

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008687.D
 Acq On : 28 Dec 2016 10:51
 Operator : UM/SJ
 Sample : H6067-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA938

Manual Integrations
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 12/30/2016 8:52:46 AM

Quant Time: Dec 28 14:55:01 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 14:48:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	242	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	917	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	588	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1122	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	1226	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1225	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	340	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	1140m	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2129	0.83	ng/ul#	81
7) Acenaphthylene	14.04	152	912	0.34	ng/ul#	78
8) Acenaphthene	14.37	153	977	0.49	ng/ul	91
9) Fluorene	15.41	166	864	0.38	ng/ul#	88
11) Pentachlorophenol	16.80	266	226	0.65	ng/ul	92
12) Phenanthrene	17.12	178	1668	0.49	ng/ul#	94
13) Anthracene	17.23	178	1385m	0.42	ng/ul	
15) Fluoranthene	19.14	202	2333	0.56	ng/ul	96
17) Pyrene	19.50	202	3189	0.67	ng/ul	97
18) Benzo(a)anthracene	21.27	228	2280	0.57	ng/ul	94
21) Benzo(b)fluoranthene	22.84	252	2232	0.46	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.76	276	3503	0.66	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.76	278	2705	0.64	ng/ul	94
26) Benzo(g,h,i)perylene	26.46	276	2370	0.52	ng/ul	94

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

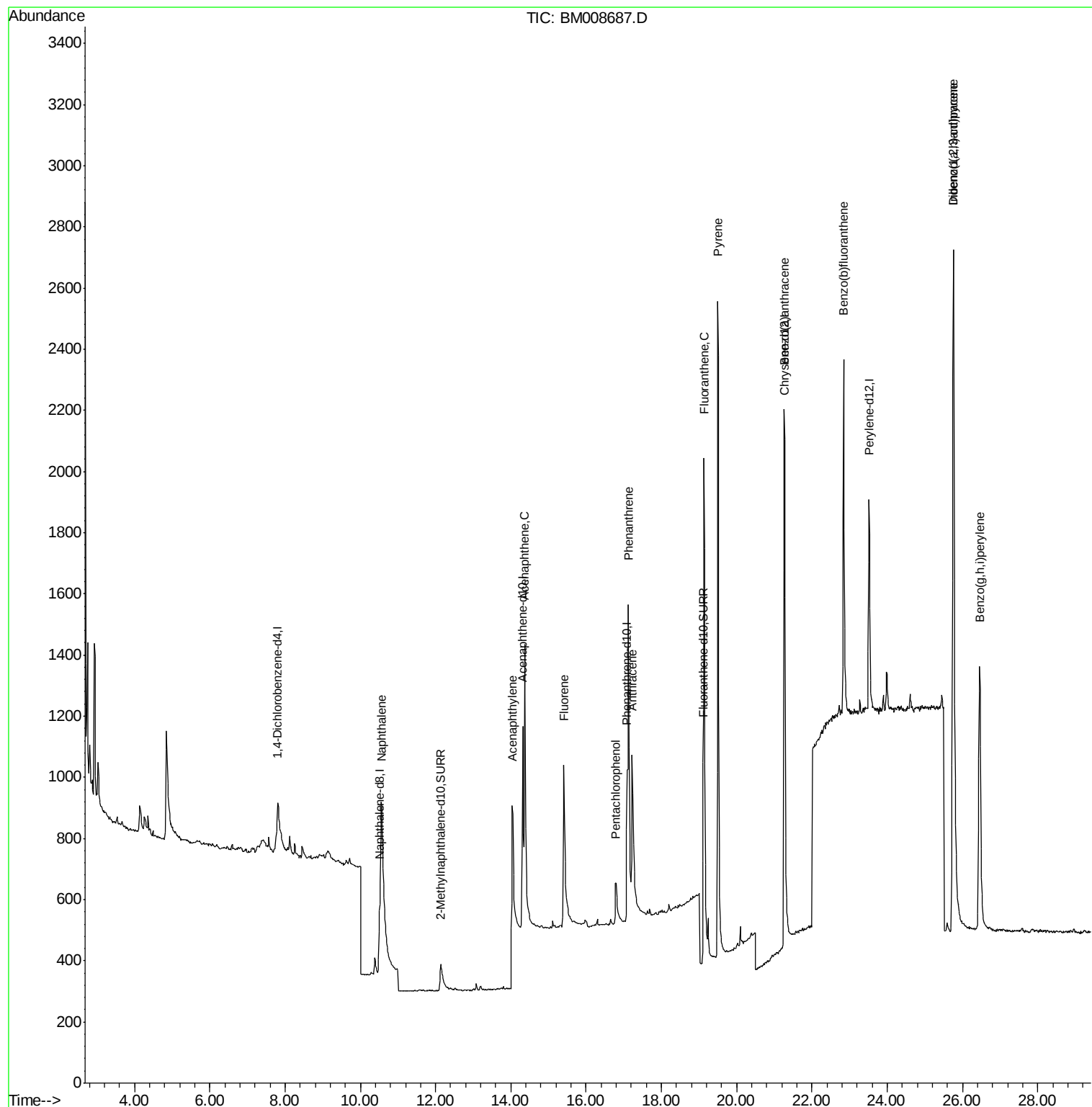
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
Data File : BM008687.D
Acq On : 28 Dec 2016 10:51
Operator : UM/SJ
Sample : H6067-23
Misc :
ALS Vial : 3 Sample Multiplier: 1

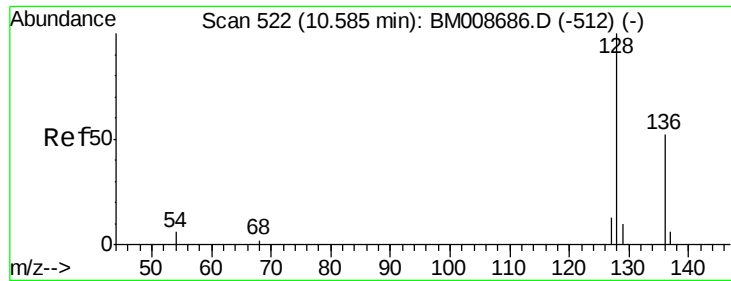
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 14:48:00 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.83 ng/ul

RT: 10.57 min Scan# 521

Delta R.T. -0.01 min

Lab File: BM008687.D

Acq: 28 Dec 2016 10:51

Instrument :

BNA_M

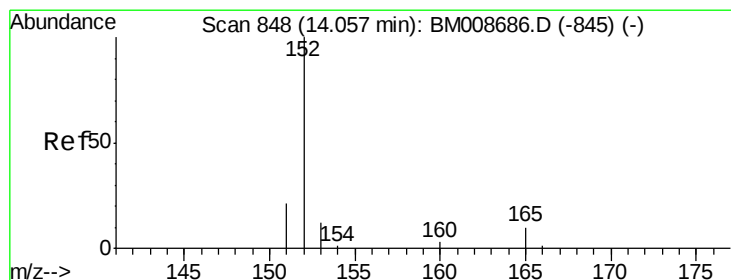
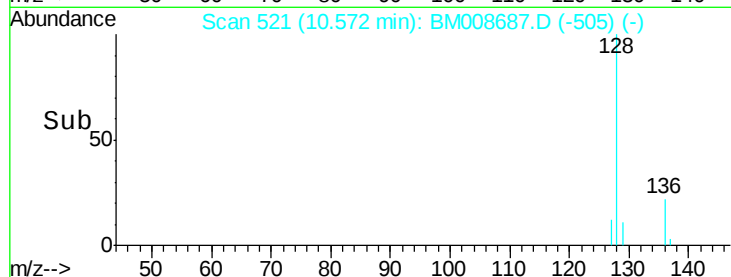
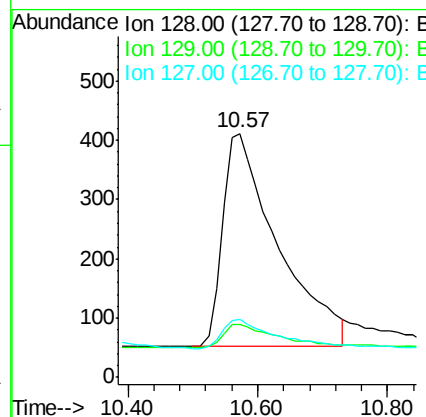
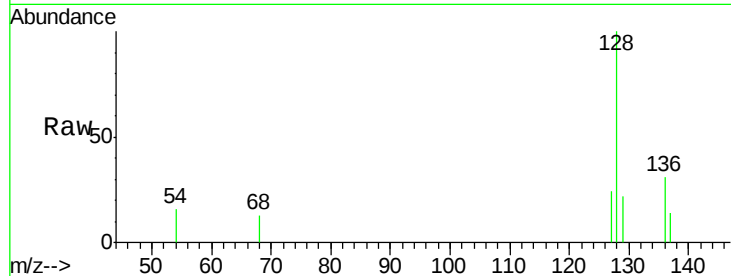
ClientSampleId :

DA938

Tgt Ion:	128	Resp:	2129
Ion Ratio		Lower	Upper
128	100		
129	21.7	11.3	16.9#
127	23.8	12.8	19.2#

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#7

Acenaphthylene

Concen: 0.34 ng/ul

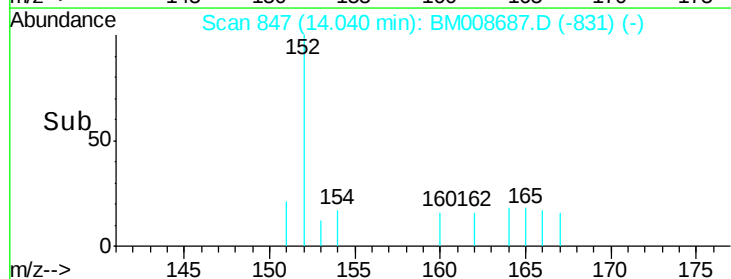
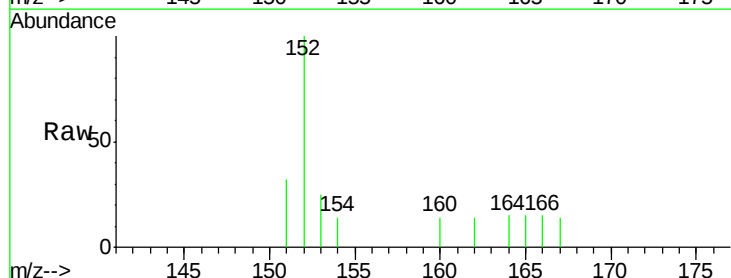
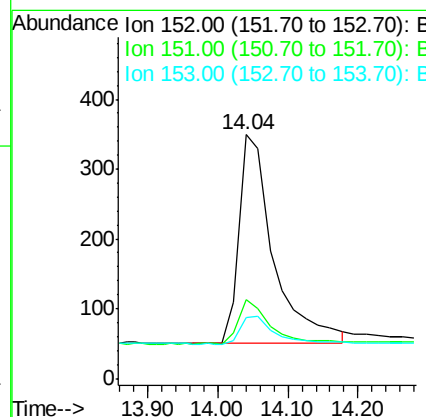
RT: 14.04 min Scan# 847

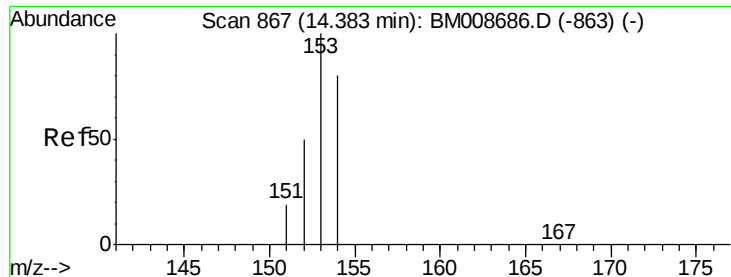
Delta R.T. -0.02 min

Lab File: BM008687.D

Acq: 28 Dec 2016 10:51

Tgt Ion:	152	Resp:	912
Ion Ratio		Lower	Upper
152	100		
151	32.4	17.1	25.7#
153	24.9	12.8	19.2#





#8

Acenaphthene

Concen: 0.49 ng/ul

RT: 14.37 min Scan# 866

Delta R.T. -0.02 min

Lab File: BM008687.D

Acq: 28 Dec 2016 10:51

Instrument :

BNA_M

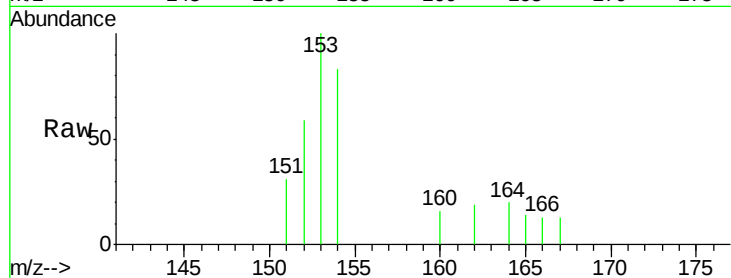
ClientSampled :

DA938

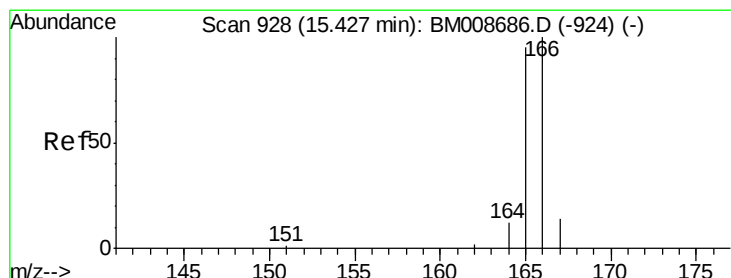
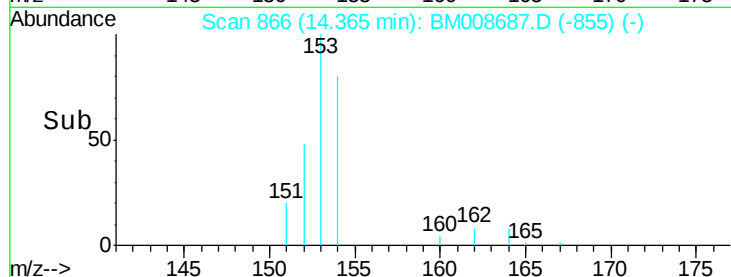
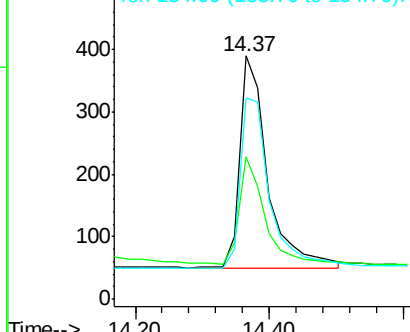
Tgt Ion:	153	Resp:	977
Ion Ratio	Lower	Upper	
153	100		
152	58.7	40.3	60.5
154	82.6	71.4	107.2

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.38 ng/ul

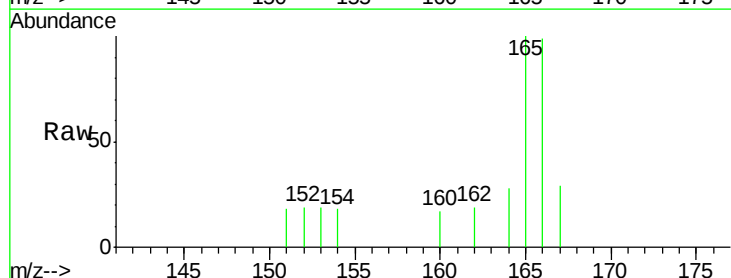
RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

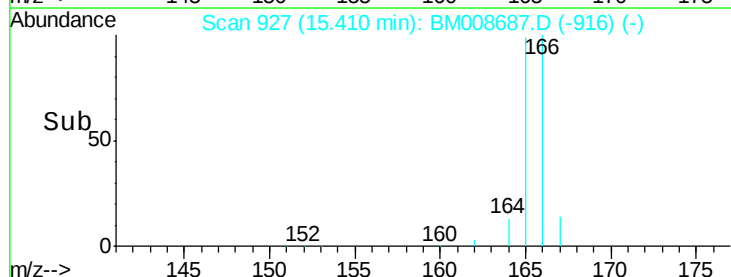
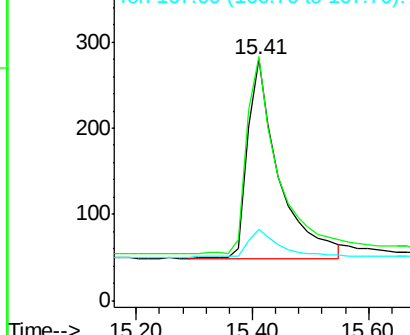
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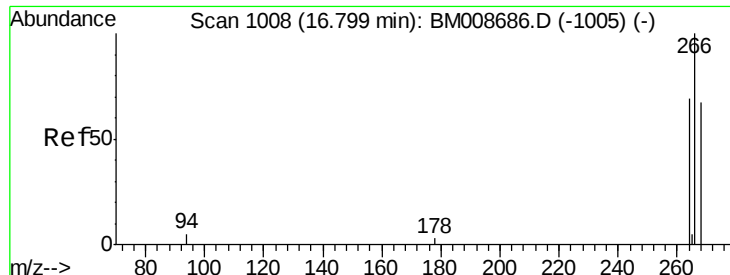
Acq: 28 Dec 2016 10:51

Tgt Ion:	166	Resp:	864
Ion Ratio	Lower	Upper	
166	100		
165	101.1	73.4	110.2
167	29.3	14.6	22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





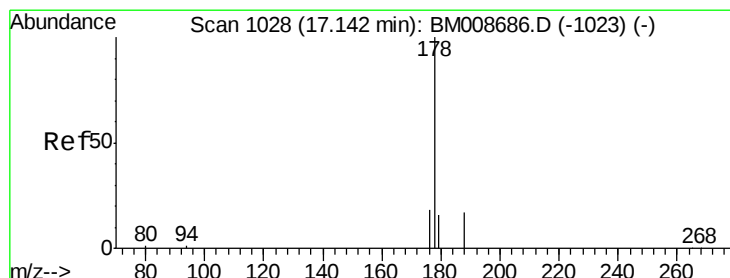
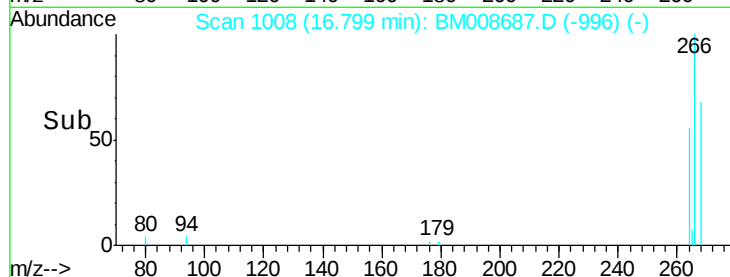
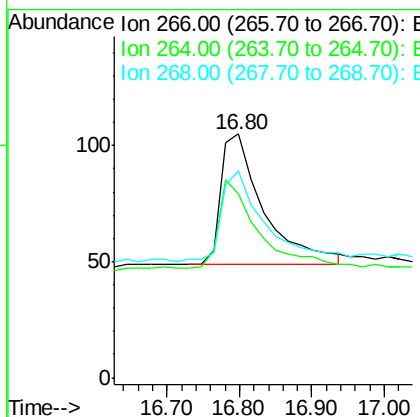
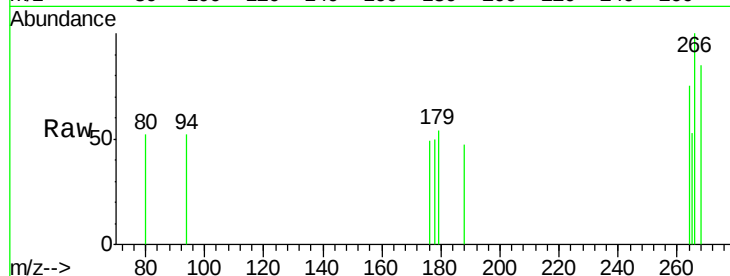
#11
 Pentachlorophenol
 Concen: 0.65 ng/ul
 RT: 16.80 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BM008687.D
 Acq: 28 Dec 2016 10:51

Instrument :
 BNA_M
 ClientSampled :
 DA938

Tgt Ion:	266	Resp:	226
Ion Ratio	Lower	Upper	
266	100		
264	64.2	47.9	71.9
268	69.5	49.8	74.8

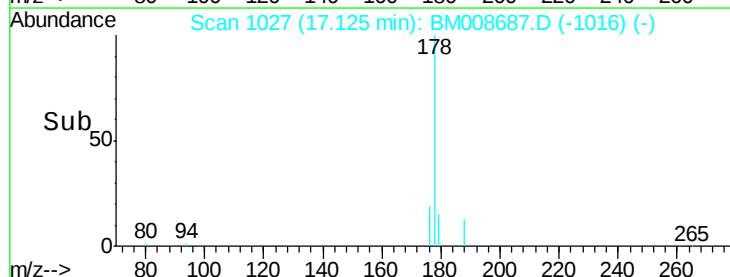
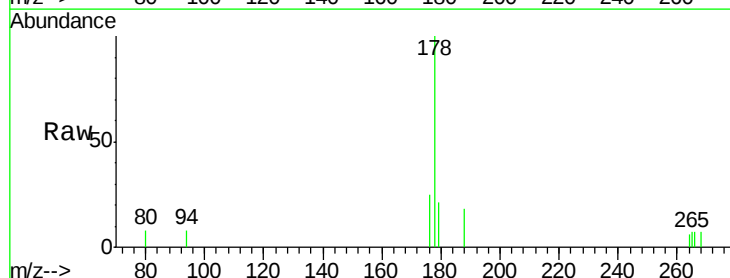
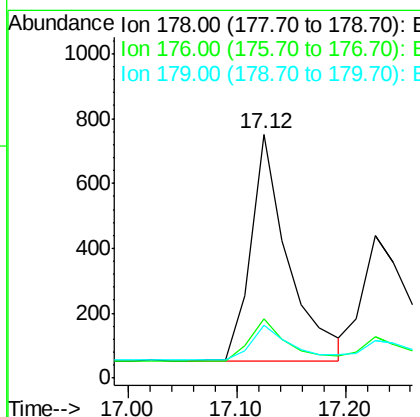
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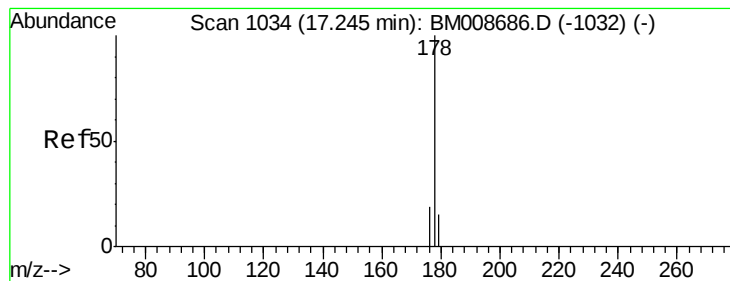
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#12
 Phenanthrene
 Concen: 0.49 ng/ul
 RT: 17.12 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BM008687.D
 Acq: 28 Dec 2016 10:51

Tgt Ion:	178	Resp:	1668
Ion Ratio	Lower	Upper	
178	100		
176	24.5	18.4	27.6
179	21.4	13.6	20.4#





#13

Anthracene

Concen: 0.42 ng/ul m

RT: 17.23 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BM008687.D

Acq: 28 Dec 2016 10:51

Instrument :

BNA_M

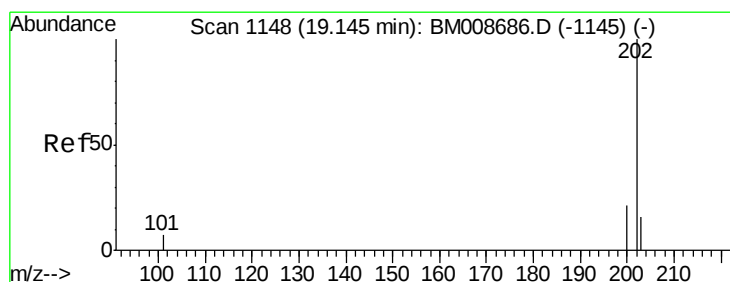
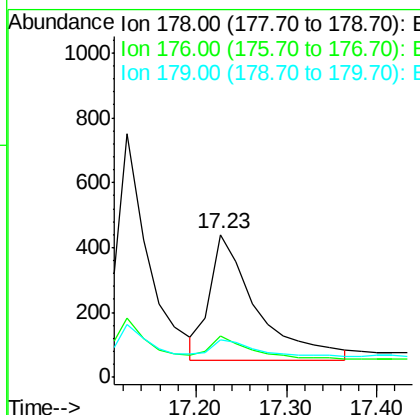
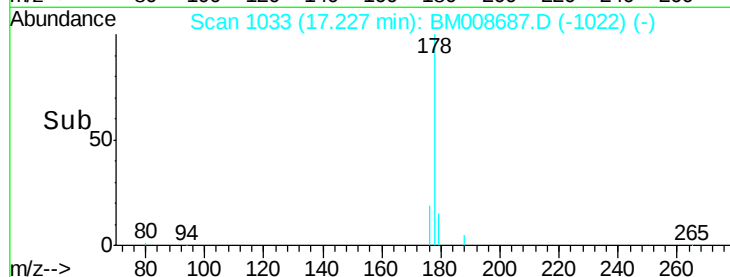
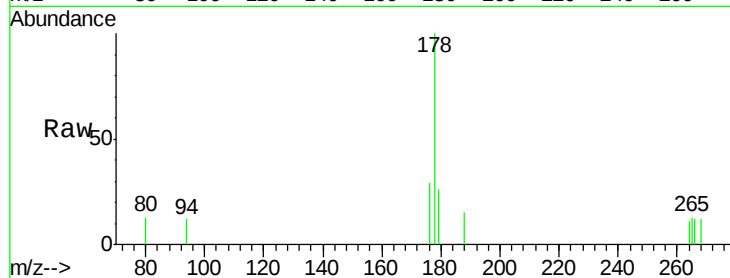
ClientSampleId :

DA938

Tgt Ion:	178	Resp:	1385
Ion Ratio	Lower	Upper	
178	100		
176	28.6	18.1	27.1#
179	26.3	14.7	22.1#

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#15

Fluoranthene

Concen: 0.56 ng/ul

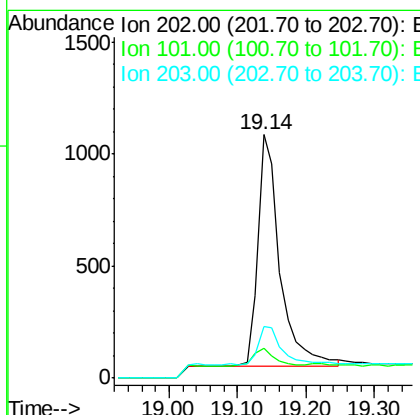
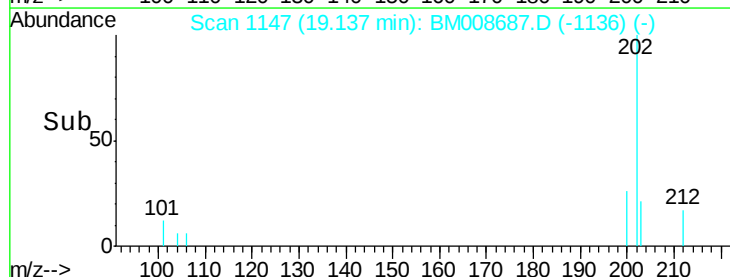
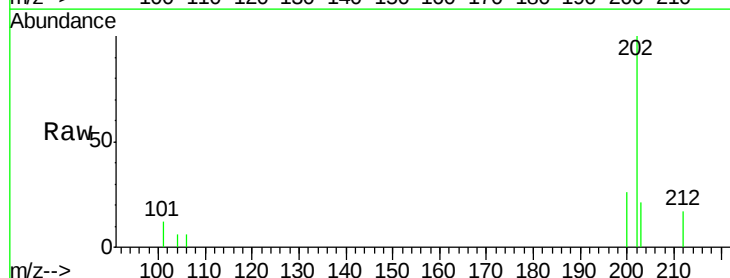
RT: 19.14 min Scan# 1147

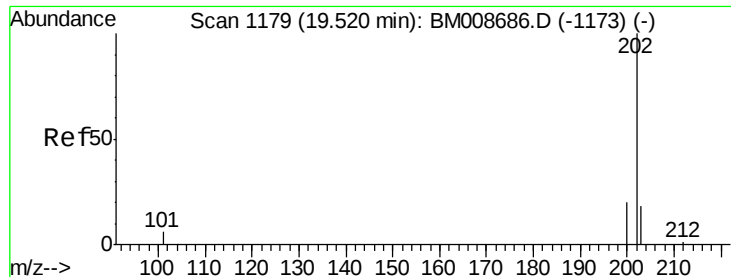
Delta R.T. -0.01 min

Lab File: BM008687.D

Acq: 28 Dec 2016 10:51

Tgt Ion:	202	Resp:	2333
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	30.3
203	21.0	0.0	39.5





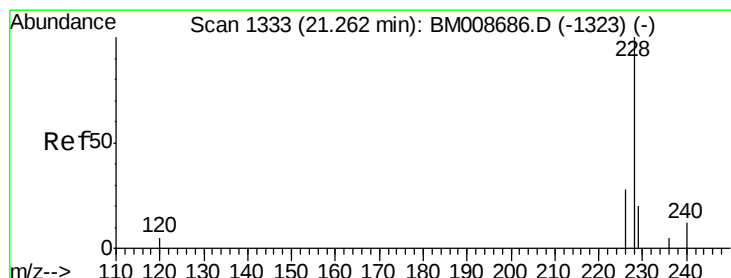
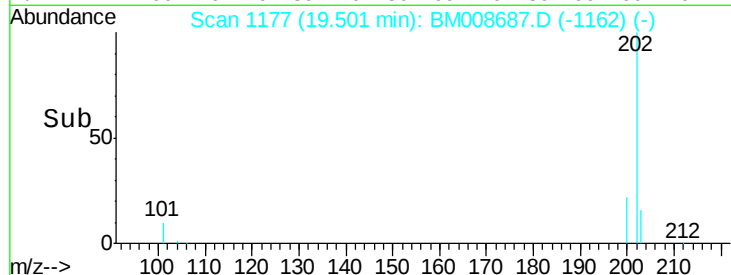
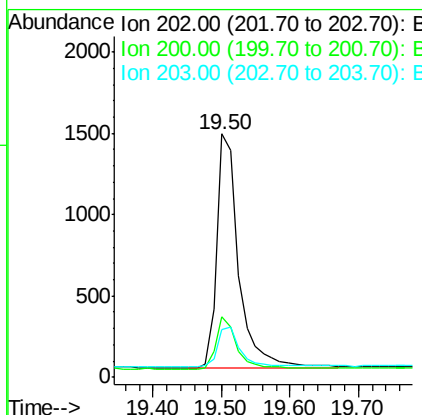
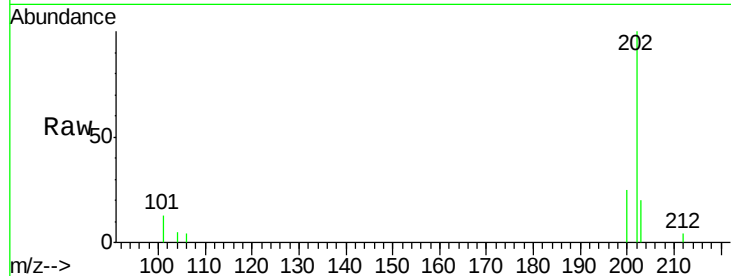
#17
 Pyrene
 Concen: 0.67 ng/ul
 RT: 19.50 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BM008687.D
 Acq: 28 Dec 2016 10:51

Instrument :
 BNA_M
 ClientSampleId :
 DA938

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3189		
200	25.1		18.2	27.4
203	19.8		15.6	23.4

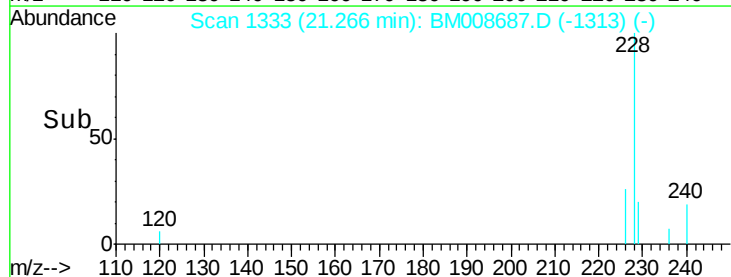
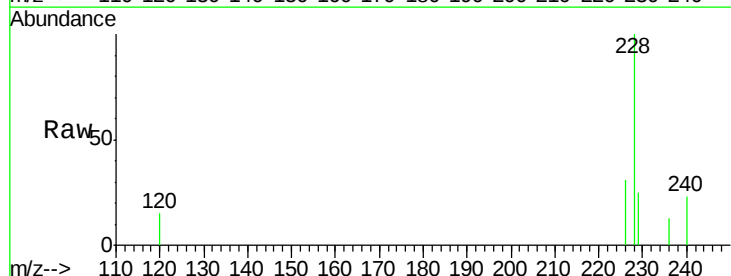
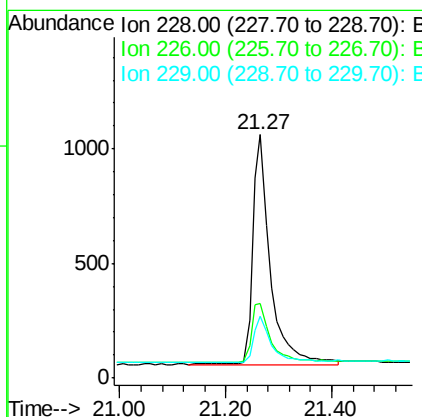
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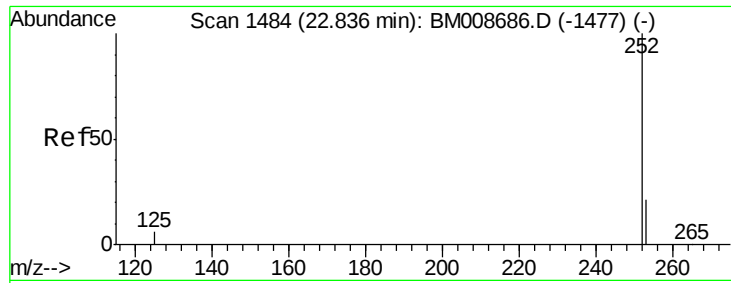
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#18
 Benzo(a)anthracene
 Concen: 0.57 ng/ul
 RT: 21.27 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BM008687.D
 Acq: 28 Dec 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2280		
226	30.7		22.8	34.2
229	25.2		17.0	25.6





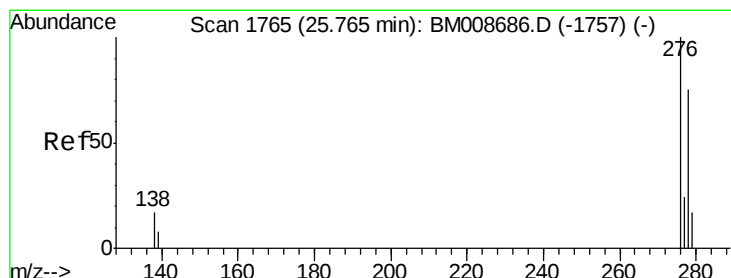
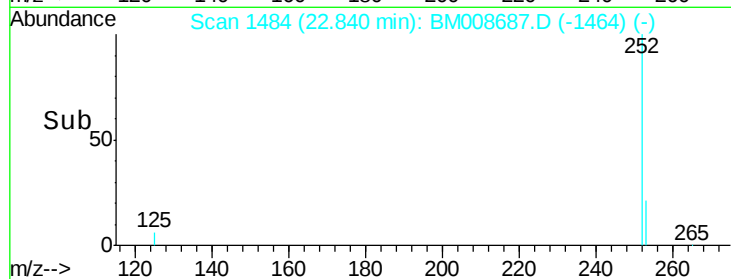
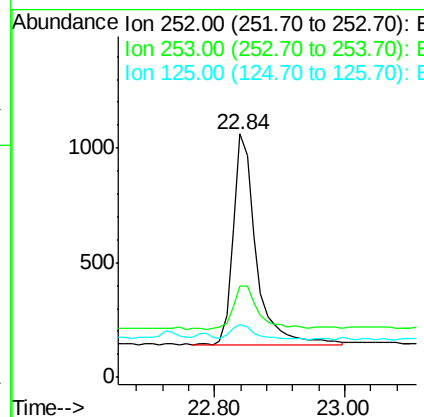
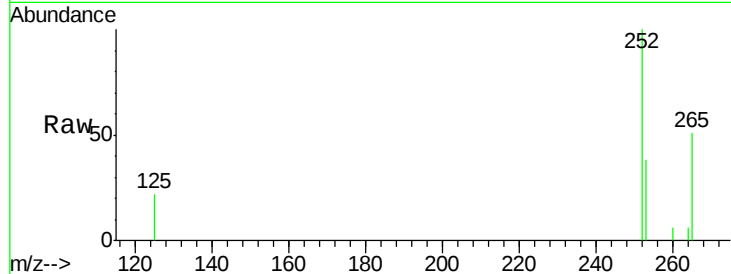
#21
Benzo(b)fluoranthene
Concen: 0.46 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BM008687.D
Acq: 28 Dec 2016 10:51

Instrument :
BNA_M
ClientSampleId :
DA938

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	37.7	0.0	64.2
125	21.8	0.0	35.0

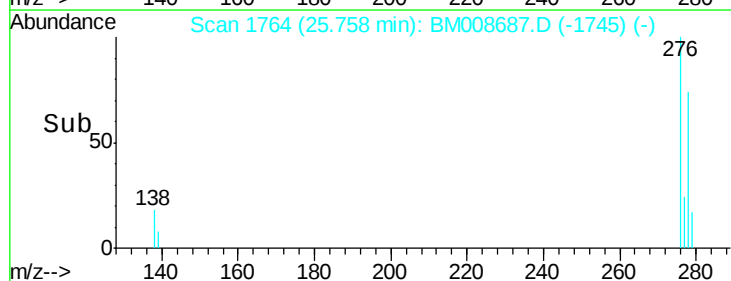
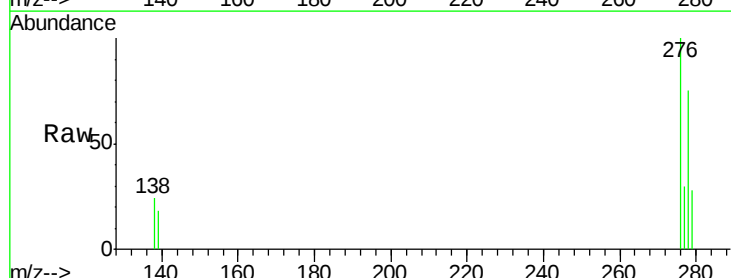
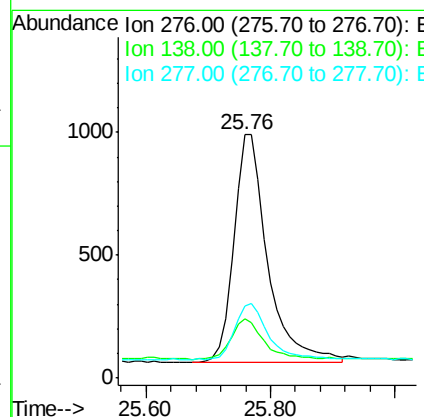
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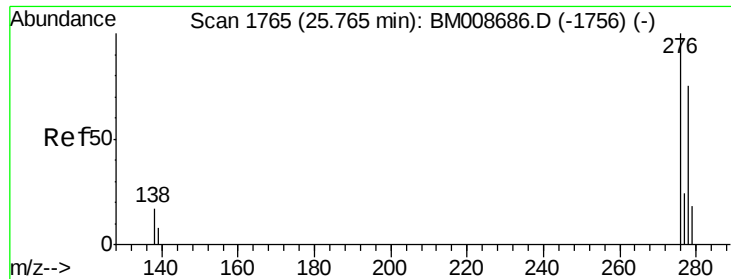
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.66 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008687.D
Acq: 28 Dec 2016 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.6	19.1	28.7#
277	24.7	19.6	29.4





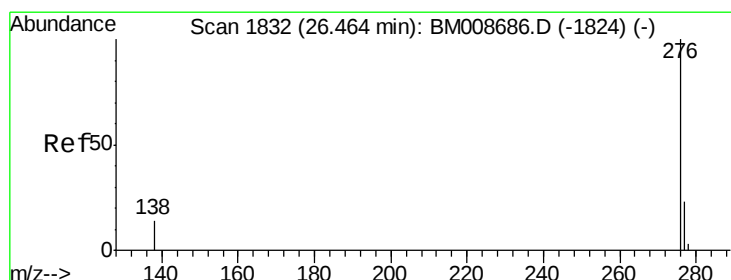
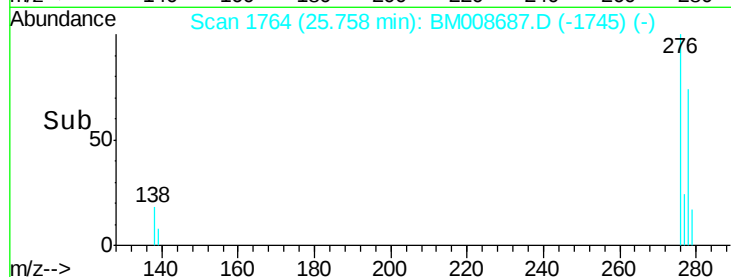
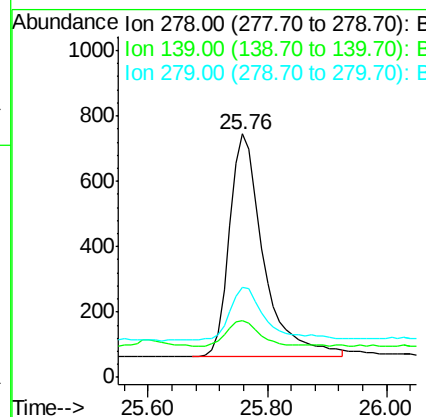
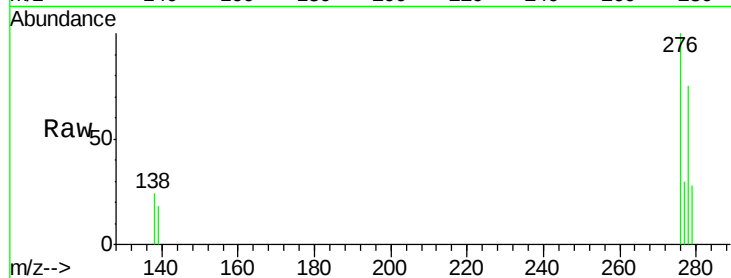
#25
Dibenzo(a,h)anthracene
Concen: 0.64 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008687.D
Acq: 28 Dec 2016 10:51

Instrument :
BNA_M
ClientSampleId :
DA938

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2705		
139	23.4	17.4	26.0	
279	37.0	25.9	38.9	

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#26
Benzo(g,h,i)perylene
Concen: 0.52 ng/ul
RT: 26.46 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM008687.D
Acq: 28 Dec 2016 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2370		
277	31.3	21.8	32.8	
138	23.7	20.5	30.7	

