

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008662.D
 Acq On : 25 Dec 2016 09:35
 Operator : UM/SJ
 Sample : H6040-06DL 10X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1DL

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Quant Time: Dec 26 16:23:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	483	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.46	136	1419	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	896	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1908	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1675	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1851	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	44	0.02	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	211m	0.04	ng/ul	-0.03
Target Compounds						Ovalue
3) Naphthalene	10.51	128	504	0.13	ng/ul#	53
5) 2-Methylnaphthalene	12.13	142	525	0.20	ng/ul	99
9) Fluorene	15.36	166	270	0.08	ng/ul#	69
12) Phenanthrene	17.09	178	3058	0.52	ng/ul#	93
13) Anthracene	17.18	178	702	0.12	ng/ul#	66
15) Fluoranthene	19.11	202	2707	0.38	ng/ul	87
17) Pyrene	19.47	202	4385	0.68	ng/ul	93
18) Benzo(a)anthracene	21.23	228	2277	0.41	ng/ul#	80
19) Chrysene	21.28	228	2969	0.49	ng/ul#	85
21) Benzo(b)fluoranthene	22.82	252	2517m	0.35	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	782m	0.11	ng/ul	
23) Benzo(a)pyrene	23.38	252	1880m	0.28	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	1096	0.14	ng/ul	94
26) Benzo(g,h,i)perylene	26.41	276	1467	0.21	ng/ul#	85

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

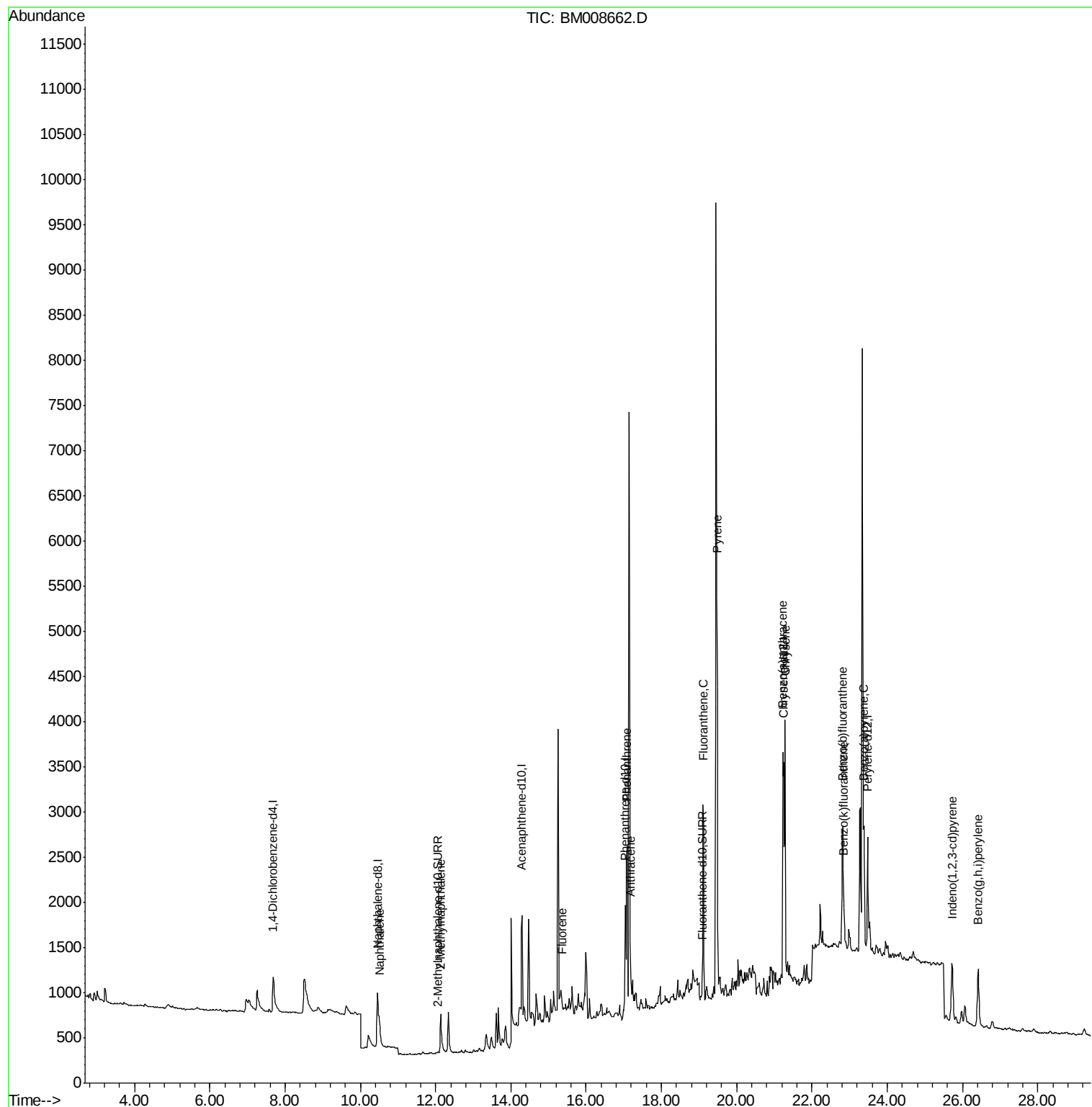
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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ALS Vial : 76 Sample Multiplier: 1

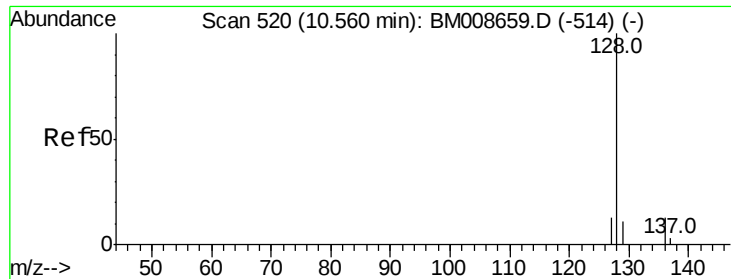
Instrument :
BNA_M
ClientSampleId :
DA8W1DL

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QLast Update : Mon Dec 26 03:21:10 2016
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#3

Naphthalene

Concen: 0.13 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.05 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Instrument :

BNA_M

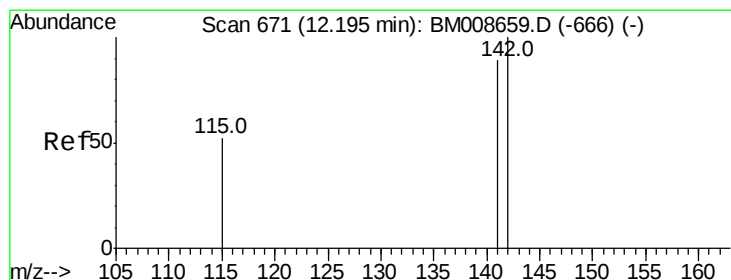
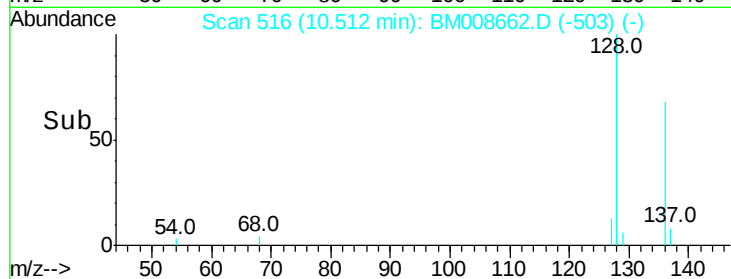
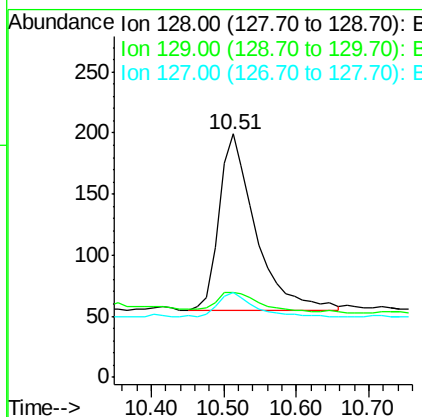
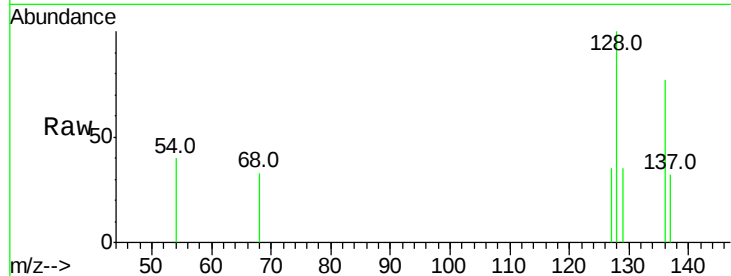
ClientSampleID :

DA8W1DL

Tot Ion:	128	Resp:	504
Ion	Ratio	Lower	Upper
128	100		
129	34.7	11.3	16.9#
127	34.7	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

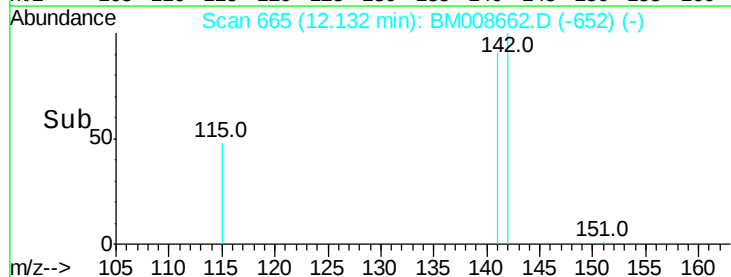
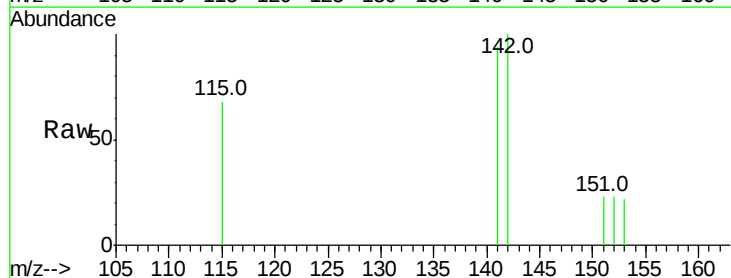
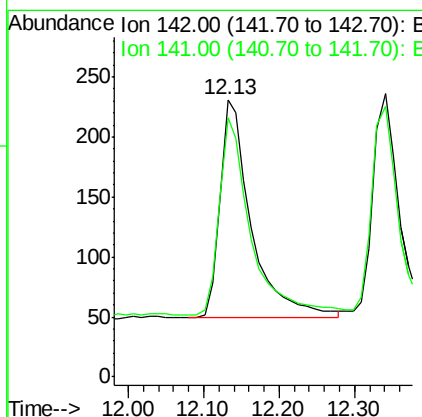
RT: 12.13 min Scan# 665

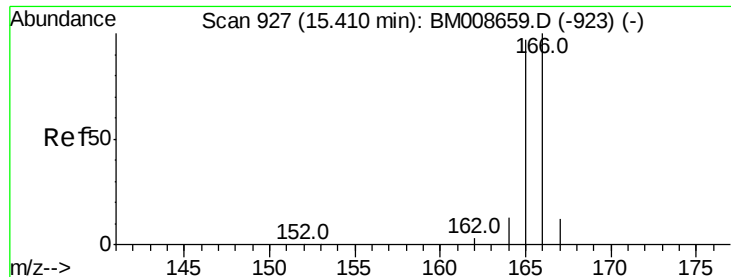
Delta R.T. -0.06 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Tgt Ion:	142	Resp:	525
Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Instrument :

BNA_M

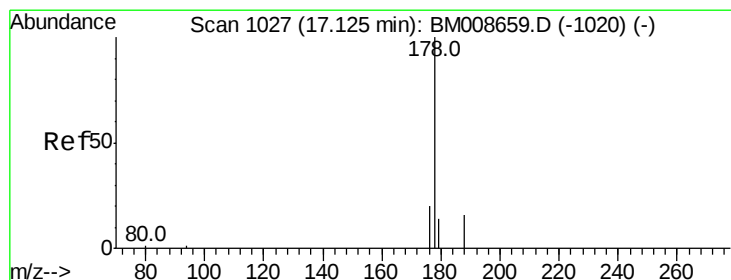
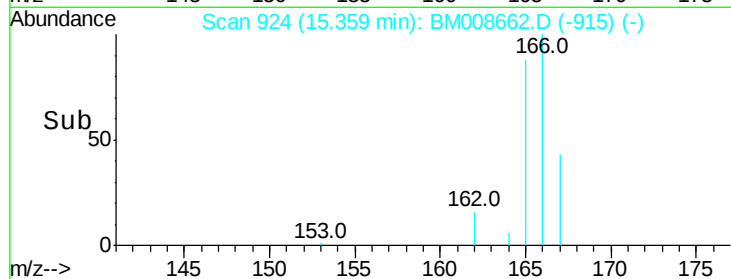
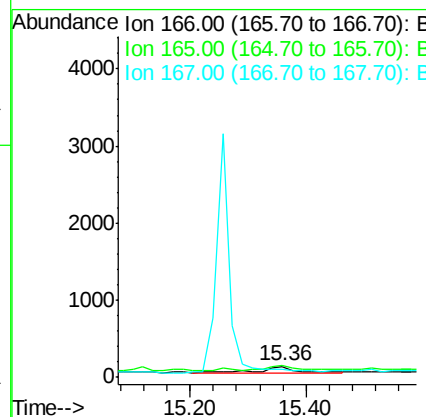
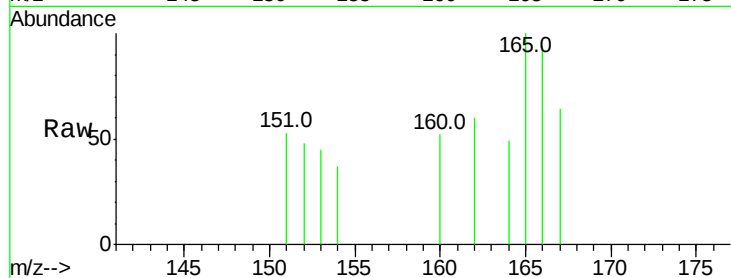
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	106.2	73.4	110.2
167	68.3	14.6	22.0

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#12

Phenanthrene

Concen: 0.52 ng/ul

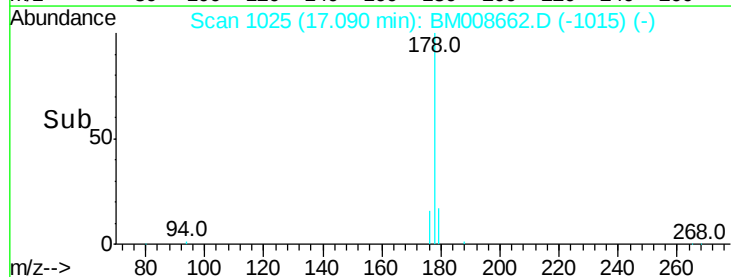
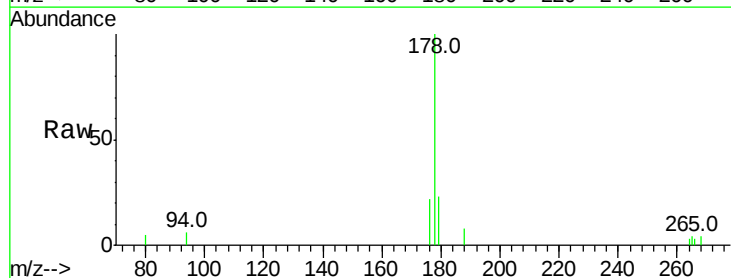
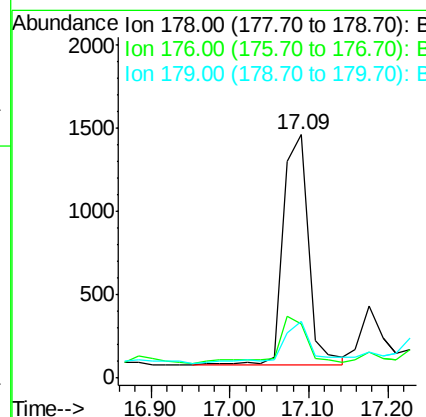
RT: 17.09 min Scan# 1025

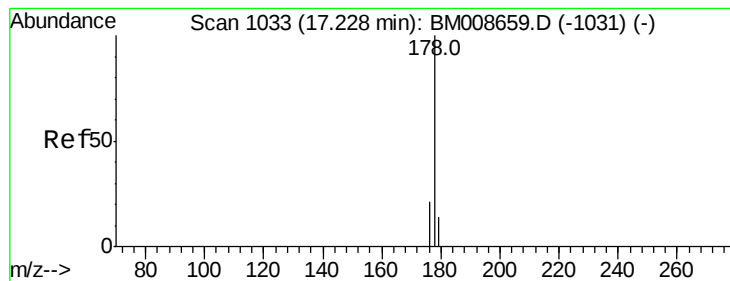
Delta R.T. -0.03 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.4	27.6
179	23.5	13.6	20.4





#13

Anthracene

Concen: 0.12 ng/ul

RT: 17.18 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Instrument :

BNA_M

ClientSampleId :

DA8W1DL

Tot Ion:178 Resp: 702

Ion Ratio Lower Upper

178 100

176 36.7 18.1 27.1#

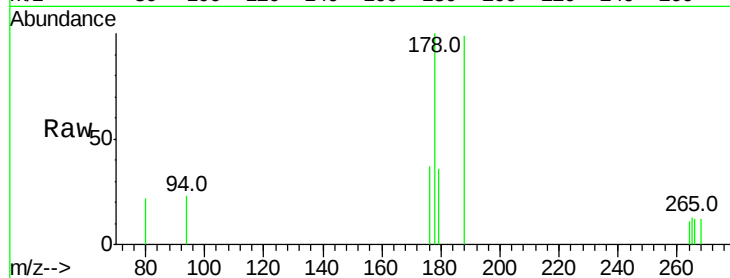
179 36.0 14.7 22.1#

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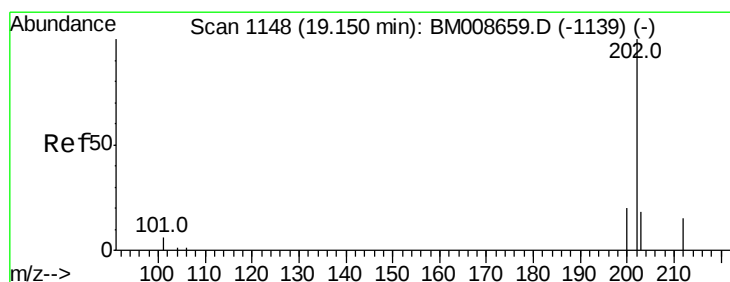
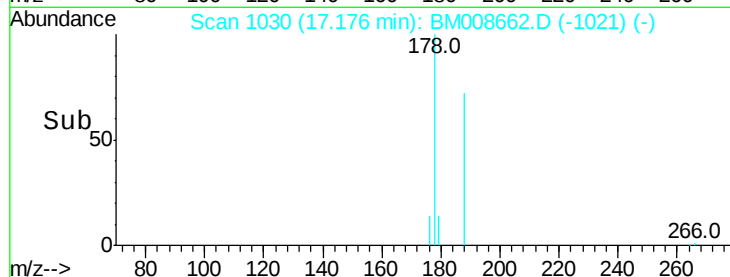
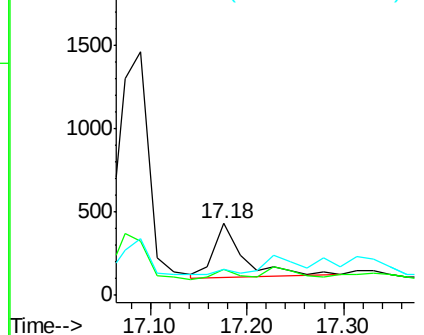
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.38 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

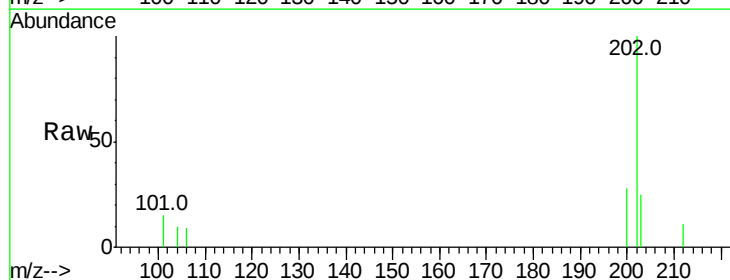
Tgt Ion:202 Resp: 2707

Ion Ratio Lower Upper

202 100

101 15.4 0.0 30.3

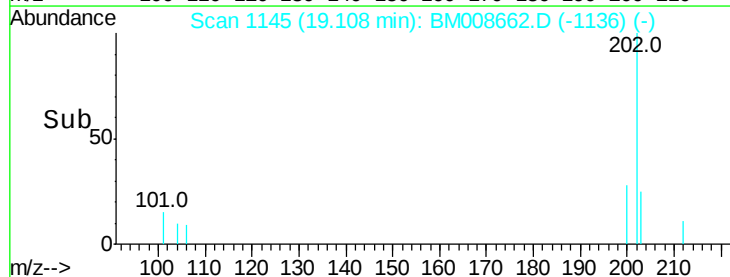
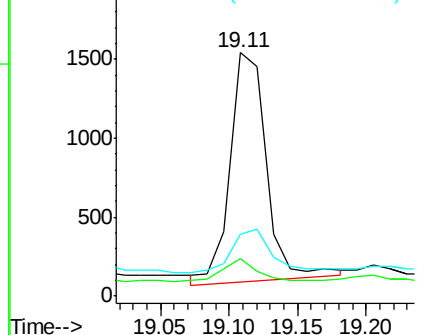
203 25.5 0.0 39.5

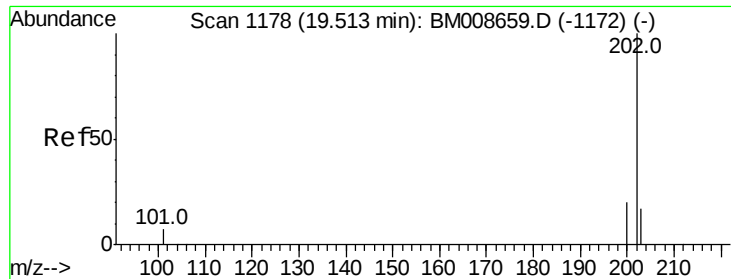


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pvrene

Concen: 0.68 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Instrument :

BNA_M

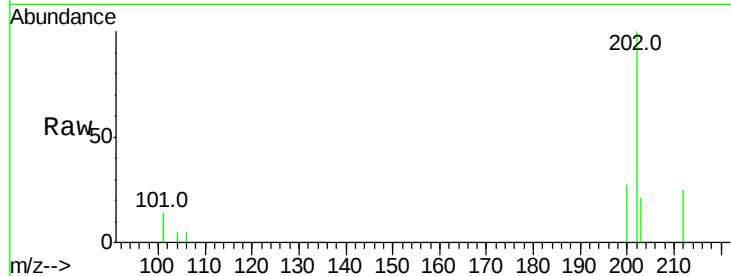
ClientSampleId :

DA8W1DL

Tot Ion:	202	Resp:	4385
Ion Ratio	Lower	Upper	
202	100		
200	26.9	18.2	27.4
203	21.4	15.6	23.4

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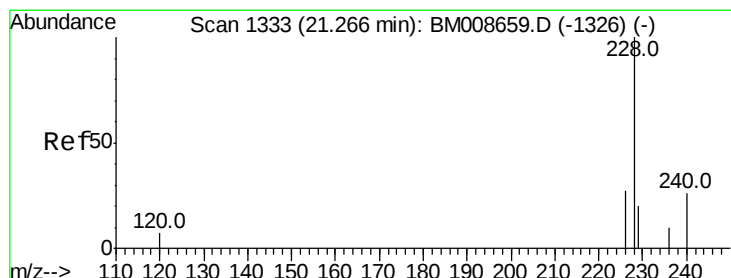
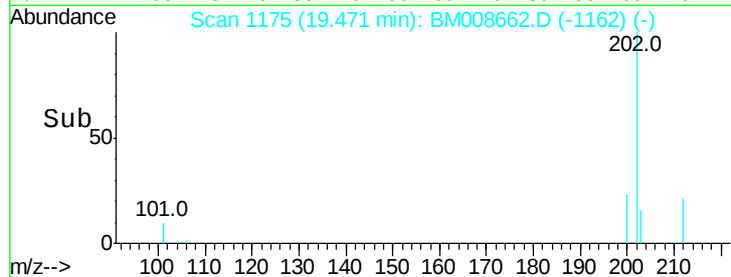
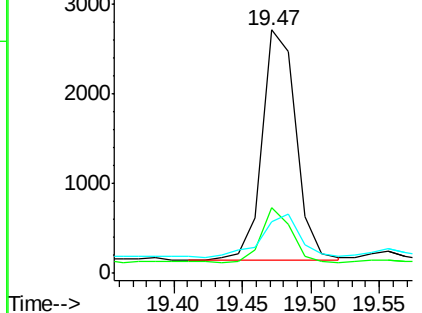
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008662.D

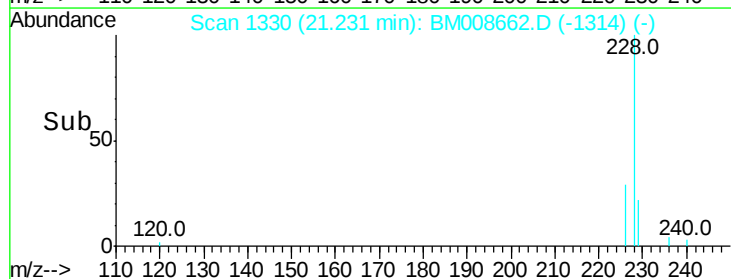
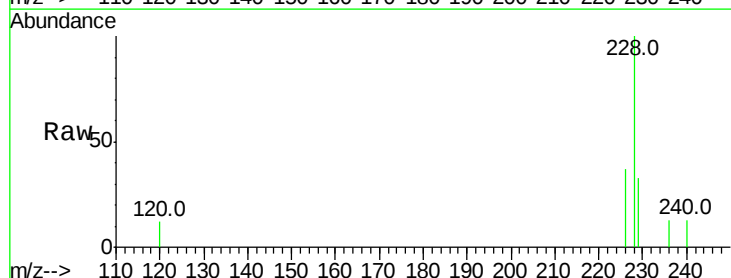
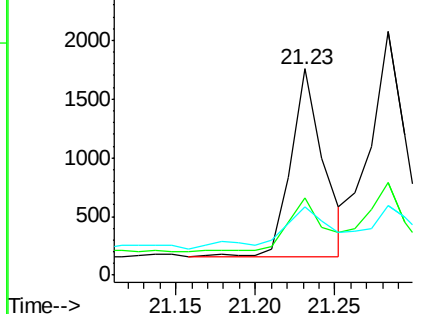
Acq: 25 Dec 2016 09:35

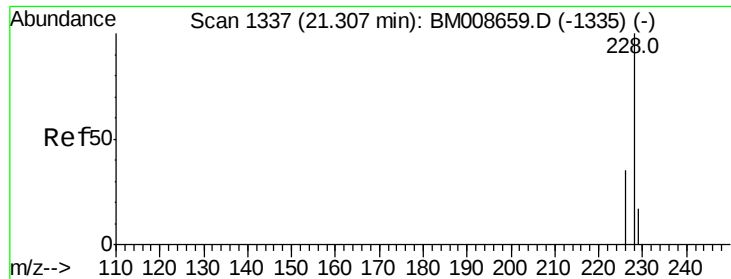
Tgt Ion:	228	Resp:	2277
Ion Ratio	Lower	Upper	
228	100		
226	37.2	22.8	34.2#
229	33.3	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.49 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Instrument :

BNA_M

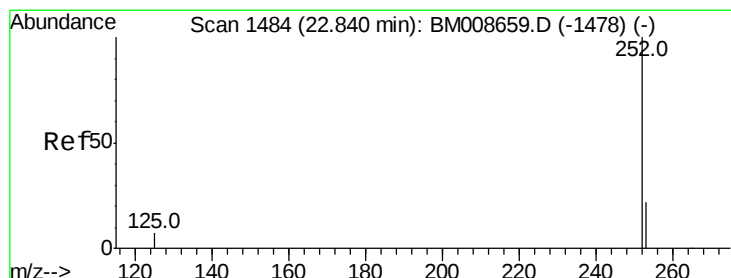
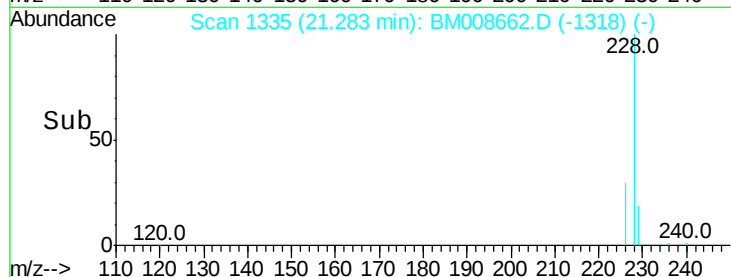
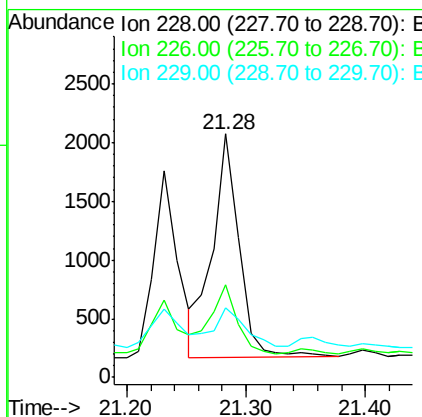
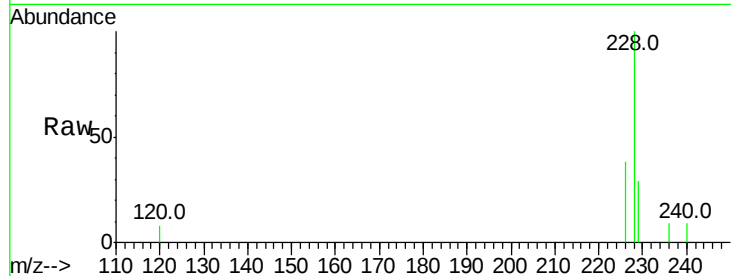
ClientSampleId :

DA8W1DL

Tot Ion:	228	Resp:	2969
Ion Ratio	Lower	Upper	
228	100		
226	38.1	23.4	35.0#
229	28.8	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.35 ng/ul m

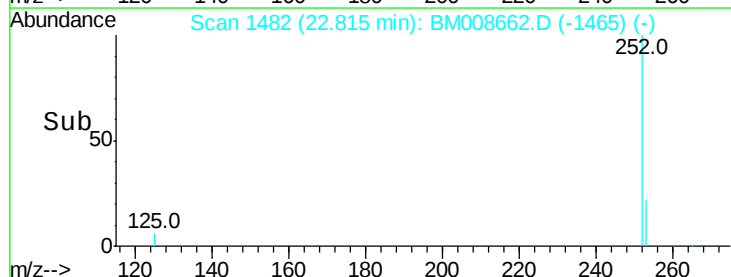
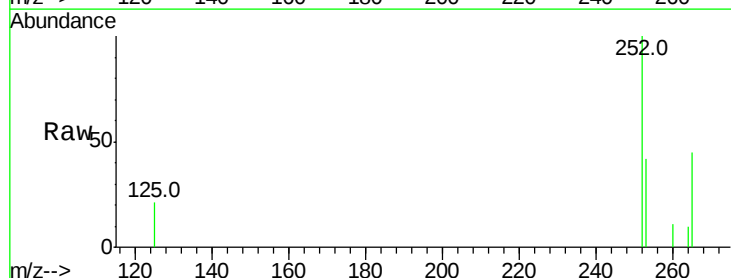
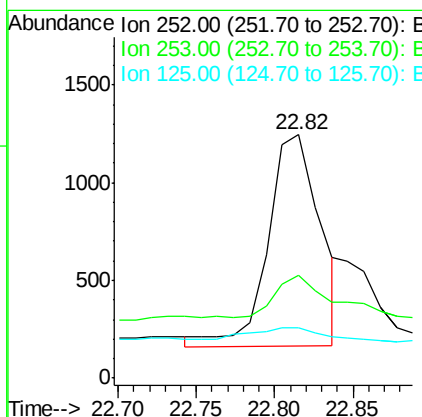
RT: 22.82 min Scan# 1482

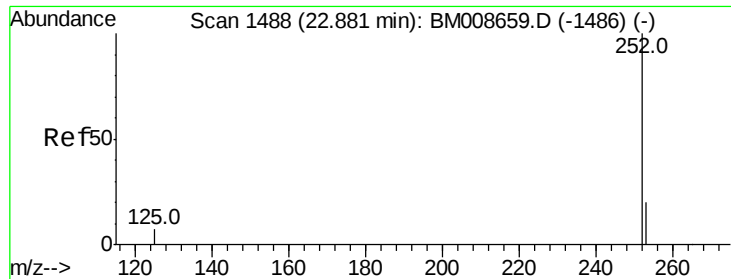
Delta R.T. -0.02 min

Lab File: BM008662.D

Acq: 25 Dec 2016 09:35

Tgt Ion:	252	Resp:	2517
Ion Ratio	Lower	Upper	
252	100		
253	42.4	0.0	64.2
125	20.6	0.0	35.0





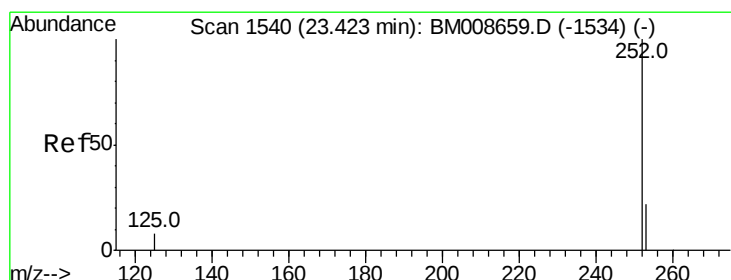
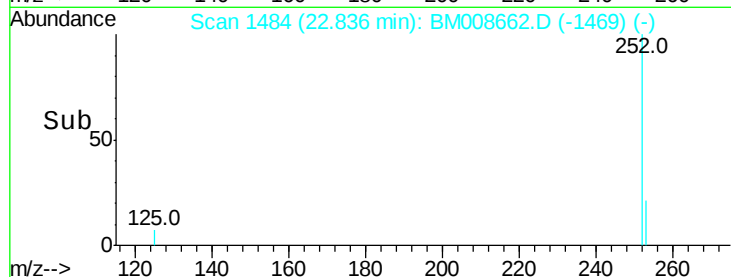
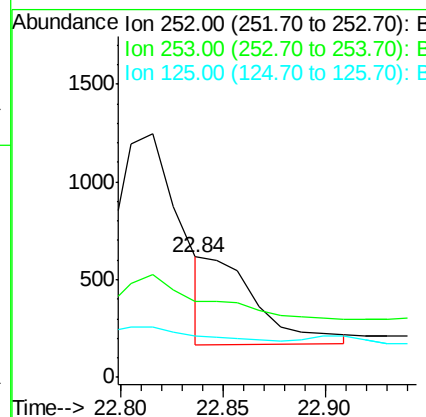
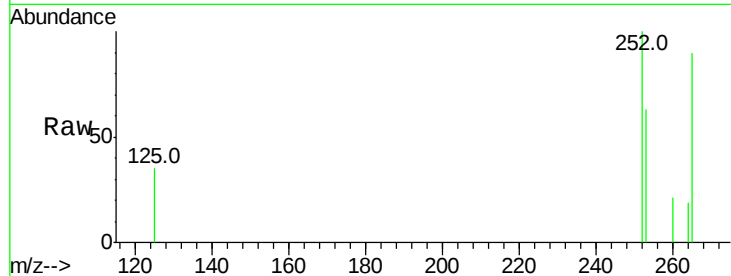
#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.05 min
Lab File: BM008662.D
Acq: 25 Dec 2016 09:35

Instrument :
BNA_M
ClientSampleId :
DA8W1DL

Tot Ion:252 Resp: 782
Ion Ratio Lower Upper
252 100
253 63.0 24.5 36.7#
125 34.5 13.7 20.5#

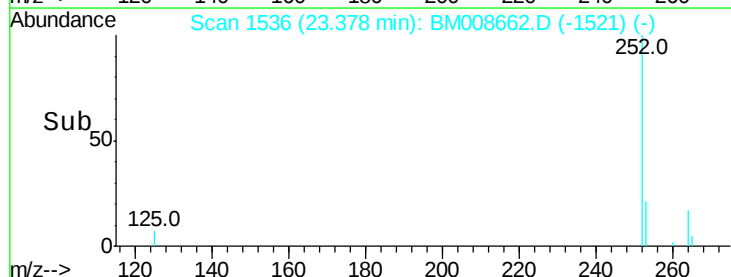
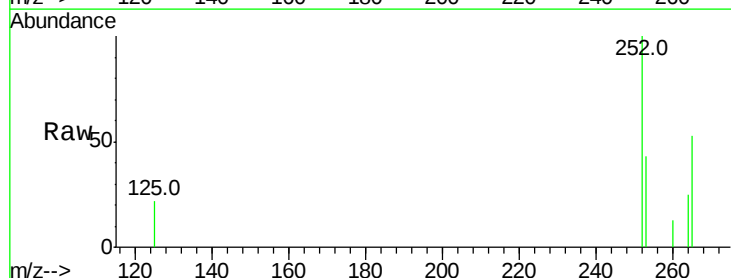
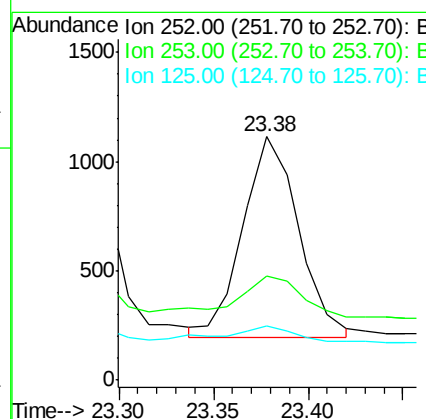
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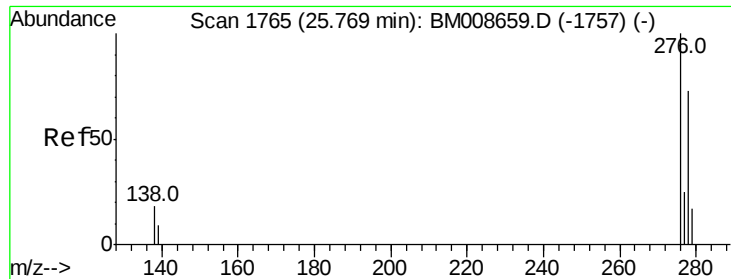
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#23
Benzo(a)pyrene
Concen: 0.28 ng/ul m
RT: 23.38 min Scan# 1536
Delta R.T. -0.05 min
Lab File: BM008662.D
Acq: 25 Dec 2016 09:35

Tgt Ion:252 Resp: 1880
Ion Ratio Lower Upper
252 100
253 43.0 28.5 42.7#
125 22.1 18.1 27.1





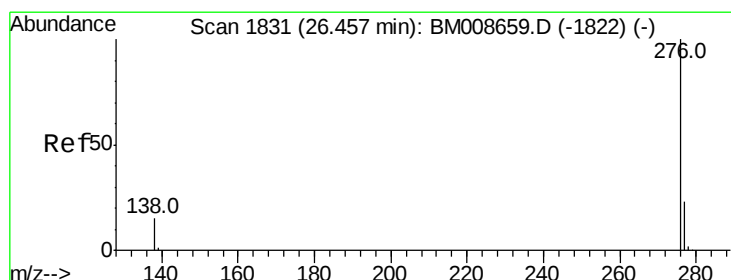
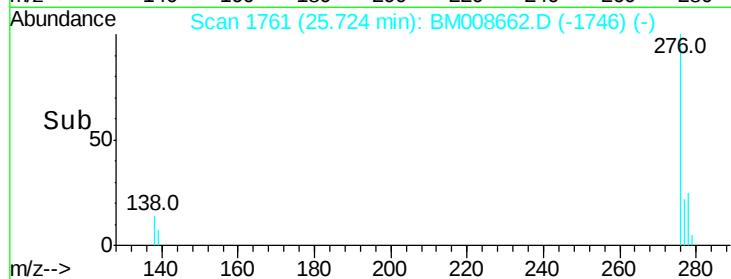
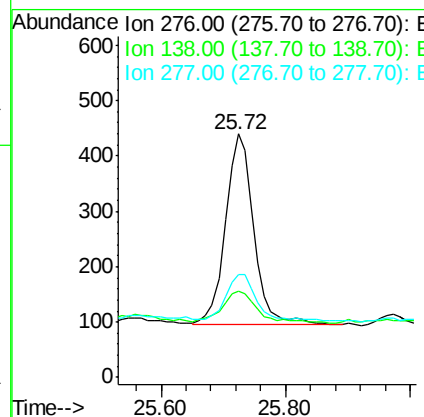
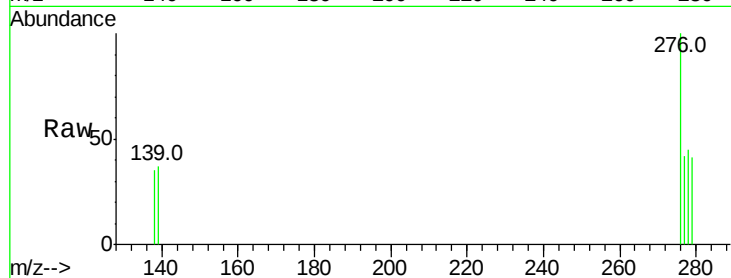
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.14 ng/ul
 RT: 25.72 min Scan# 1761
 Delta R.T. -0.05 min
 Lab File: BM008662.D
 Acq: 25 Dec 2016 09:35

Instrument :
 BNA_M
 ClientSampleId :
 DA8W1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	19.1	28.7
277	26.5	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.21 ng/ul
 RT: 26.41 min Scan# 1827
 Delta R.T. -0.05 min
 Lab File: BM008662.D
 Acq: 25 Dec 2016 09:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.7	21.8	32.8#
138	30.9	20.5	30.7#

