

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
 Data File : BM008162.D
 Acq On : 02 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H5730-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Manual Integrations
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Quant Time: Dec 03 01:13:37 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 03 00:55:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	500	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.48	136	1639	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	916	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1725m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1651	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1280m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	746	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1375m	0.28	ng/ul	-0.02
Target Compounds				Qvalue		
12) Phenanthrene	17.12	178	904m	0.17	ng/ul	
15) Fluoranthene	19.14	202	1671m	0.24	ng/ul	
17) Pyrene	19.51	202	1910	0.33	ng/ul	94
18) Benzo(a)anthracene	21.27	228	542	0.11	ng/ul#	77
19) Chrysene	21.32	228	714	0.11	ng/ul#	80
21) Benzo(b)fluoranthene	22.85	252	994m	0.19	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	354m	0.07	ng/ul	
23) Benzo(a)pyrene	23.41	252	698m	0.15	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	515m	0.09	ng/ul	
26) Benzo(g,h,i)perylene	26.47	276	536m	0.10	ng/ul	

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

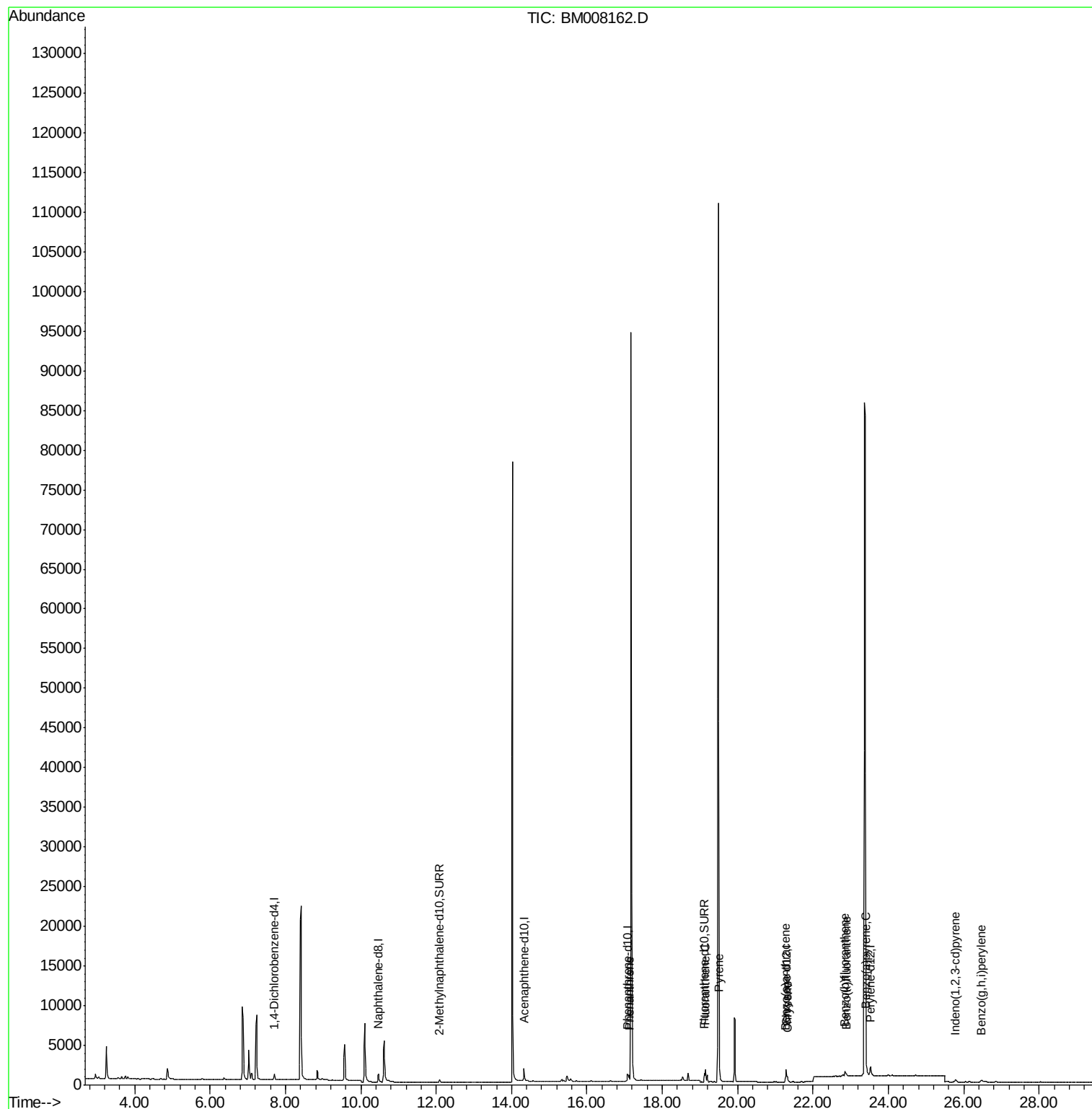
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
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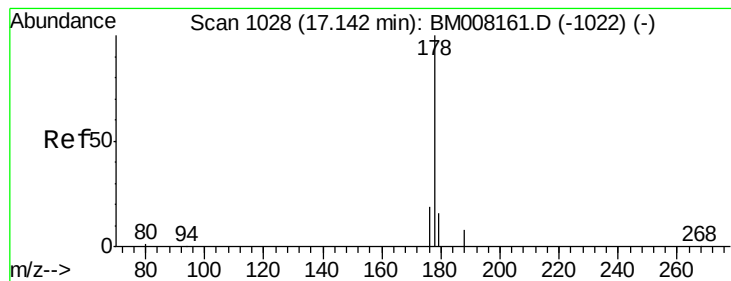
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Dec 03 01:13:37 2016
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#12

Phenanthrene

Concen: 0.17 ng/ul m

RT: 17.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BM008162.D

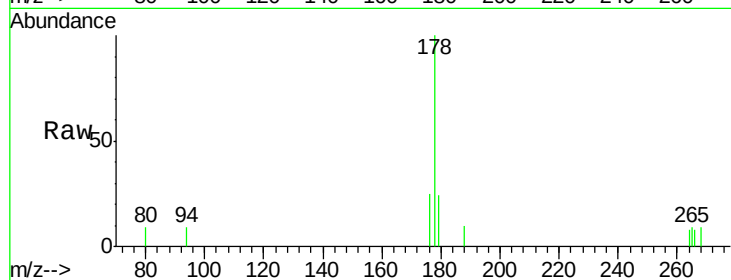
Acq: 02 Dec 2016 18:38

Instrument :

BNA_M

ClientSampleId :

A4WI3



Tgt Ion:178 Resp: 904

Ion Ratio Lower Upper

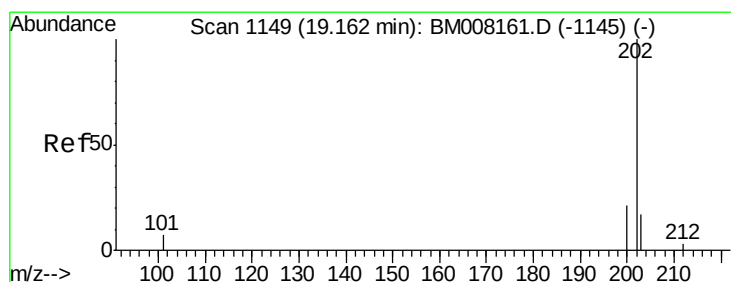
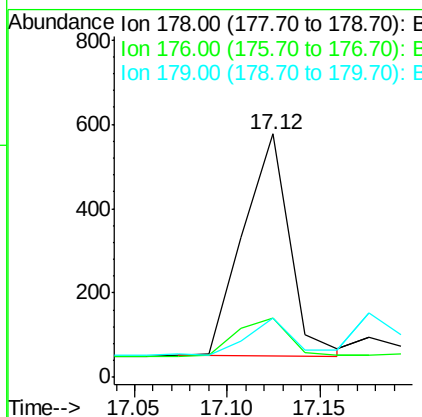
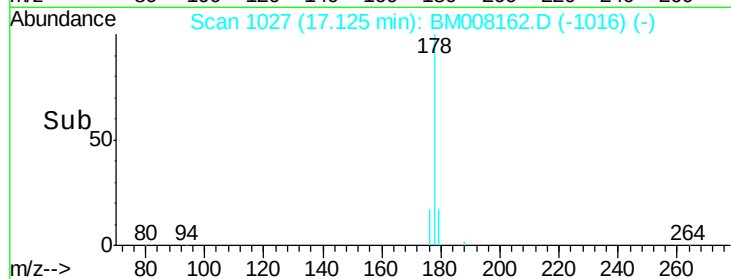
178 100

176 24.6 18.4 27.6

179 24.4 13.6 20.4#

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#15

Fluoranthene

Concen: 0.24 ng/ul m

RT: 19.14 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

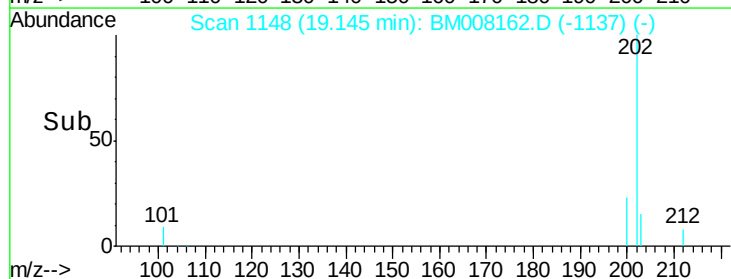
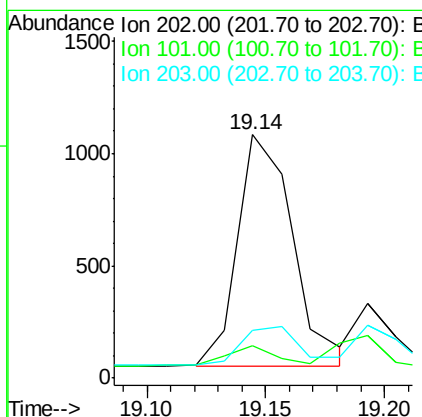
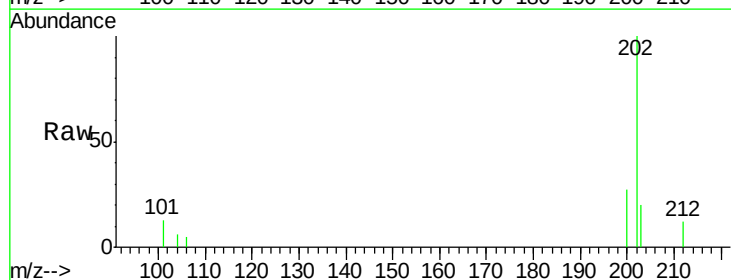
Tgt Ion:202 Resp: 1671

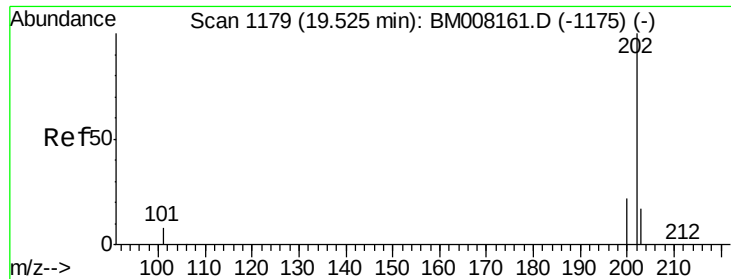
Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.3

203 19.8 0.0 39.5





#17

Pyrene

Concen: 0.33 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Instrument :

BNA_M

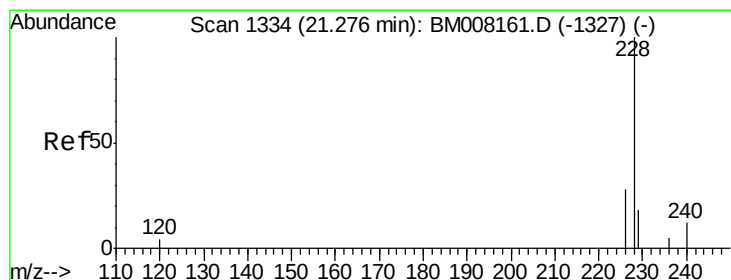
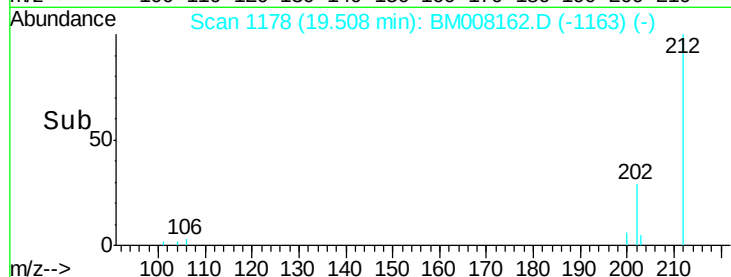
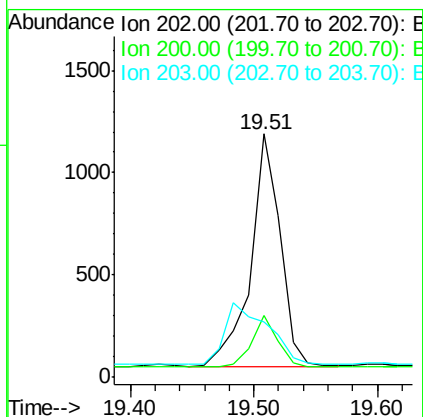
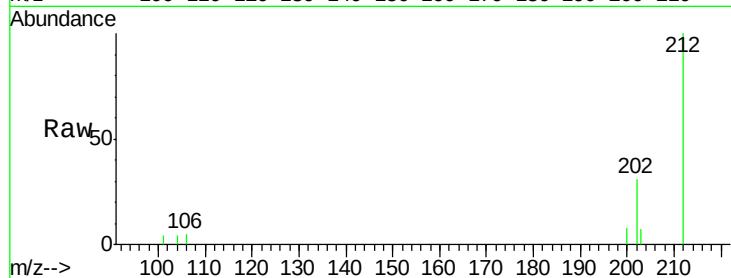
ClientSampleId :

A4WI3

Tgt Ion:	202	Resp:	1910
Ion Ratio	Lower	Upper	
202	100		
200	25.3	18.2	27.4
203	22.8	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.11 ng/ul

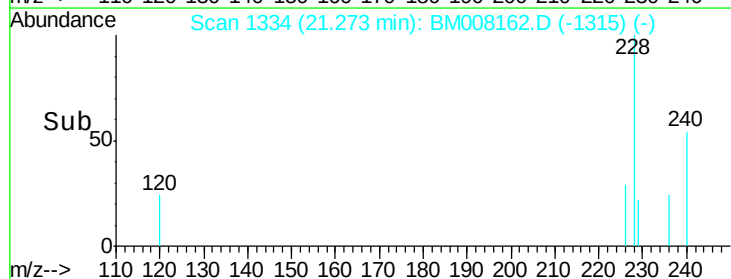
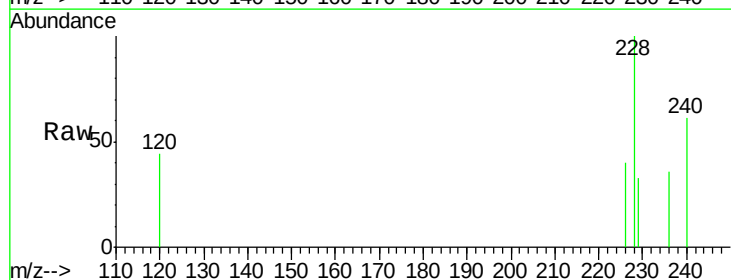
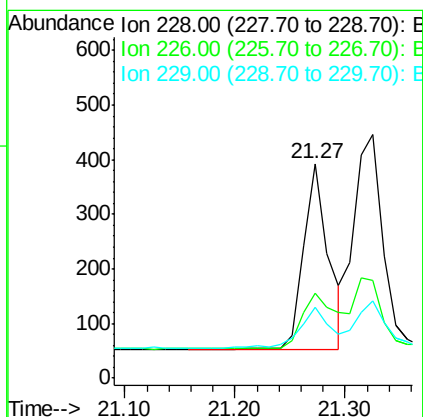
RT: 21.27 min Scan# 1334

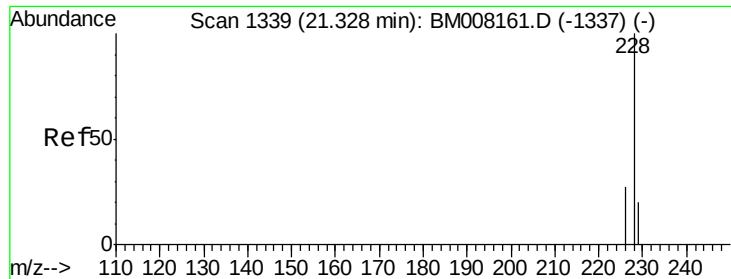
Delta R.T. -0.00 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Tgt Ion:	228	Resp:	542
Ion Ratio	Lower	Upper	
228	100		
226	39.7	22.8	34.2#
229	33.1	17.0	25.6#





#19

Chrysene

Concen: 0.11 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Instrument :

BNA_M

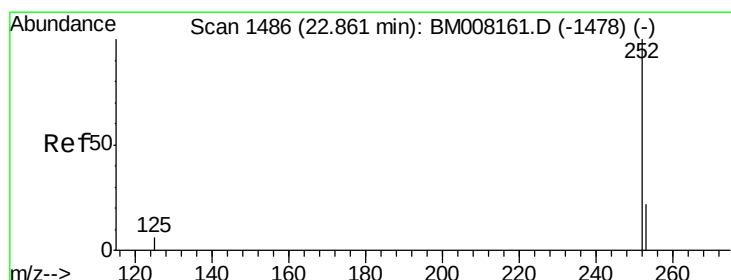
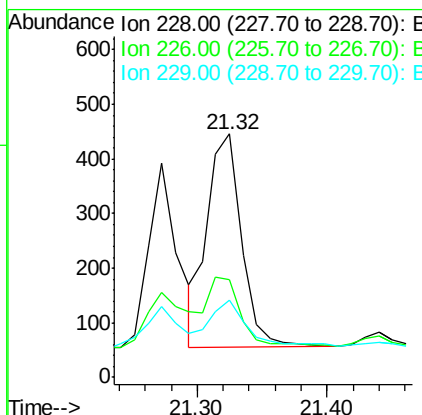
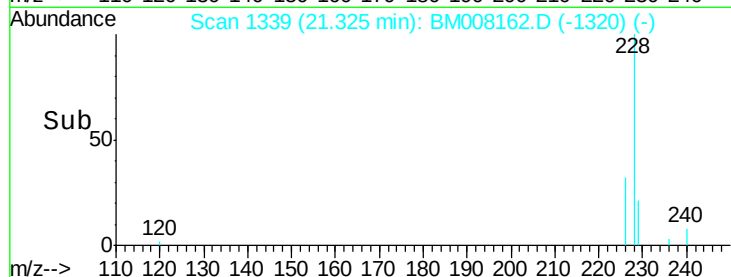
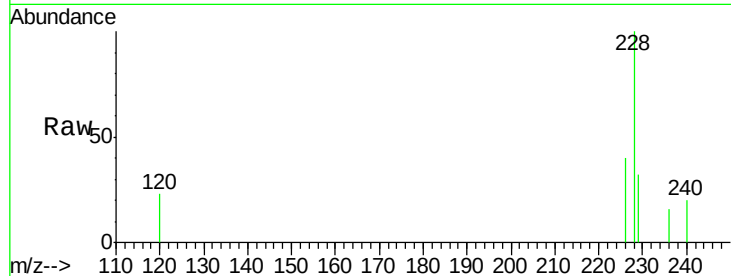
ClientSampled :

A4WI3

Tgt Ion:	228	Resp:	714
Ion Ratio	Lower	Upper	
228	100		
226	40.1	23.4	35.0#
229	31.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.19 ng/ul m

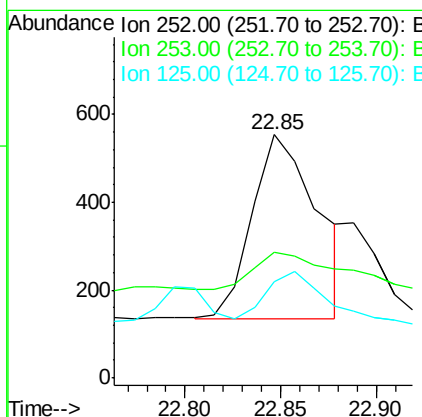
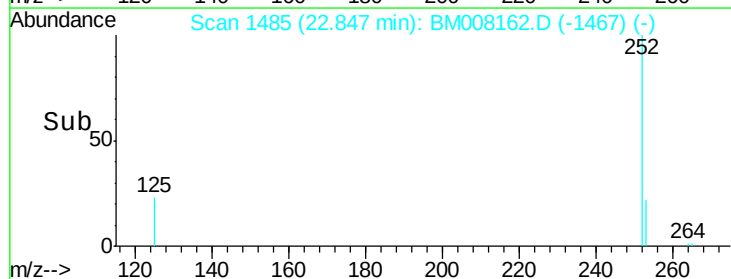
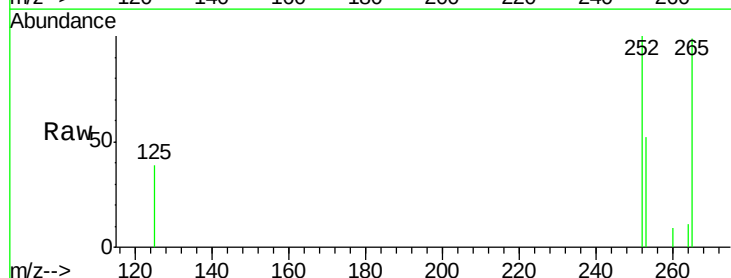
RT: 22.85 min Scan# 1485

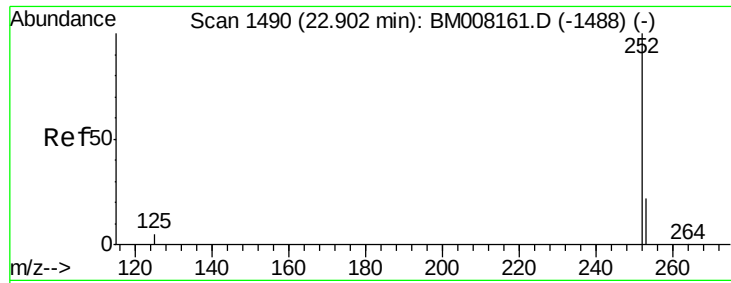
Delta R.T. -0.01 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Tgt Ion:	252	Resp:	994
Ion Ratio	Lower	Upper	
252	100		
253	51.8	0.0	64.2
125	39.4	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.07 ng/ul m

RT: 22.89 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Instrument :

BNA_M

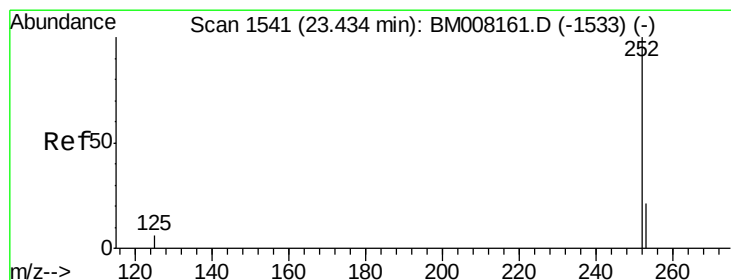
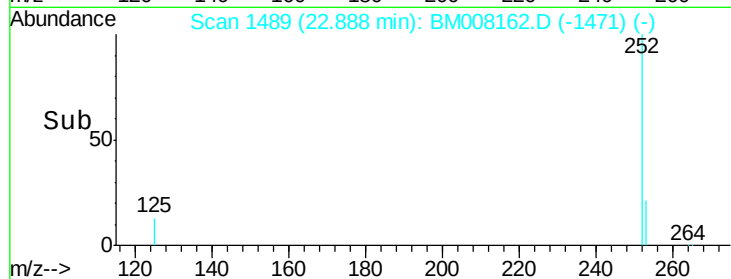
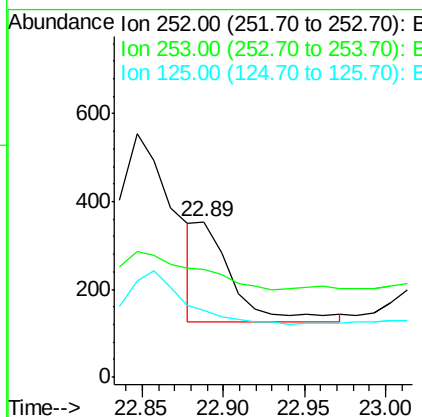
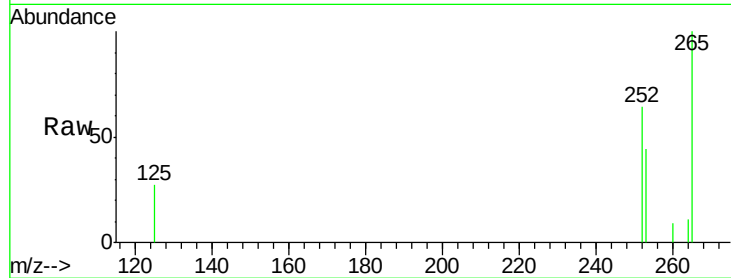
ClientSampleId :

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Tgt Ion:	252	Resp:	354
Ion Ratio	Lower	Upper	
252	100		
253	69.2	24.5	36.7#
125	42.7	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.15 ng/ul m

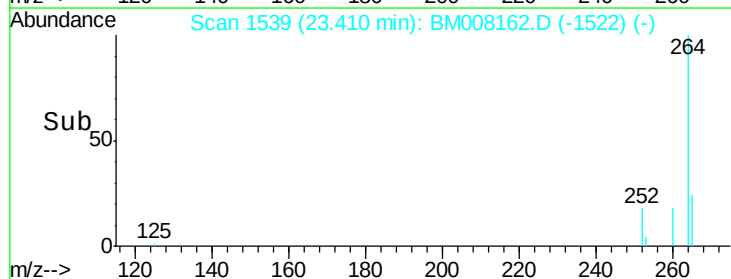
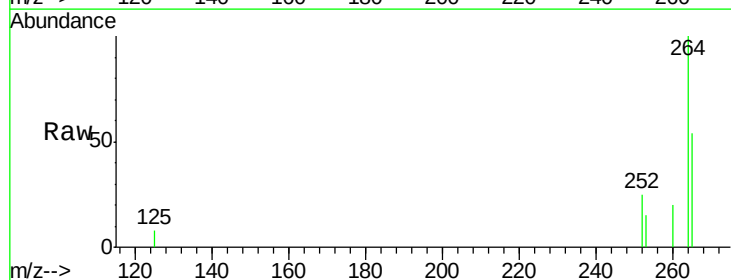
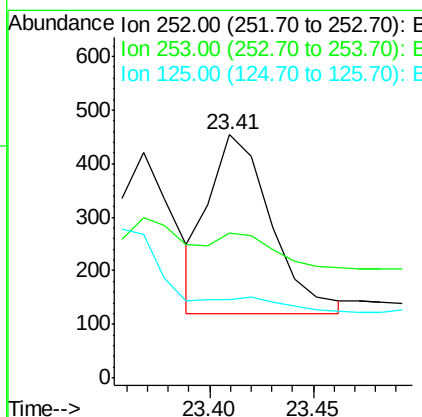
RT: 23.41 min Scan# 1539

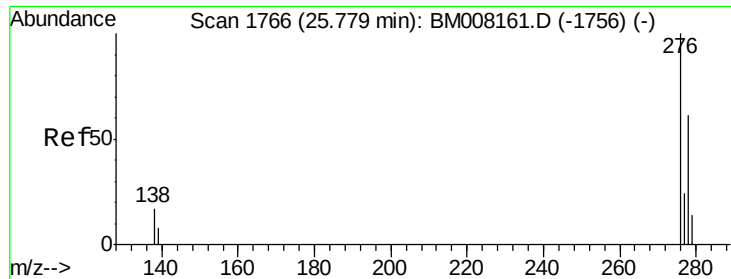
Delta R.T. -0.02 min

Lab File: BM008162.D

Acq: 02 Dec 2016 18:38

Tgt Ion:	252	Resp:	698
Ion Ratio	Lower	Upper	
252	100		
253	59.7	28.5	42.7#
125	32.4	18.1	27.1#





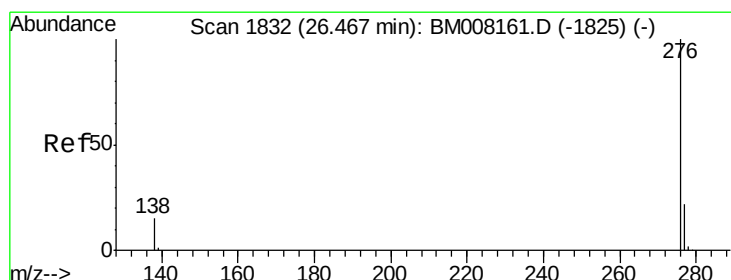
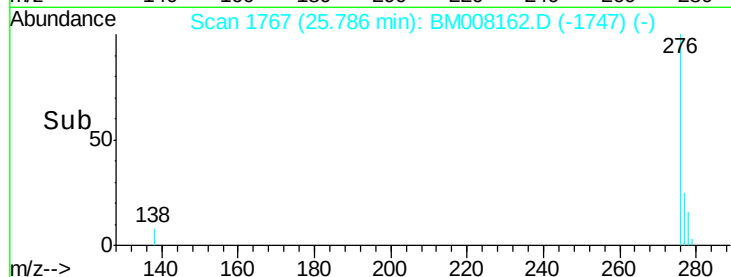
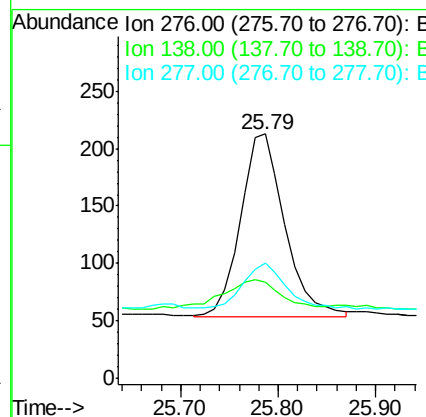
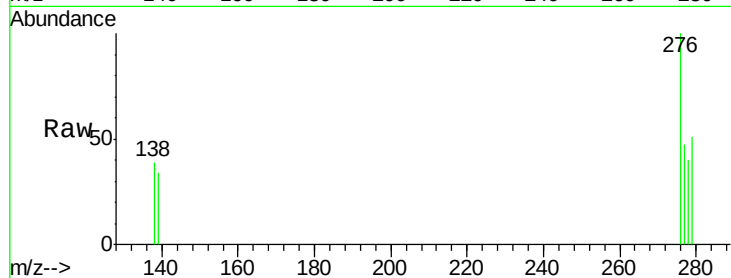
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng/ul m
 RT: 25.79 min Scan# 1767
 Delta R.T. 0.01 min
 Lab File: BM008162.D
 Acq: 02 Dec 2016 18:38

Instrument :
 BNA_M
 ClientSampleId :
 A4WI3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	174.2	19.6	29.4#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.10 ng/ul m
 RT: 26.47 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BM008162.D
 Acq: 02 Dec 2016 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	46.6	21.8	32.8#
138	43.2	20.5	30.7#

