

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008668.D
 Acq On : 25 Dec 2016 13:08
 Operator : UM/SJ
 Sample : H5995-02DL 10X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA863DL

Manual Integrations
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Quant Time: Dec 26 04:46:19 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	409	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.43	136	1355	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	832	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	1918	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1648	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1586	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	127m	0.06	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	176m	0.03	ng/ul	-0.04
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	7079	1.86	ng/ul	95
5) 2-Methylnaphthalene	12.10	142	1701	0.66	ng/ul	91
8) Acenaphthene	14.35	153	9185	3.24	ng/ul	90
9) Fluorene	15.34	166	5644	1.75	ng/ul	87
12) Phenanthrene	17.07	178	56563	9.66	ng/ul	95
13) Anthracene	17.18	178	11906	2.09	ng/ul	96
15) Fluoranthene	19.11	202	77098	10.74	ng/ul	93
17) Pyrene	19.48	202	67535	10.60	ng/ul	96
18) Benzo(a)anthracene	21.22	228	36444	6.73	ng/ul	99
19) Chrysene	21.28	228	32135	5.42	ng/ul	92
21) Benzo(b)fluoranthene	22.81	252	47633m	7.62	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	18206m	2.99	ng/ul	
23) Benzo(a)pyrene	23.37	252	35832	6.19	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.71	276	25517	3.70	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.71	278	5289	0.96	ng/ul	98
26) Benzo(a,h,i)perylene	26.39	276	22182	3.75	ng/ul#	90

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

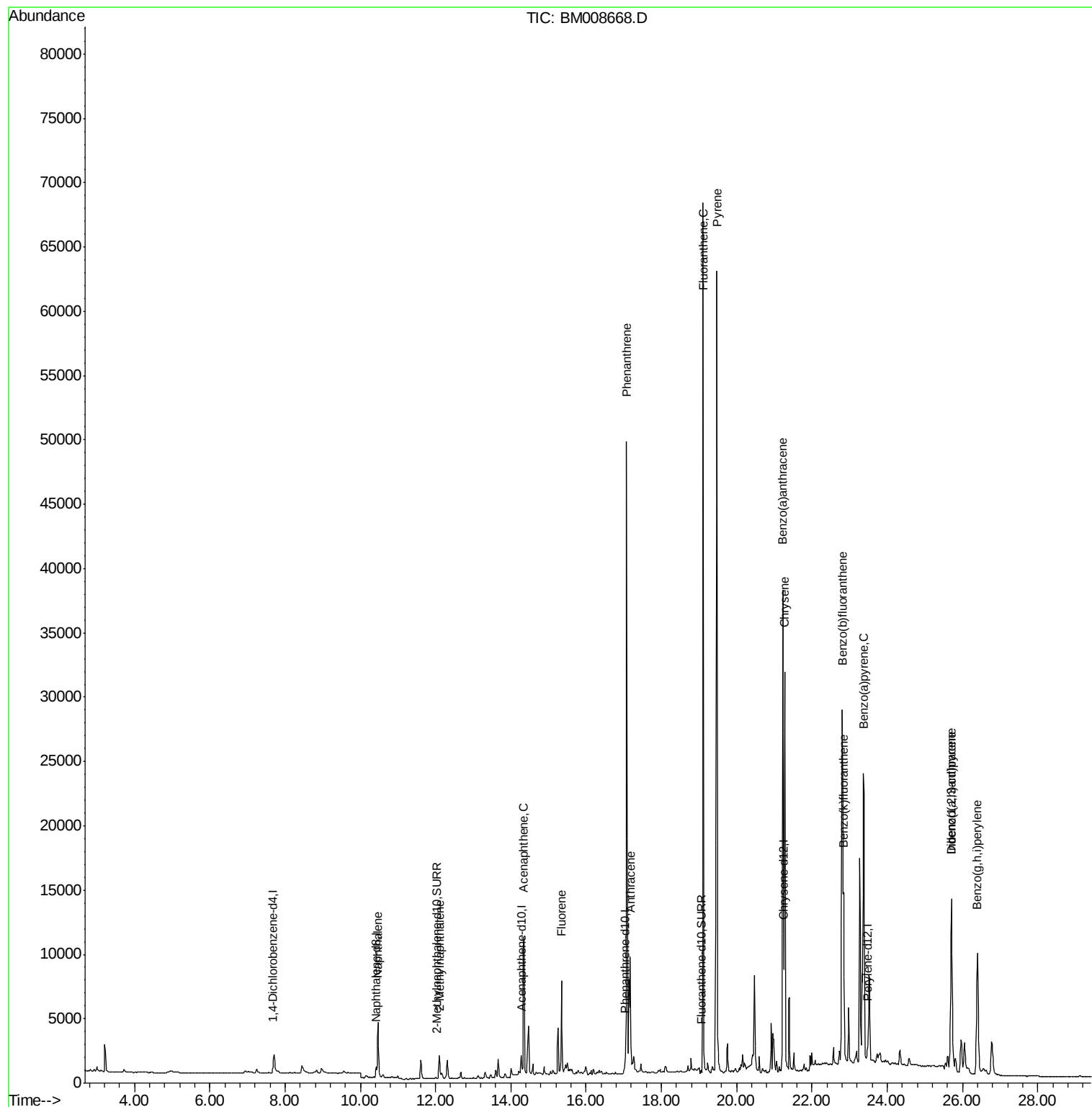
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008668.D
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Sample : H5995-02DL 10X
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ALS Vial : 82 Sample Multiplier: 1

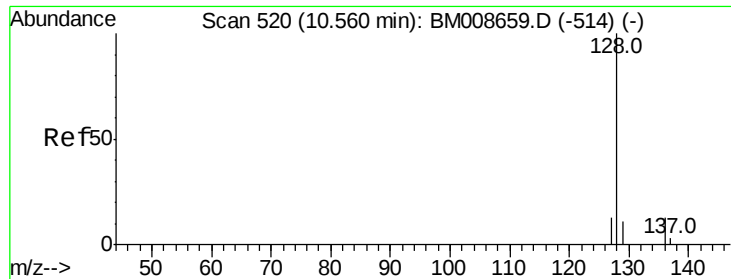
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Quant Time: Dec 26 04:46:19 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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#3

Naphthalene

Concen: 1.86 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.08 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Instrument :

BNA_M

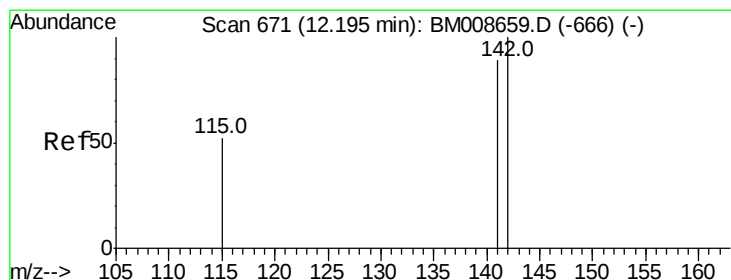
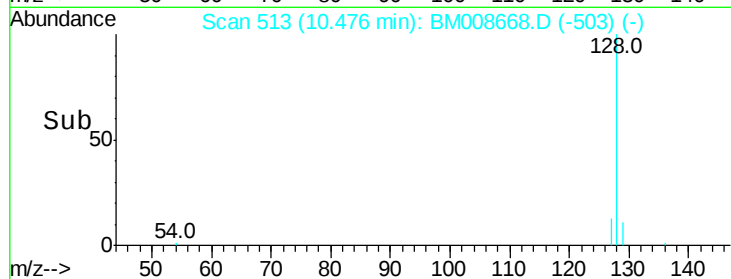
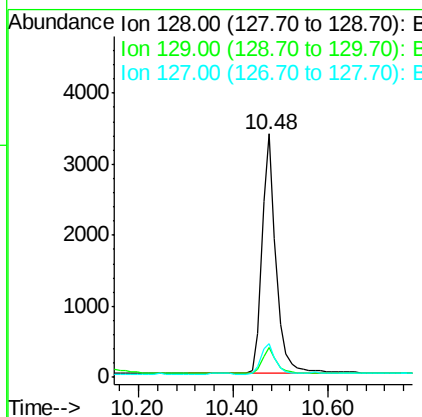
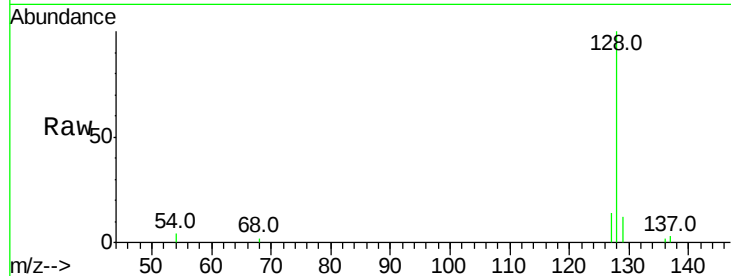
ClientSampleId :

DA863DL

Tot Ion:	128	Resp:	7079
Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	14.1	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 0.66 ng/ul

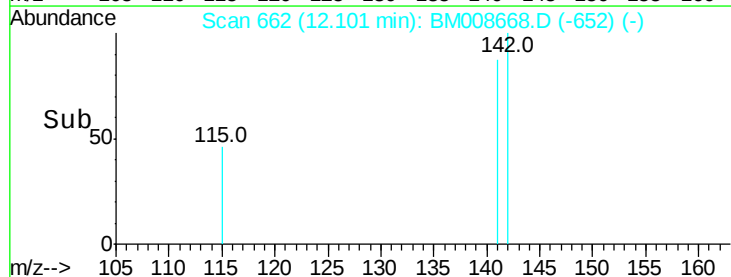
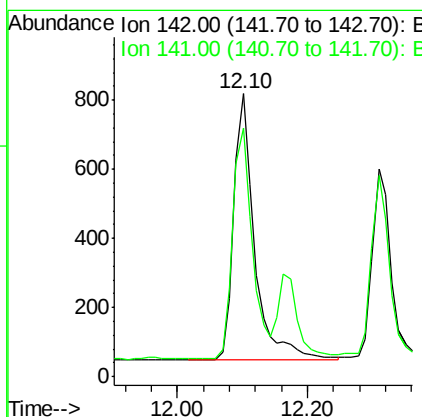
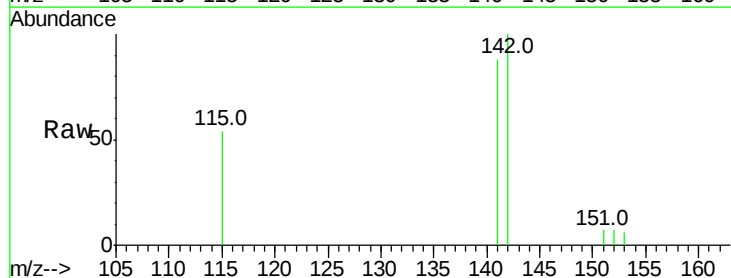
RT: 12.10 min Scan# 662

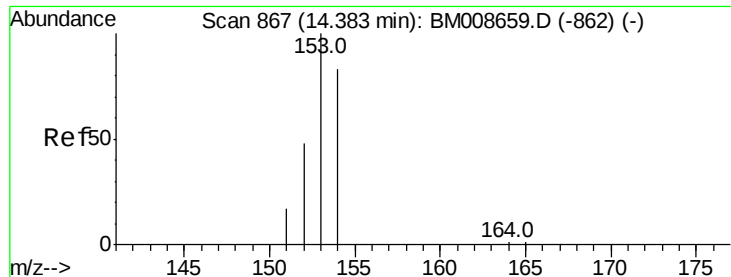
Delta R.T. -0.09 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Tgt Ion:	142	Resp:	1701
Ion	Ratio	Lower	Upper
142	100		
141	82.1	72.6	108.8





#8

Acenaphthene

Concen: 3.24 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Instrument :

BNA_M

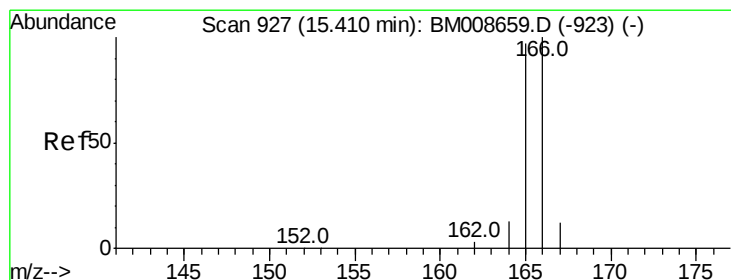
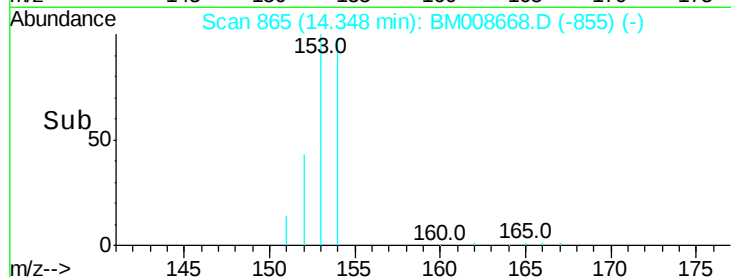
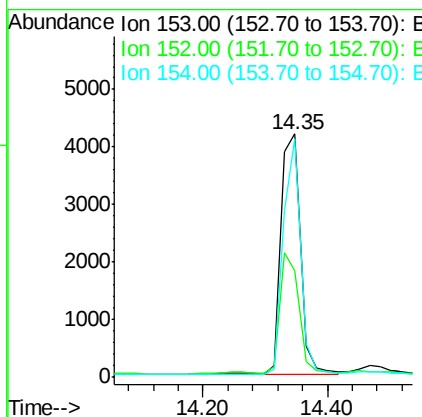
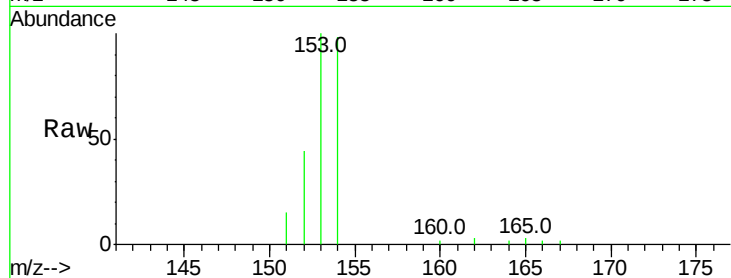
ClientSampleId :

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Tot Ion:	153	Resp:	9185
Ion	Ratio	Lower	Upper
153	100		
152	43.6	40.3	60.5
154	98.1	71.4	107.2

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#9

Fluorene

Concen: 1.75 ng/ul

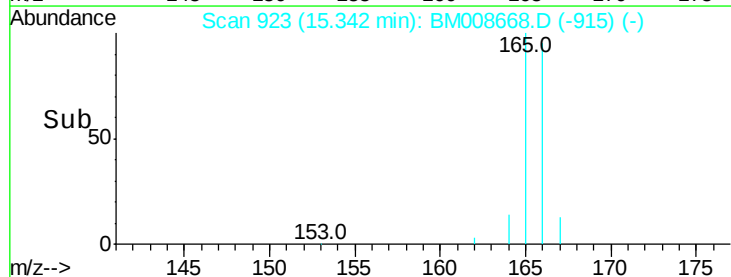
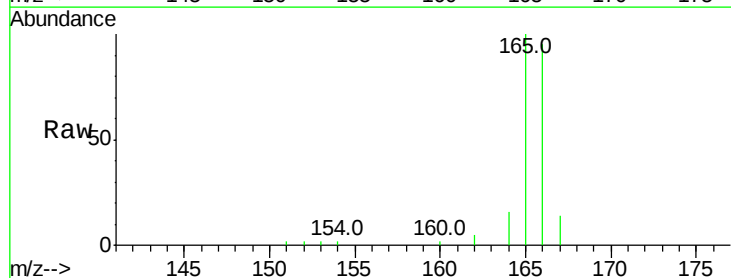
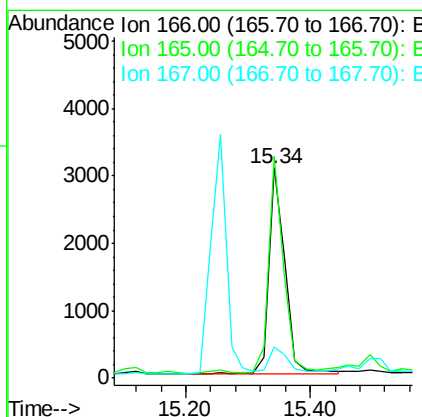
RT: 15.34 min Scan# 923

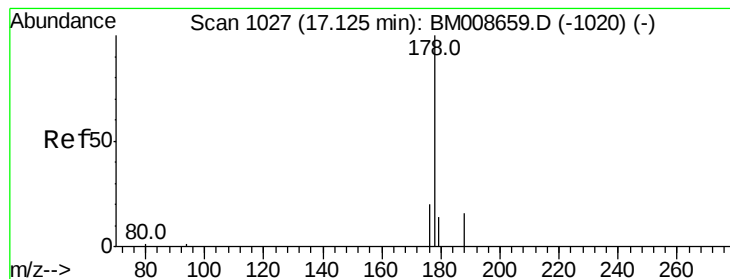
Delta R.T. -0.07 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Tgt Ion:	166	Resp:	5644
Ion	Ratio	Lower	Upper
166	100		
165	105.8	73.4	110.2
167	15.1	14.6	22.0





#12

Phenanthrene

Concen: 9.66 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BM008668.D

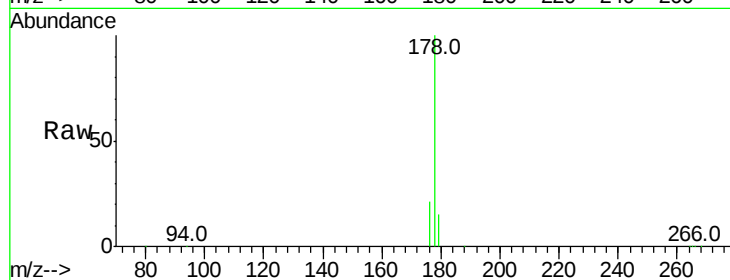
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Instrument :

BNA_M

ClientSampleId :

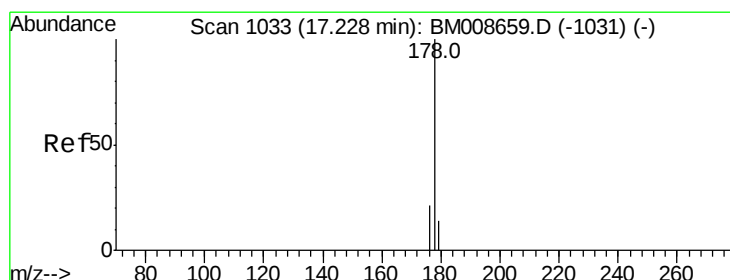
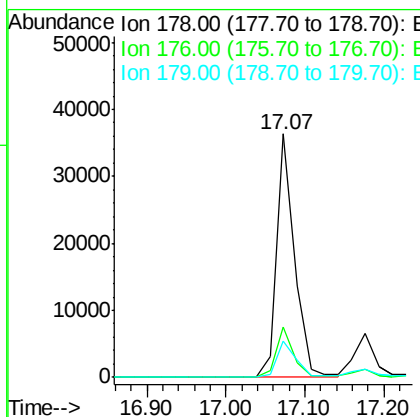
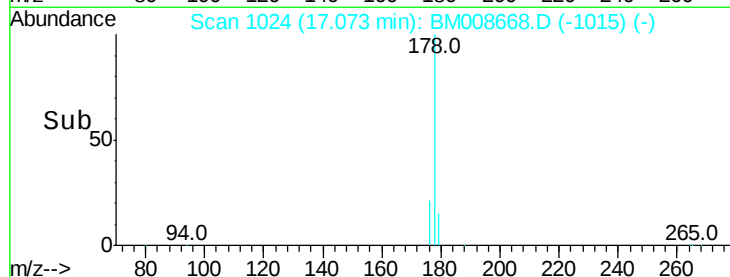
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Tot Ion:	178	Resp:	56563
Ion Ratio	Lower	Upper	
178	100		
176	20.8	18.4	27.6
179	14.8	13.6	20.4

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#13

Anthracene

Concen: 2.09 ng/ul

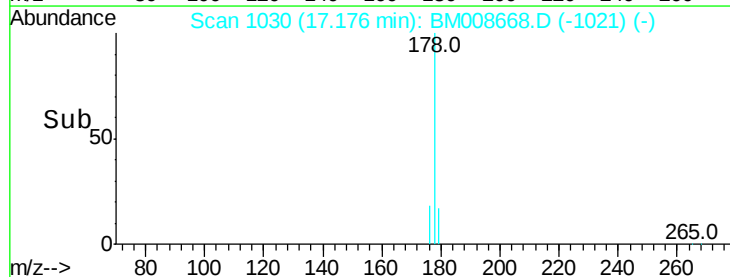
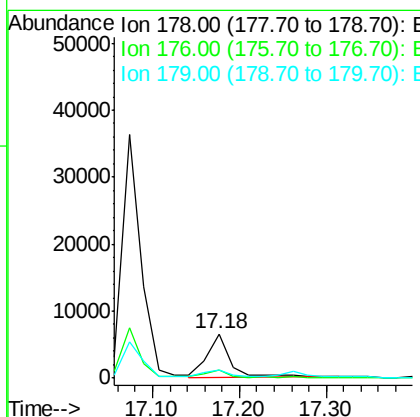
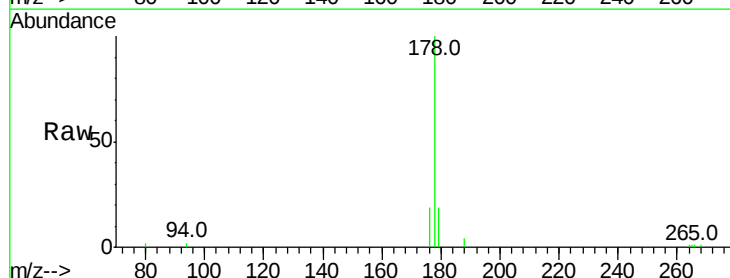
RT: 17.18 min Scan# 1030

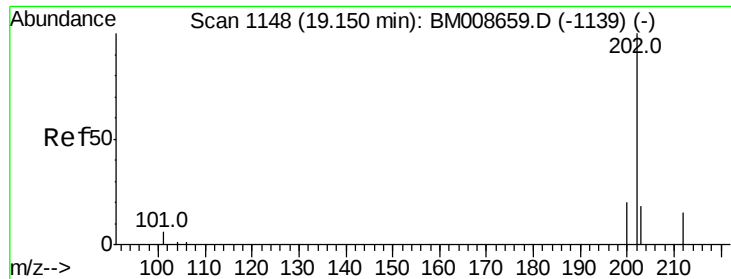
Delta R.T. -0.05 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Tgt Ion:	178	Resp:	11906
Ion Ratio	Lower	Upper	
178	100		
176	19.4	18.1	27.1
179	18.9	14.7	22.1





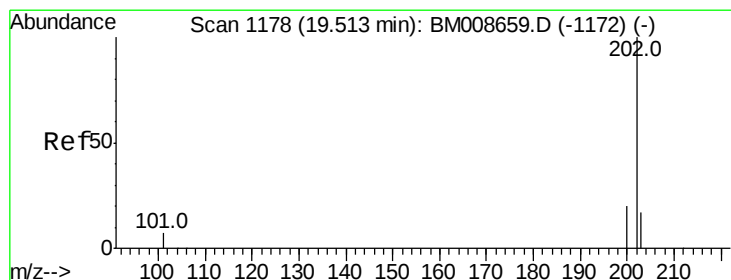
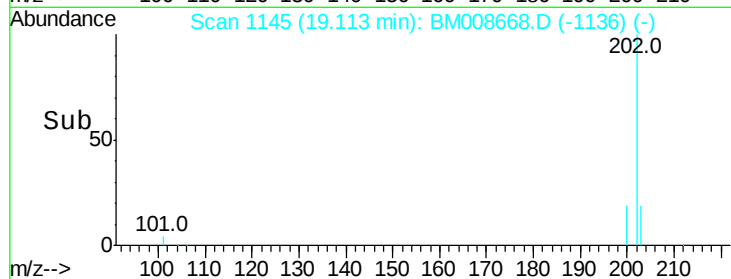
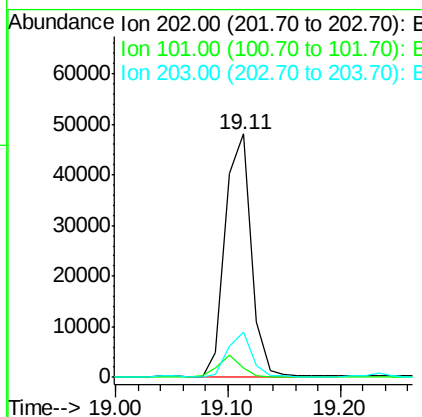
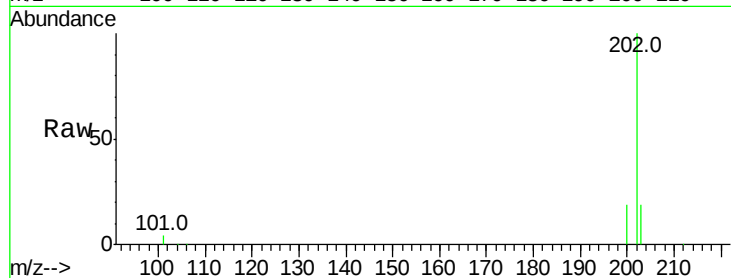
#15
Fluoranthene
 Concen: 10.74 ng/ul
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BM008668.D
 Acq: 25 Dec 2016 13:08

Instrument :
 BNA_M
 ClientSampleId :
 DA863DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.1	0.0	30.3
203	18.6	0.0	39.5

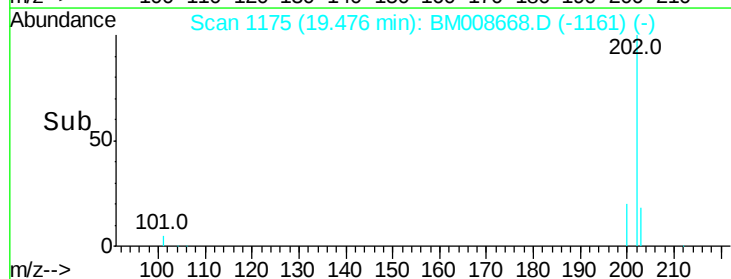
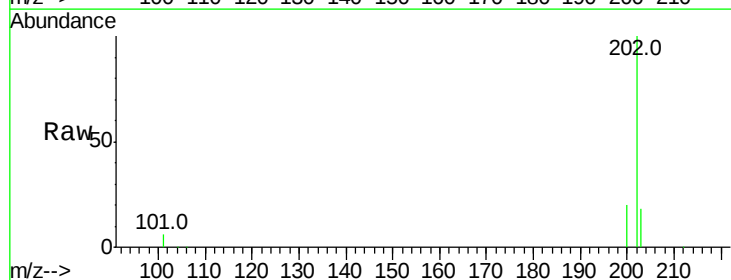
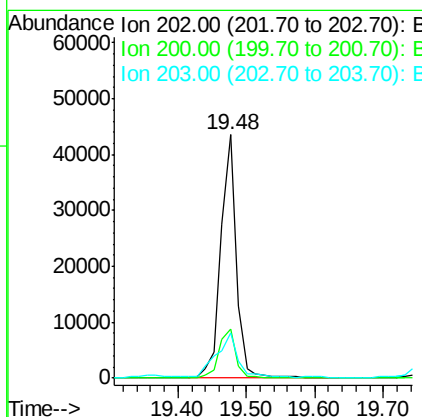
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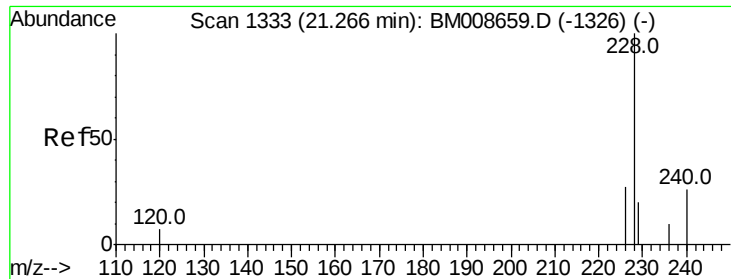
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#17
Pyrene
 Concen: 10.60 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008668.D
 Acq: 25 Dec 2016 13:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	18.2	27.4
203	18.3	15.6	23.4





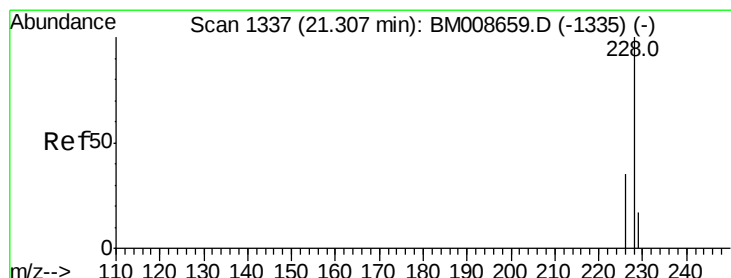
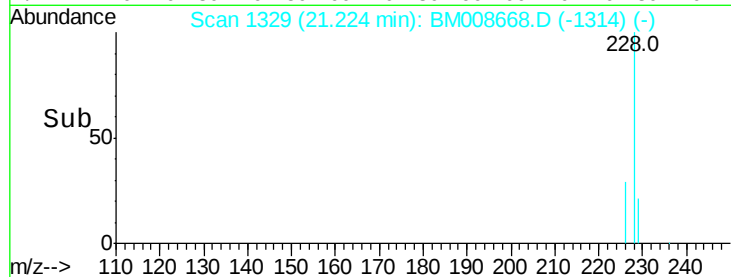
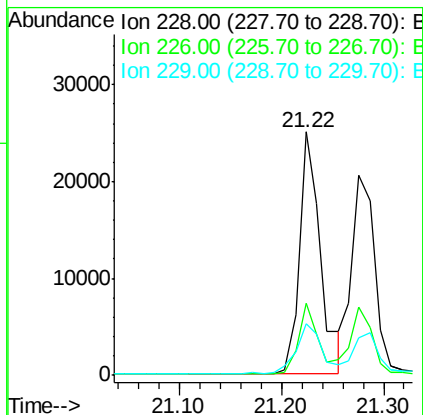
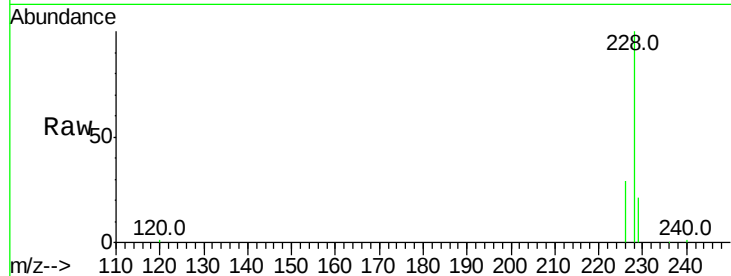
#18
Benzo(a)anthracene
Concen: 6.73 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Instrument :
BNA_M
ClientSampleId :
DA863DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.8	34.2
229	21.2	17.0	25.6

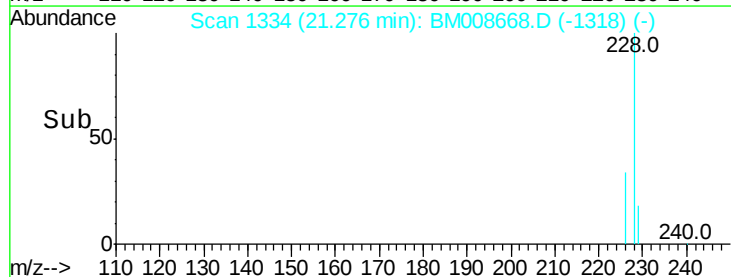
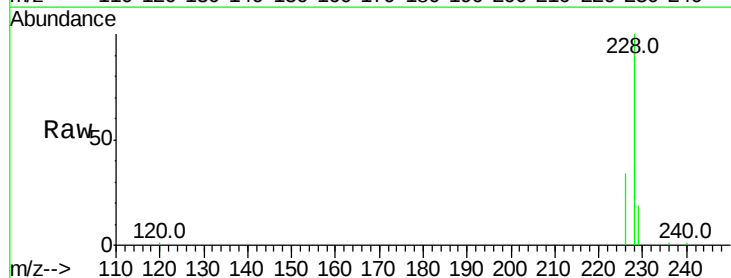
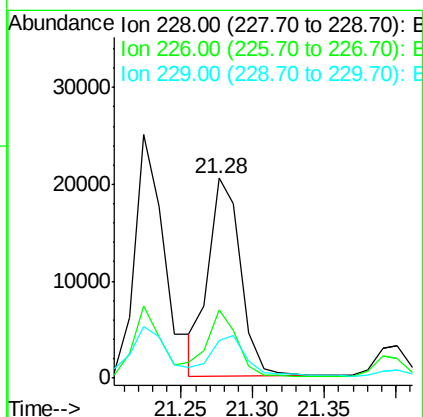
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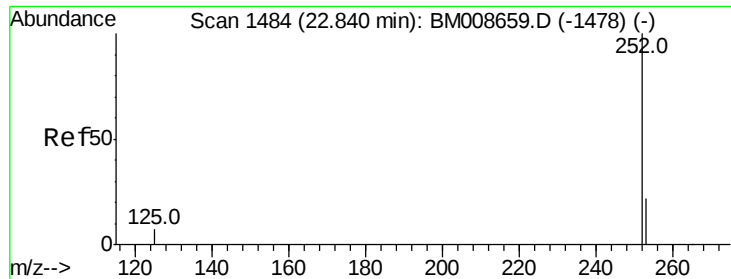
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#19
Chrysene
Concen: 5.42 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.0
229	18.6	17.7	26.5





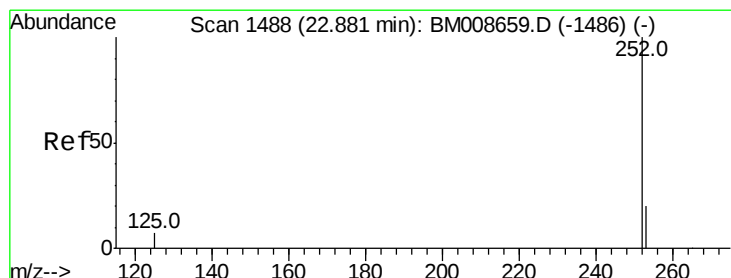
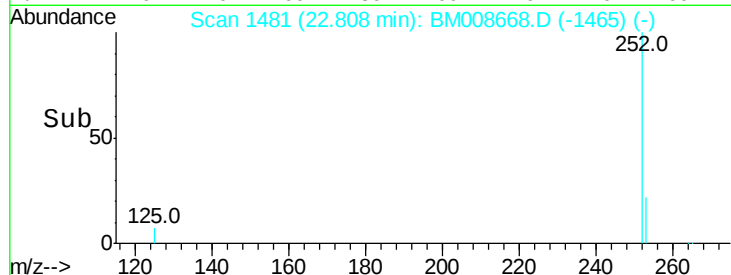
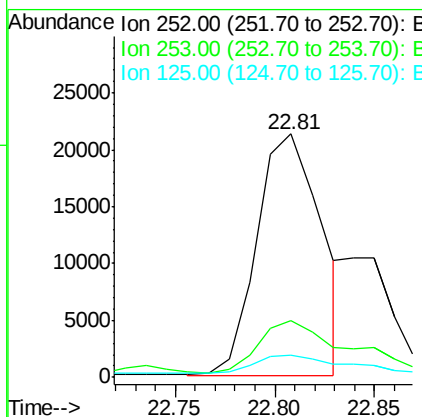
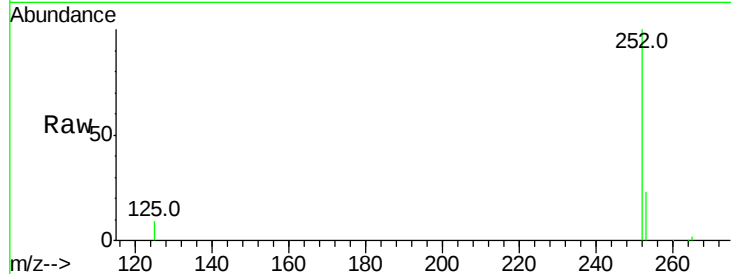
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Benzo(b)fluoranthene
Concen: 7.62 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Instrument :
BNA_M
ClientSampleId :
DA863DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	9.0	0.0	35.0

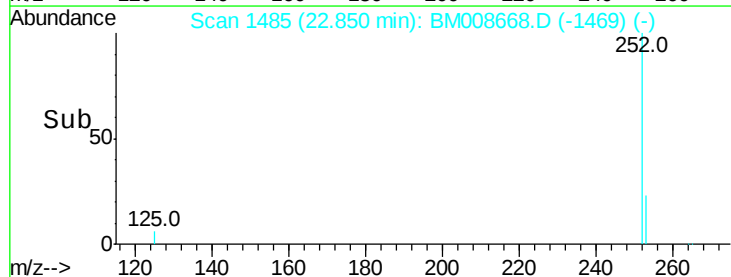
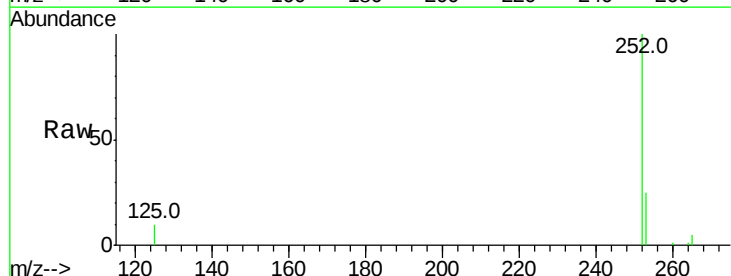
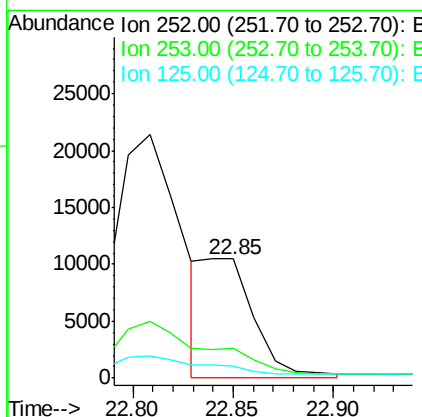
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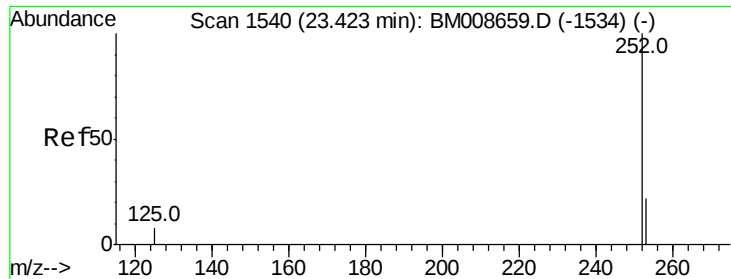
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#22
Benzo(k)fluoranthene
Concen: 2.99 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	9.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 6.19 ng/ul

RT: 23.37 min Scan# 1535

Delta R.T. -0.05 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Instrument :

BNA_M

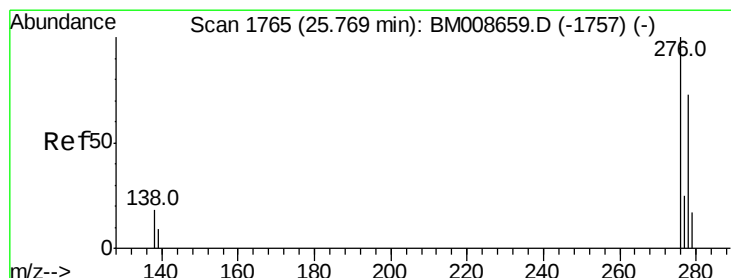
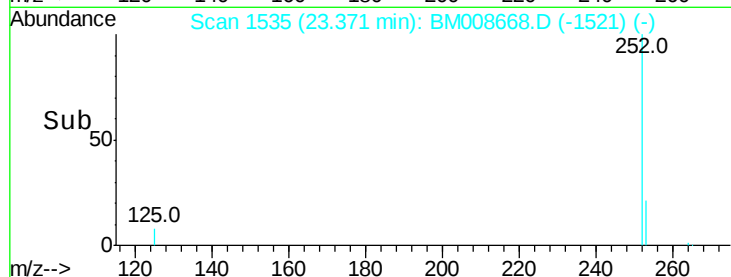
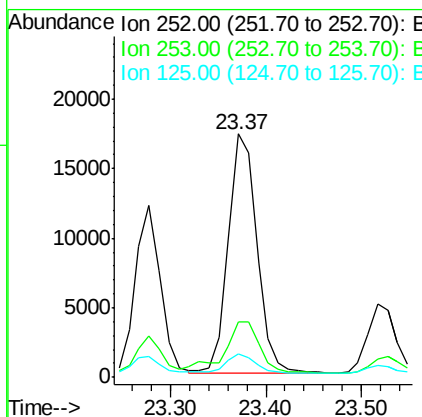
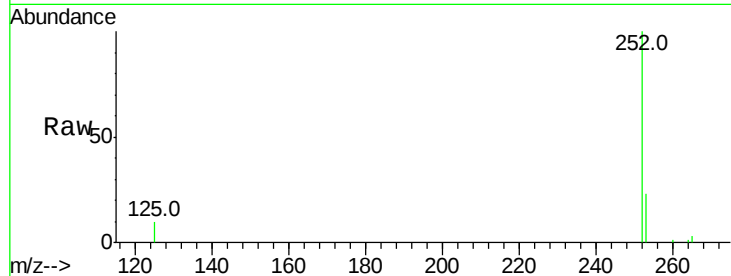
ClientSampleId :

DA863DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	28.5	42.7#
125	9.6	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 3.70 ng/ul

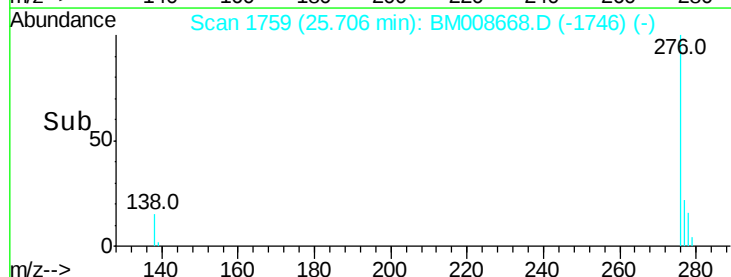
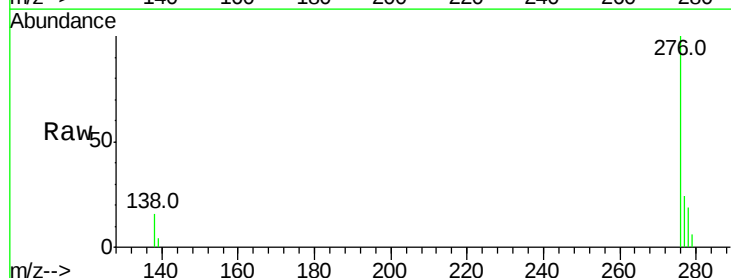
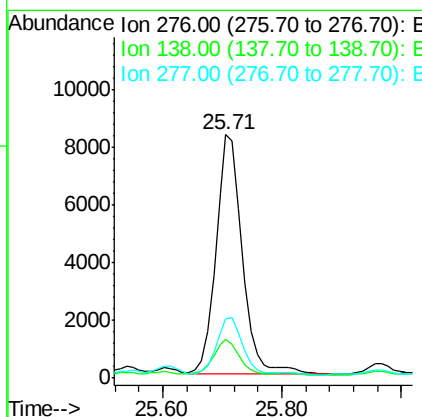
RT: 25.71 min Scan# 1759

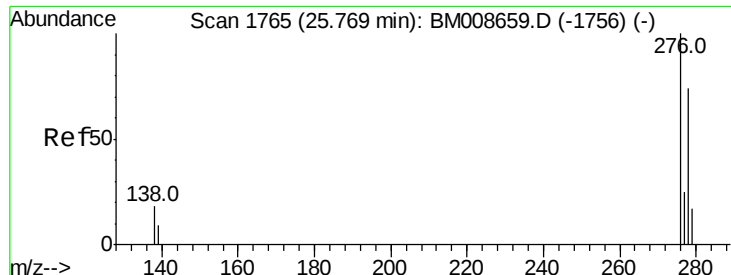
Delta R.T. -0.06 min

Lab File: BM008668.D

Acq: 25 Dec 2016 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	19.1	28.7#
277	24.4	19.6	29.4





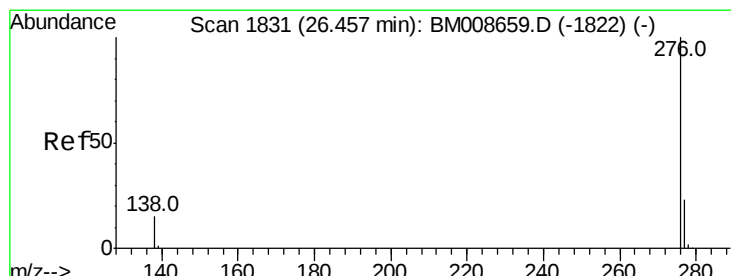
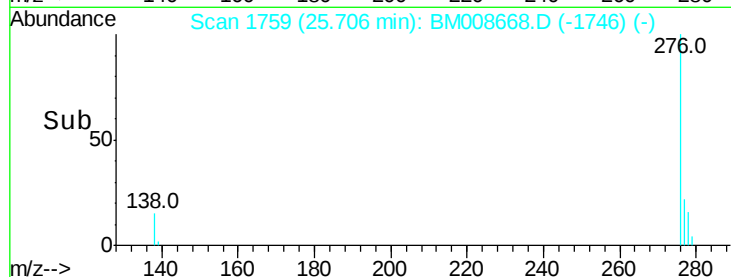
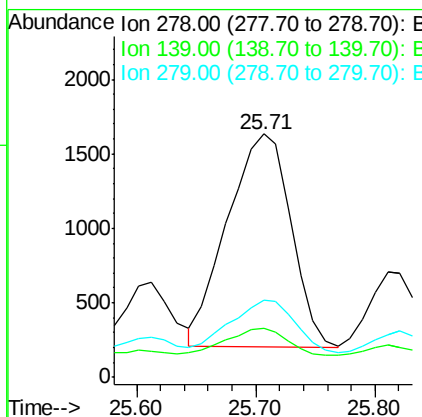
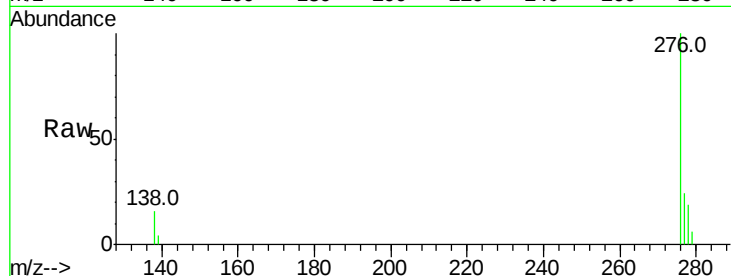
#25
Dibenzo(a,h)anthracene
Concen: 0.96 ng/ul
RT: 25.71 min Scan# 1759
Delta R.T. -0.06 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Instrument :
BNA_M
ClientSampleId :
DA863DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.4	26.0
279	31.7	25.9	38.9

Manual Integrations
APPROVED

sohil
12/26/2016 6:29:48 PM



#26
Benzo(g,h,i)perylene
Concen: 3.75 ng/ul
RT: 26.39 min Scan# 1825
Delta R.T. -0.06 min
Lab File: BM008668.D
Acq: 25 Dec 2016 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	21.8	32.8
138	17.1	20.5	30.7#

