

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008468.D
 Acq On : 20 Dec 2016 07:10
 Operator : UM/SJ
 Sample : H5970-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA846

Manual Integrations
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Quant Time: Dec 20 13:57:43 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	502	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1731	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1023	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1982m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1749	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	1534m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	695	0.26	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1635m	0.30	ng/ul	-0.03
Target Compounds						
					Ovalue	
3) Naphthalene	10.48	128	681	0.14	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	840	0.26	ng/ul	95
7) Acenaphthylene	14.01	152	922	0.20	ng/ul#	87
8) Acenaphthene	14.35	153	165	0.05	ng/ul#	83
9) Fluorene	15.34	166	230	0.06	ng/ul#	56
12) Phenanthrene	17.07	178	1639m	0.27	ng/ul	
13) Anthracene	17.18	178	1443m	0.25	ng/ul	
15) Fluoranthene	19.11	202	4524m	0.61	ng/ul	
17) Pyrene	19.47	202	6192	0.92	ng/ul	97
18) Benzo(a)anthracene	21.23	228	5207	0.91	ng/ul	94
19) Chrysene	21.28	228	4591	0.73	ng/ul	92
21) Benzo(b)fluoranthene	22.80	252	9614m	1.59	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	3686m	0.63	ng/ul	
23) Benzo(a)pyrene	23.37	252	6580m	1.17	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.70	276	4356m	0.65	ng/ul	
26) Benzo(a,h,i)perylene	26.38	276	3529m	0.62	ng/ul	

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

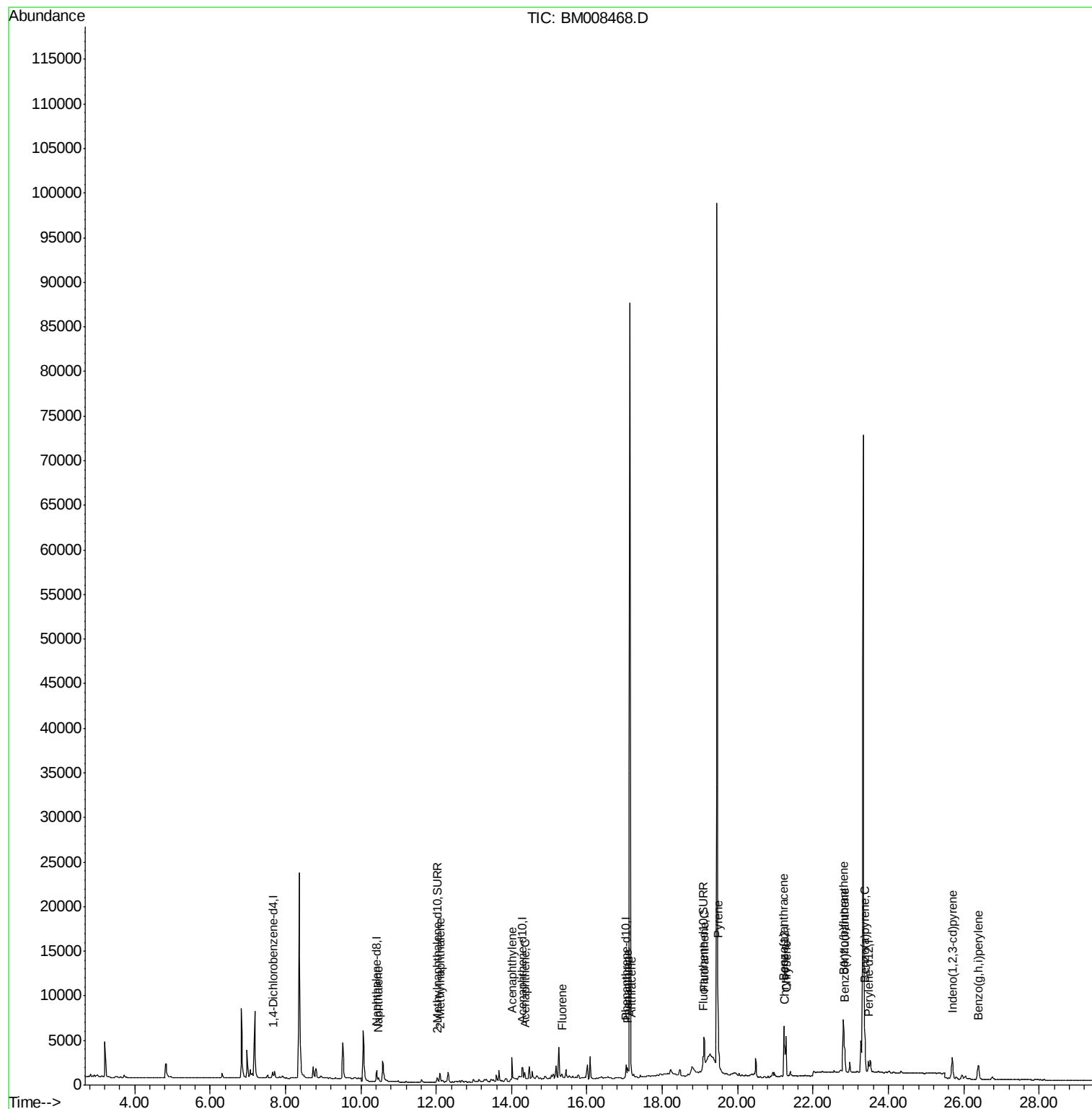
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
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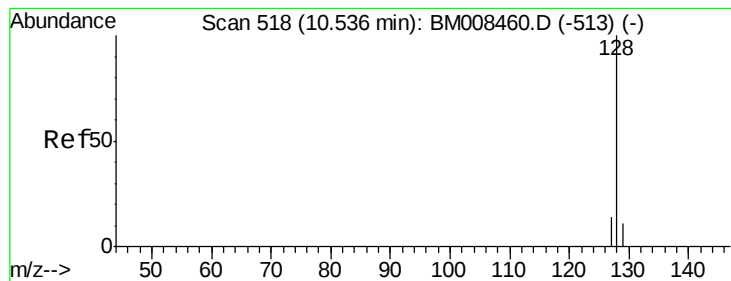
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Tue Dec 20 04:48:59 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Instrument :

BNA_M

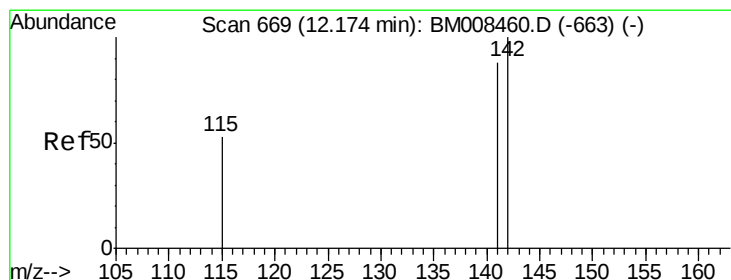
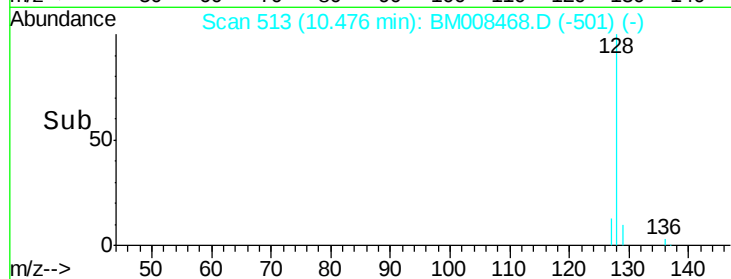
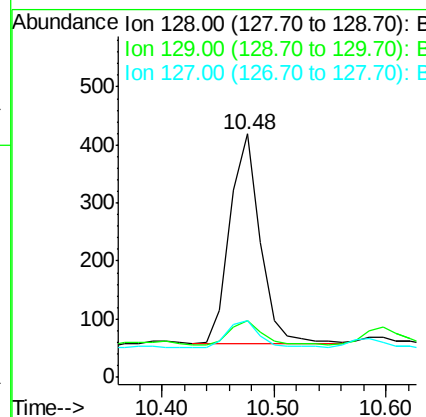
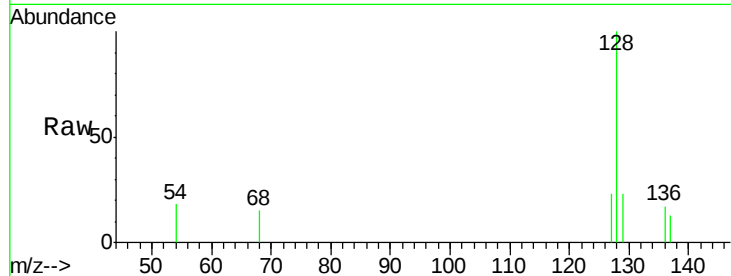
ClientSampleId :

DA846

Tot Ion:	128	Resp:	681
Ion	Ratio	Lower	Upper
128	100		
129	23.2	11.3	16.9#
127	23.2	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.26 ng/ul

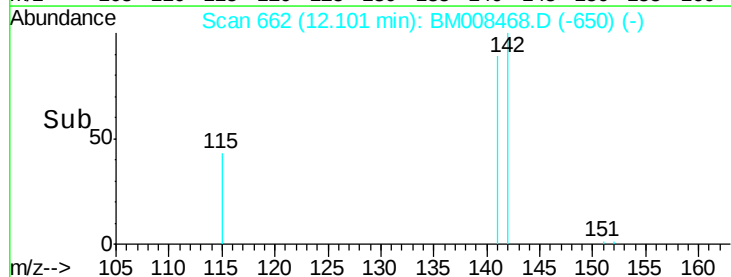
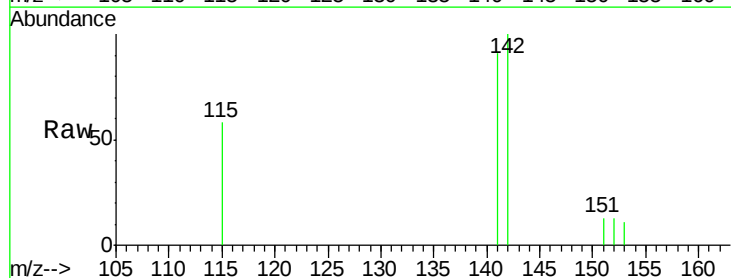
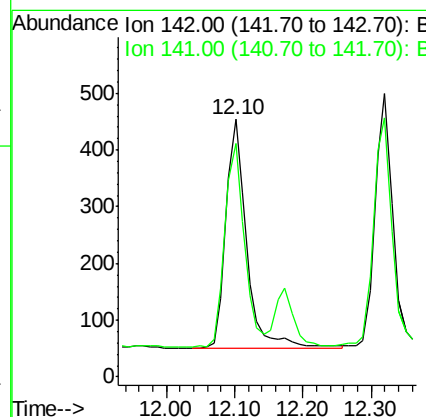
RT: 12.10 min Scan# 662

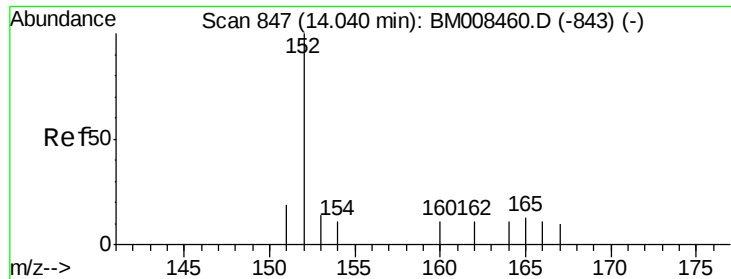
Delta R.T. -0.07 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Tgt Ion:	142	Resp:	840
Ion	Ratio	Lower	Upper
142	100		
141	85.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Instrument :

BNA_M

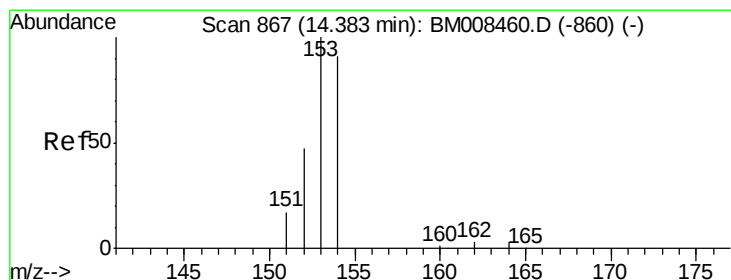
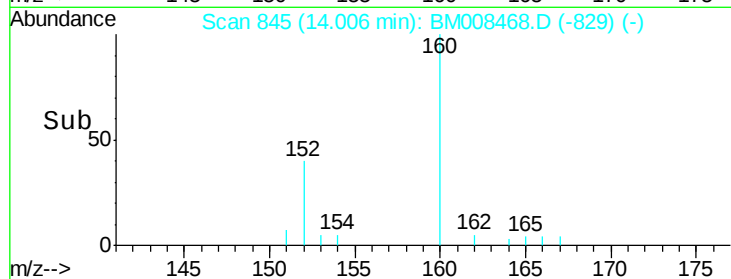
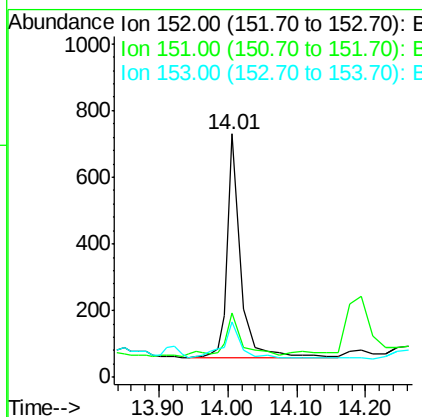
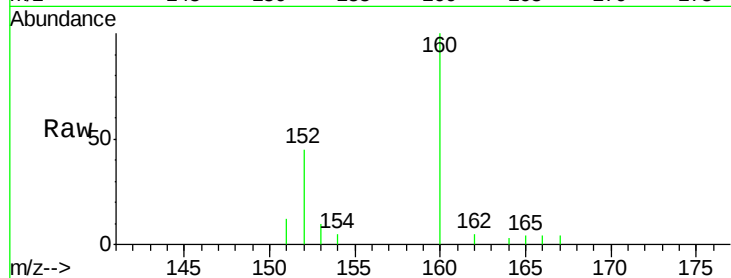
ClientSampled :

DA846

Tot Ion:	152	Resp:	922
Ion Ratio	Lower	Upper	
152	100		
151	26.6	17.1	25.7#
153	23.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.05 ng/ul

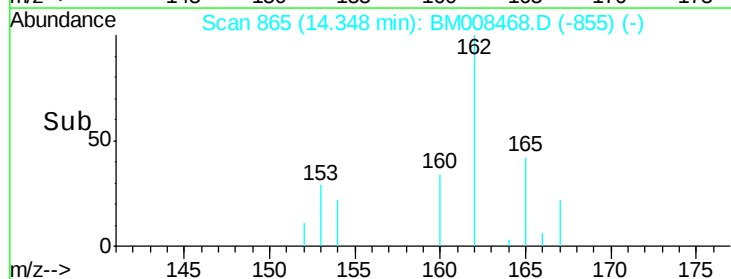
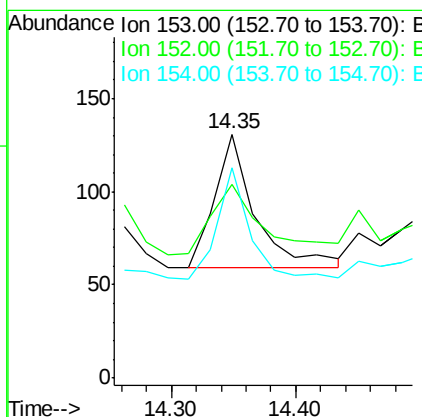
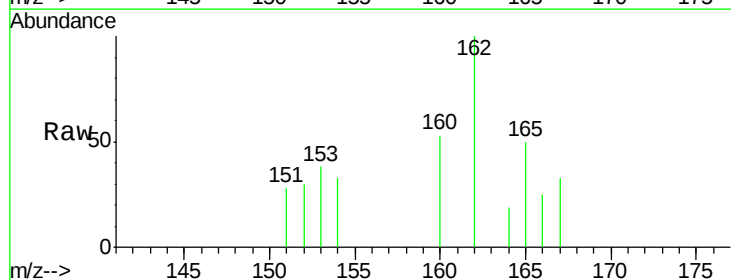
RT: 14.35 min Scan# 865

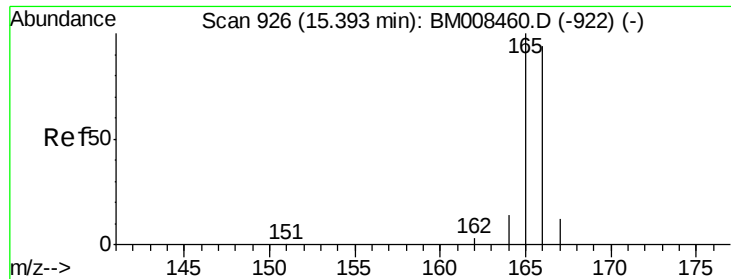
Delta R.T. -0.03 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Tgt Ion:	153	Resp:	165
Ion Ratio	Lower	Upper	
153	100		
152	79.4	40.3	60.5#
154	86.3	71.4	107.2





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Instrument :

BNA_M

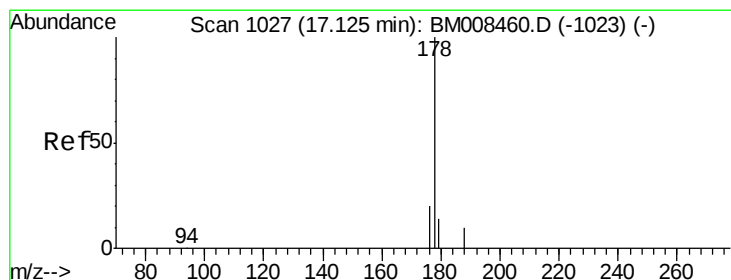
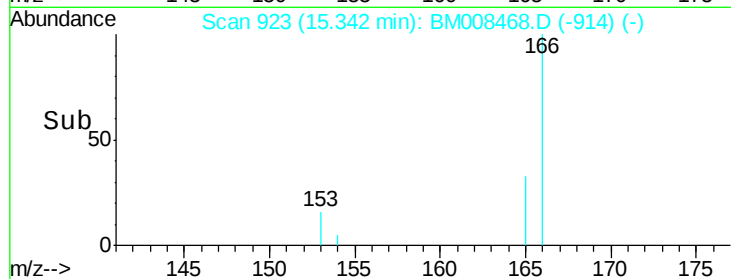
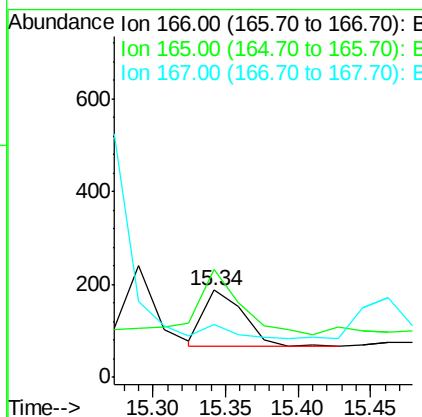
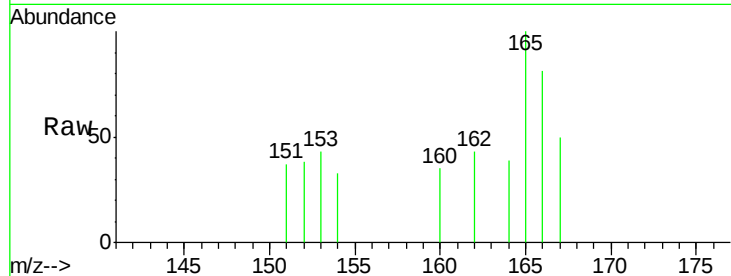
ClientSampled :

DA846

Tot Ion:	166	Resp:	230
Ion Ratio	Lower	Upper	
166	100		
165	123.4	73.4	110.2#
167	61.2	14.6	22.0#

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#12

Phenanthrene

Concen: 0.27 ng/ul m

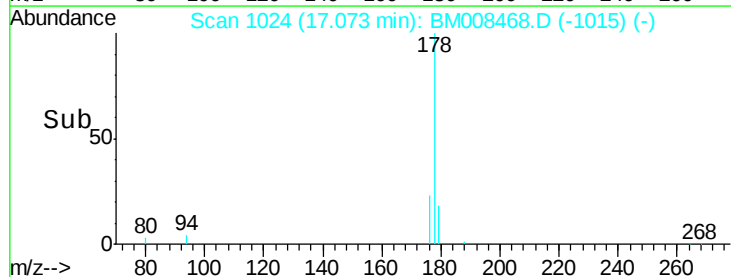
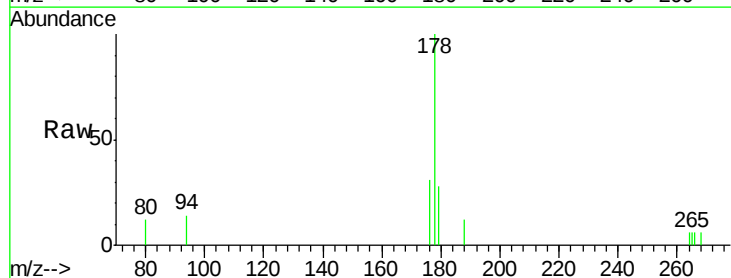
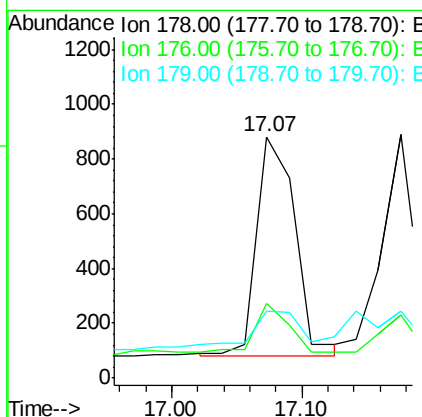
RT: 17.07 min Scan# 1024

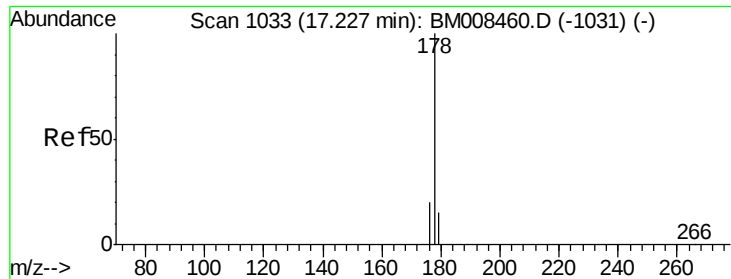
Delta R.T. -0.05 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Tgt Ion:	178	Resp:	1639
Ion Ratio	Lower	Upper	
178	100		
176	31.0	18.4	27.6#
179	27.9	13.6	20.4#





#13

Anthracene

Concen: 0.25 ng/ul m

RT: 17.18 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Instrument :

BNA_M

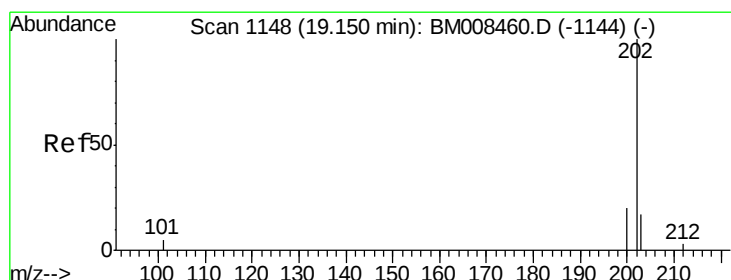
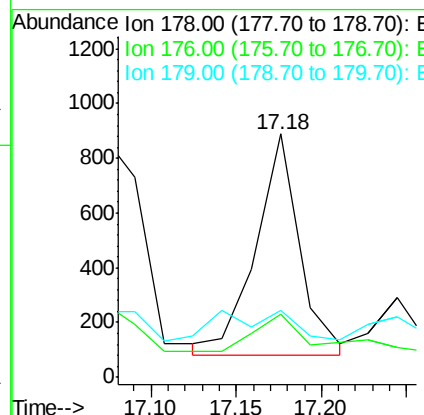
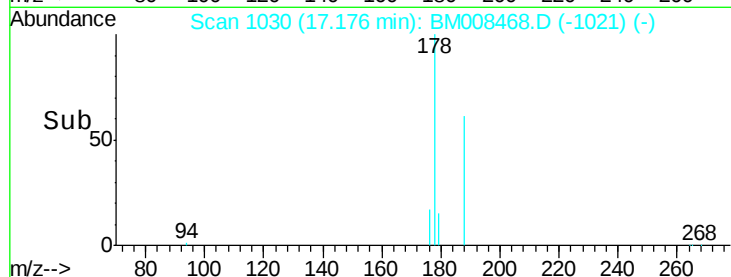
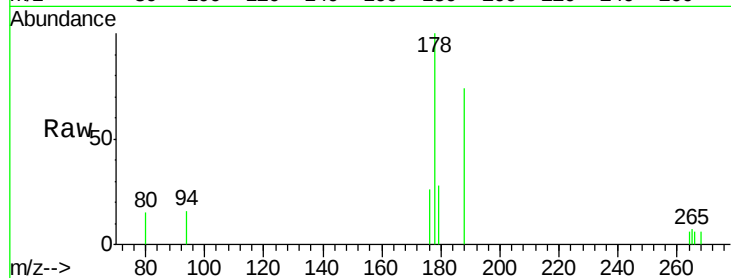
ClientSampled :

DA846

Tot Ion:	178	Resp:	1443
Ion Ratio	Lower	Upper	
178	100		
176	26.0	18.1	27.1
179	27.7	14.7	22.1#

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#15

Fluoranthene

Concen: 0.61 ng/ul m

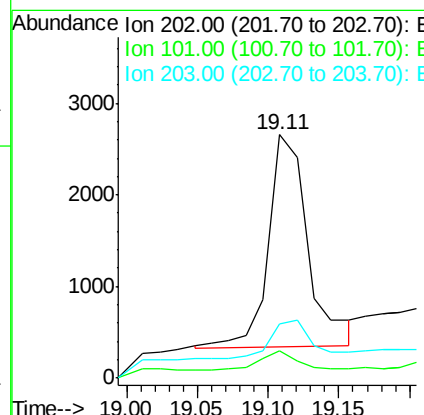
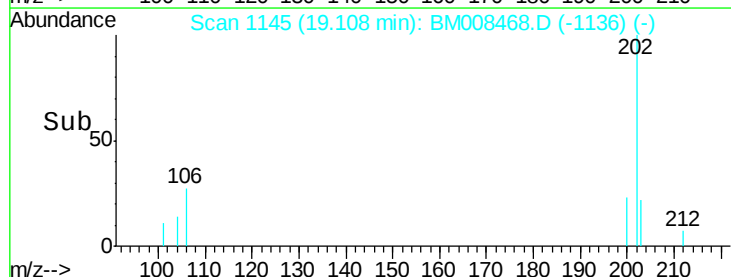
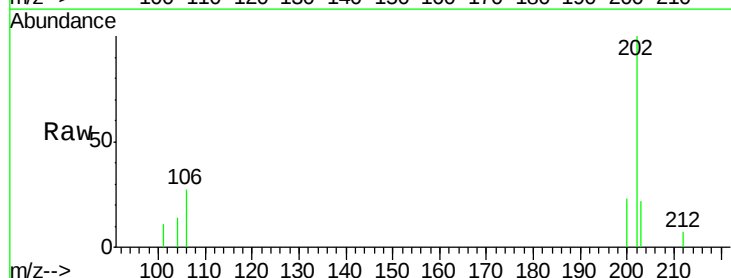
RT: 19.11 min Scan# 1145

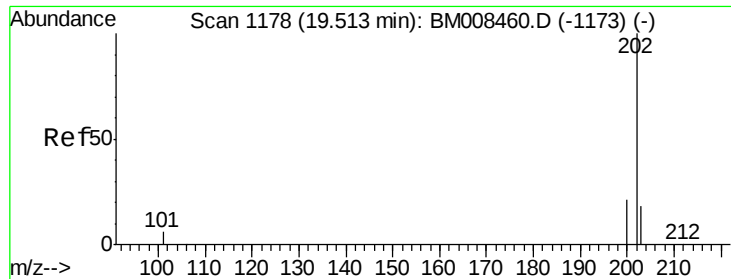
Delta R.T. -0.04 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Tgt Ion:	202	Resp:	4524
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
203	22.4	0.0	39.5





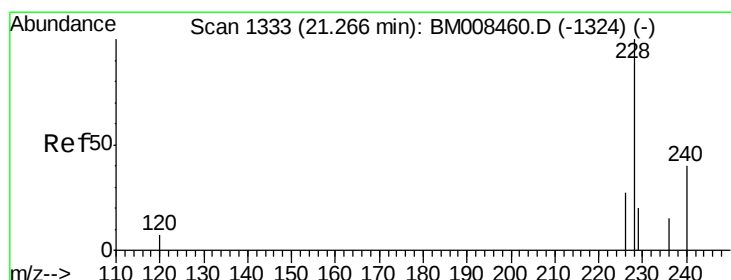
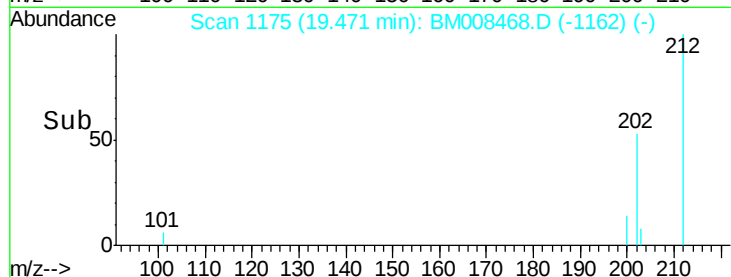
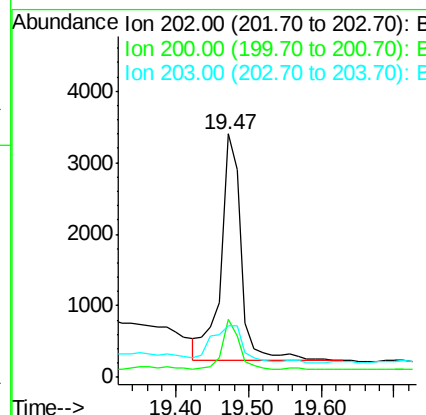
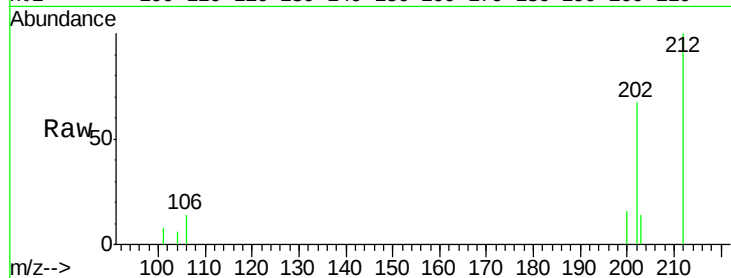
#17
Pvrene
Concen: 0.92 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008468.D
Acq: 20 Dec 2016 07:10

Instrument :
BNA_M
ClientSampleId :
DA846

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.2	27.4
203	21.4	15.6	23.4

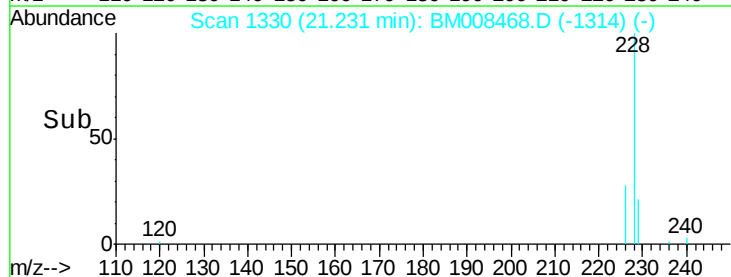
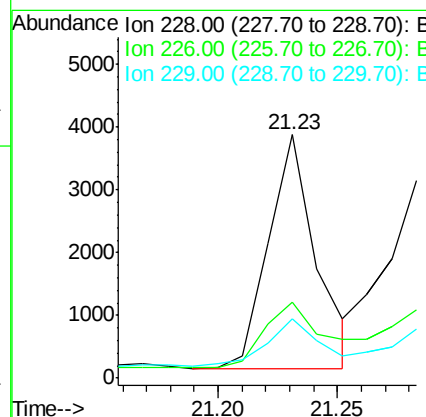
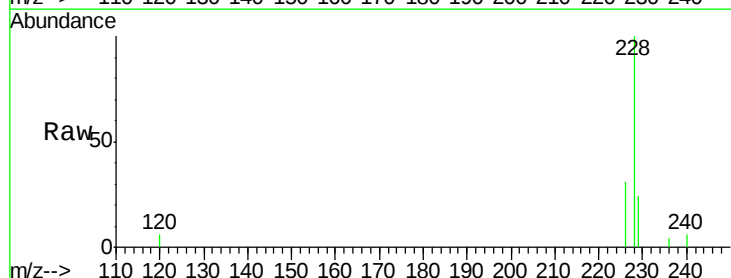
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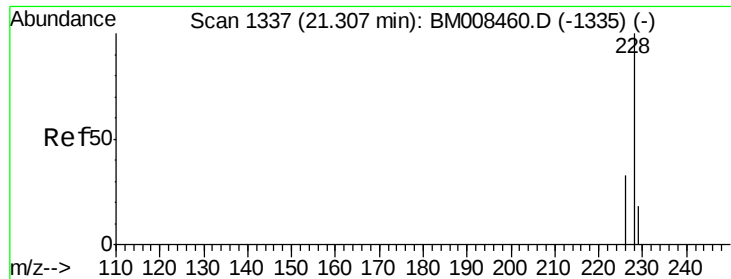
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#18
Benzo(a)anthracene
Concen: 0.91 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BM008468.D
Acq: 20 Dec 2016 07:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.8	34.2
229	24.3	17.0	25.6





#19

Chrysene

Concen: 0.73 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Instrument :

BNA_M

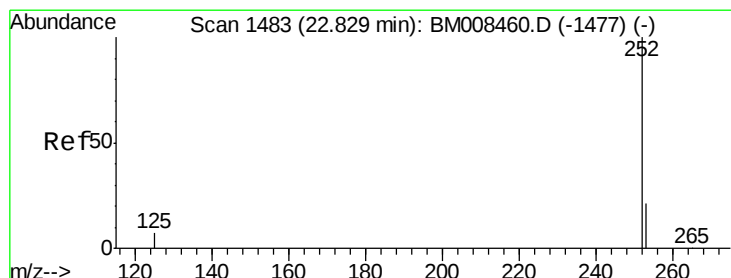
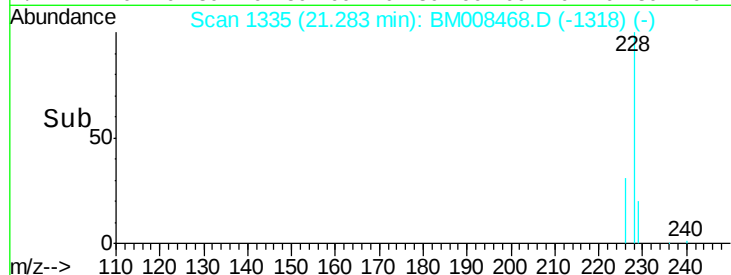
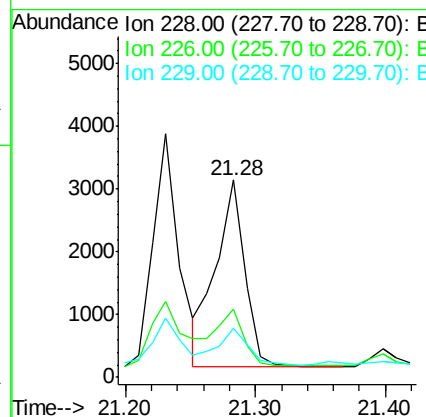
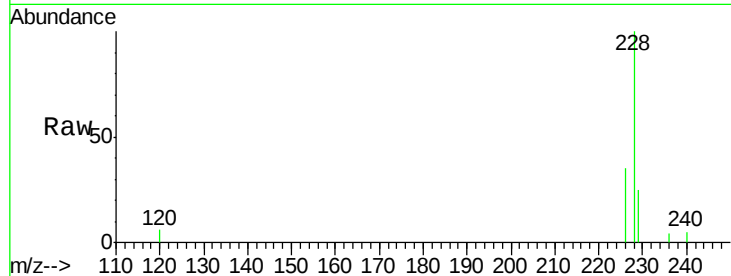
ClientSampled :

DA846

Tot Ion:	228	Resp:	4591
Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.4	35.0
229	25.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.59 ng/ul m

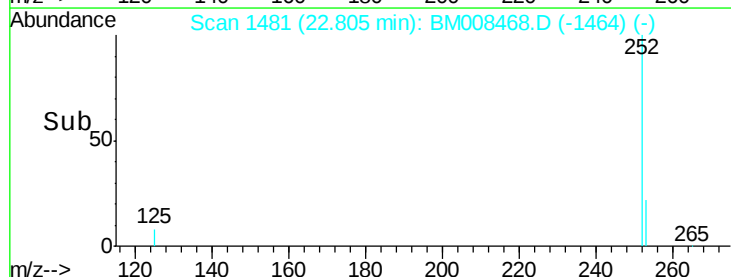
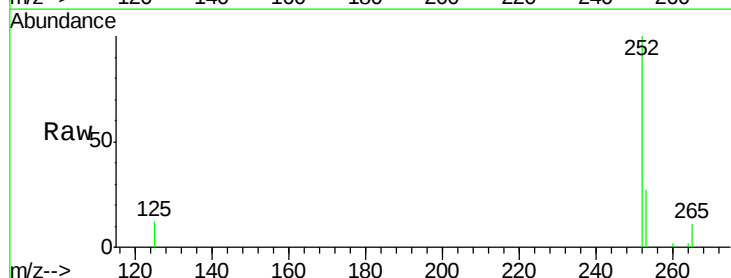
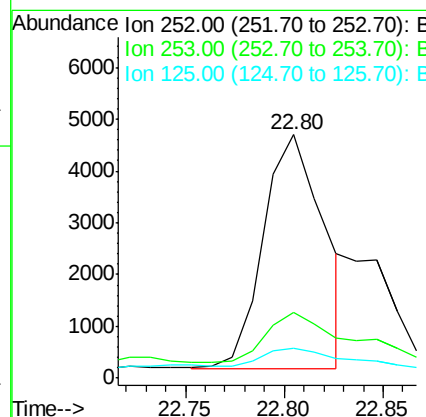
RT: 22.80 min Scan# 1481

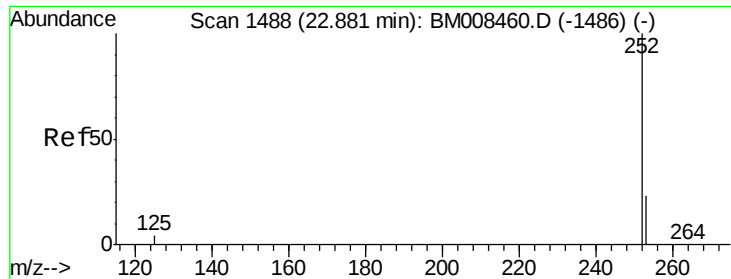
Delta R.T. -0.02 min

Lab File: BM008468.D

Acq: 20 Dec 2016 07:10

Tgt Ion:	252	Resp:	9614
Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	64.2
125	12.3	0.0	35.0





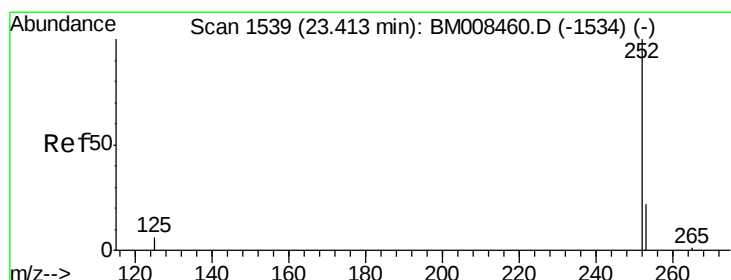
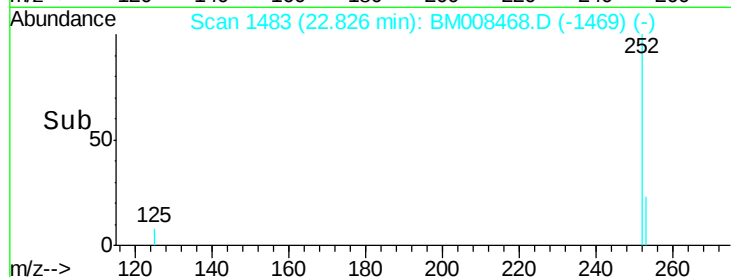
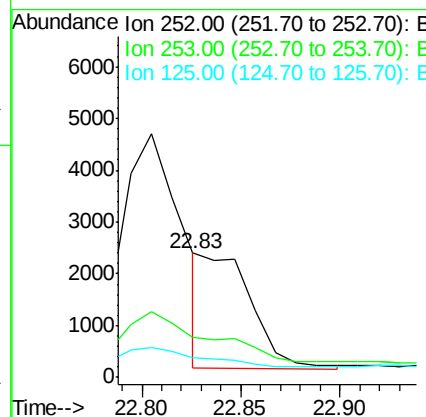
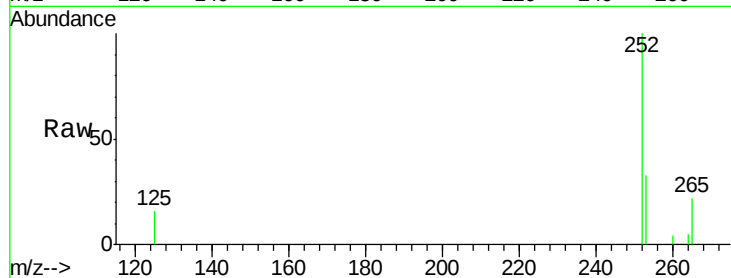
#22
Benzo(k)fluoranthene
Concen: 0.63 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. -0.06 min
Lab File: BM008468.D
Acq: 20 Dec 2016 07:10

Instrument :
BNA_M
ClientSampleId :
DA846

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.7	24.5	36.7
125	15.7	13.7	20.5

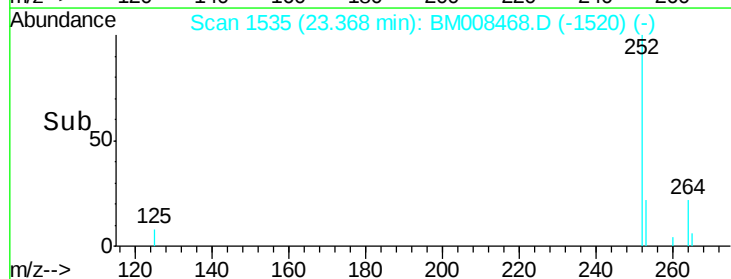
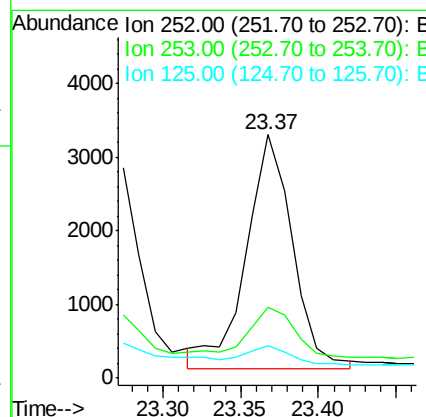
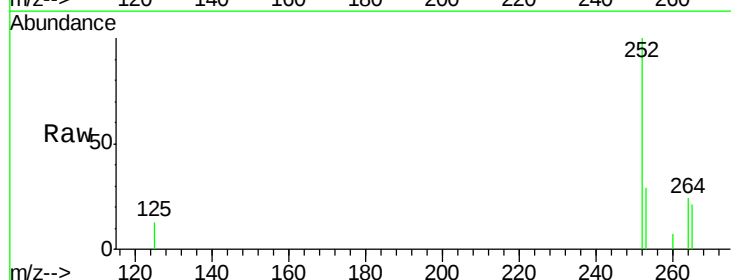
Manual Integrations
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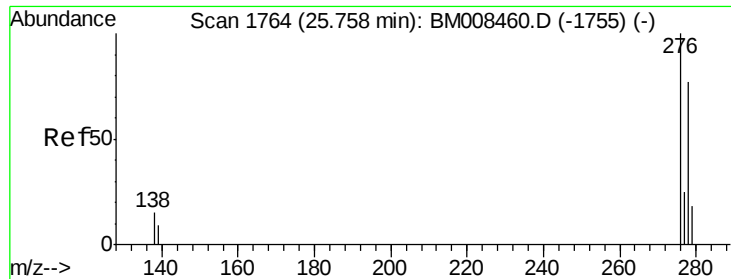
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#23
Benzo(a)pyrene
Concen: 1.17 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.05 min
Lab File: BM008468.D
Acq: 20 Dec 2016 07:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	28.5	42.7
125	13.4	18.1	27.1#





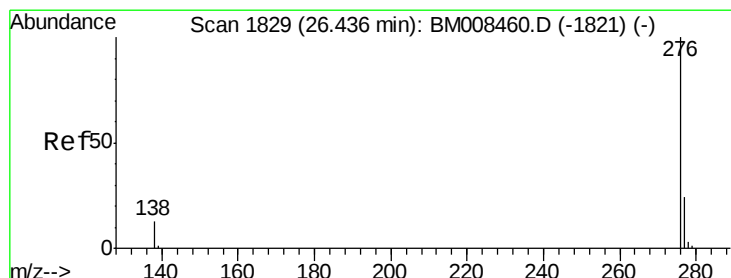
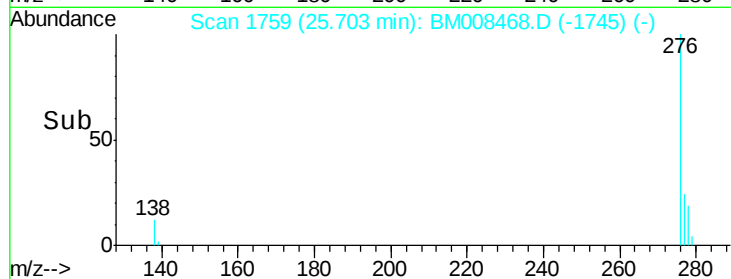
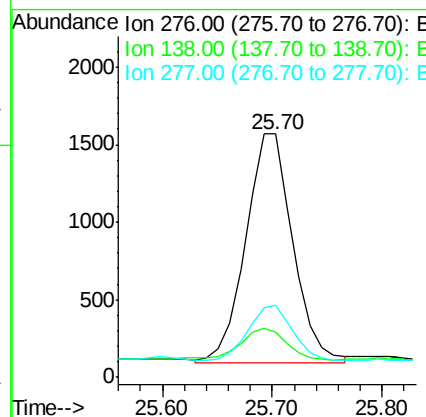
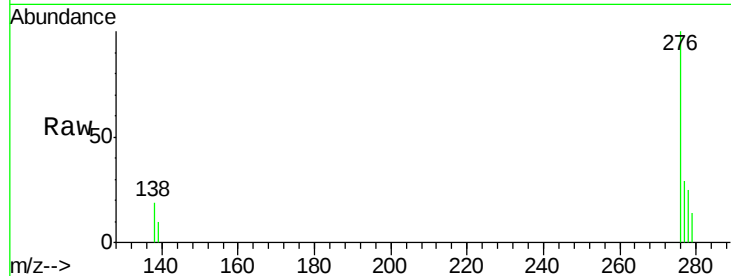
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.65 ng/ul m
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.06 min
 Lab File: BM008468.D
 Acq: 20 Dec 2016 07:10

Instrument :
 BNA_M
 ClientSampleId :
 DA846

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

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:31:42 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.62 ng/ul m
 RT: 26.38 min Scan# 1824
 Delta R.T. -0.06 min
 Lab File: BM008468.D
 Acq: 20 Dec 2016 07:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.7	21.8	32.8
138	23.1	20.5	30.7

