

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008671.D
 Acq On : 25 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5995-21DL 5X
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

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Quant Time: Dec 26 05:38:12 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	7.76	152	301	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.51	136	1045	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	757	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1268	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	1331	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1359	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	135	0.08	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	309	0.09	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.56	128	398	0.14	ng/ul#	20
5) 2-Methylnaphthalene	12.16	142	596	0.30	ng/ul	96
8) Acenaphthene	14.37	153	71	0.03	ng/ul#	75
12) Phenanthrene	17.11	178	1618	0.42	ng/ul#	90
13) Anthracene	17.21	178	247	0.07	ng/ul#	29
15) Fluoranthene	19.13	202	1141	0.24	ng/ul	75
17) Pyrene	19.50	202	1331	0.26	ng/ul#	77
18) Benzo(a)anthracene	21.24	228	780m	0.18	ng/ul	
19) Chrysene	21.29	228	1643m	0.34	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	1621m	0.30	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	489m	0.09	ng/ul	
23) Benzo(a)pyrene	23.39	252	823	0.17	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.73	276	951	0.16	ng/ul#	94
26) Benzo(g,h,i)perylene	26.42	276	1491	0.29	ng/ul#	74

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

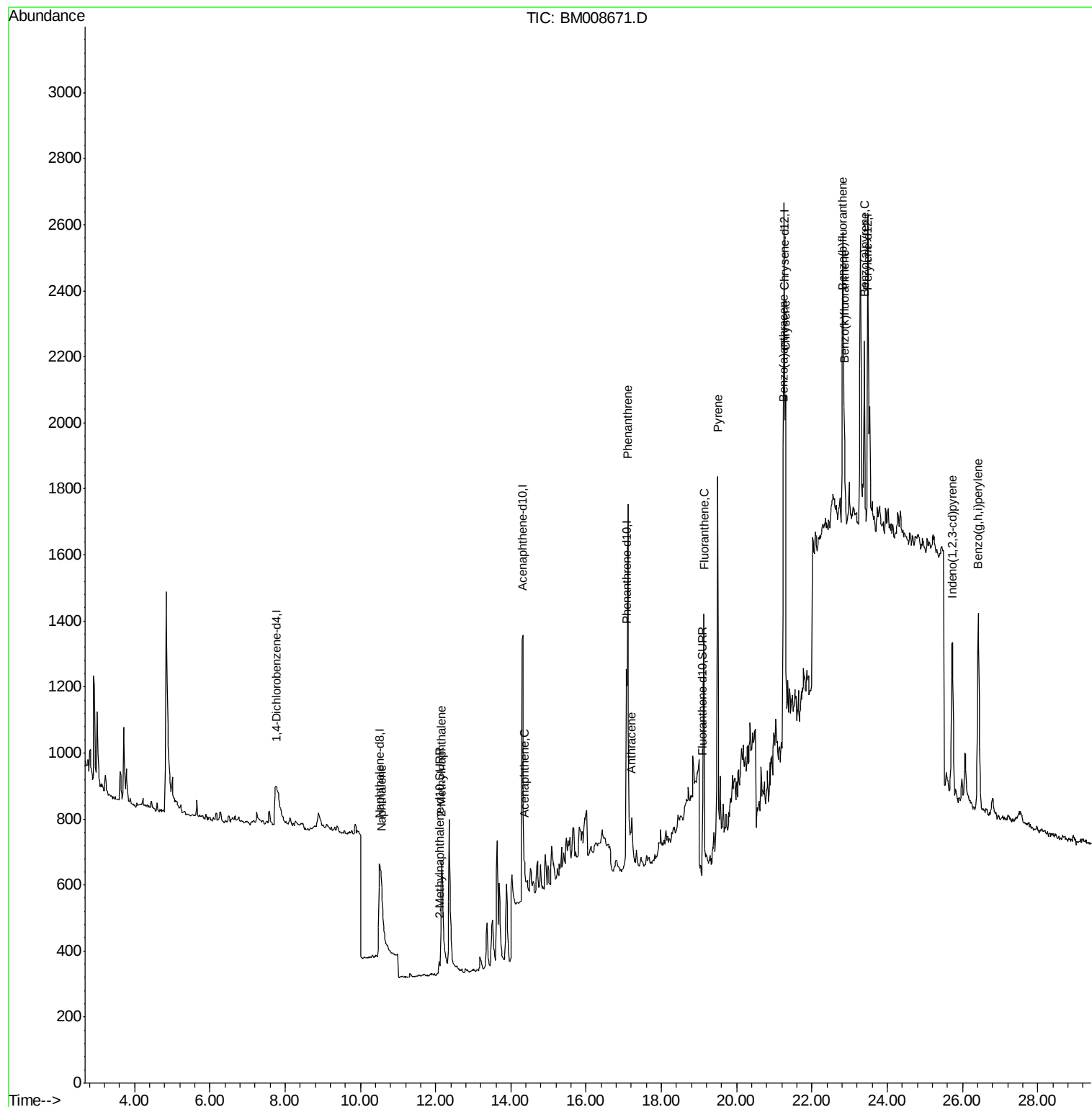
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008671.D
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Operator : UM/SJ
Sample : H5995-21DL 5X
Misc :
ALS Vial : 85 Sample Multiplier: 1

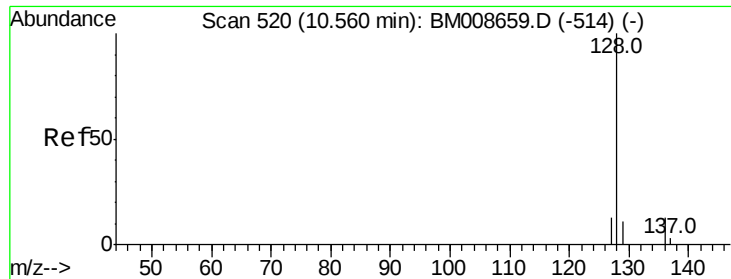
Instrument :
BNA_M
ClientSampleId :
DA888DL

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Quant Time: Dec 26 05:38:12 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





#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. -0.00 min

Lab File: BM008671.D

Acq: 25 Dec 2016 14:55

Instrument :

BNA_M

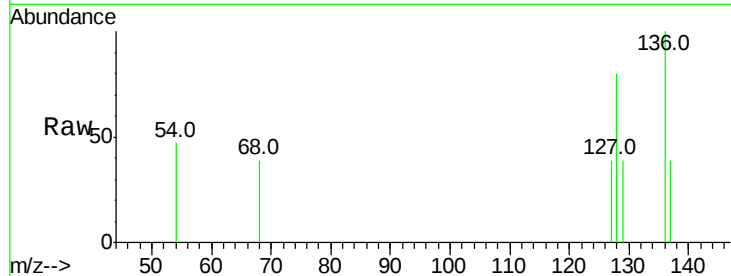
ClientSampleId :

DA888DL

Tot Ion:	128	Resp:	398
Ion Ratio	Lower	Upper	
128	100		
129	48.9	11.3	16.9#
127	48.1	12.8	19.2#

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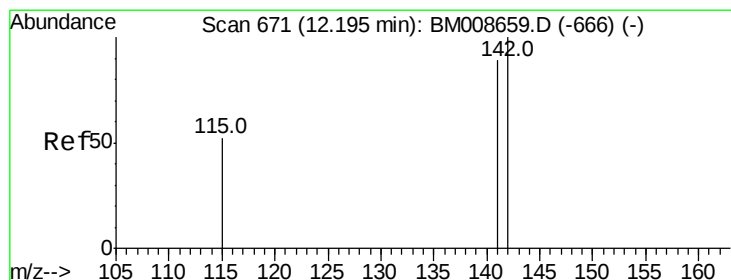
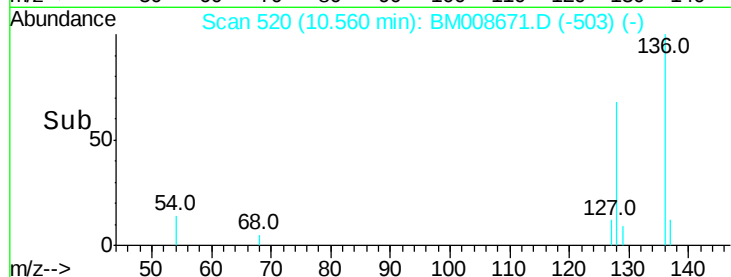
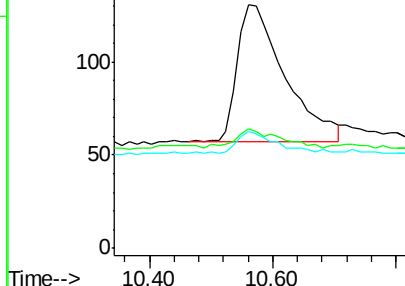
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.30 ng/ul

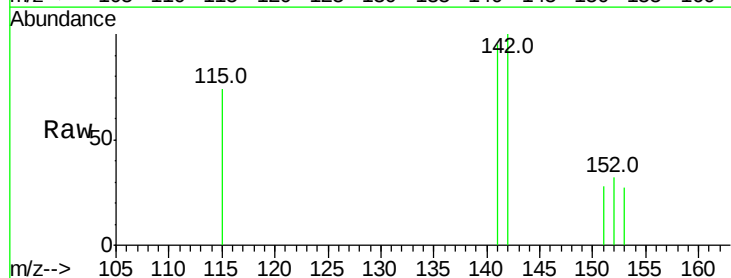
RT: 12.16 min Scan# 668

Delta R.T. -0.03 min

Lab File: BM008671.D

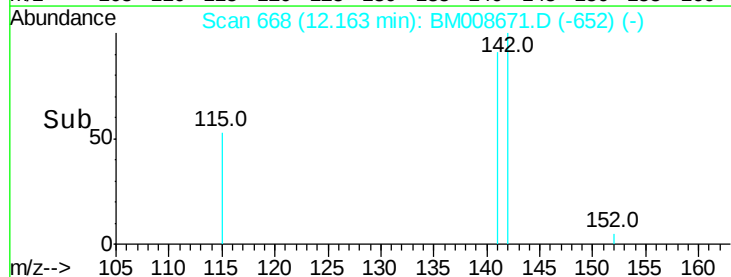
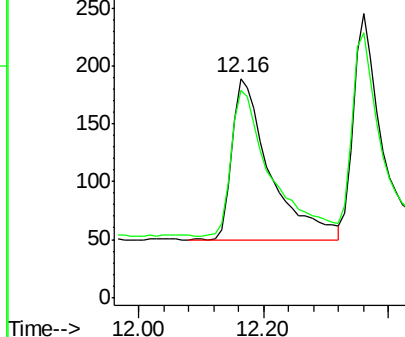
Acq: 25 Dec 2016 14:55

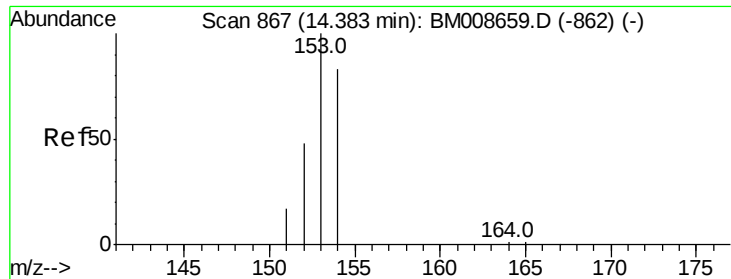
Tgt Ion:	142	Resp:	596
Ion Ratio	Lower	Upper	
142	100		
141	94.6	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.37 min Scan# 866

Delta R.T. -0.02 min

Lab File: BM008671.D

Acq: 25 Dec 2016 14:55

Instrument :

BNA_M

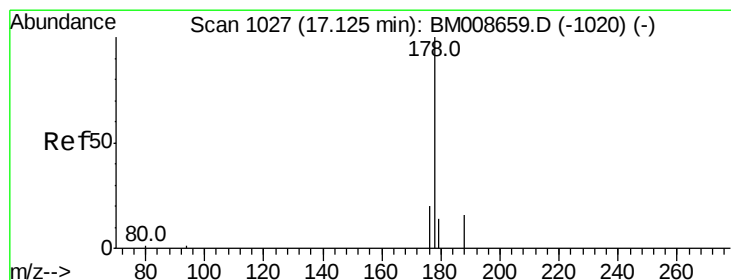
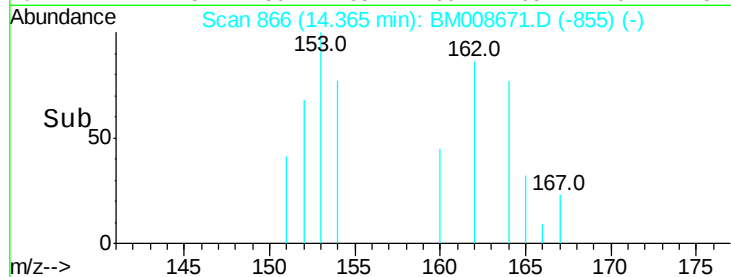
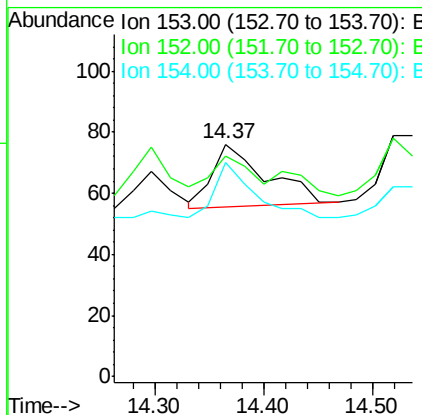
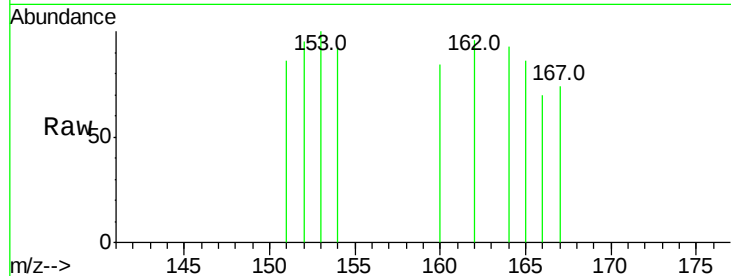
ClientSampleId :

DA888DL

Tot Ion:	153	Resp:	71
Ion	Ratio	Lower	Upper
153	100		
152	94.7	40.3	60.5#
154	92.1	71.4	107.2

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#12

Phenanthrene

Concen: 0.42 ng/ul

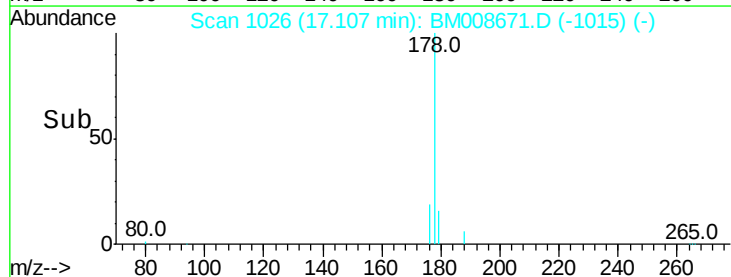
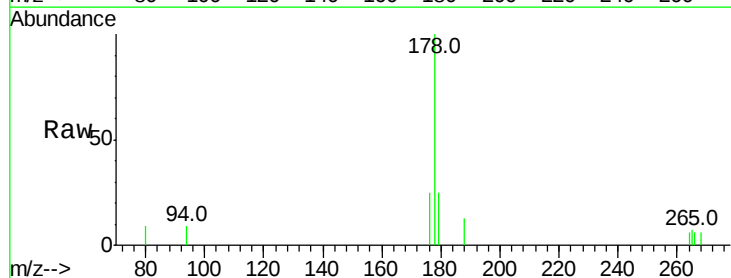
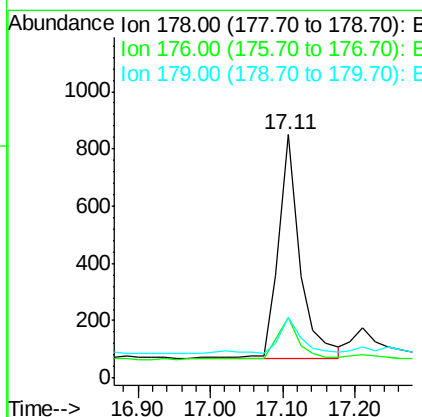
RT: 17.11 min Scan# 1026

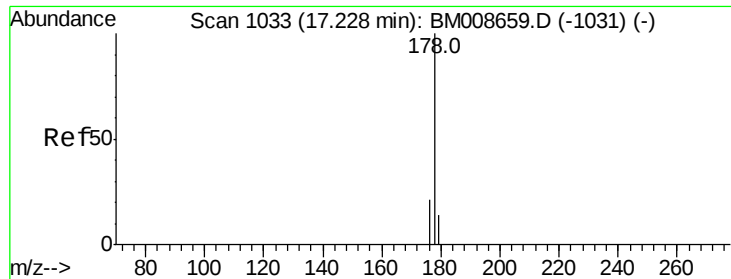
Delta R.T. -0.02 min

Lab File: BM008671.D

Acq: 25 Dec 2016 14:55

Tgt Ion:	178	Resp:	1618
Ion	Ratio	Lower	Upper
178	100		
176	24.9	18.4	27.6
179	24.7	13.6	20.4#





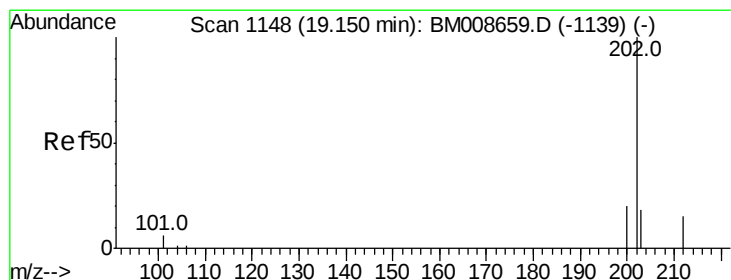
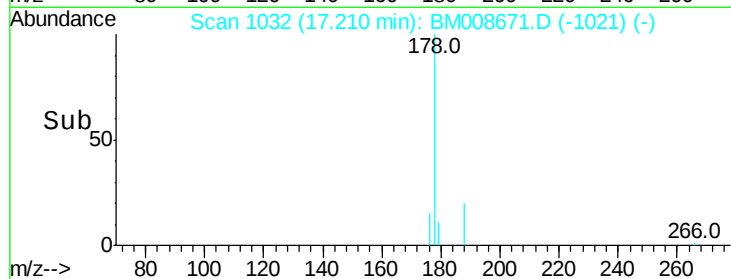
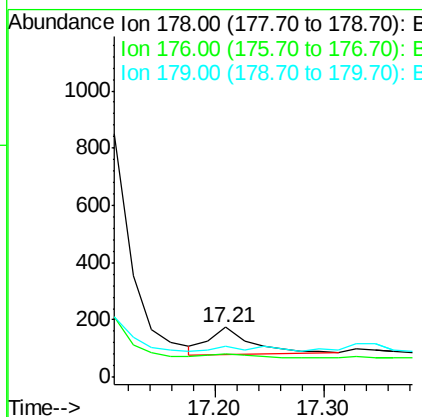
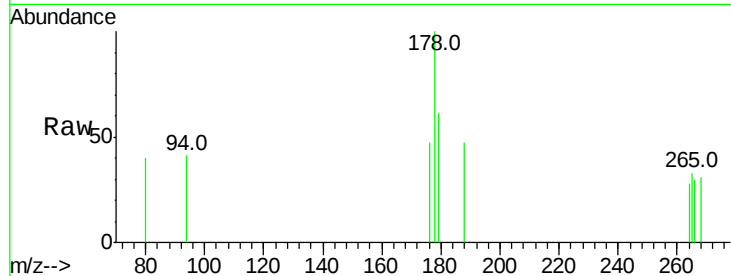
#13
 Anthracene
 Concen: 0.07 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008671.D
 Acq: 25 Dec 2016 14:55

Instrument :
 BNA_M
 ClientSampleId :
 DA888DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	46.6	18.1	27.1#
179	61.5	14.7	22.1#

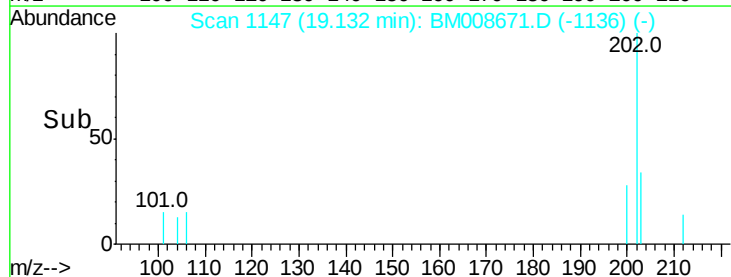
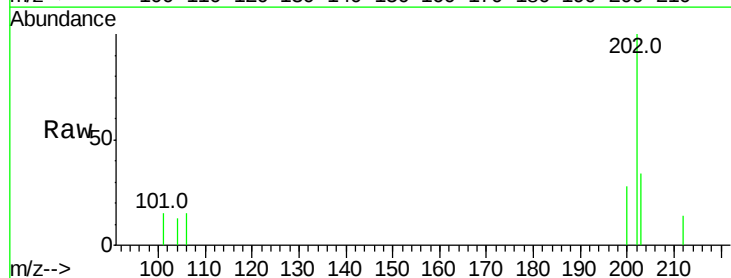
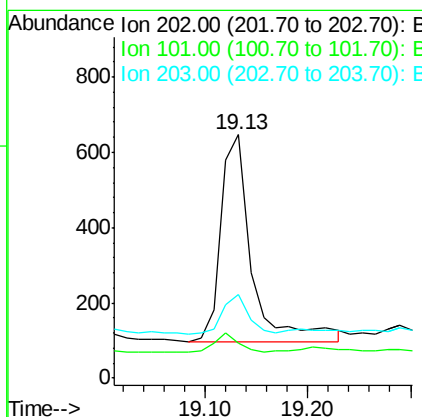
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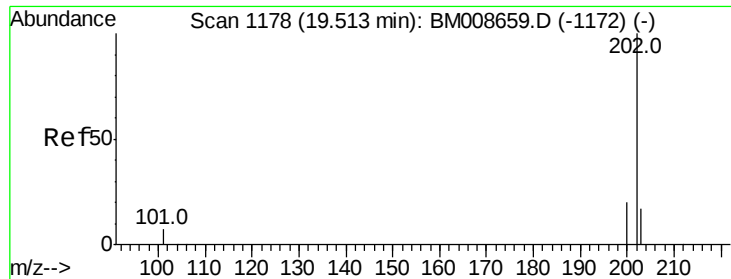
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#15
 Fluoranthene
 Concen: 0.24 ng/ul
 RT: 19.13 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BM008671.D
 Acq: 25 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.3
203	34.3	0.0	39.5





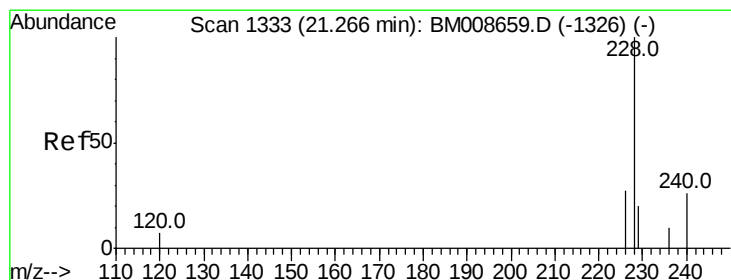
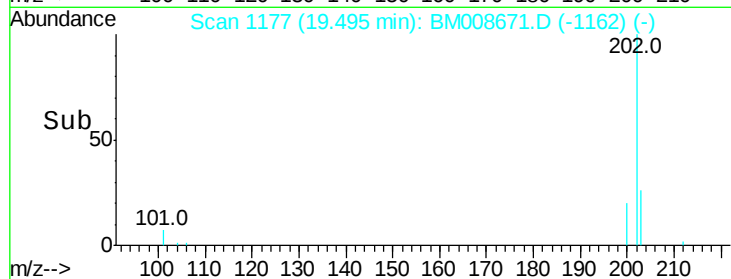
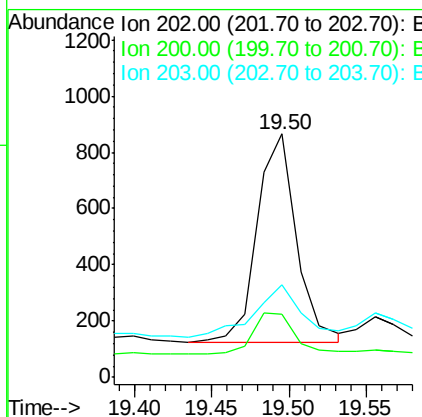
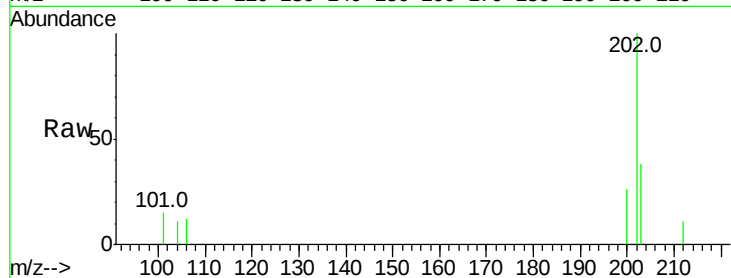
#17
Pvrene
Concen: 0.26 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM008671.D
Acq: 25 Dec 2016 14:55

Instrument :
BNA_M
ClientSampleId :
DA888DL

Tot Ion:	202	Resp:	1331
Ion Ratio	Lower	Upper	
202	100		
200	26.1	18.2	27.4
203	38.1	15.6	23.4#

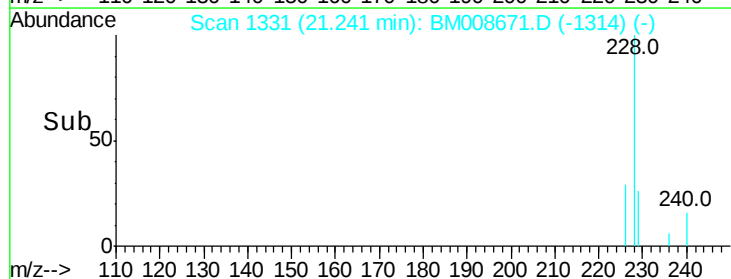
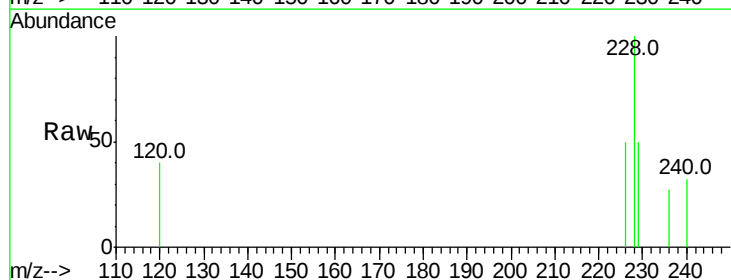
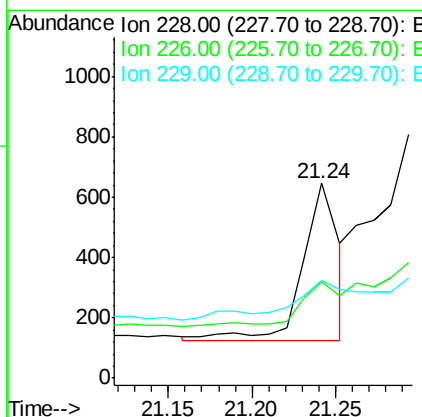
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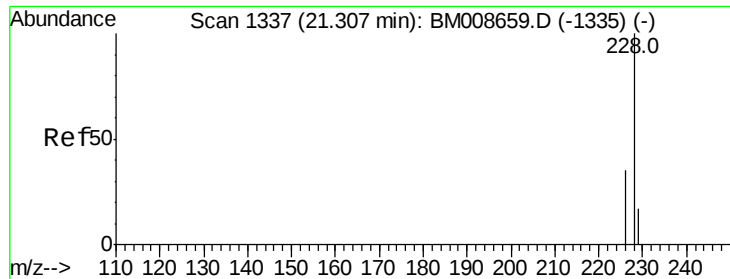
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#18
Benzo(a)anthracene
Concen: 0.18 ng/ul m
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008671.D
Acq: 25 Dec 2016 14:55

Tgt Ion:	228	Resp:	780
Ion Ratio	Lower	Upper	
228	100		
226	49.8	22.8	34.2#
229	50.2	17.0	25.6#





#19

Chrysene

Concen: 0.34 ng/ul m

RT: 21.29 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BM008671.D

Acq: 25 Dec 2016 14:55

Instrument :

BNA_M

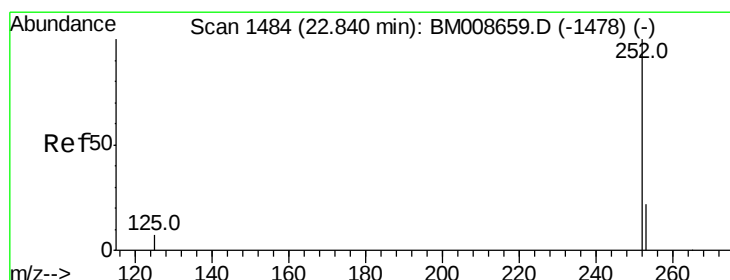
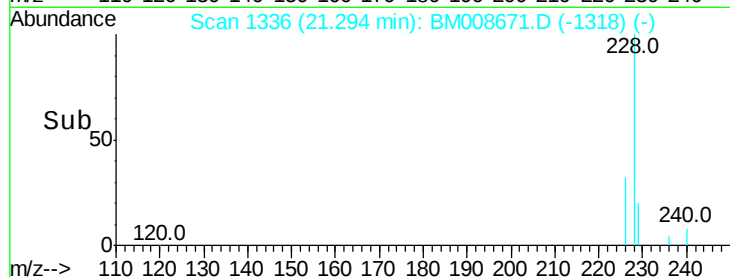
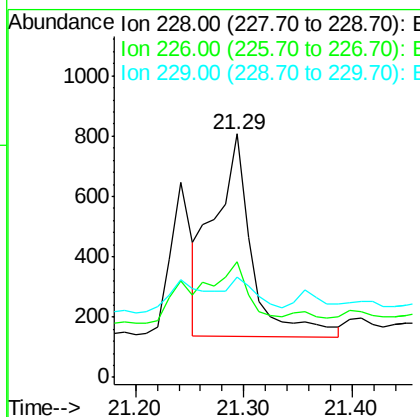
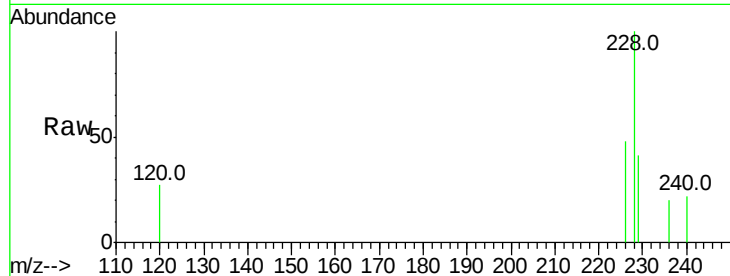
ClientSampled :

DA888DL

Tot Ion:	228	Resp:	1643
Ion Ratio	Lower	Upper	
228	100		
226	47.7	23.4	35.0#
229	41.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.30 ng/ul m

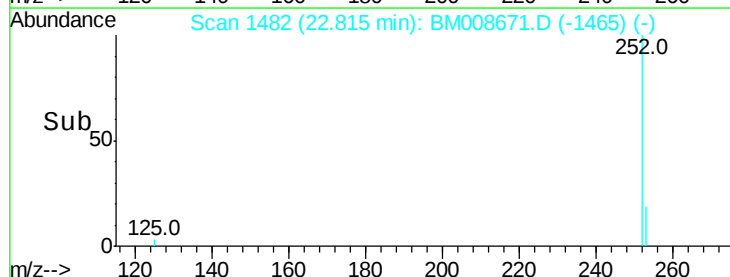
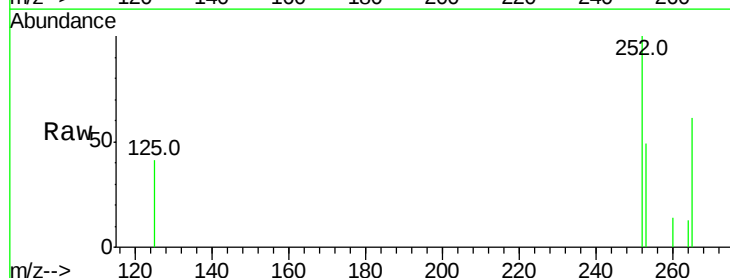
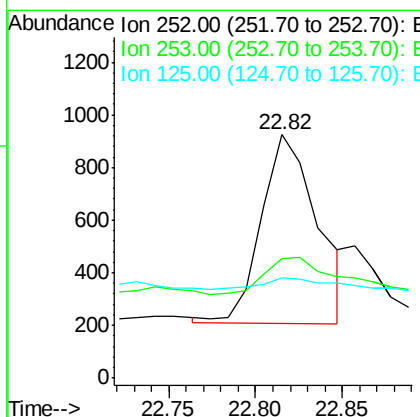
RT: 22.82 min Scan# 1482

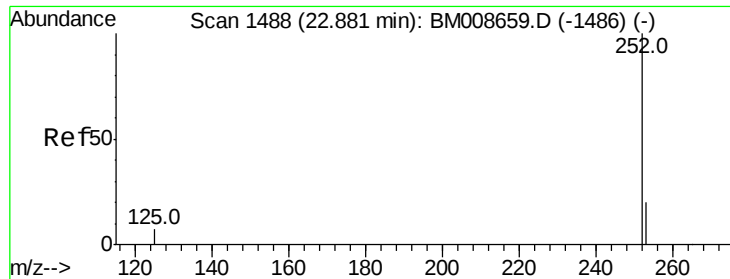
Delta R.T. -0.02 min

Lab File: BM008671.D

Acq: 25 Dec 2016 14:55

Tgt Ion:	252	Resp:	1621
Ion Ratio	Lower	Upper	
252	100		
253	49.2	0.0	64.2
125	41.3	0.0	35.0#





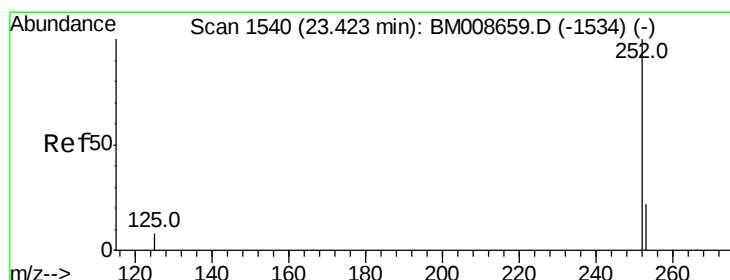
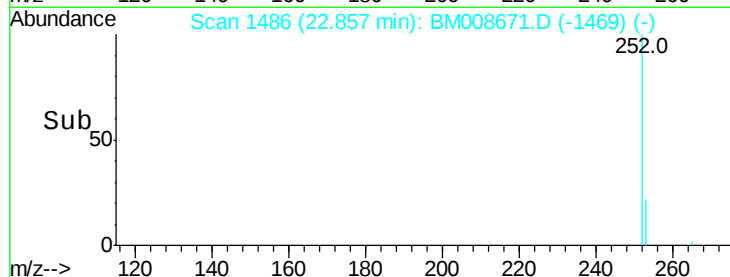
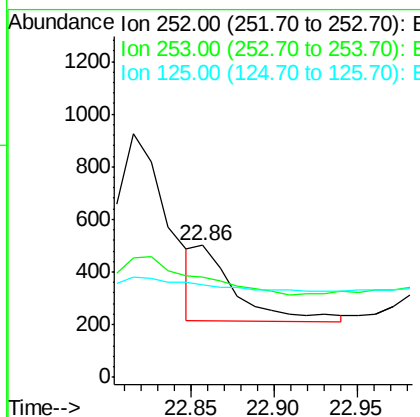
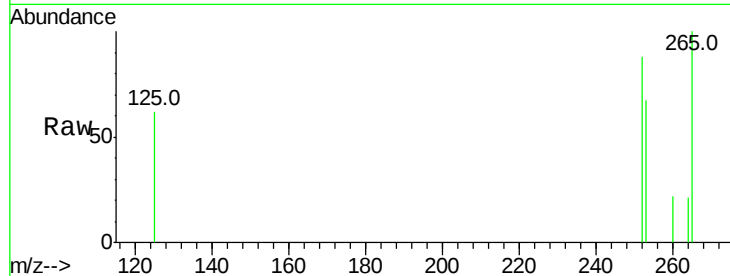
#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BM008671.D
Acq: 25 Dec 2016 14:55

Instrument :
BNA_M
ClientSampled :
DA888DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	75.8	24.5	36.7#
125	70.3	13.7	20.5#

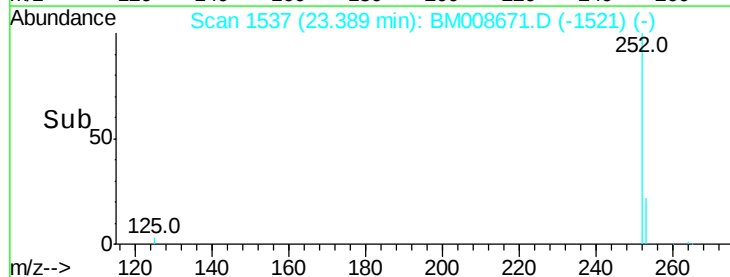
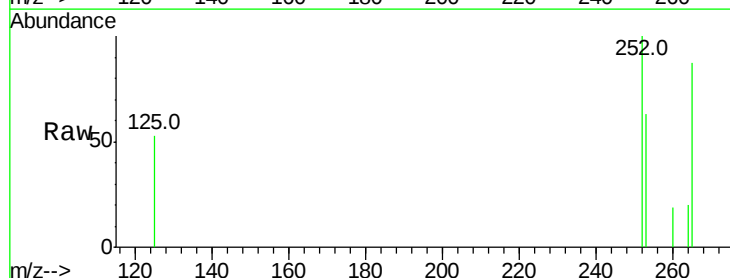
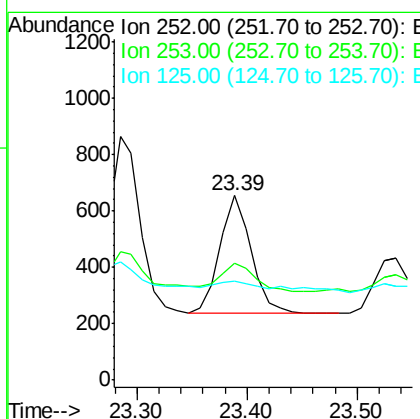
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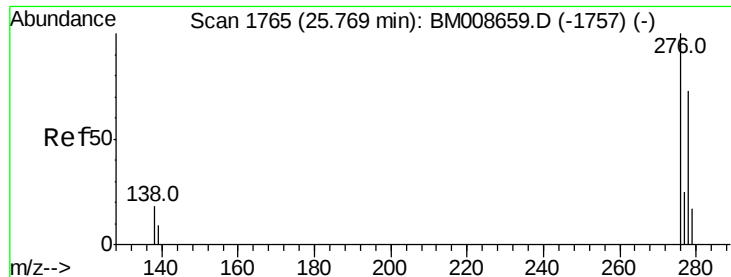
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#23
Benzo(a)pyrene
Concen: 0.17 ng/ul
RT: 23.39 min Scan# 1537
Delta R.T. -0.03 min
Lab File: BM008671.D
Acq: 25 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.2	28.5	42.7#
125	53.4	18.1	27.1#





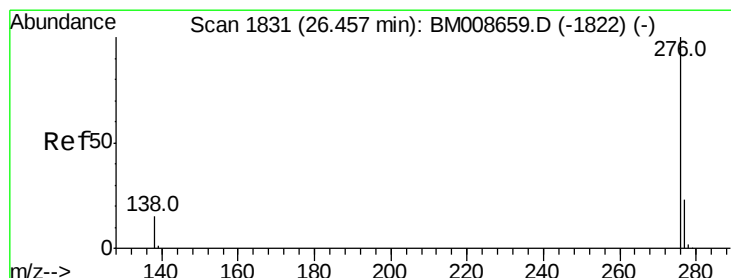
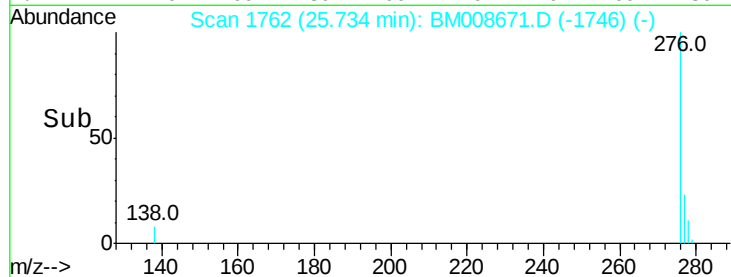
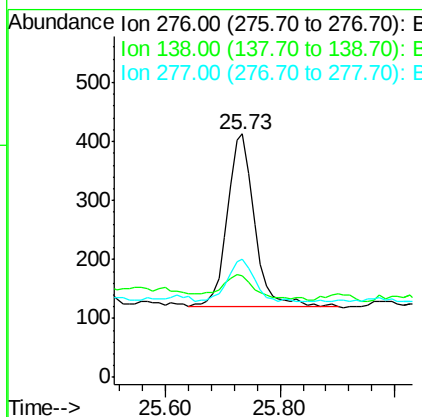
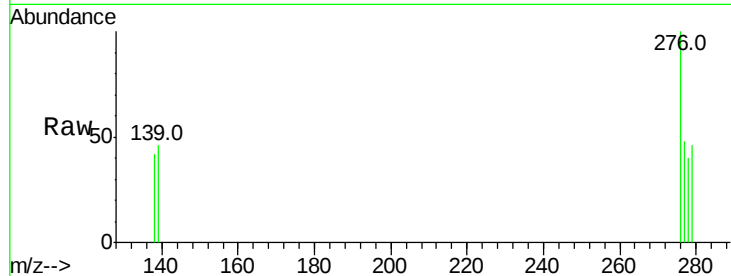
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.16 ng/ul
 RT: 25.73 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BM008671.D
 Acq: 25 Dec 2016 14:55

Instrument :
 BNA_M
 ClientSampled :
 DA888DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	19.1	28.7#
277	24.8	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.29 ng/ul
 RT: 26.42 min Scan# 1828
 Delta R.T. -0.03 min
 Lab File: BM008671.D
 Acq: 25 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	42.5	21.8	32.8#
138	36.6	20.5	30.7#

