

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008570.D
 Acq On : 22 Dec 2016 23:52
 Operator : UM/SJ
 Sample : H5970-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA850DL

Manual Integrations
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Quant Time: Dec 27 07:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 27 04:51:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	652	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	2236	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1581m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.99	188	4446	0.40	ng/ul	-0.09
16) Chrysene-d12	21.25	240	2598m	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	2321m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	320	0.09	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	571m	0.05	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.46	128	9772	1.55	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	22001	5.20	ng/ul	100
8) Acenaphthene	14.35	153	1984m	0.37	ng/ul	
9) Fluorene	15.34	166	4235m	0.69	ng/ul	
12) Phenanthrene	17.07	178	16110	1.19	ng/ul	99
13) Anthracene	17.18	178	2994m	0.23	ng/ul	
15) Fluoranthene	19.11	202	7082	0.43	ng/ul	86
17) Pyrene	19.47	202	9587m	0.95	ng/ul	
18) Benzo(a)anthracene	21.23	228	3123m	0.37	ng/ul	
19) Chrysene	21.28	228	3378m	0.36	ng/ul	
21) Benzo(b)fluoranthene	22.80	252	3924m	0.43	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	893m	0.10	ng/ul	
23) Benzo(a)pyrene	23.38	252	2503m	0.30	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	2242m	0.22	ng/ul	
26) Benzo(g,h,i)perylene	26.39	276	2448m	0.28	ng/ul	

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

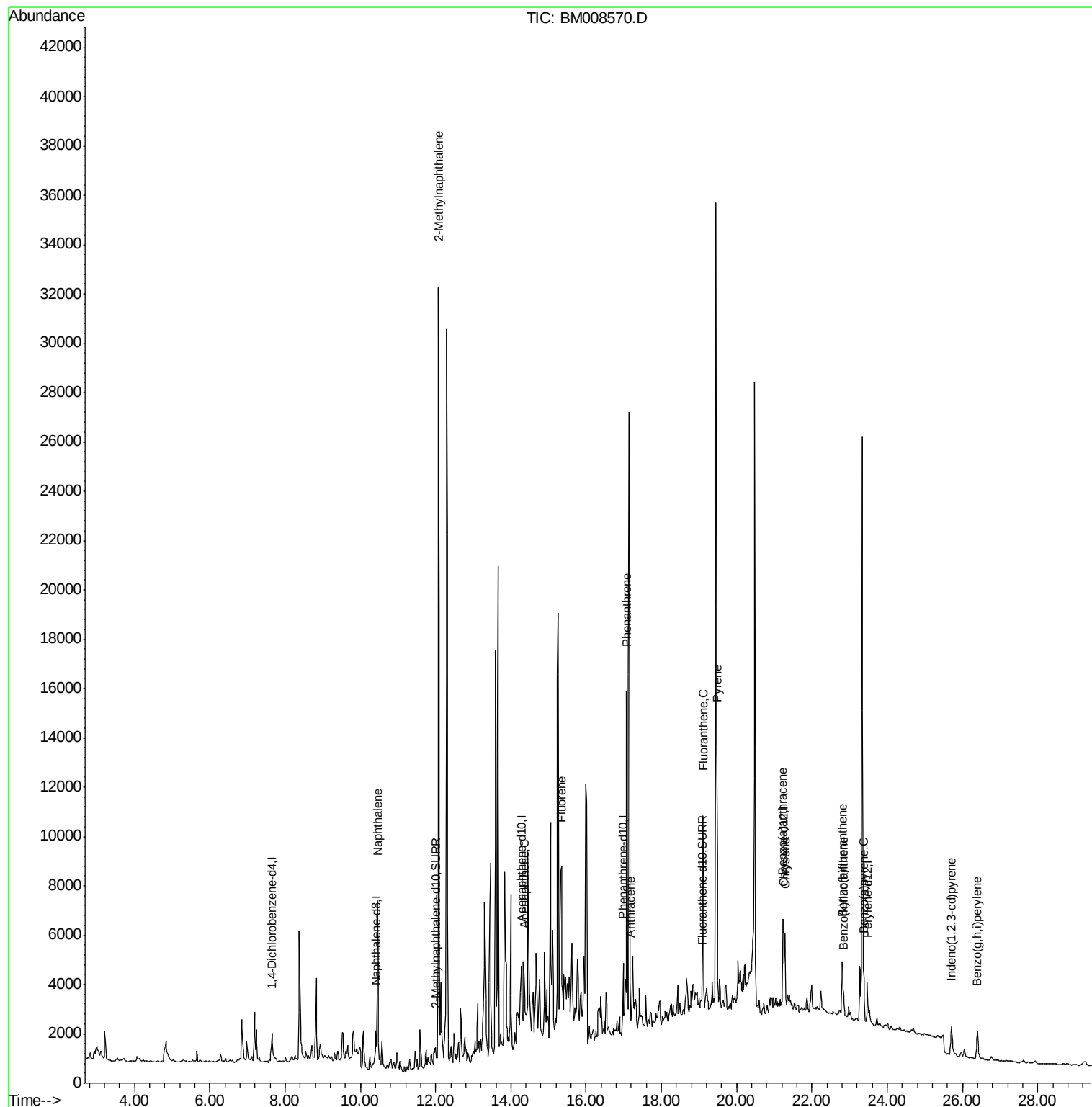
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008570.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

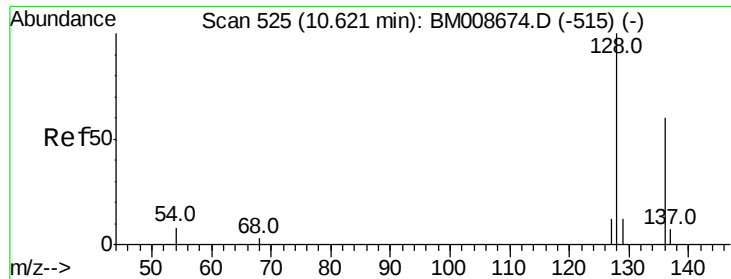
Instrument :
BNA_M
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DA850DL

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Quant Time: Dec 27 07:24:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
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QLast Update : Tue Dec 27 04:51:48 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.55 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.05 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Instrument :

BNA_M

ClientSampleId :

DA850DL

Tot Ion:128 Resp: 9772

Ion Ratio Lower Upper

128 100

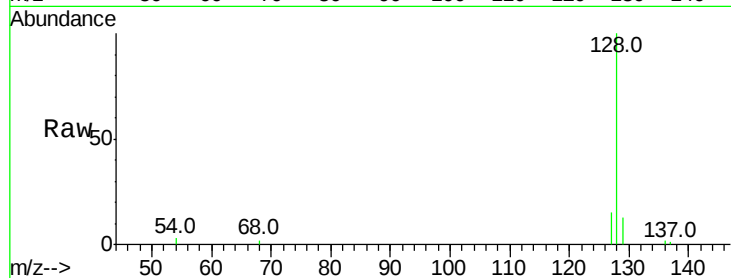
129 13.5 11.3 16.9

127 14.7 12.8 19.2

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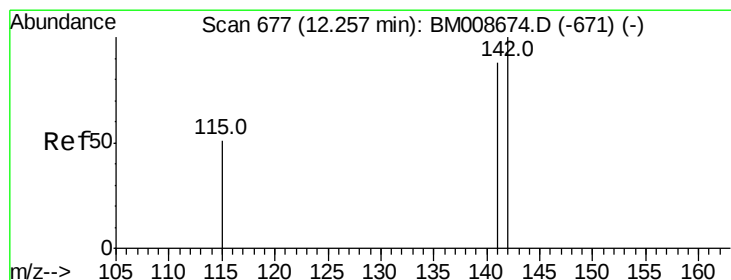
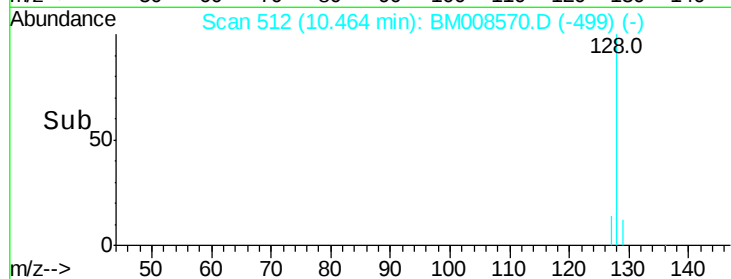
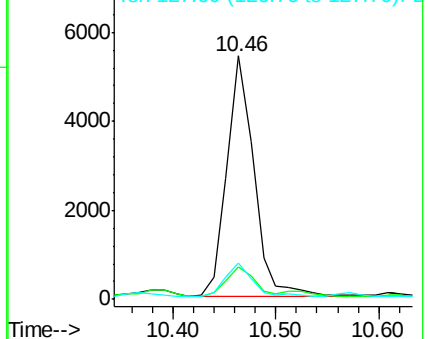
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 5.20 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.06 min

Lab File: BM008570.D

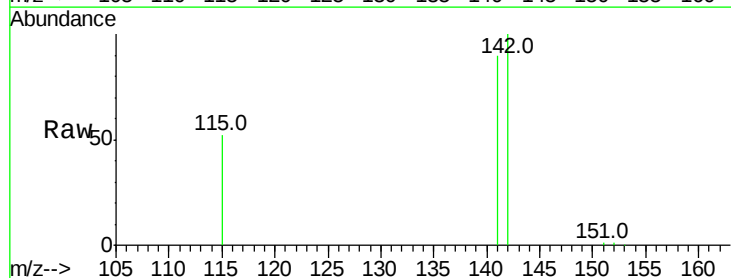
Acq: 22 Dec 2016 23:52

Tgt Ion:142 Resp: 22001

Ion Ratio Lower Upper

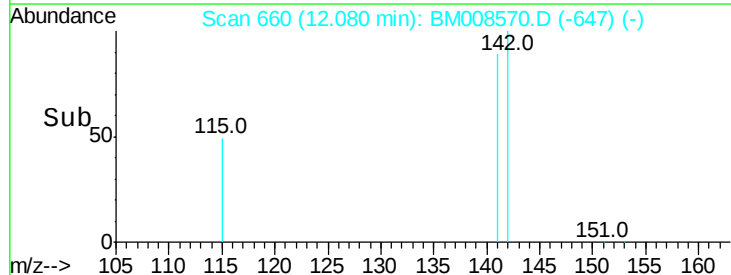
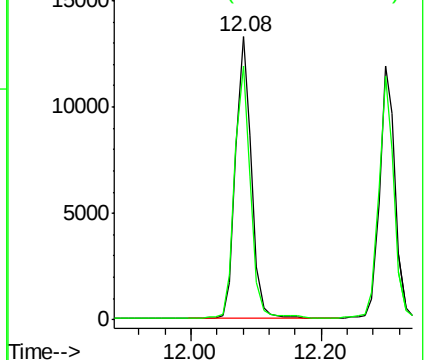
142 100

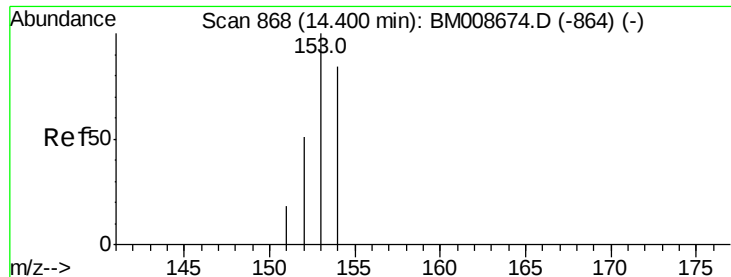
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

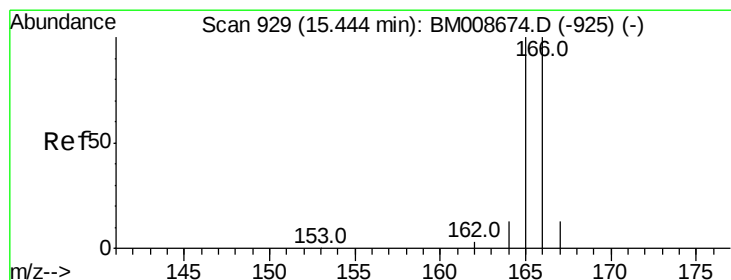
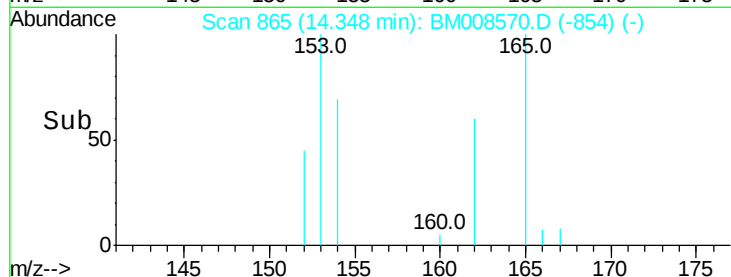
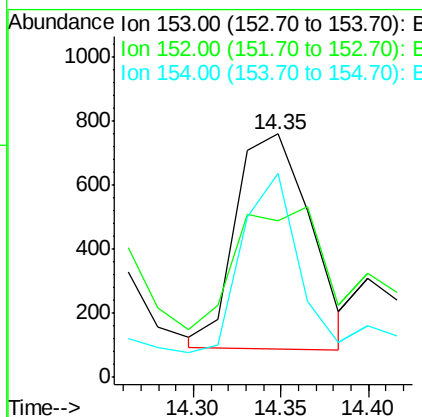
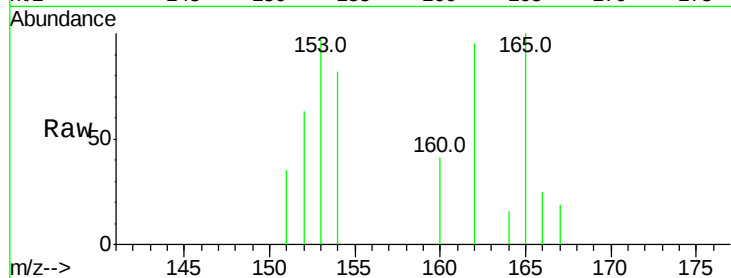
Concen: 0.37 ng/ul m
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008570.D
Acq: 22 Dec 2016 23:52

Instrument :
BNA_M
ClientSampleId :
DA850DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	64.5	40.3	60.5#
154	83.7	71.4	107.2

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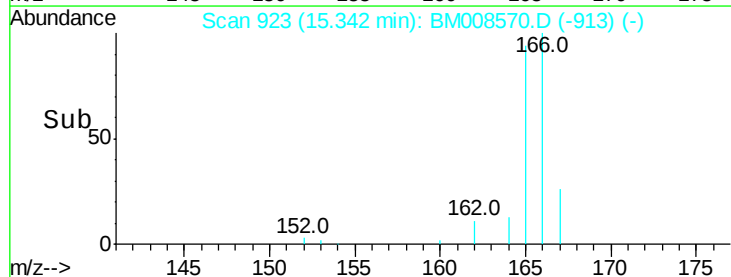
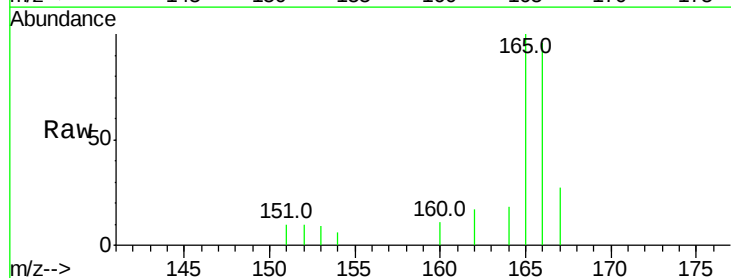
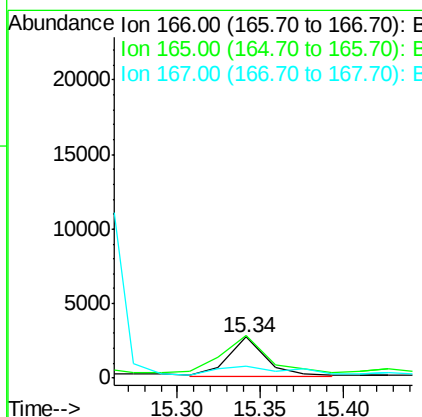


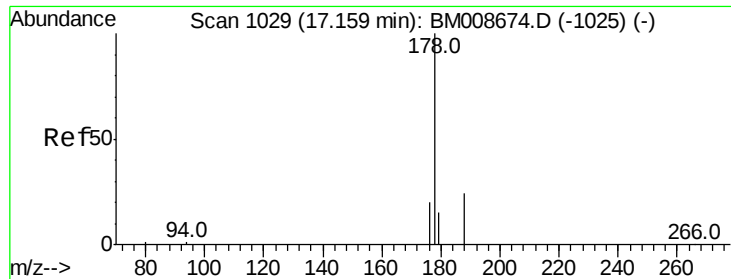
#9

Fluorene

Concen: 0.69 ng/ul m
RT: 15.34 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM008570.D
Acq: 22 Dec 2016 23:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.1	73.4	110.2
167	28.2	14.6	22.0#





#12

Phenanthrene

Concen: 1.19 ng/ul

RT: 17.07 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Instrument :

BNA_M

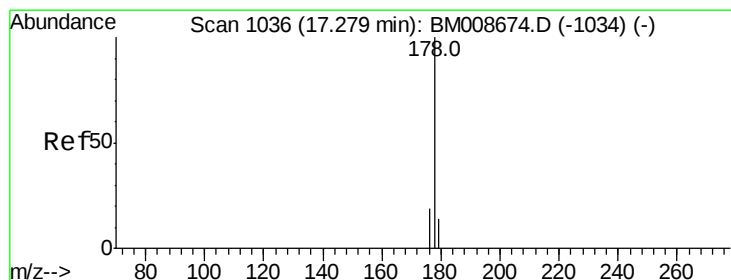
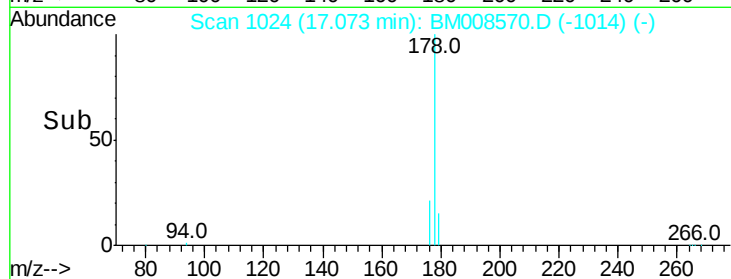
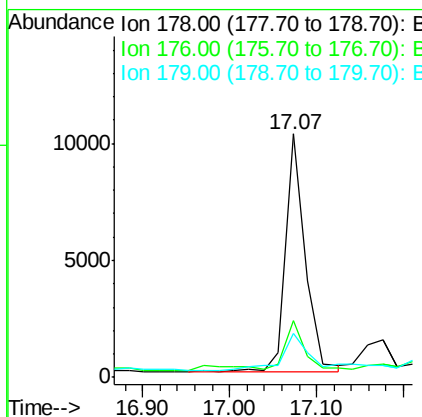
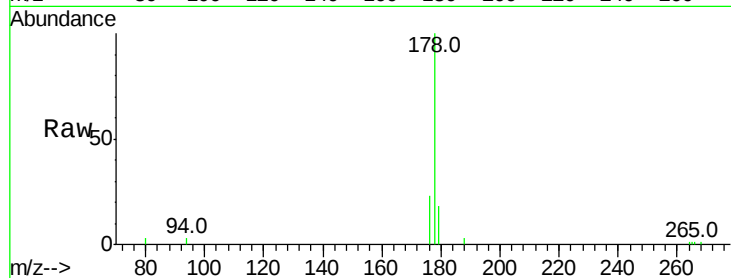
ClientSampleId :

DA850DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.4	27.6
179	17.9	13.6	20.4

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#13

Anthracene

Concen: 0.23 ng/ul m

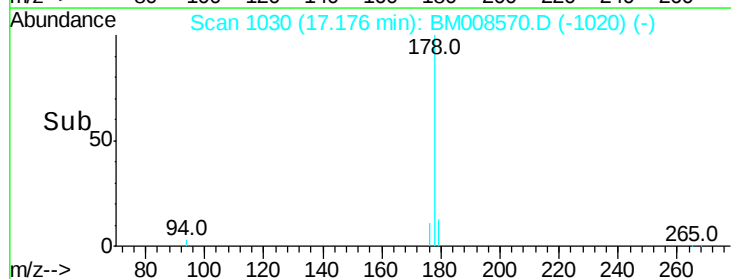
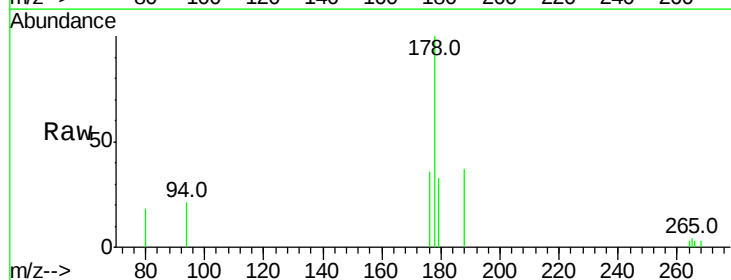
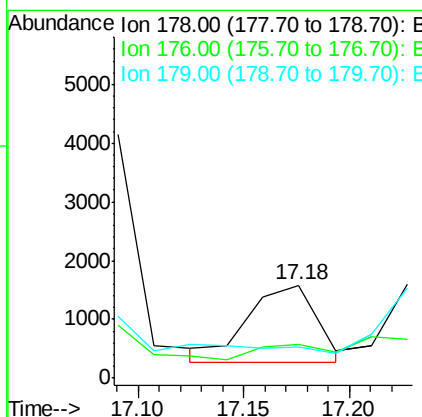
RT: 17.18 min Scan# 1030

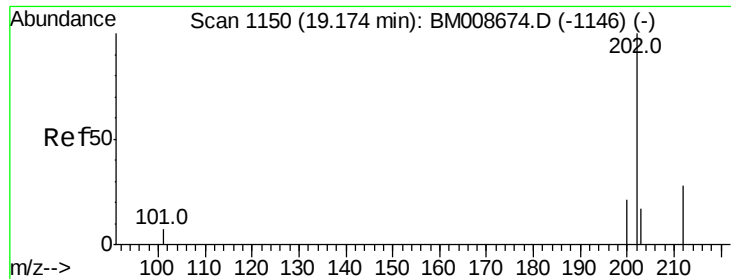
Delta R.T. -0.03 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	36.4	18.1	27.1#
179	33.3	14.7	22.1#





#15

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.11 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Instrument :

BNA_M

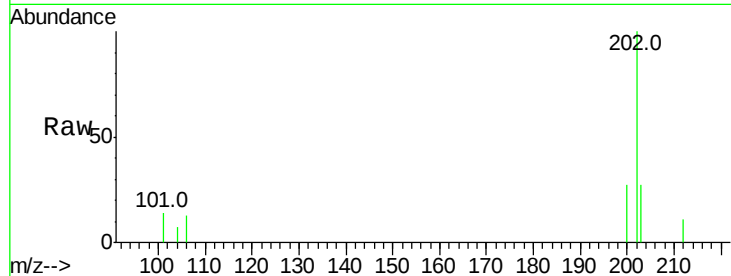
ClientSampleId :

DA850DL

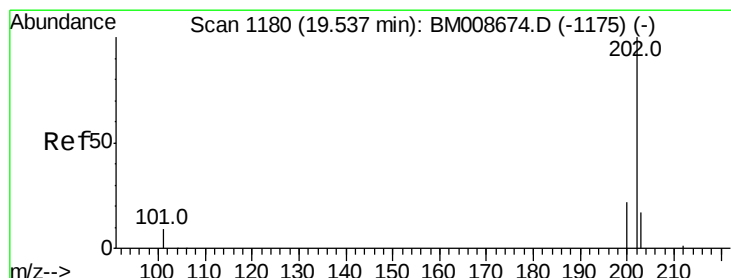
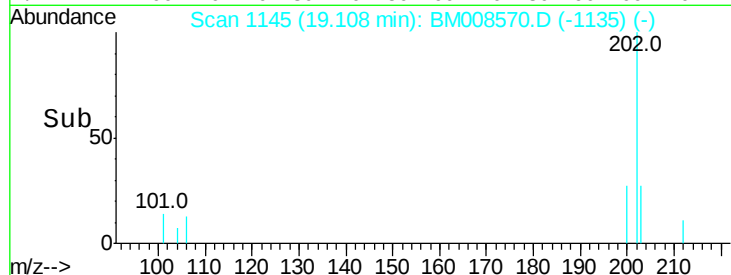
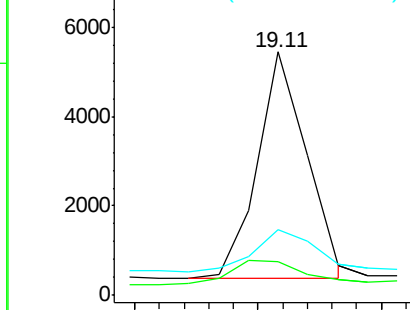
Tot Ion:	202	Resp:	7082
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.3
203	27.0	0.0	39.5

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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

Pyrene

Concen: 0.95 ng/ul m

RT: 19.47 min Scan# 1175

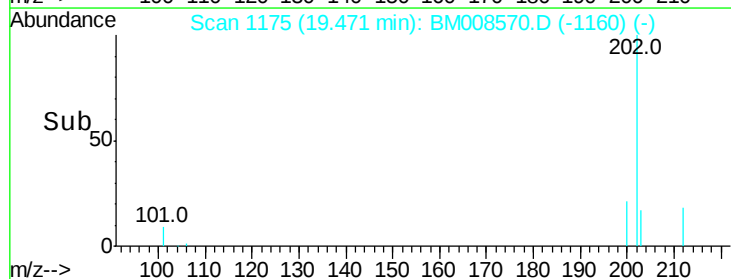
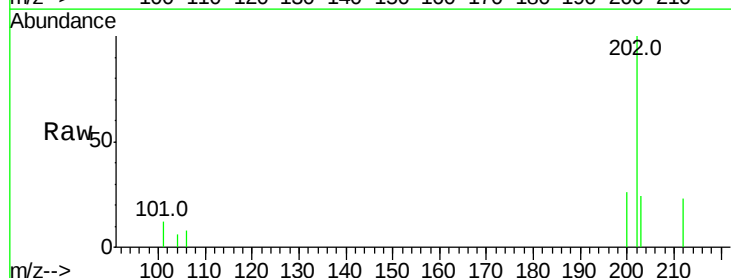
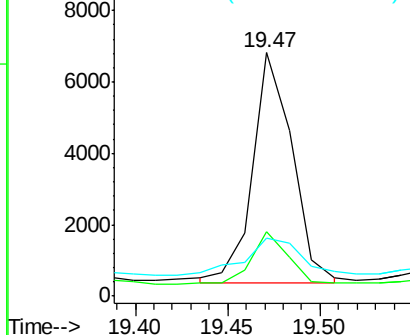
Delta R.T. -0.02 min

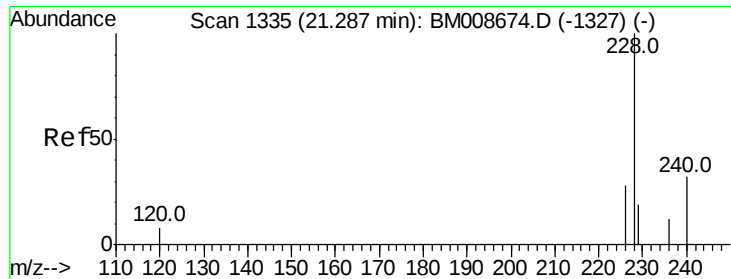
Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Tgt Ion:	202	Resp:	9587
Ion Ratio	Lower	Upper	
202	100		
200	26.3	18.2	27.4
203	24.0	15.6	23.4#

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: 0.37 ng/ul m

RT: 21.23 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Instrument :

BNA_M

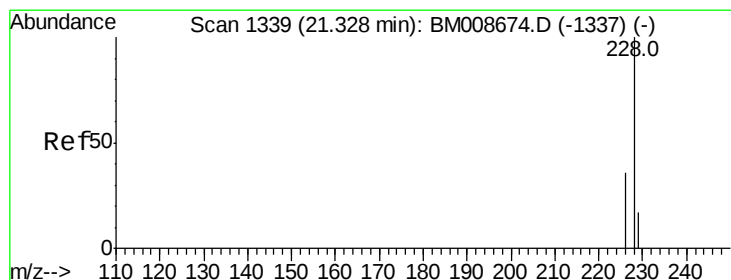
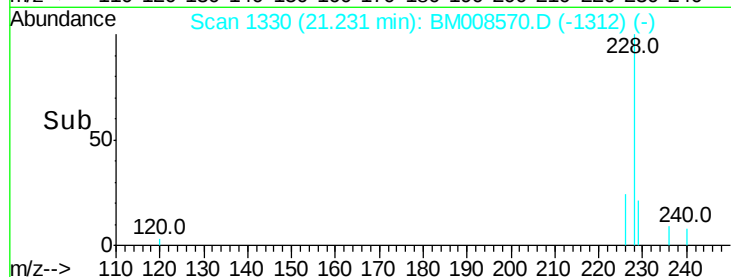
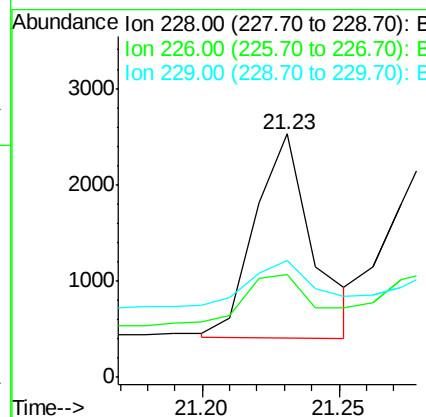
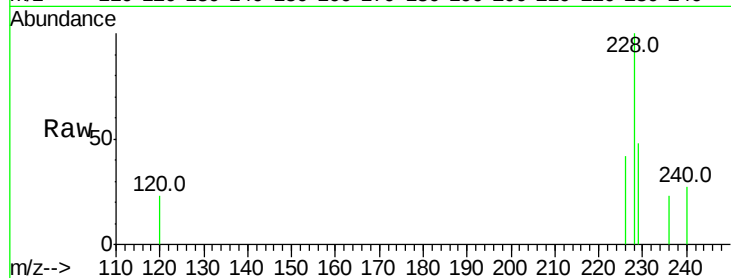
ClientSampleId :

DA850DL

Tot Ion:	228	Resp:	3123
Ion Ratio	Lower	Upper	
228	100		
226	42.2	22.8	34.2#
229	48.1	17.0	25.6#

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#19

Chrysene

Concen: 0.36 ng/ul m

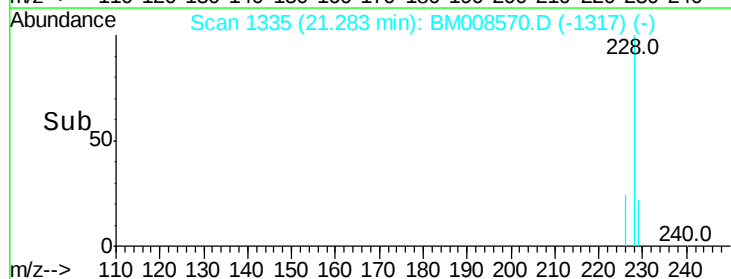
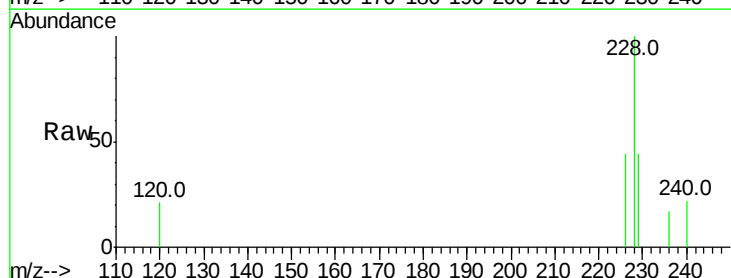
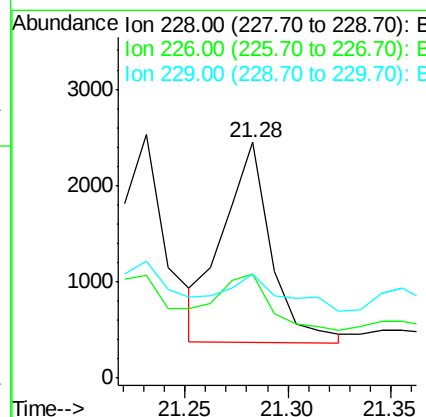
RT: 21.28 min Scan# 1335

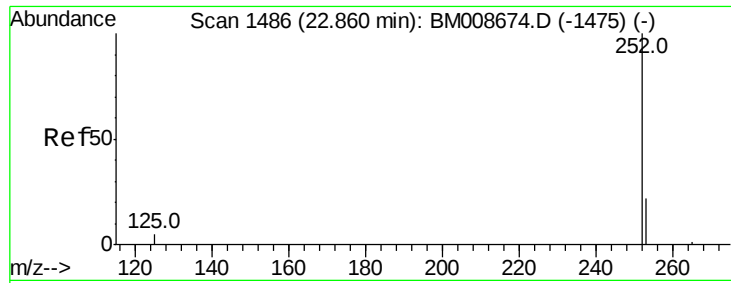
Delta R.T. -0.01 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Tgt Ion:	228	Resp:	3378
Ion Ratio	Lower	Upper	
228	100		
226	44.4	23.4	35.0#
229	44.2	17.7	26.5#





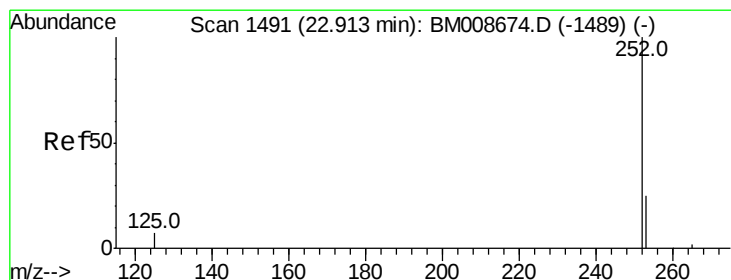
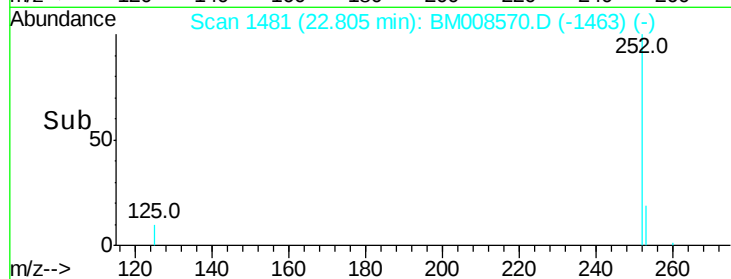
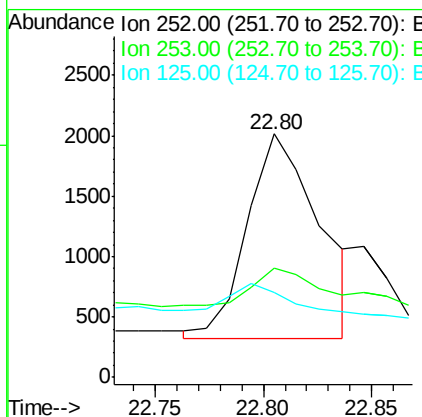
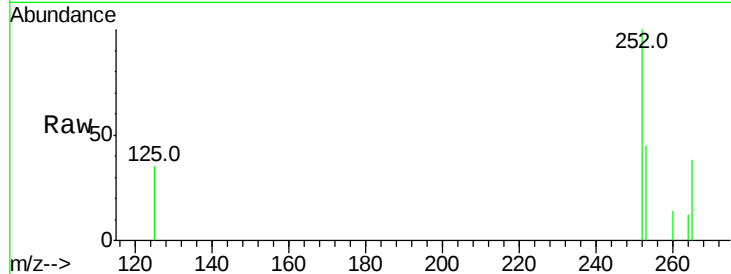
#21
Benzo(b)fluoranthene
Concen: 0.43 ng/ul m
RT: 22.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM008570.D
Acq: 22 Dec 2016 23:52

Instrument :
BNA_M
ClientSampleId :
DA850DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	44.7	0.0	64.2
125	35.0	0.0	35.0

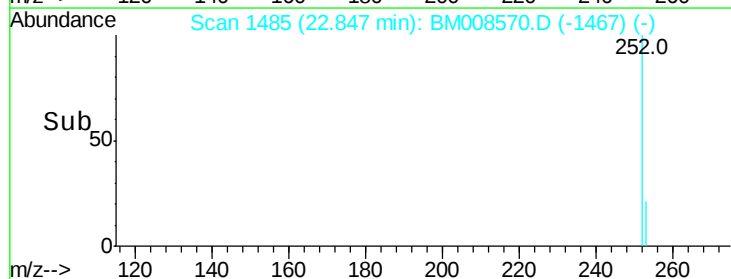
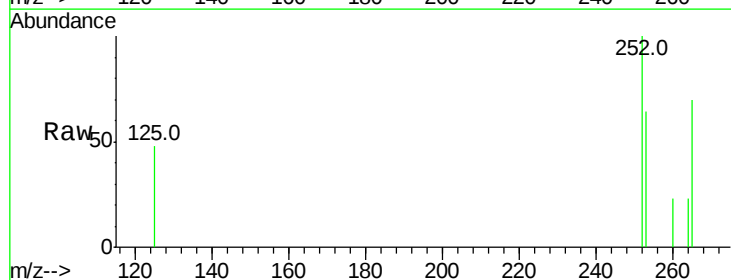
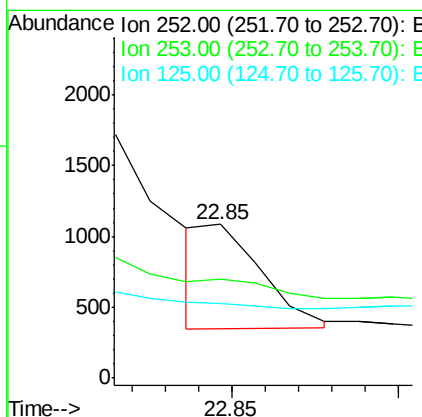
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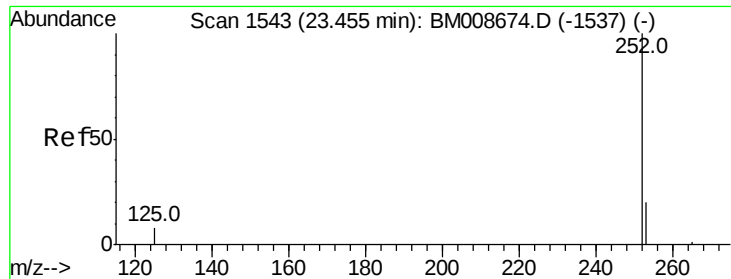
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#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM008570.D
Acq: 22 Dec 2016 23:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.4	24.5	36.7#
125	48.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.30 ng/ul m

RT: 23.38 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Instrument :

BNA_M

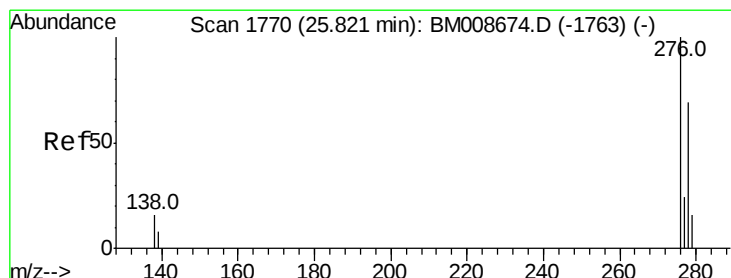
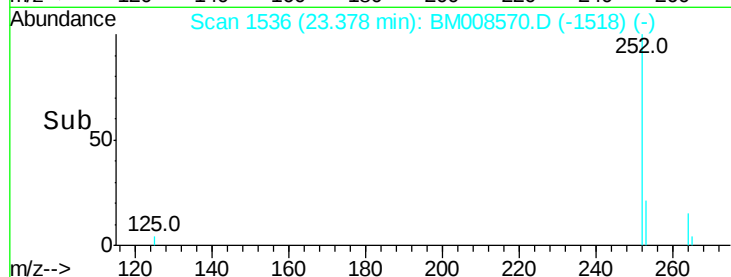
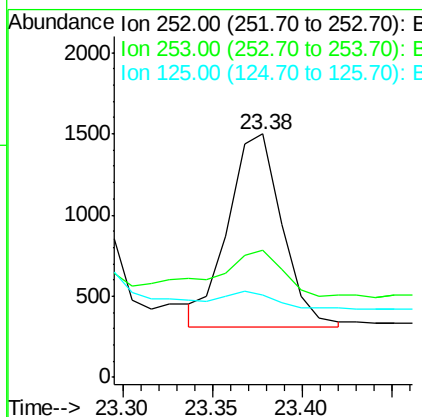
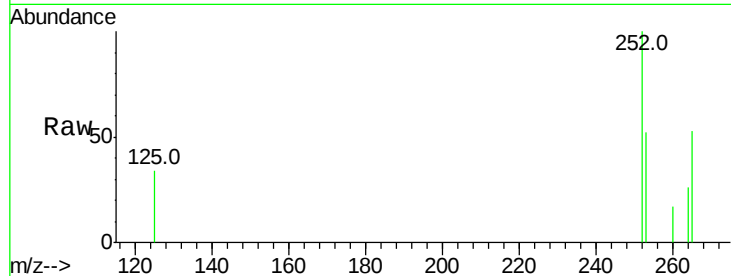
ClientSampleId :

DA850DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.5	28.5	42.7#
125	34.1	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.22 ng/ul m

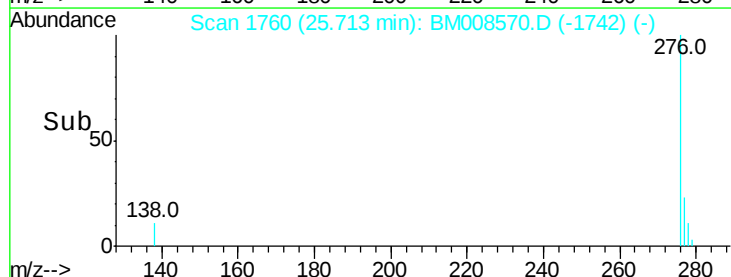
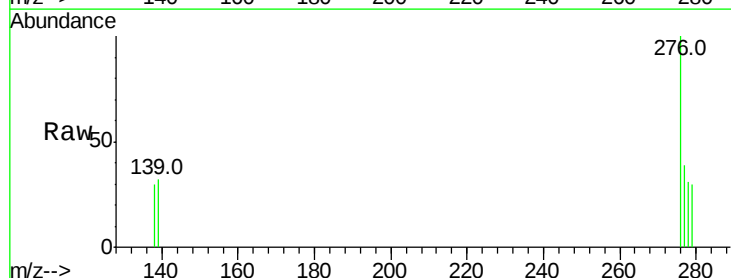
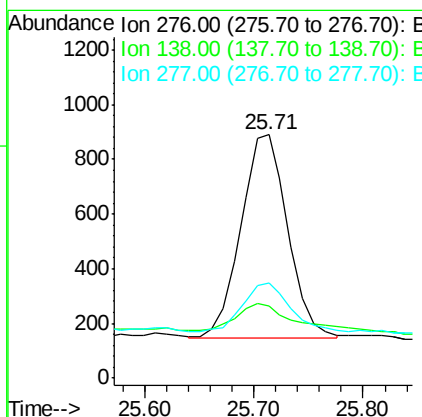
RT: 25.71 min Scan# 1760

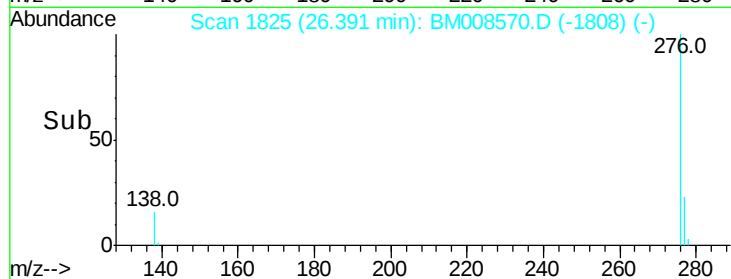
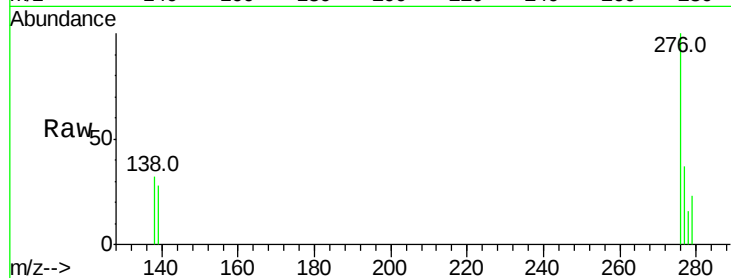
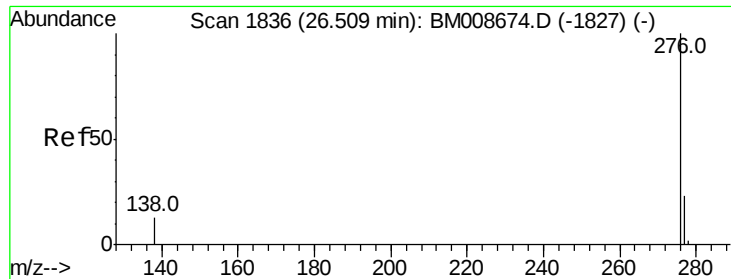
Delta R.T. -0.01 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

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





#26

Benzo(a,h,i)perylene

Concen: 0.28 ng/ul m

RT: 26.39 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM008570.D

Acq: 22 Dec 2016 23:52

Tot Ion	Ratio	Lower	Upper
276	100		
277	36.8	21.8	32.8#
138	32.5	20.5	30.7#

Instrument :

BNA_M

ClientSampleId :

DA850DL

Manual Integrations
APPROVED

UMANGI
12/28/2016 8:26:58 AM

