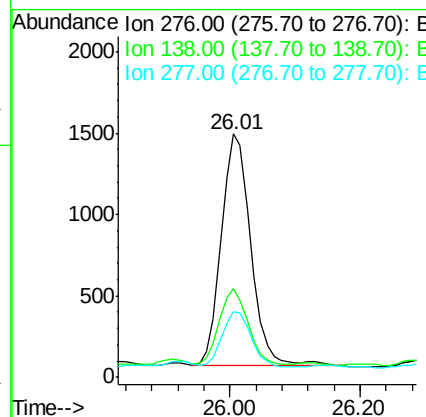
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Tot Ion:	276	Resp:	4464
Ion Ratio	Lower	Upper	
276	100		
138	31.5	16.3	24.5#
277	23.1	19.8	29.8



#27

Dibenzo(a,h)anthracene

Concen: 0.04 ng/ul

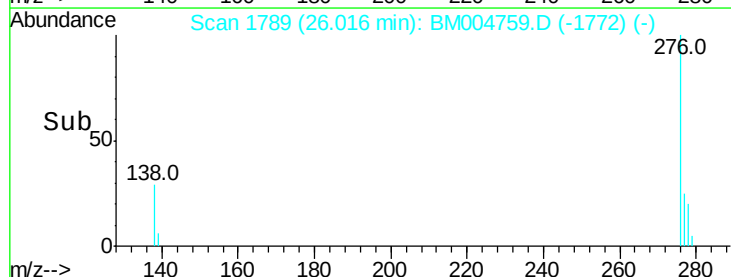
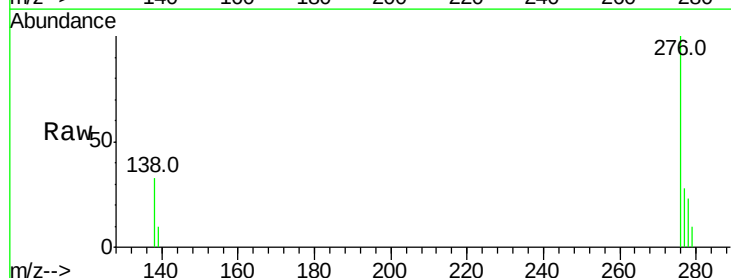
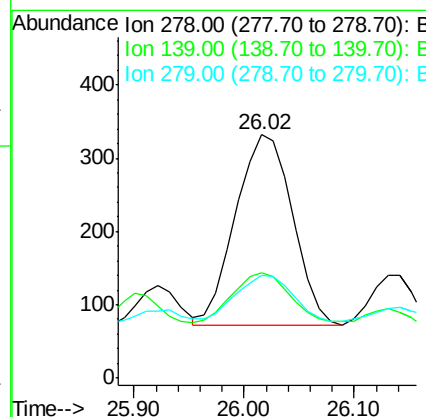
RT: 26.02 min Scan# 1789

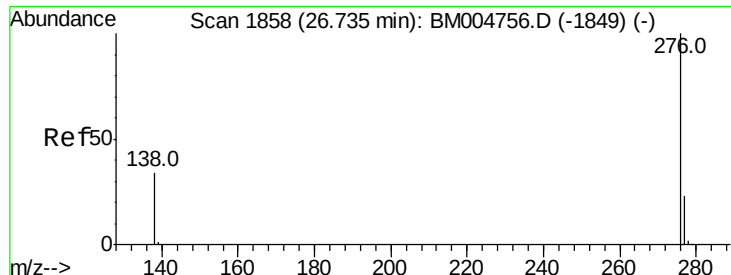
Delta R.T. -0.02 min

Lab File: BM004759.D

Acq: 24 Mar 2016 20:48

Tgt Ion:	278	Resp:	924
Ion Ratio	Lower	Upper	
278	100		
139	43.1	16.4	24.6#
279	42.2	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.15 ng/ul

RT: 26.72 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM004759.D

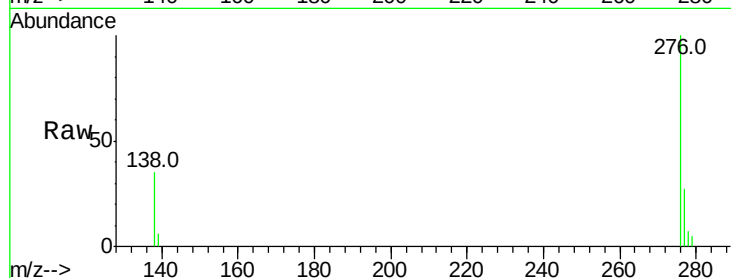
Acq: 24 Mar 2016 20:48

Instrument :

BNA_M

ClientSampleId :

A4T39



Tot Ion:	276	Resp:	4260
Ion Ratio	Lower	Upper	
276	100		
277	26.9	18.9	28.3
138	35.3	22.5	33.7

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