

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008571.D
 Acq On : 23 Dec 2016 00:28
 Operator : UM/SJ
 Sample : H5970-13DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA852DL

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Quant Time: Dec 23 10:48:20 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	382	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.44	136	1264	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	754	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1638	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1420	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1517	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	179	0.09	ng/ul	-0.04
14) Fluoranthene-d10	19.08	212	516m	0.11	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	900	0.25	ng/ul#	80
5) 2-Methylnaphthalene	12.10	142	1902	0.79	ng/ul	100
8) Acenaphthene	14.35	153	195	0.08	ng/ul#	86
9) Fluorene	15.34	166	574	0.20	ng/ul#	63
12) Phenanthrene	17.07	178	2071	0.41	ng/ul#	86
13) Anthracene	17.18	178	286	0.06	ng/ul#	42
15) Fluoranthene	19.11	202	1468m	0.24	ng/ul	
17) Pyrene	19.47	202	1634	0.30	ng/ul#	83
18) Benzo(a)anthracene	21.23	228	763	0.16	ng/ul#	56
19) Chrysene	21.28	228	725	0.14	ng/ul#	56
21) Benzo(b)fluoranthene	22.80	252	862m	0.14	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	296m	0.05	ng/ul	
23) Benzo(a)pyrene	23.38	252	766	0.14	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.71	276	463	0.07	ng/ul#	88
26) Benzo(g,h,i)perylene	26.40	276	489	0.09	ng/ul#	50

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

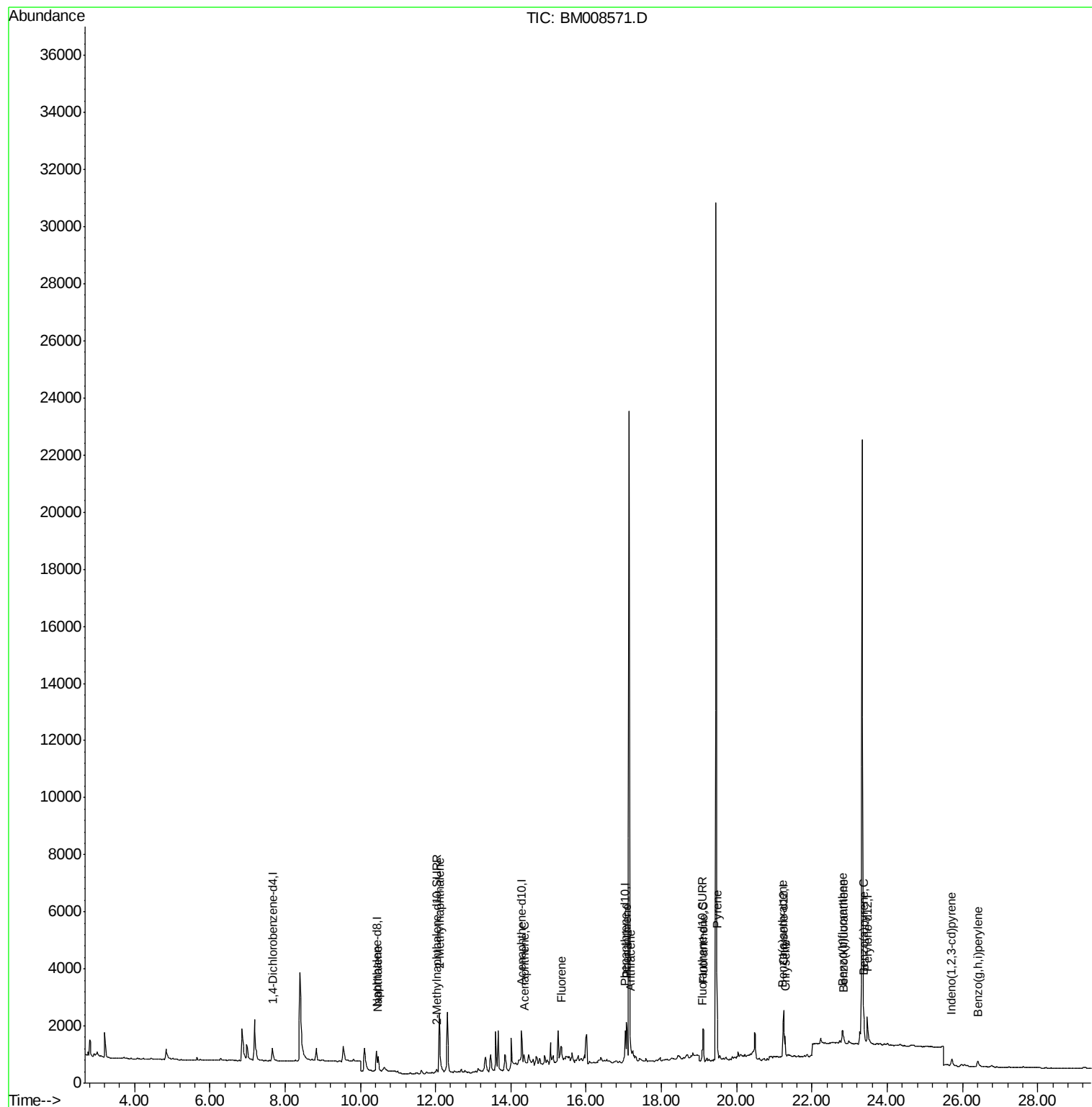
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008571.D
Acq On : 23 Dec 2016 00:28
Operator : UM/SJ
Sample : H5970-13DL 2X
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ALS Vial : 20 Sample Multiplier: 1

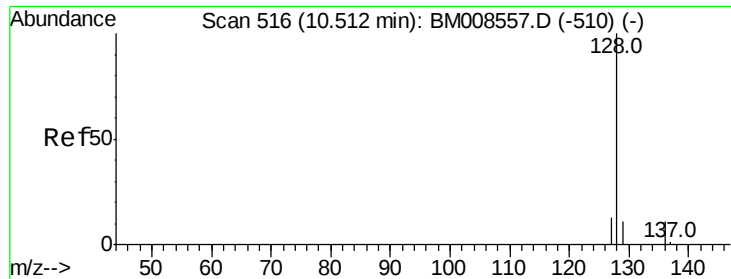
Instrument :
BNA_M
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DA852DL

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Quant Time: Dec 23 10:48:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 04:12:47 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.25 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.04 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Instrument :

BNA_M

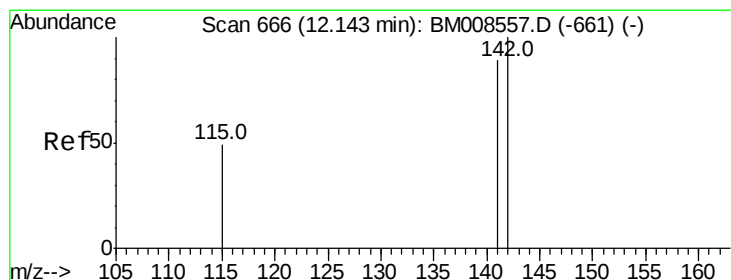
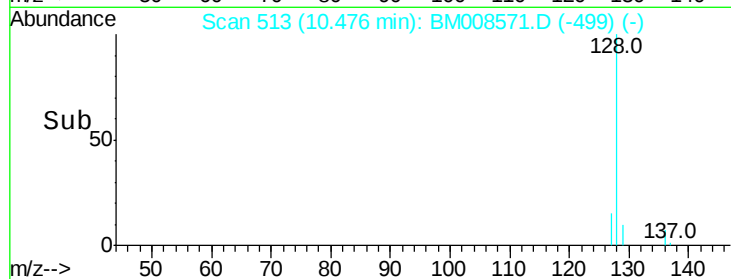
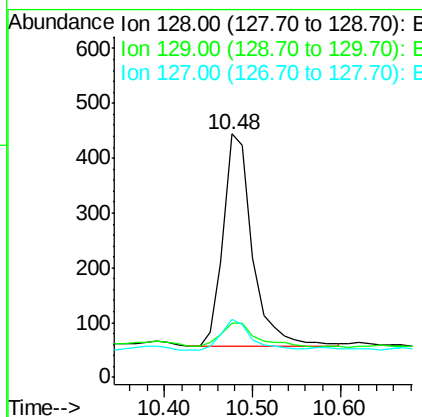
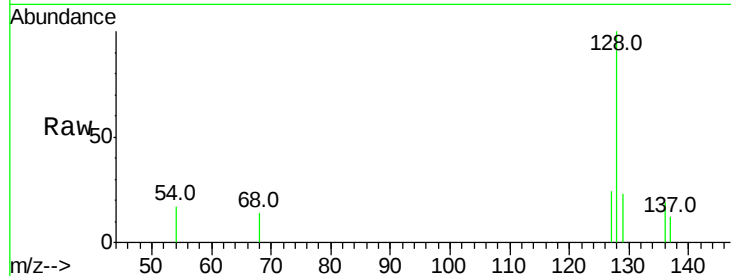
ClientSampleId :

DA852DL

Tot Ion:	128	Resp:	900
Ion Ratio	Lower	Upper	
128	100		
129	22.5	11.3	16.9#
127	24.1	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.79 ng/ul

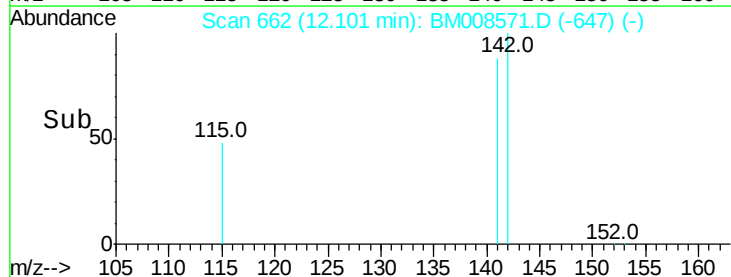
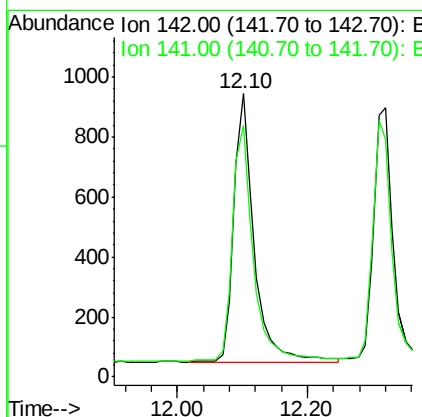
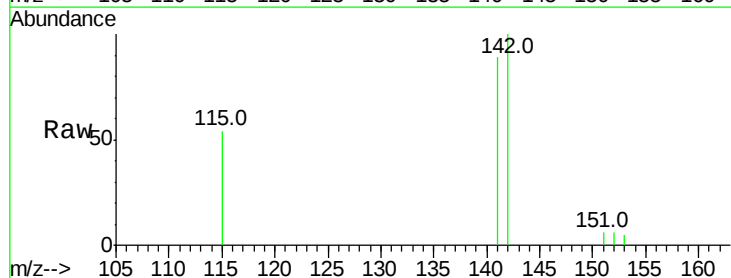
RT: 12.10 min Scan# 662

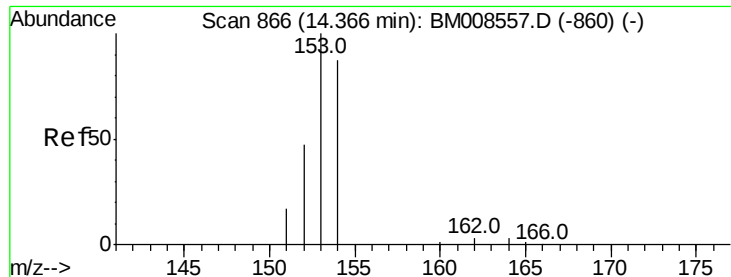
Delta R.T. -0.04 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Tgt Ion:	142	Resp:	1902
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	108.8





#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Instrument :

BNA_M

ClientSampled :

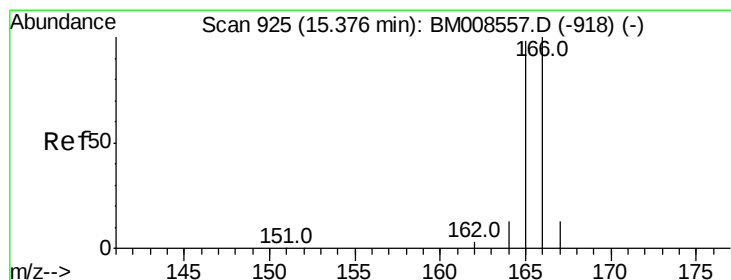
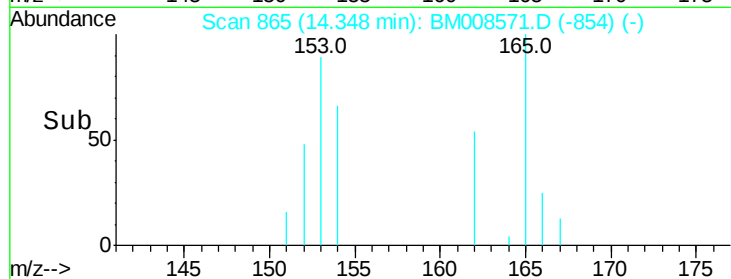
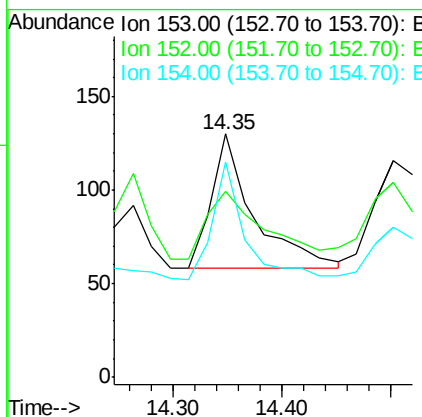
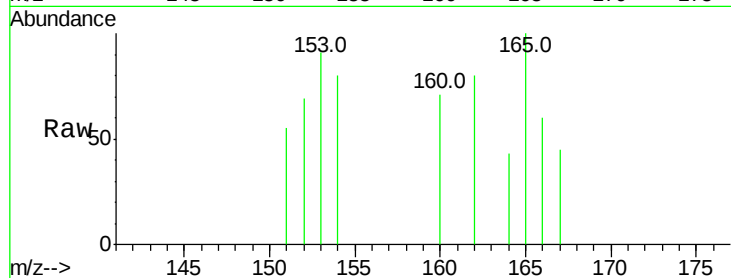
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Tot Ion:153 Resp: 195

Ion	Ratio	Lower	Upper
153	100		
152	76.2	40.3	60.5#
154	88.5	71.4	107.2

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#9

Fluorene

Concen: 0.20 ng/ul

RT: 15.34 min Scan# 923

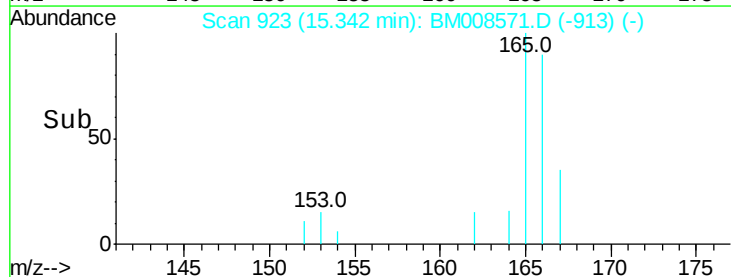
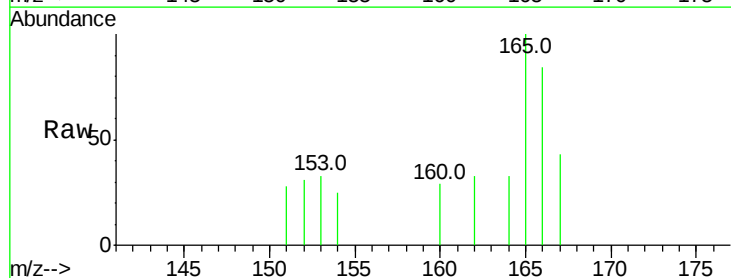
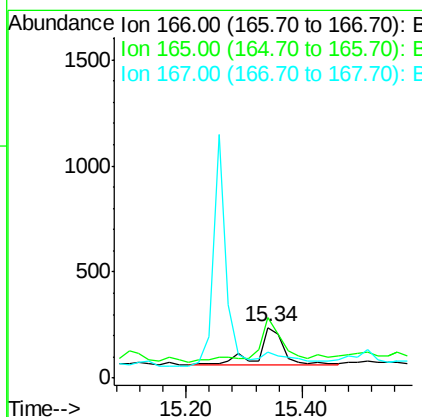
Delta R.T. -0.03 min

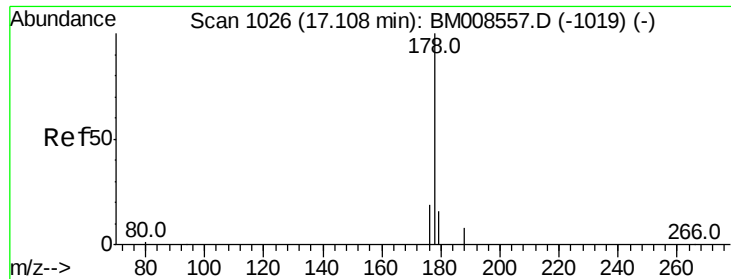
Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Tgt Ion:166 Resp: 574

Ion	Ratio	Lower	Upper
166	100		
165	119.7	73.4	110.2#
167	51.5	14.6	22.0#





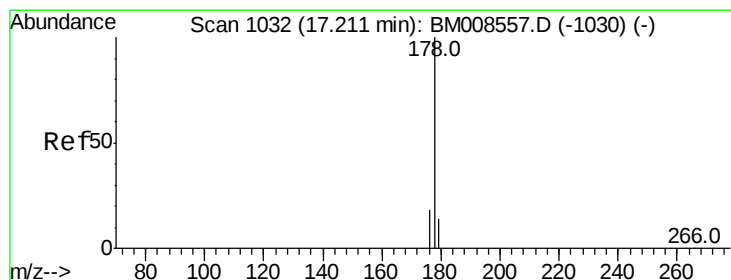
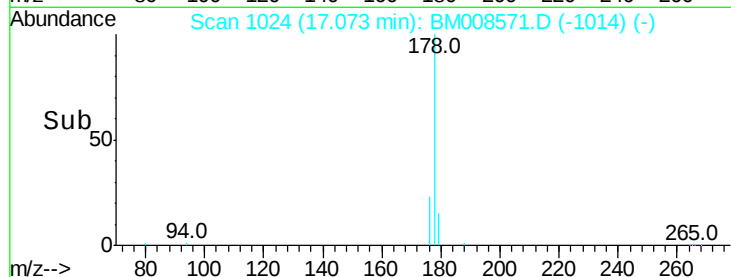
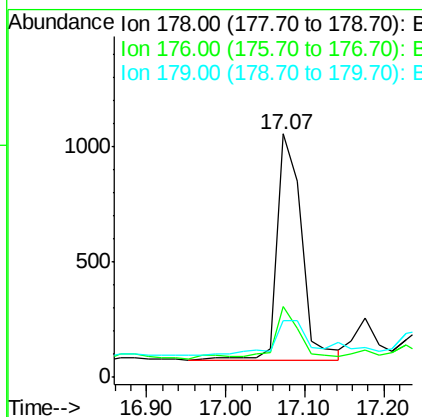
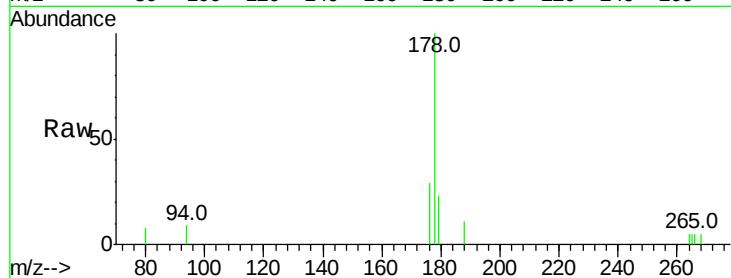
#12
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008571.D
Acq: 23 Dec 2016 00:28

Instrument :
BNA_M
ClientSampled :
DA852DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	29.3	18.4	27.6#
179	23.3	13.6	20.4#

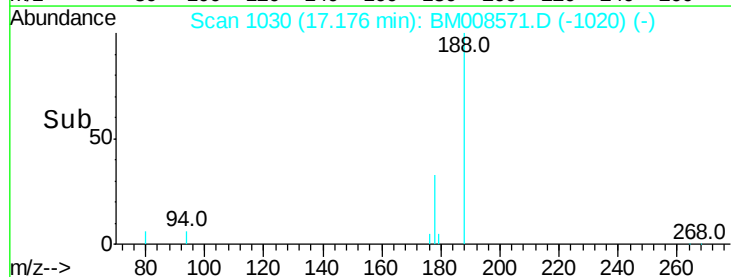
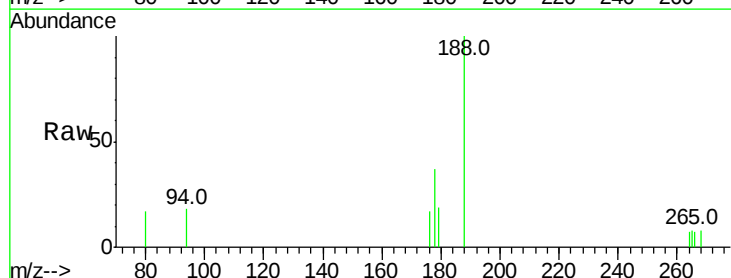
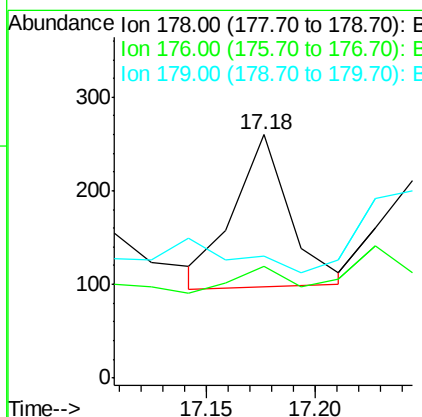
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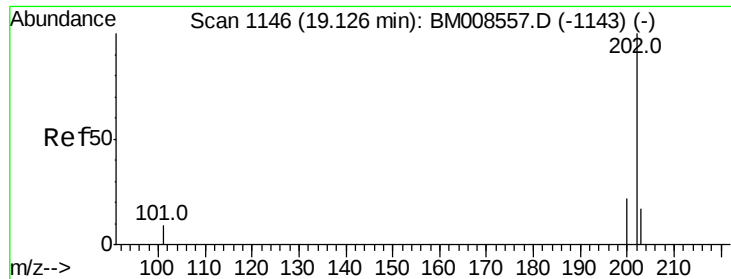
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#13
Anthracene
Concen: 0.06 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BM008571.D
Acq: 23 Dec 2016 00:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	45.8	18.1	27.1#
179	50.0	14.7	22.1#





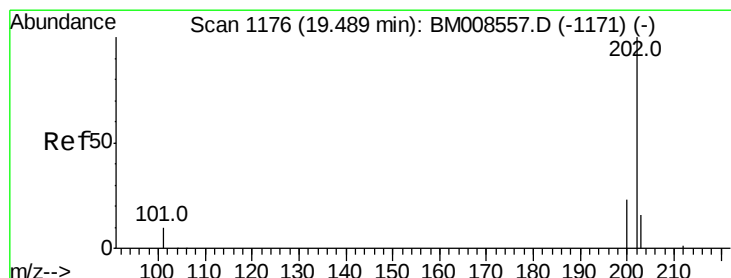
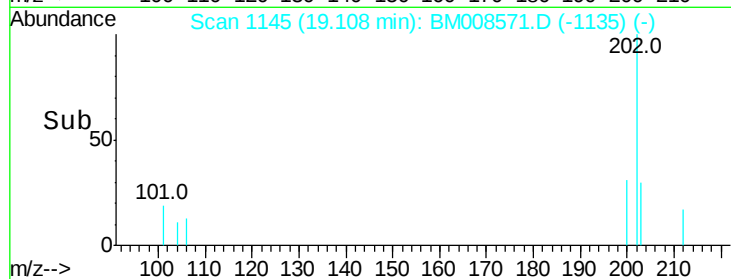
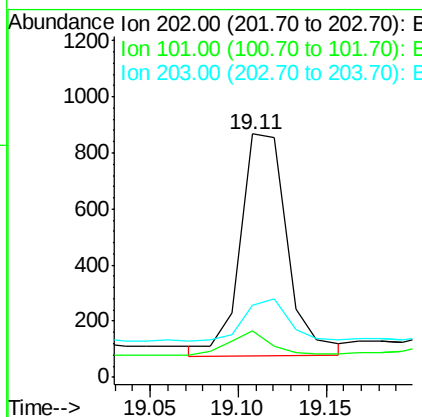
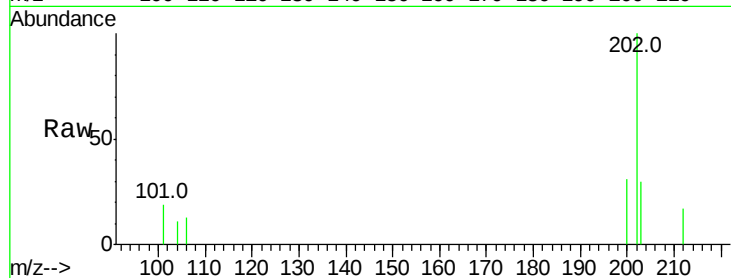
#15
Fluoranthene
 Concen: 0.24 ng/ul m
 RT: 19.11 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BM008571.D
 Acq: 23 Dec 2016 00:28

Instrument :
 BNA_M
 ClientSampleId :
 DA852DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1468		
101	18.9		0.0	30.3
203	29.7		0.0	39.5

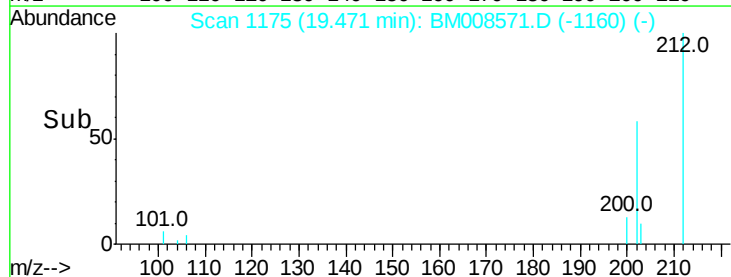
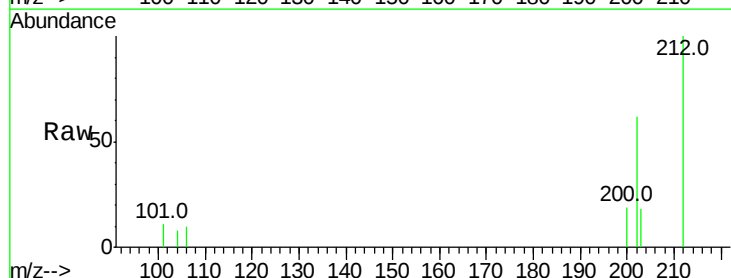
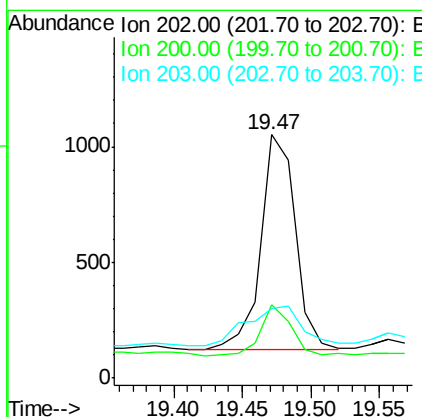
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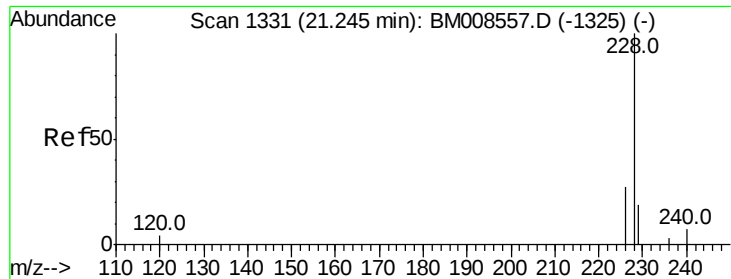
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#17
Pyrene
 Concen: 0.30 ng/ul
 RT: 19.47 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BM008571.D
 Acq: 23 Dec 2016 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1634		
200	30.0		18.2	27.4#
203	28.4		15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.16 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Instrument :

BNA_M

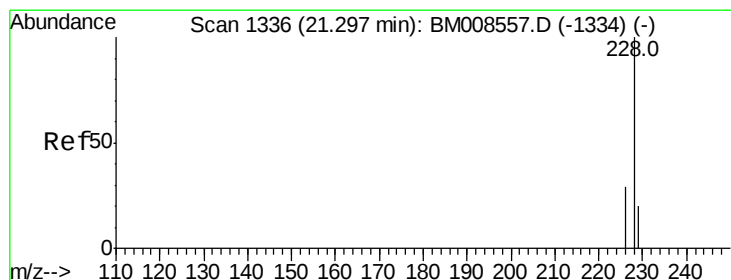
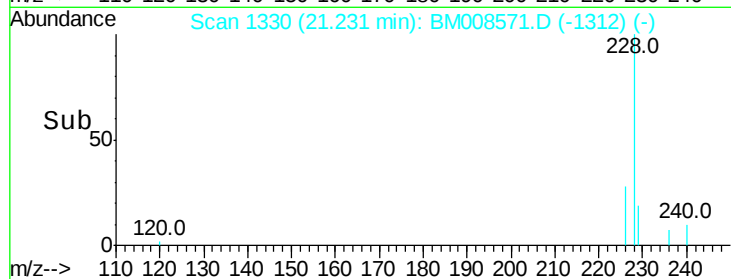
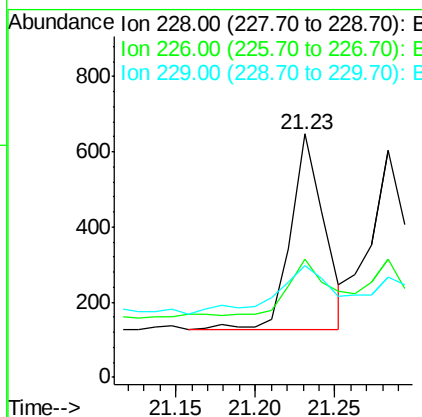
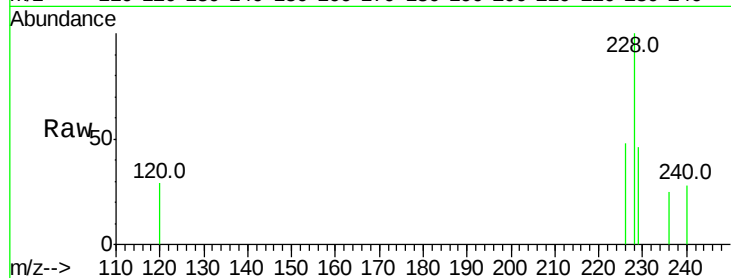
ClientSampleId :

DA852DL

Tot Ion:	228	Resp:	763
Ion Ratio	Lower	Upper	
228	100		
226	48.5	22.8	34.2#
229	46.0	17.0	25.6#

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#19

Chrysene

Concen: 0.14 ng/ul

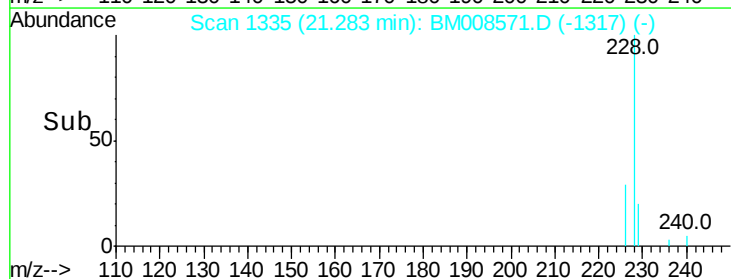
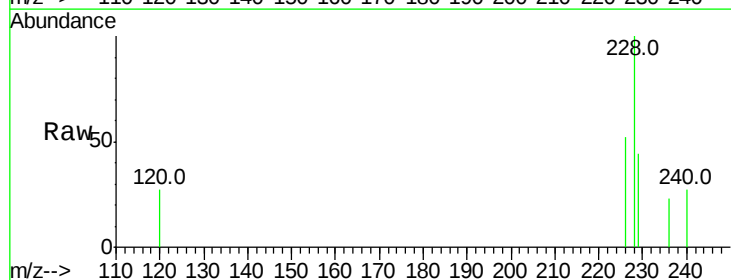
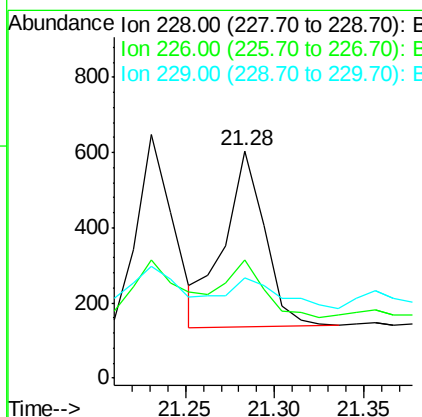
RT: 21.28 min Scan# 1335

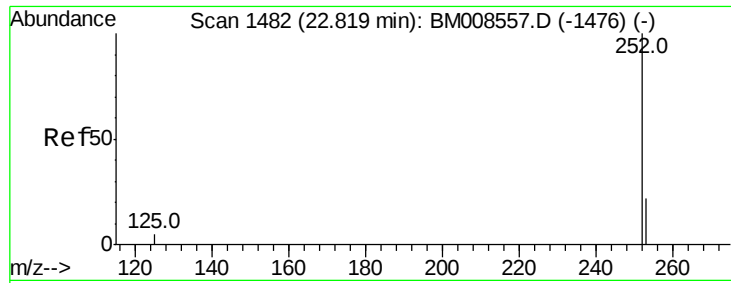
Delta R.T. -0.01 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Tgt Ion:	228	Resp:	725
Ion Ratio	Lower	Upper	
228	100		
226	51.9	23.4	35.0#
229	44.3	17.7	26.5#





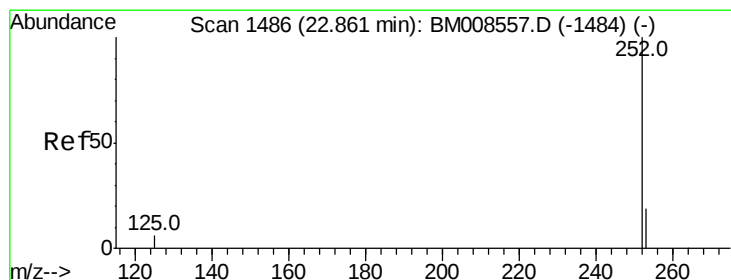
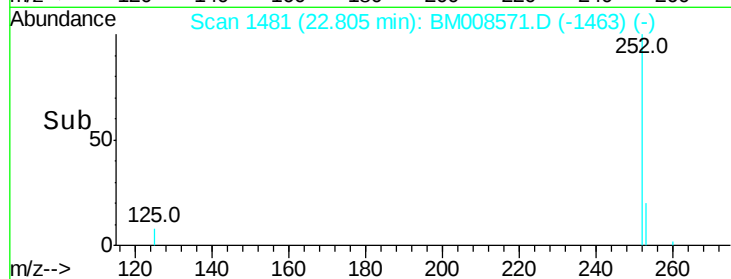
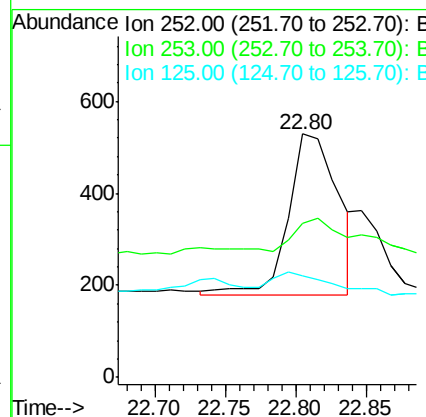
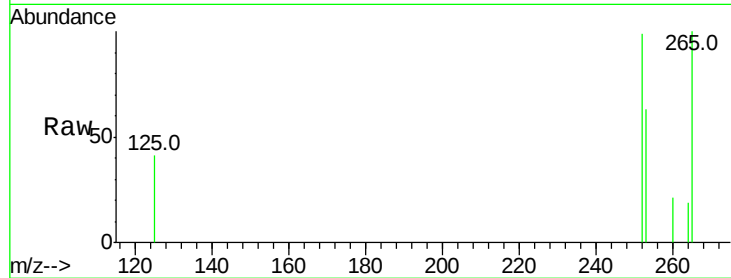
#21
Benzo(b)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM008571.D
Acq: 23 Dec 2016 00:28

Instrument :
BNA_M
ClientSampleID :
DA852DL

Tot Ion:252 Resp: 862
Ion Ratio Lower Upper
252 100
253 63.5 0.0 64.2
125 42.0 0.0 35.0#

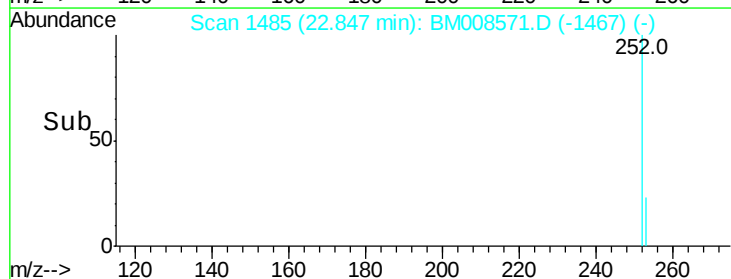
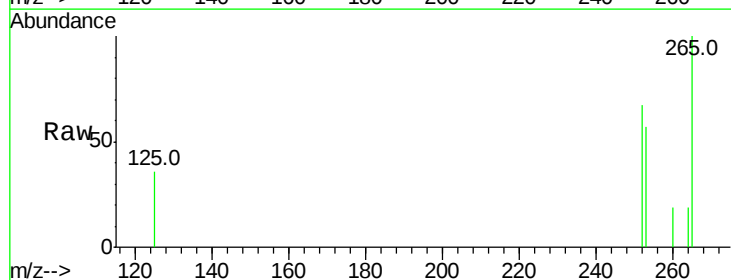
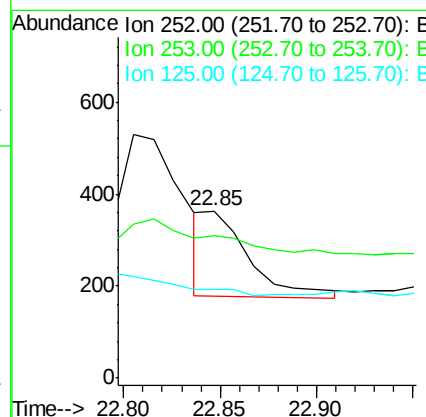
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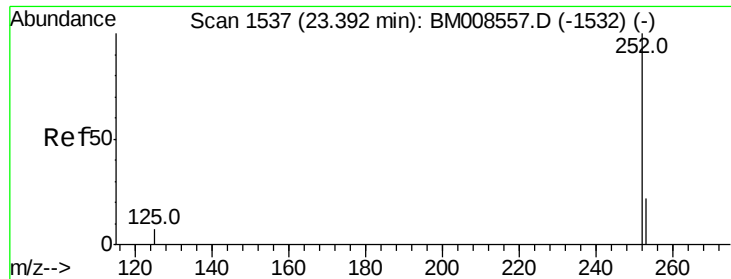
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#22
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM008571.D
Acq: 23 Dec 2016 00:28

Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 85.1 24.5 36.7#
125 52.9 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.14 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Instrument :

BNA_M

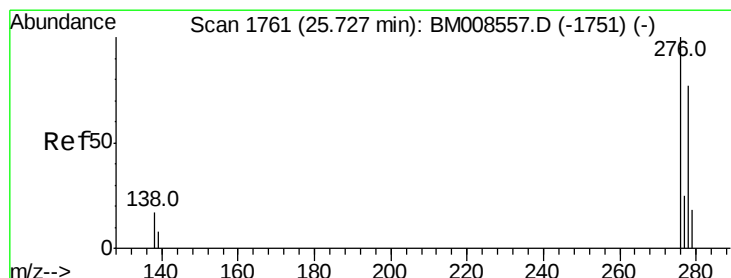
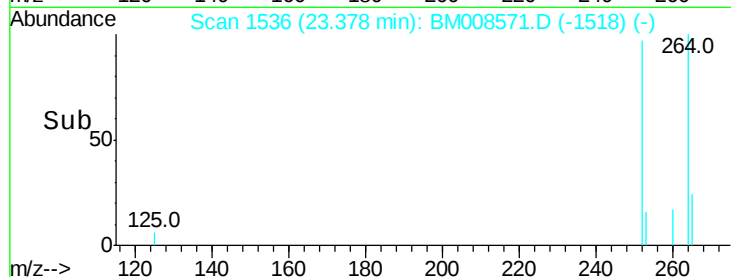
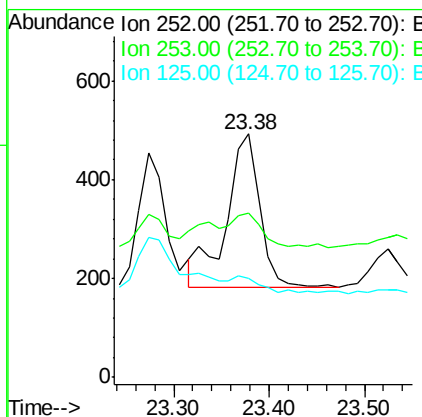
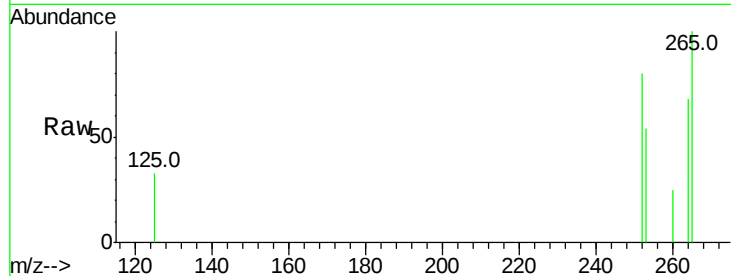
ClientSampleId :

DA852DL

Tot Ion:	252	Resp:	766
Ion Ratio	Lower	Upper	
252	100		
253	67.3	28.5	42.7#
125	40.8	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

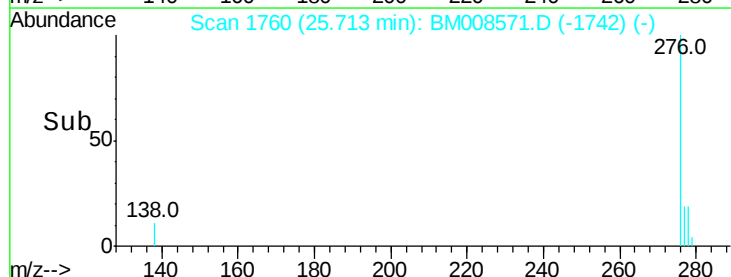
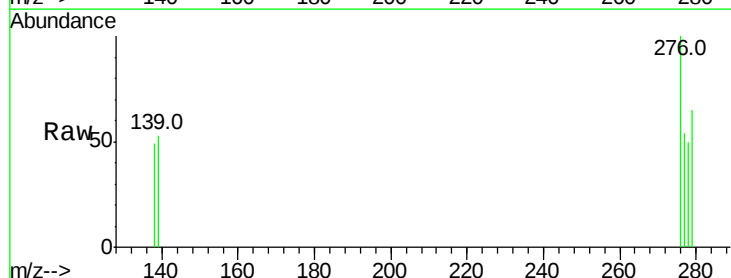
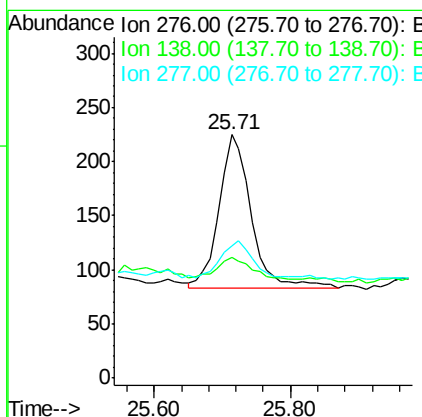
RT: 25.71 min Scan# 1760

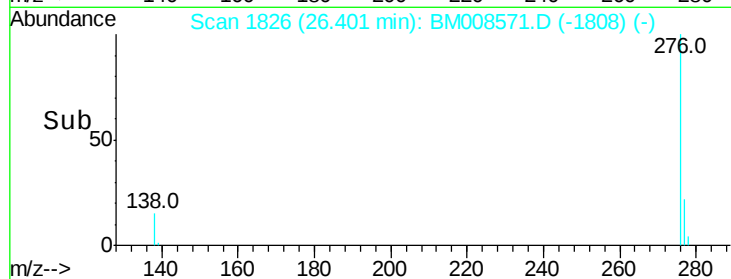
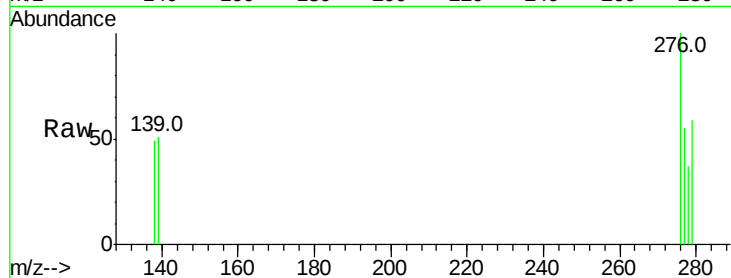
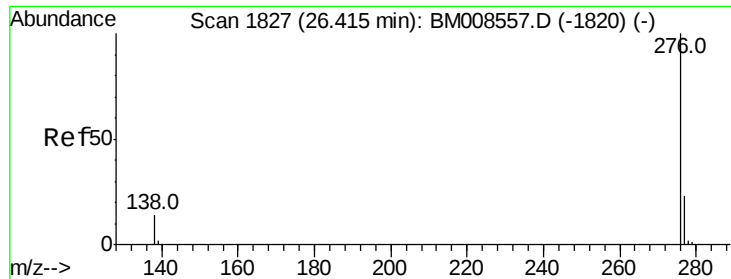
Delta R.T. -0.01 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Tgt Ion:	276	Resp:	463
Ion Ratio	Lower	Upper	
276	100		
138	14.9	19.1	28.7#
277	27.2	19.6	29.4





#26

Benzo(a,h,i)perylene

Concen: 0.09 ng/ul

RT: 26.40 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM008571.D

Acq: 23 Dec 2016 00:28

Instrument :

BNA_M

ClientSampleId :

DA852DL

Tot Ion: 276 Resp: 489

Ion Ratio Lower Upper

276 100

277 54.7 21.8 32.8#

138 49.3 20.5 30.7#

Manual Integrations

APPROVED

umangi

12/23/2016 6:11:57 PM

