

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008620.D
 Acq On : 24 Dec 2016 06:58
 Operator : UM/SJ
 Sample : H6069-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Manual Integrations
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Quant Time: Dec 25 01:25:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 04:56:03 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	-0.08
2) Naphthalene-d8	10.43	136	1651	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	966	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1708m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1708	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1386m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	561	0.22	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	991	0.21	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	5698	1.23	ng/ul	97
5) 2-Methylnaphthalene	12.11	142	1850	0.59	ng/ul	100
7) Acenaphthylene	14.01	152	639	0.15	ng/ul#	77
8) Acenaphthene	14.35	153	225	0.07	ng/ul#	86
9) Fluorene	15.34	166	175	0.05	ng/ul#	75
12) Phenanthrene	17.07	178	3241	0.62	ng/ul	100
13) Anthracene	17.18	178	737m	0.15	ng/ul	
15) Fluoranthene	19.11	202	5904	0.92	ng/ul	96
17) Pyrene	19.47	202	5686	0.86	ng/ul	98
18) Benzo(a)anthracene	21.24	228	4297m	0.77	ng/ul	
19) Chrysene	21.29	228	4143	0.67	ng/ul	95
21) Benzo(b)fluoranthene	22.80	252	9174m	1.68	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	2266m	0.43	ng/ul	
23) Benzo(a)pyrene	23.37	252	5807m	1.15	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	6008m	1.00	ng/ul	
25) Dibenzo(a,h)anthracene	25.70	278	1242m	0.26	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	5693m	1.10	ng/ul	

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

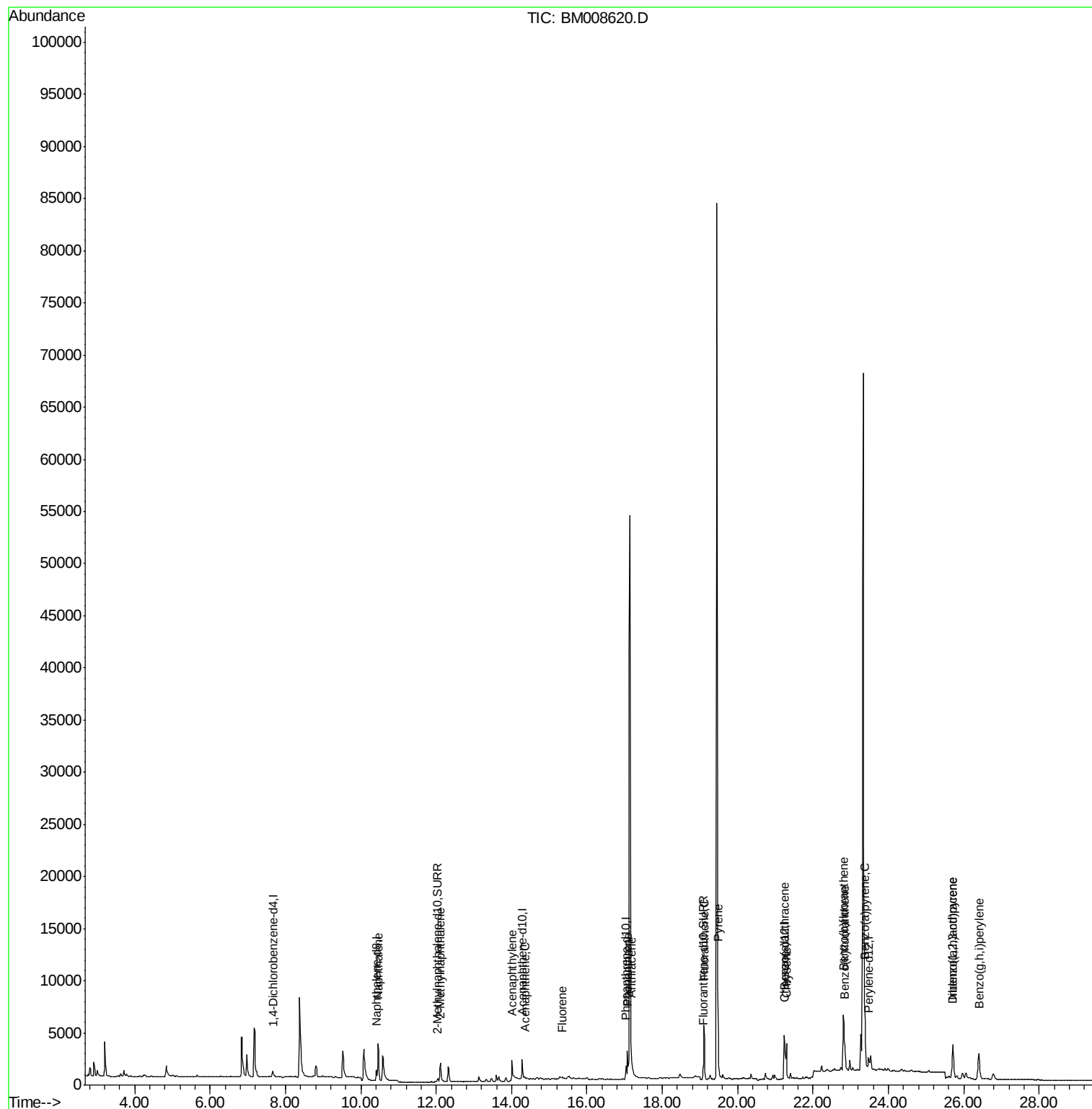
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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ALS Vial : 26 Sample Multiplier: 1

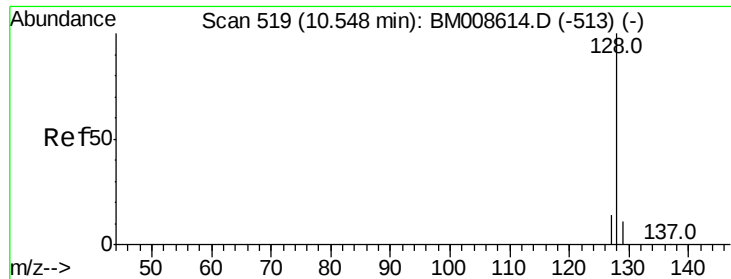
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Sat Dec 24 04:56:03 2016
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#3

Naphthalene

Concen: 1.23 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

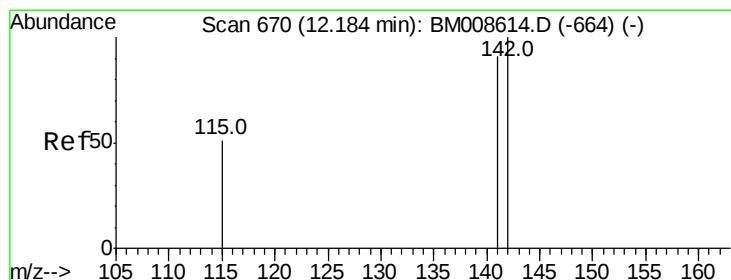
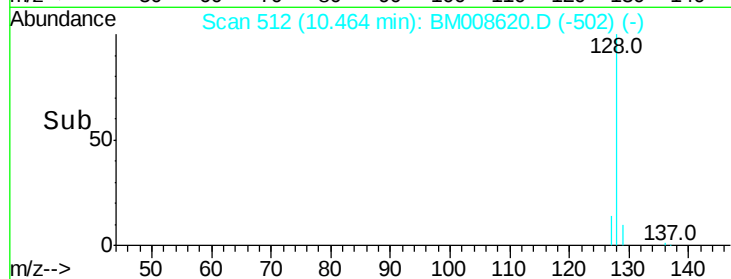
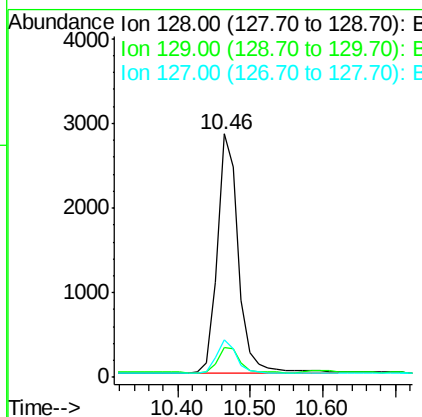
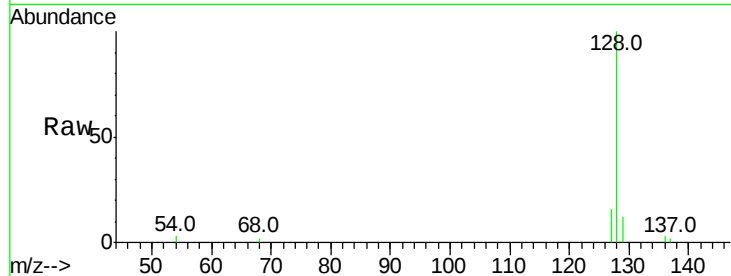
ClientSampleId :

DA8X8

Tot Ion:	128	Resp:	5698
Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	15.5	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 0.59 ng/ul

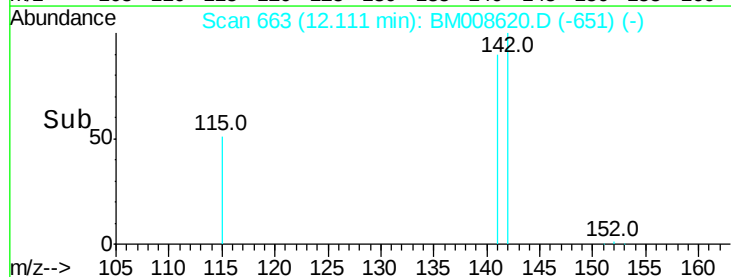
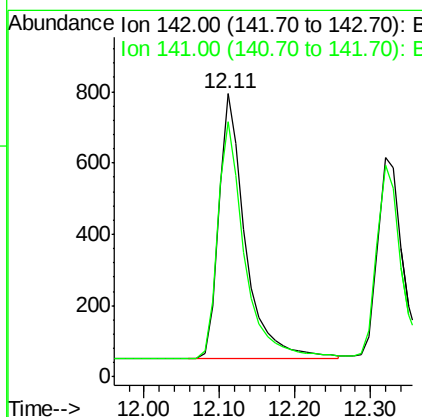
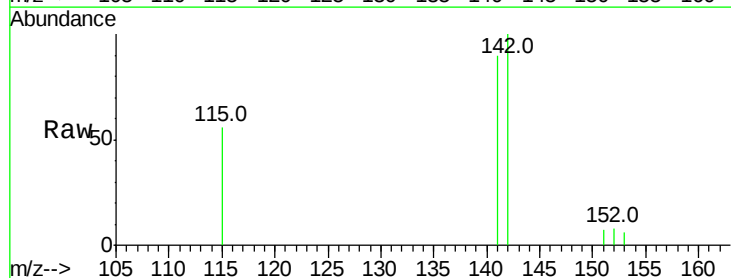
RT: 12.11 min Scan# 663

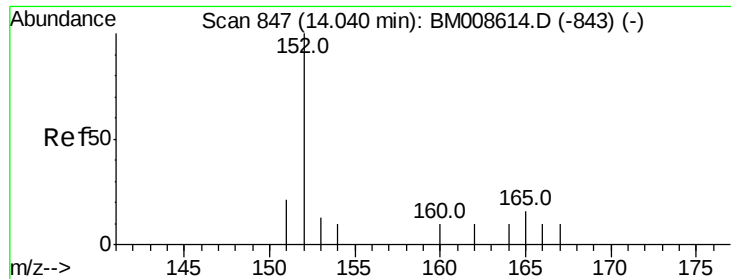
Delta R.T. -0.07 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Tgt Ion:	142	Resp:	1850
Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

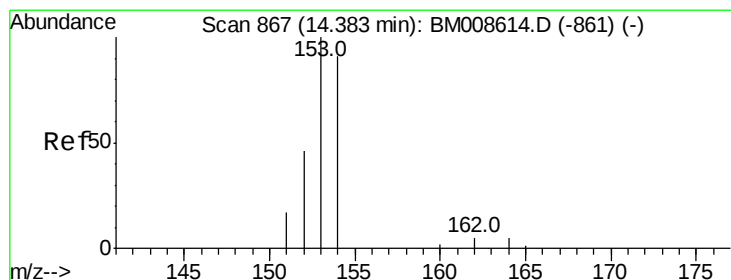
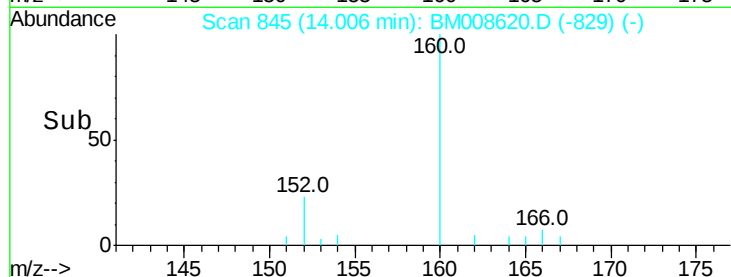
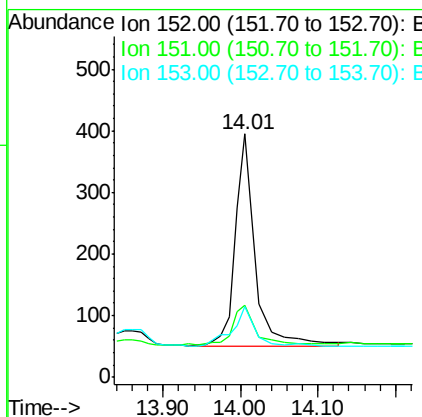
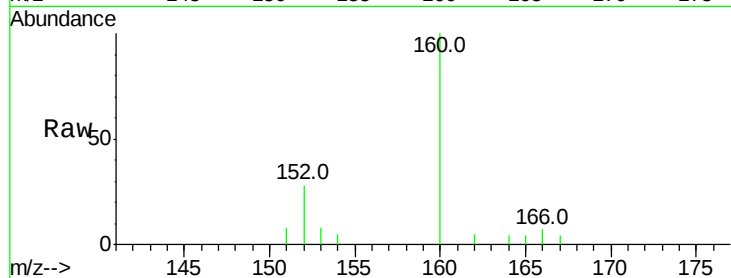
ClientSampleId :

DA8X8

Tot Ion:	152	Resp:	639
Ion Ratio	Lower	Upper	
152	100		
151	29.6	17.1	25.7#
153	28.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.07 ng/ul

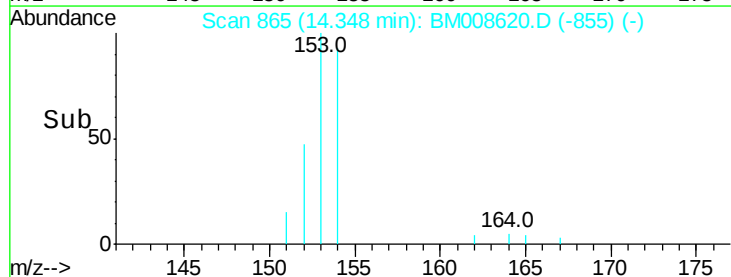
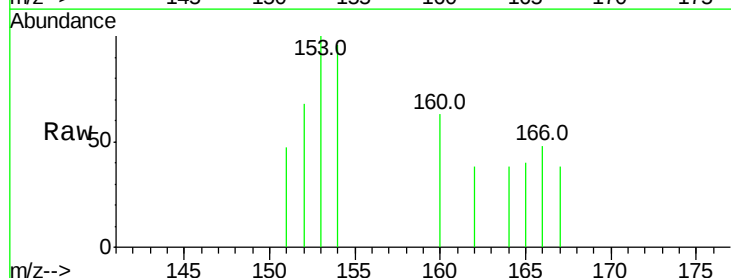
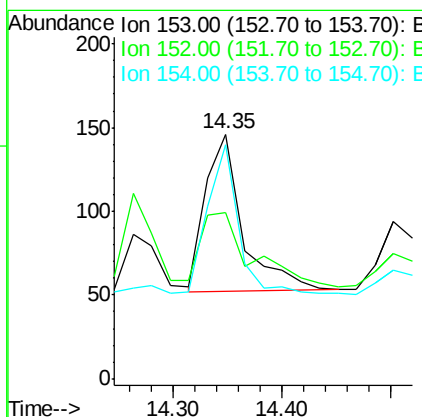
RT: 14.35 min Scan# 865

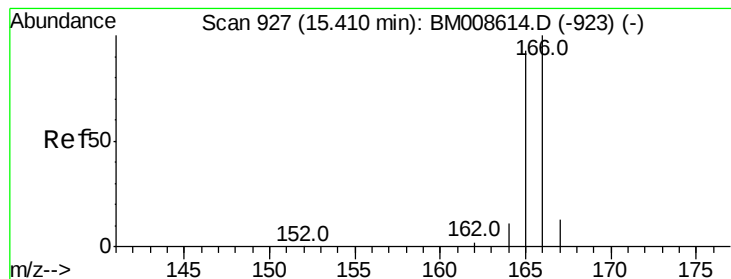
Delta R.T. -0.03 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Tgt Ion:	153	Resp:	225
Ion Ratio	Lower	Upper	
153	100		
152	67.8	40.3	60.5#
154	95.9	71.4	107.2





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

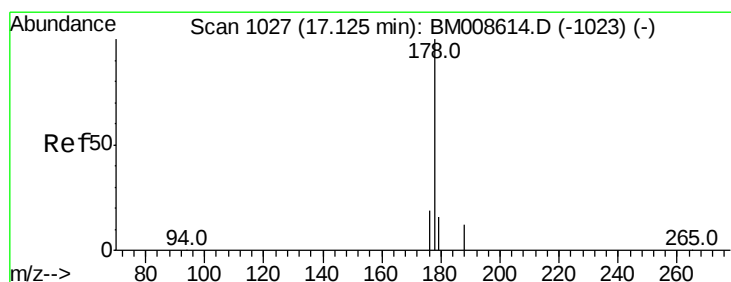
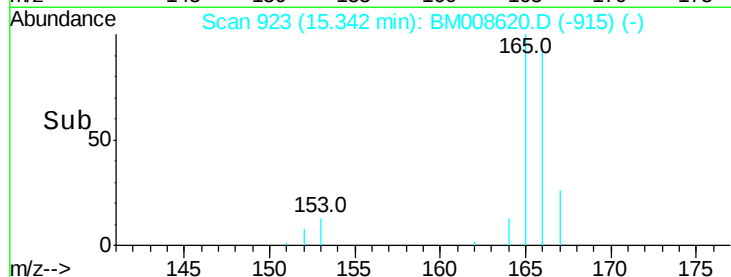
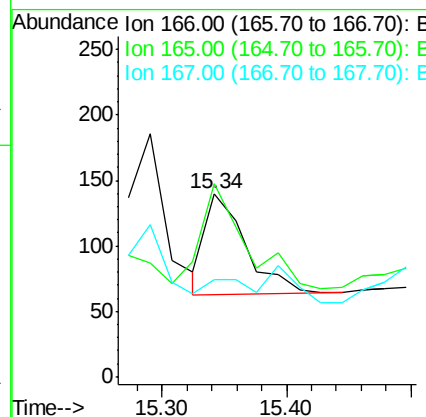
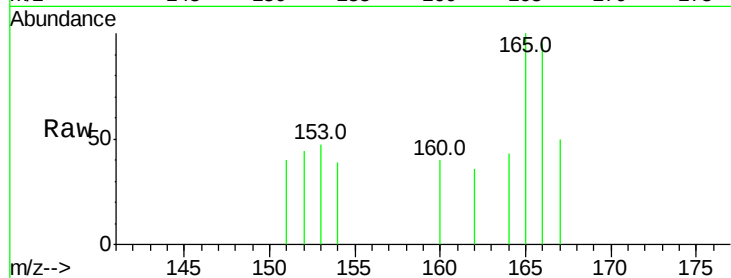
ClientSampleId :

DA8X8

Tot Ion:	166	Resp:	175
Ion Ratio	Lower	Upper	
166	100		
165	105.7	73.4	110.2
167	52.9	14.6	22.0#

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#12

Phenanthrene

Concen: 0.62 ng/ul

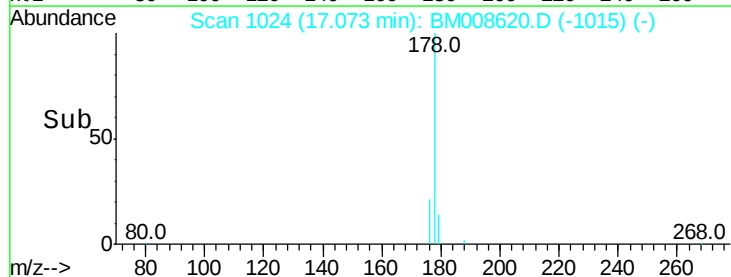
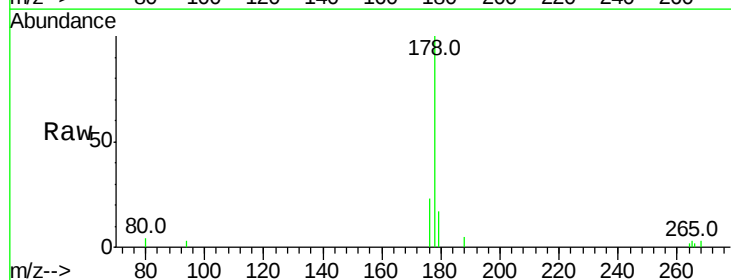
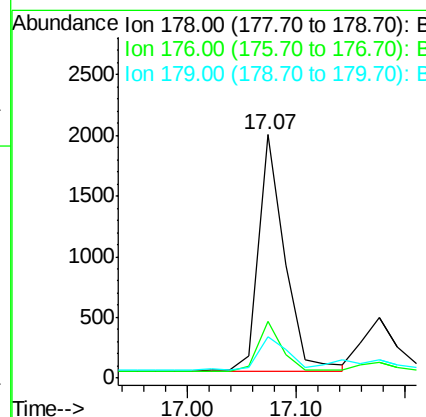
RT: 17.07 min Scan# 1024

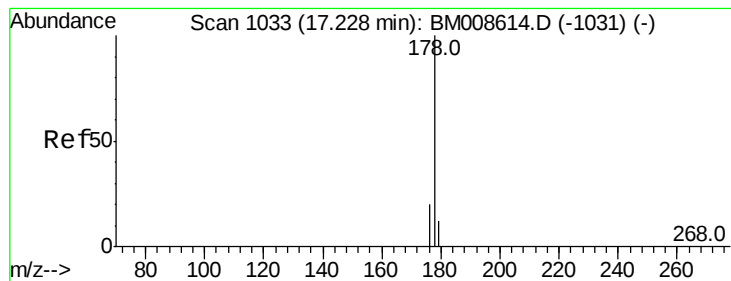
Delta R.T. -0.05 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Tgt Ion:	178	Resp:	3241
Ion Ratio	Lower	Upper	
178	100		
176	23.2	18.4	27.6
179	16.9	13.6	20.4





#13

Anthracene

Concen: 0.15 ng/ul m

RT: 17.18 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

ClientSampleId :

DA8X8

Tot Ion:178 Resp: 737

Ion Ratio Lower Upper

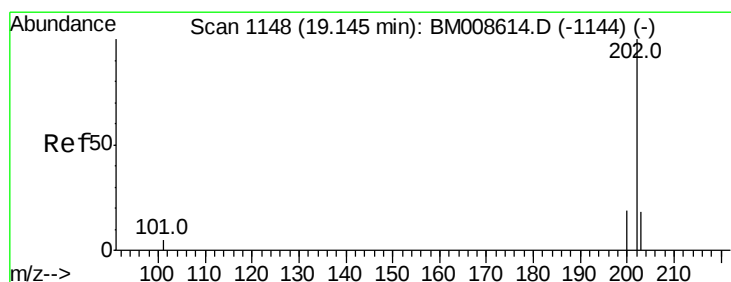
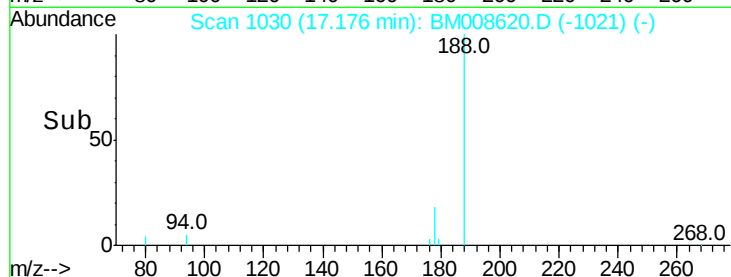
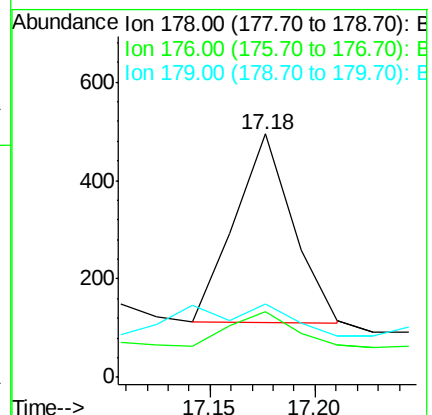
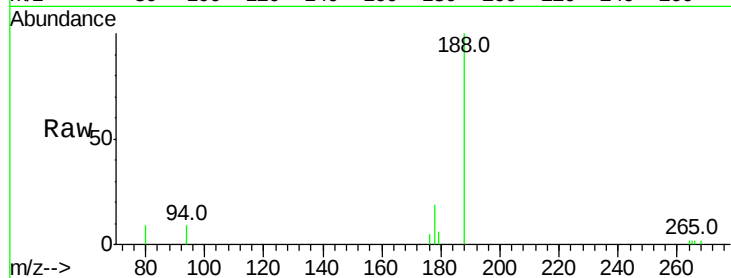
178 100

176 27.1 18.1 27.1

179 29.9 14.7 22.1#

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#15

Fluoranthene

Concen: 0.92 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

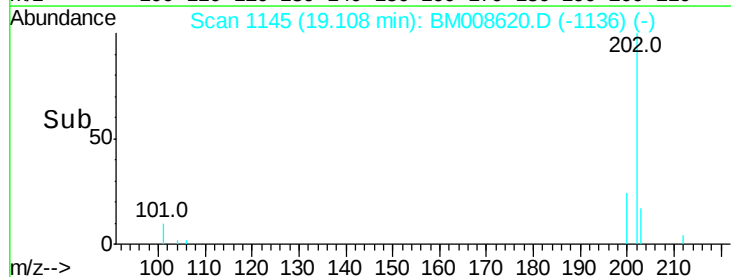
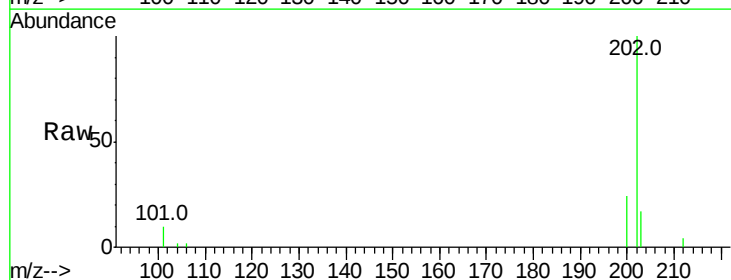
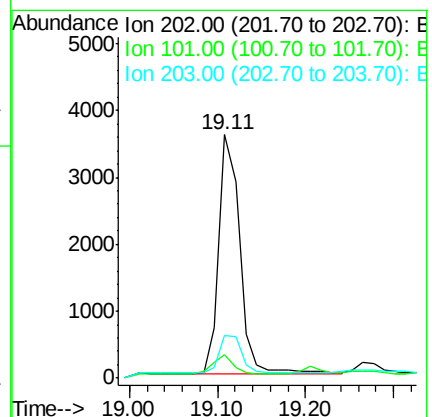
Tgt Ion:202 Resp: 5904

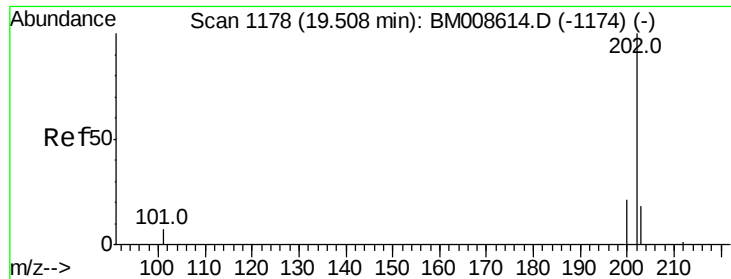
Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

203 17.4 0.0 39.5





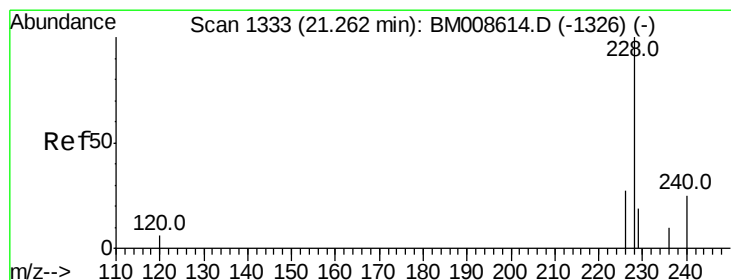
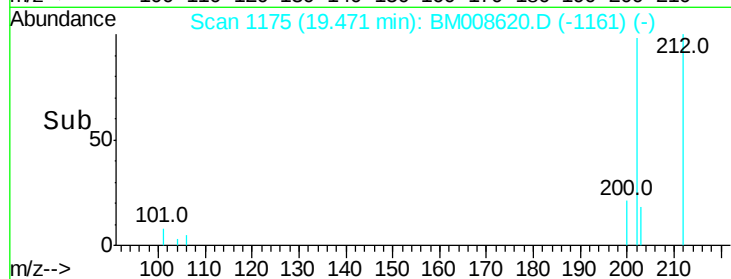
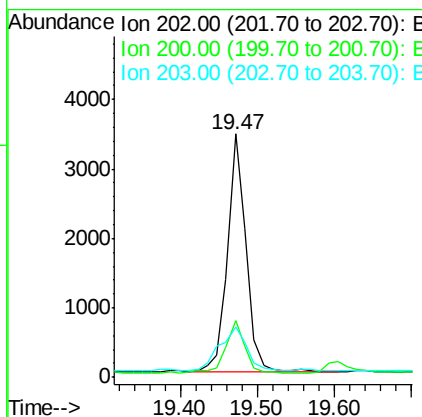
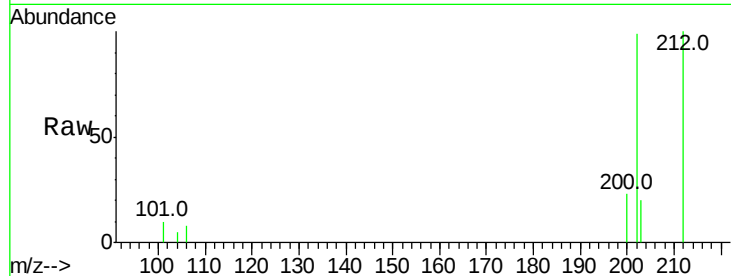
#17
Pvrene
Concen: 0.86 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008620.D
Acq: 24 Dec 2016 06:58

Instrument :
BNA_M
ClientSampleId :
DA8X8

Tot Ion:	202	Resp:	5686
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.2	27.4
203	20.6	15.6	23.4

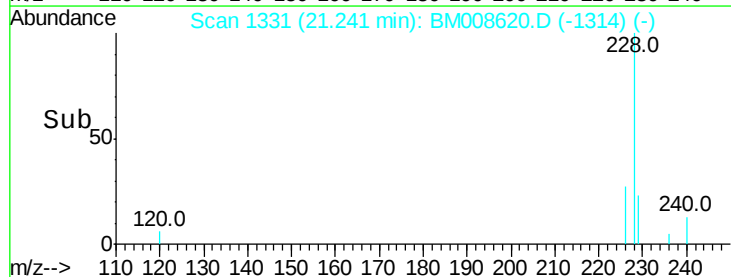
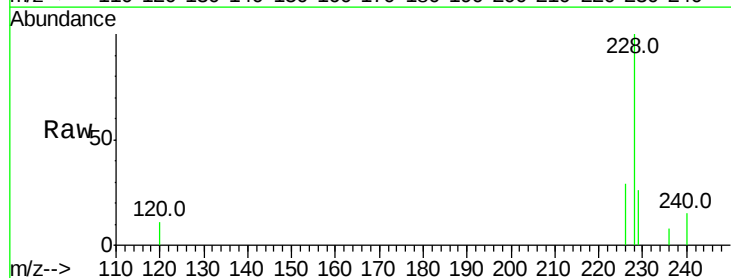
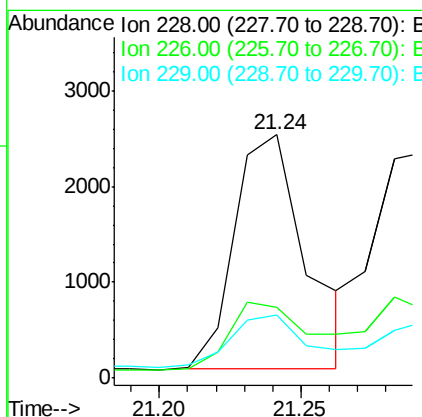
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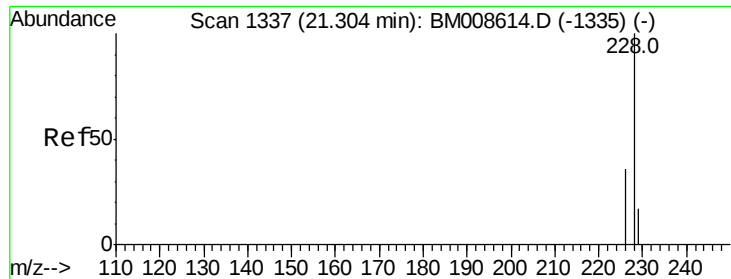
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#18
Benzo(a)anthracene
Concen: 0.77 ng/ul m
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008620.D
Acq: 24 Dec 2016 06:58

Tgt Ion:	228	Resp:	4297
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.8	34.2
229	26.0	17.0	25.6#





#19

Chrysene

Concen: 0.67 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

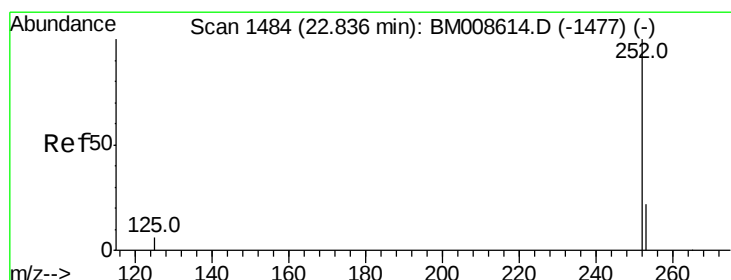
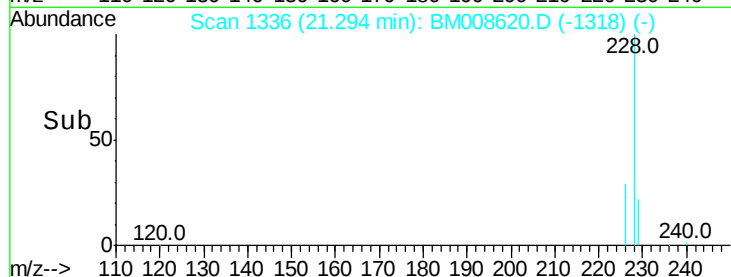
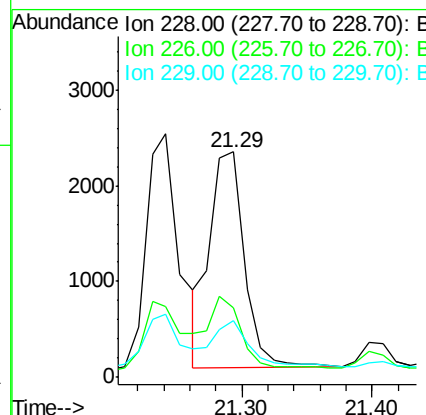
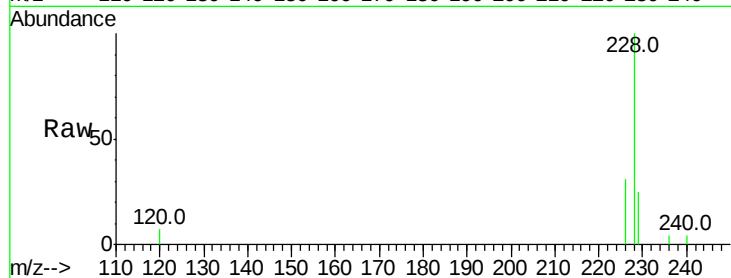
ClientSampled :

DA8X8

Tot Ion:	228	Resp:	4143
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	25.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.68 ng/ul m

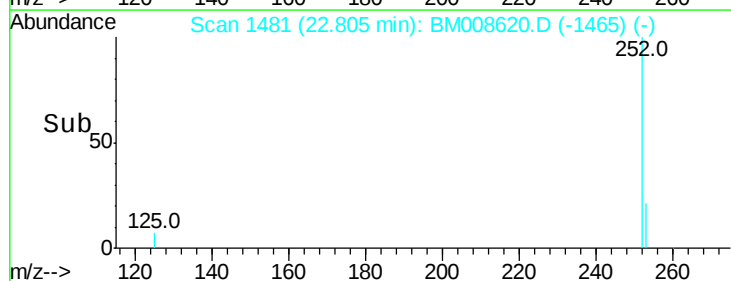
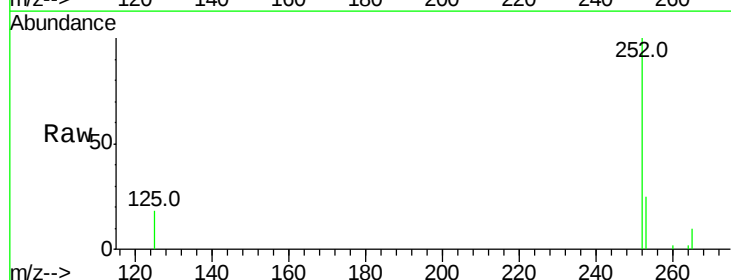
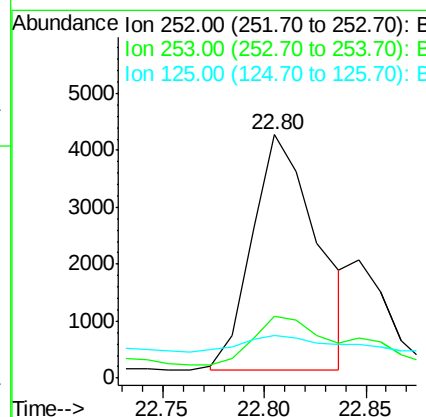
RT: 22.80 min Scan# 1481

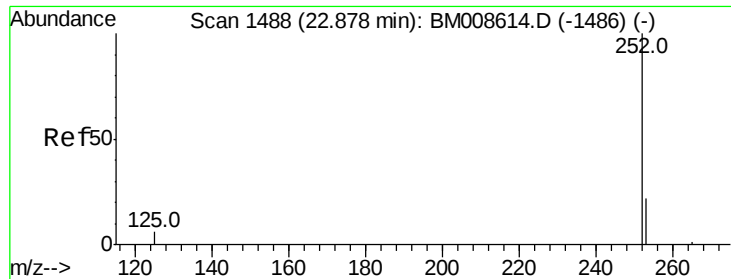
Delta R.T. -0.03 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Tgt Ion:	252	Resp:	9174
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	64.2
125	17.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.43 ng/ul m

RT: 22.85 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Instrument :

BNA_M

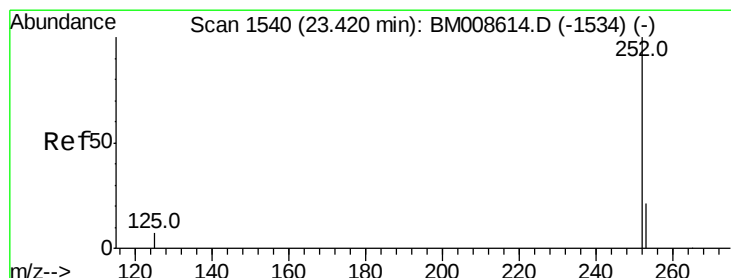
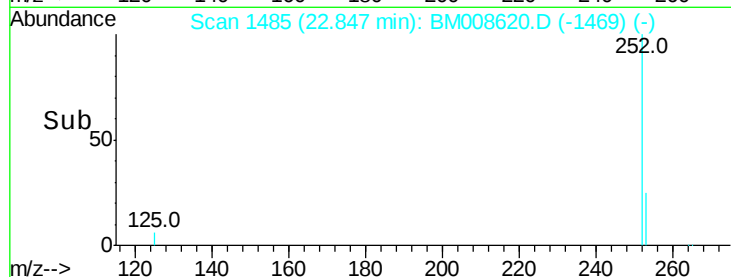
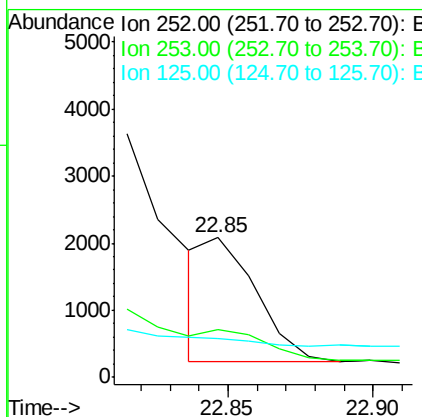
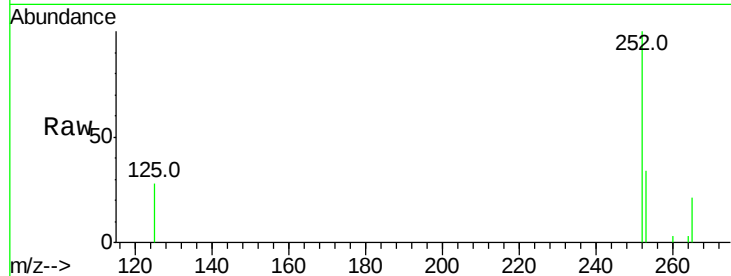
ClientSampleId :

DA8X8

Tot Ion:	252	Resp:	2266
Ion Ratio	Lower	Upper	
252	100		
253	33.7	24.5	36.7
125	27.9	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.15 ng/ul m

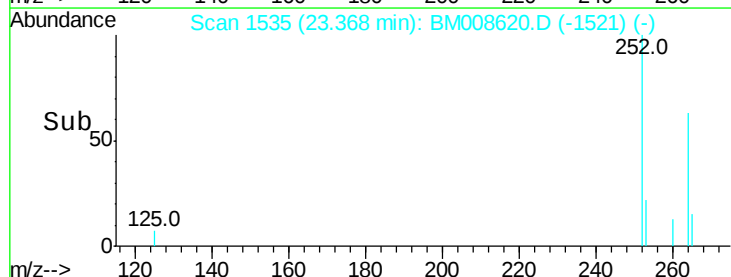
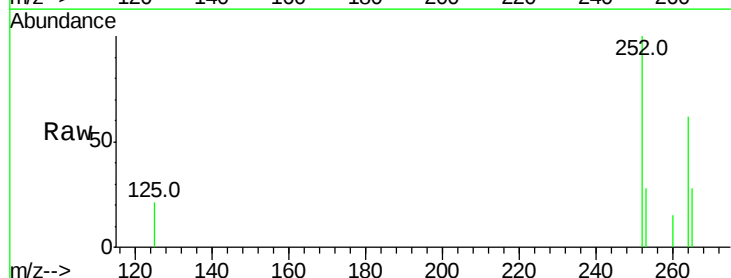
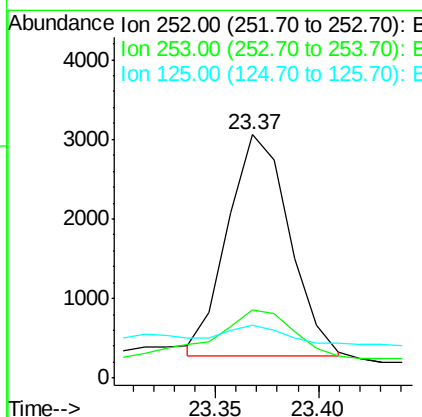
RT: 23.37 min Scan# 1535

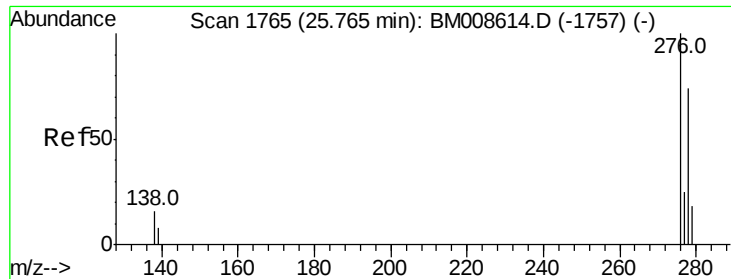
Delta R.T. -0.05 min

Lab File: BM008620.D

Acq: 24 Dec 2016 06:58

Tgt Ion:	252	Resp:	5807
Ion Ratio	Lower	Upper	
252	100		
253	28.2	28.5	42.7#
125	21.5	18.1	27.1





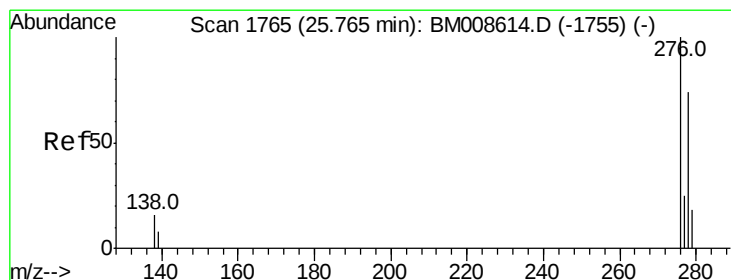
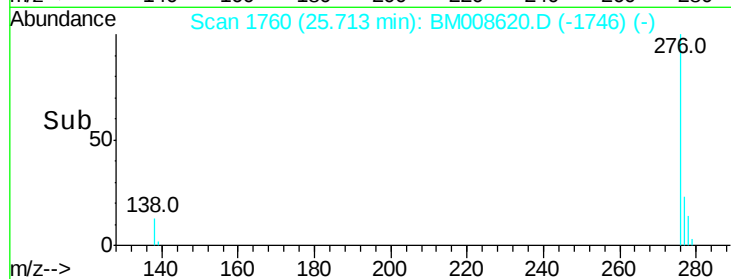
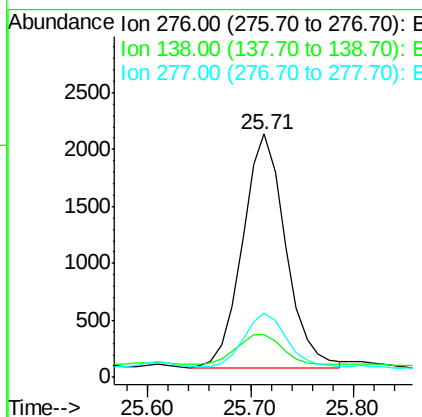
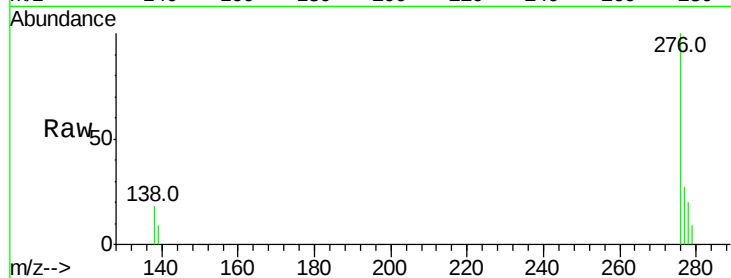
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.00 ng/ul m
 RT: 25.71 min Scan# 1760
 Delta R.T. -0.05 min
 Lab File: BM008620.D
 Acq: 24 Dec 2016 06:58

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

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

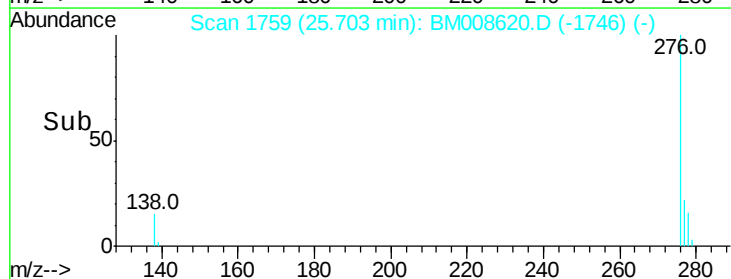
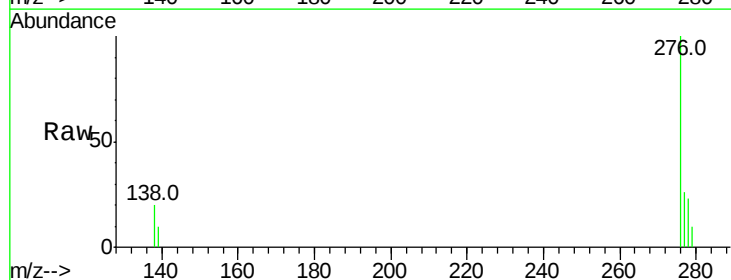
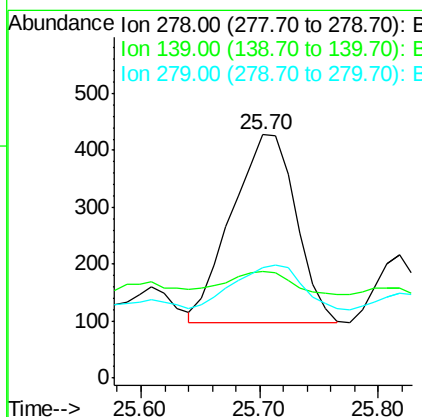
Manual Integrations
 APPROVED

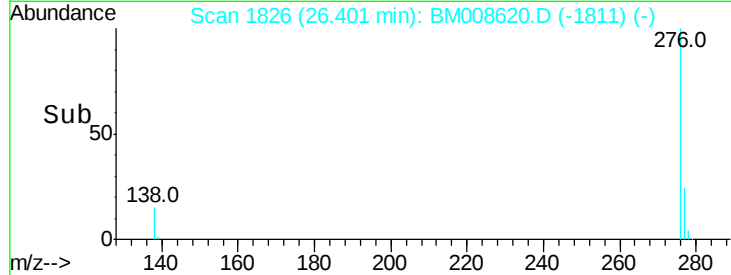
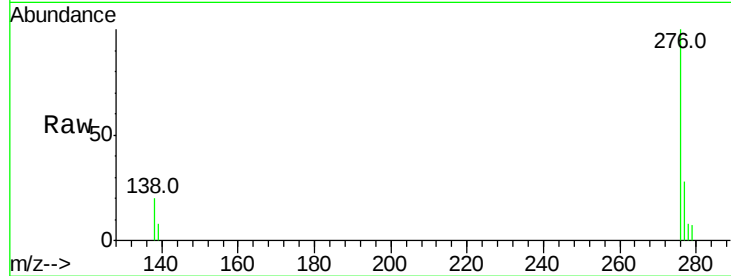
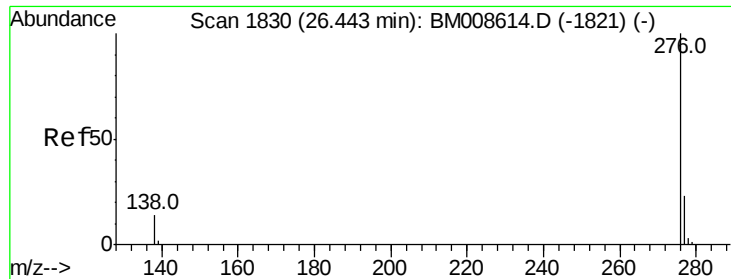
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.26 ng/ul m
 RT: 25.70 min Scan# 1759
 Delta R.T. -0.06 min
 Lab File: BM008620.D
 Acq: 24 Dec 2016 06:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.7	17.4	26.0#
279	45.3	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 1.10 ng/ul m
 RT: 26.40 min Scan# 1826
 Delta R.T. -0.04 min
 Lab File: BM008620.D
 Acq: 24 Dec 2016 06:58

Instrument :
 BNA_M
 ClientSampleId :
 DA8X8

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	27.8	21.8	32.8
138	20.1	20.5	30.7

Manual Integrations
 APPROVED

sohil
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