

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
 Data File : BM008657.D
 Acq On : 25 Dec 2016 06:03
 Operator : UM/SJ
 Sample : H5995-16DL 10X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA884DL

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Quant Time: Dec 26 03:06:44 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 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	379	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.52	136	1252m	0.40	ng/ul	0.05
6) Acenaphthene-d10	14.31	164	718	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1255m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	1484	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	1612	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	19	0.01	ng/ul	0.06
14) Fluoranthene-d10	19.11	212	99m	0.03	ng/ul	0.01
Target Compounds						
3) Naphthalene	10.56	128	147	0.04	ng/ul#	1
5) 2-Methylnaphthalene	12.22	142	172	0.07	ng/ul	88
7) Acenaphthylene	14.04	152	82	0.03	ng/ul#	1
12) Phenanthrene	17.12	178	323m	0.08	ng/ul	
13) Anthracene	17.21	178	114	0.03	ng/ul#	1
15) Fluoranthene	19.13	202	712m	0.15	ng/ul	
17) Pyrene	19.50	202	804	0.14	ng/ul#	80
18) Benzo(a)anthracene	21.25	228	680	0.14	ng/ul#	63
19) Chrysene	21.30	228	723	0.14	ng/ul#	73
21) Benzo(b)fluoranthene	22.83	252	1208m	0.19	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	420m	0.07	ng/ul	
23) Benzo(a)pyrene	23.40	252	604	0.10	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.76	276	605	0.09	ng/ul#	93
26) Benzo(g,h,i)perylene	26.44	276	644	0.11	ng/ul#	58

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

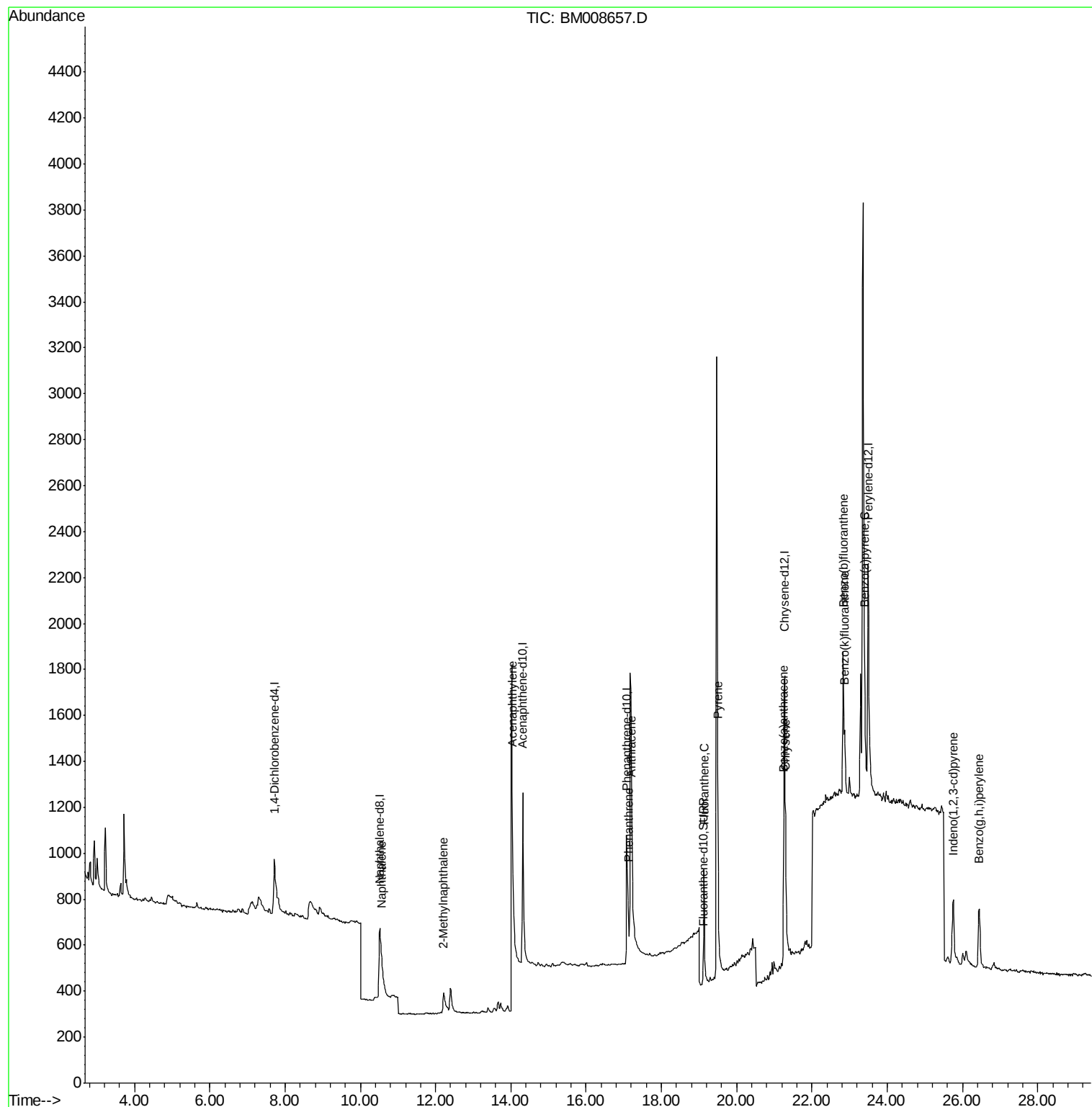
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008657.D
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Operator : UM/SJ
Sample : H5995-16DL 10X
Misc :
ALS Vial : 72 Sample Multiplier: 1

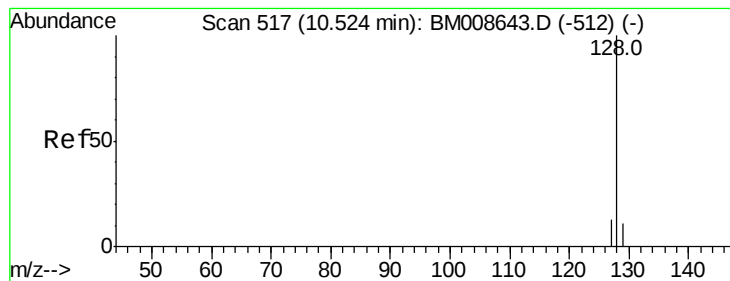
Instrument :
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QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. 0.04 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

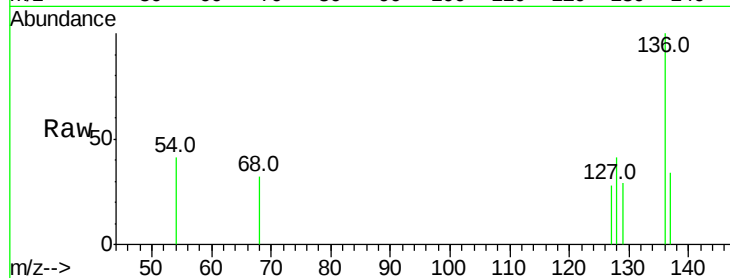
ClientSampleId :

DA884DL

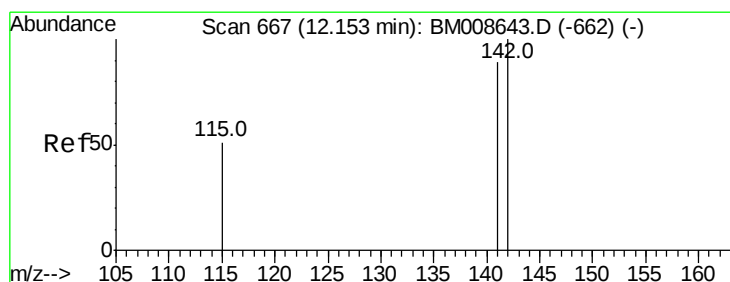
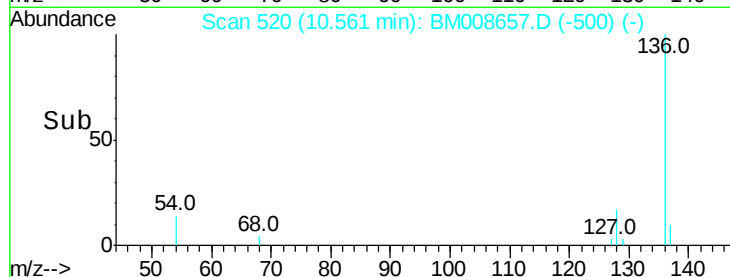
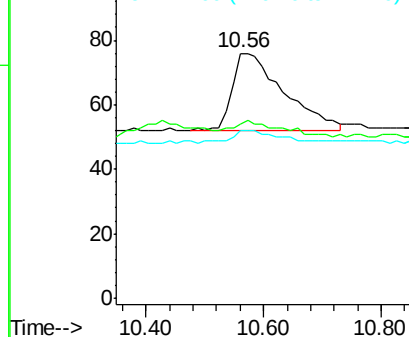
Tot Ion:	128	Resp:	147
Ion Ratio	Lower	Upper	
128	100		
129	71.1	11.3	16.9#
127	68.4	12.8	19.2#

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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: 0.07 ng/ul

RT: 12.22 min Scan# 673

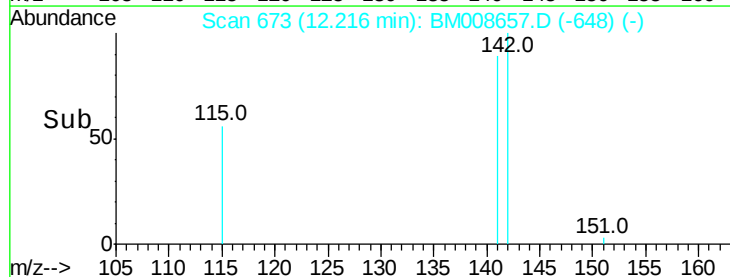
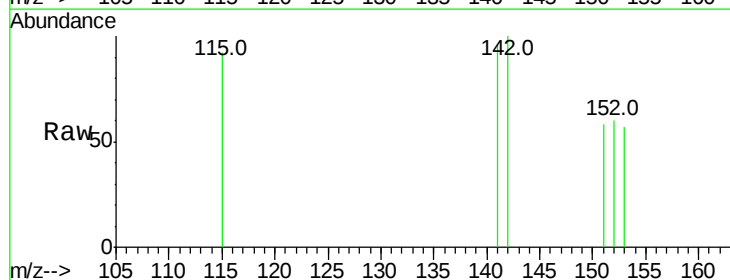
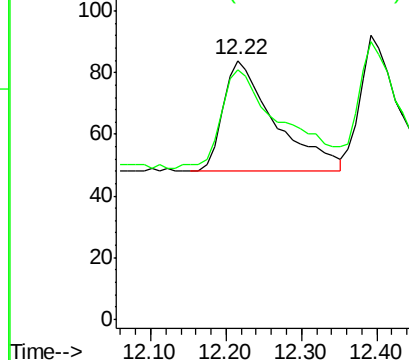
Delta R.T. 0.06 min

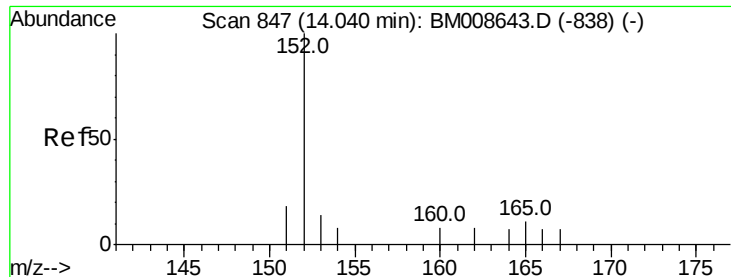
Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Tgt Ion:	142	Resp:	172
Ion Ratio	Lower	Upper	
142	100		
141	101.7	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

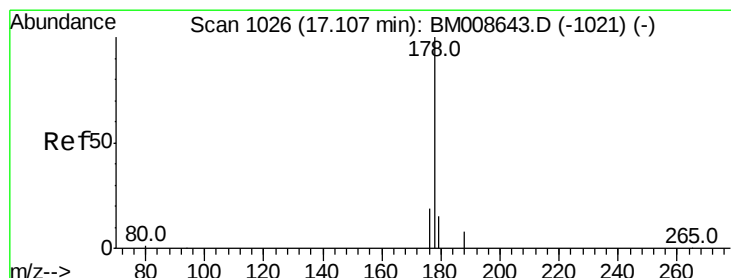
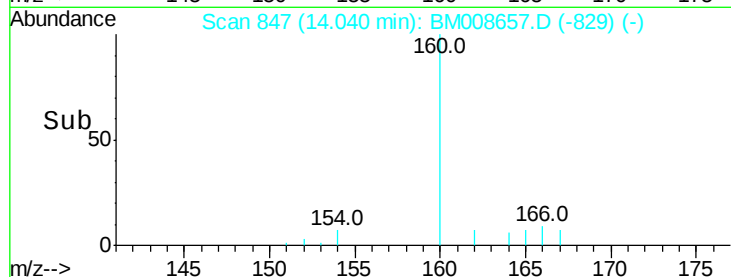
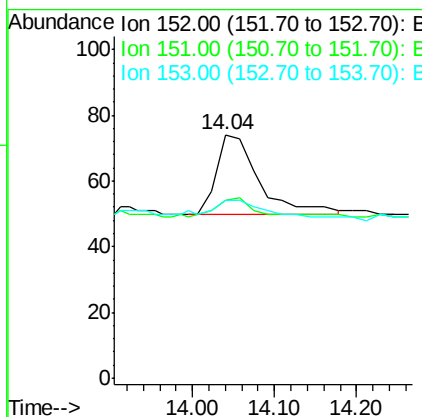
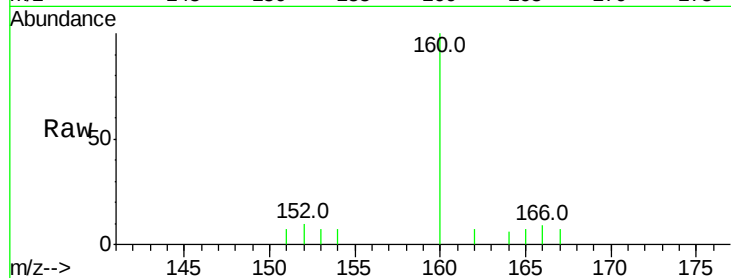
ClientSampleId :

DA884DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	73.0	17.1	25.7#
153	73.0	12.8	19.2#

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#12

Phenanthrene

Concen: 0.08 ng/ul m

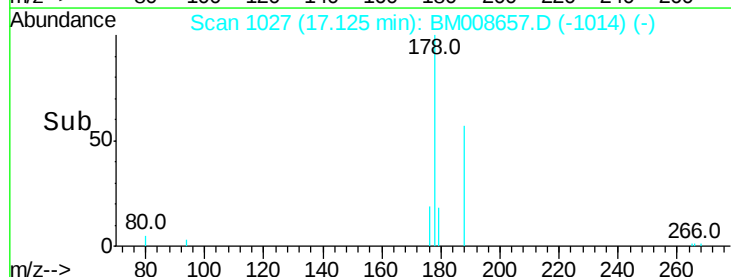
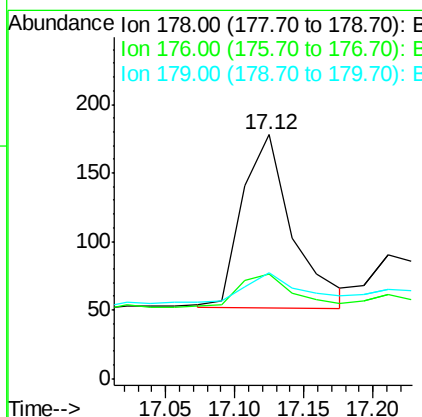
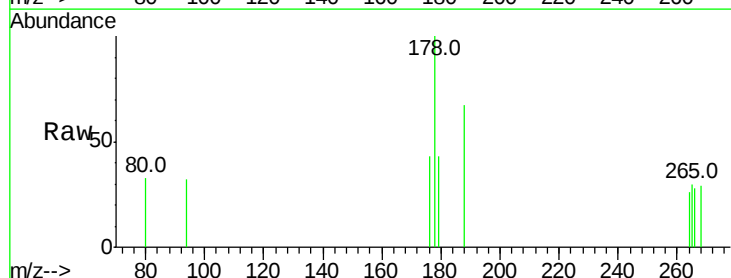
RT: 17.12 min Scan# 1027

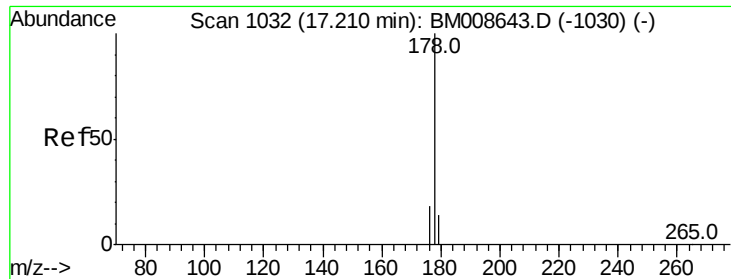
Delta R.T. 0.02 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	42.7	18.4	27.6#
179	43.3	13.6	20.4#





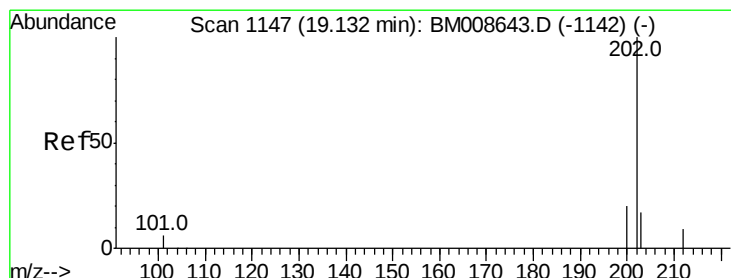
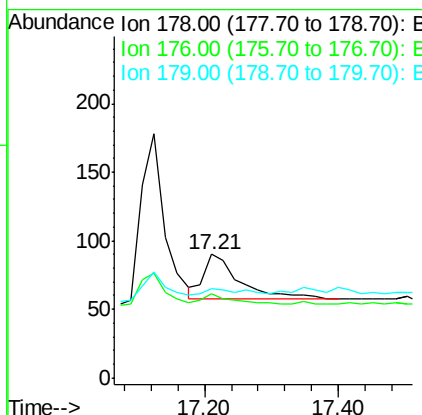
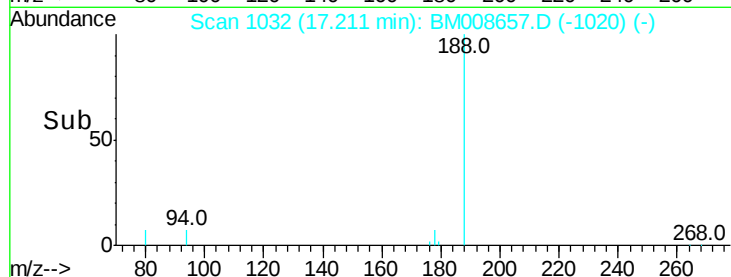
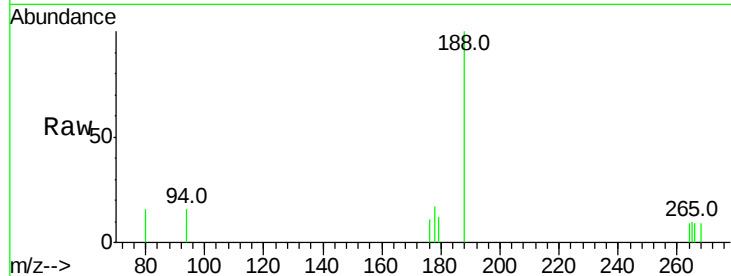
#13
 Anthracene
 Concen: 0.03 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM008657.D
 Acq: 25 Dec 2016 06:03

Instrument :
 BNA_M
 ClientSampleID :
 DA884DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	67.8	18.1	27.1#
179	72.2	14.7	22.1#

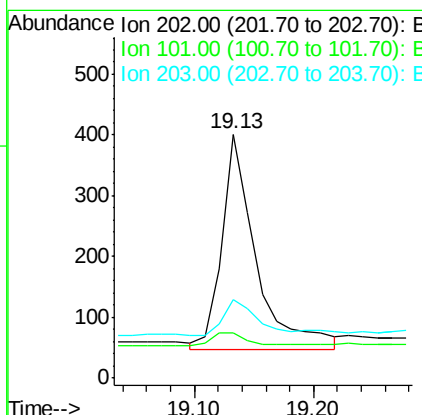
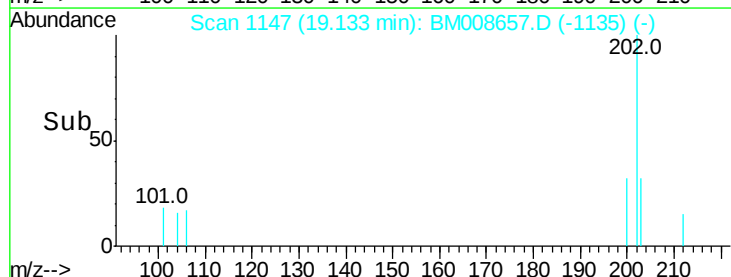
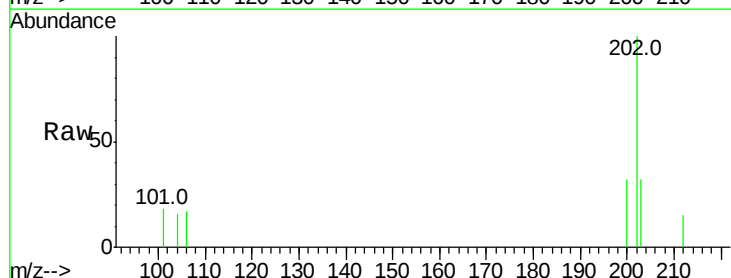
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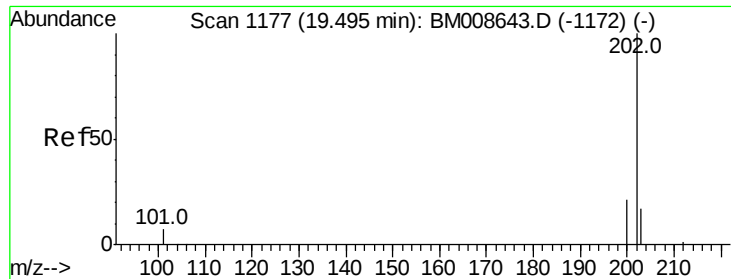
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#15
 Fluoranthene
 Concen: 0.15 ng/ul m
 RT: 19.13 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BM008657.D
 Acq: 25 Dec 2016 06:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.5	0.0	30.3
203	32.4	0.0	39.5





#17

Pvrene

Concen: 0.14 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

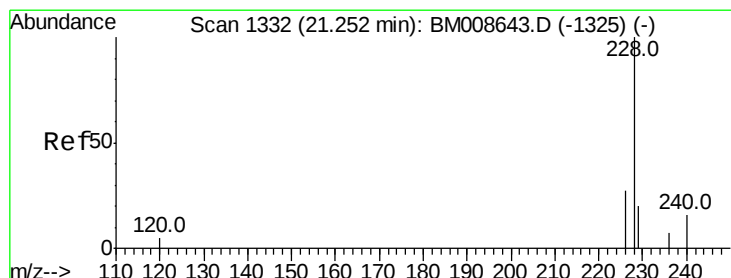
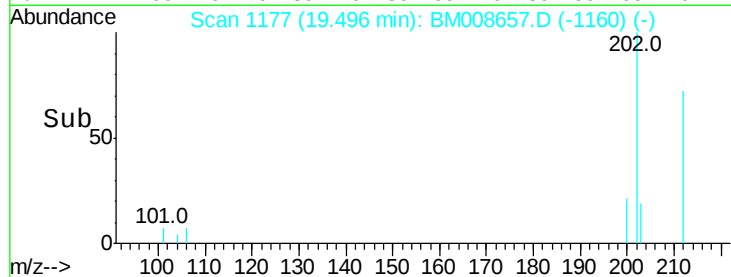
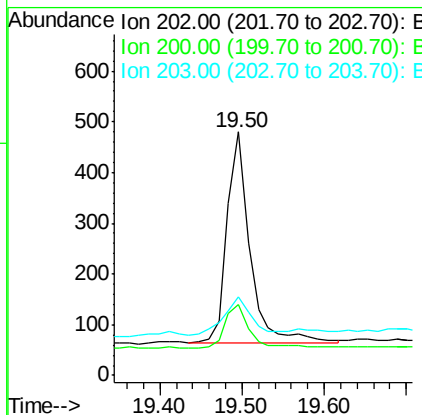
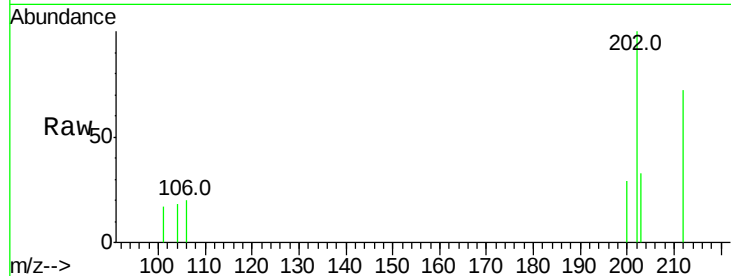
ClientSampleId :

DA884DL

Tot Ion:	202	Resp:	804
Ion Ratio	Lower	Upper	
202	100		
200	29.2	18.2	27.4#
203	32.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

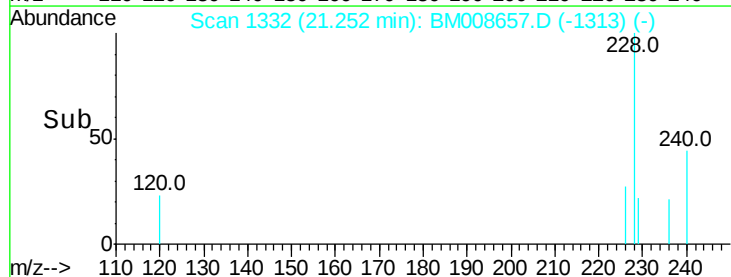
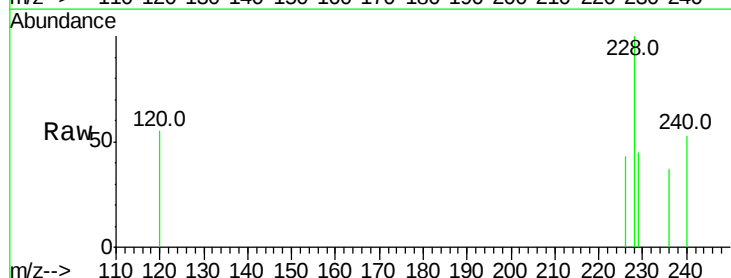
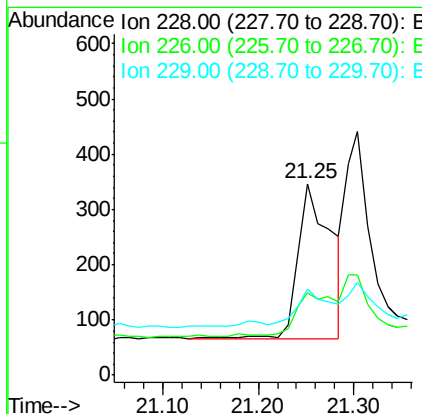
RT: 21.25 min Scan# 1332

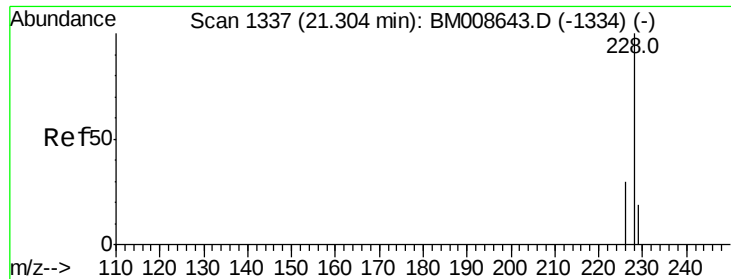
Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Tgt Ion:	228	Resp:	680
Ion Ratio	Lower	Upper	
228	100		
226	42.9	22.8	34.2#
229	44.7	17.0	25.6#





#19

Chrysene

Concen: 0.14 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Instrument :

BNA_M

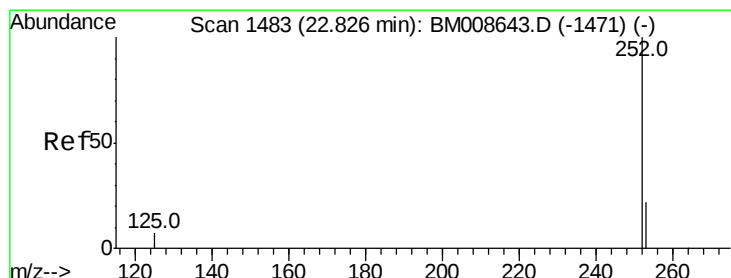
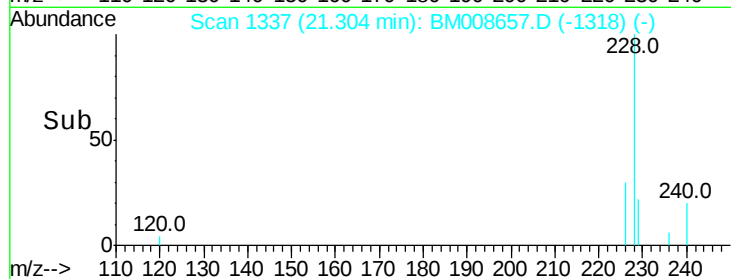
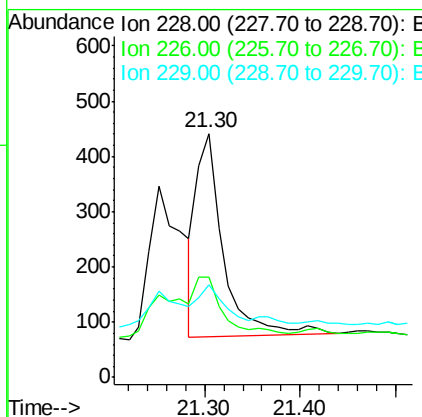
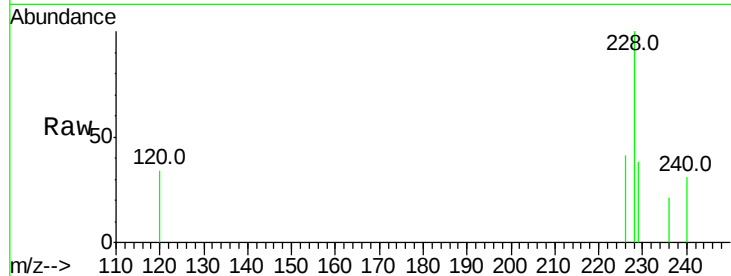
ClientSampled :

DA884DL

Tot Ion:	228	Resp:	723
Ion Ratio	Lower	Upper	
228	100		
226	41.0	23.4	35.0#
229	37.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.19 ng/ul m

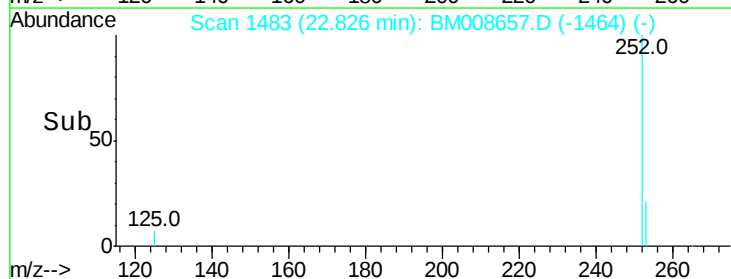
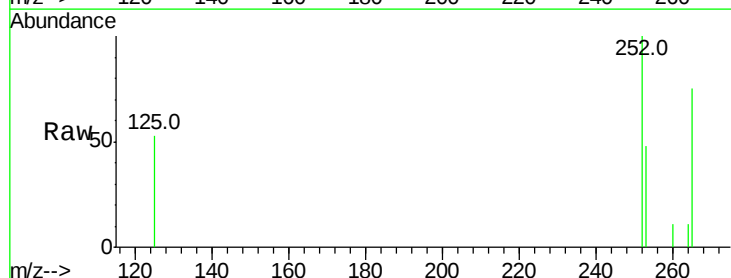
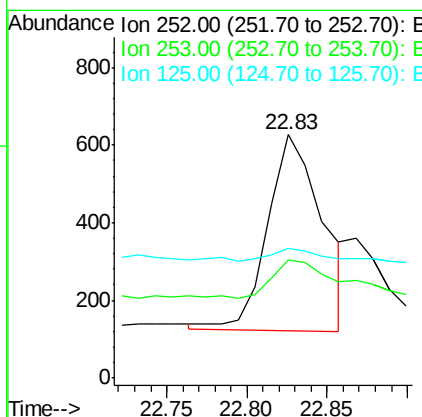
RT: 22.83 min Scan# 1483

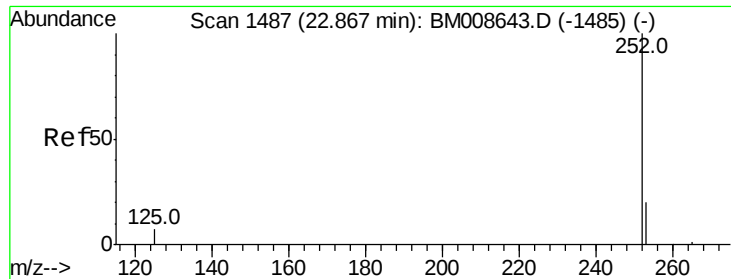
Delta R.T. 0.00 min

Lab File: BM008657.D

Acq: 25 Dec 2016 06:03

Tgt Ion:	252	Resp:	1208
Ion Ratio	Lower	Upper	
252	100		
253	48.5	0.0	64.2
125	53.4	0.0	35.0#





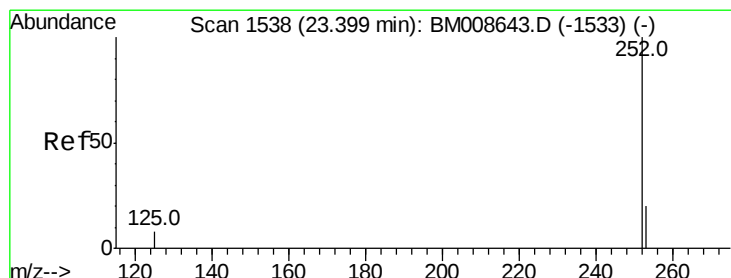
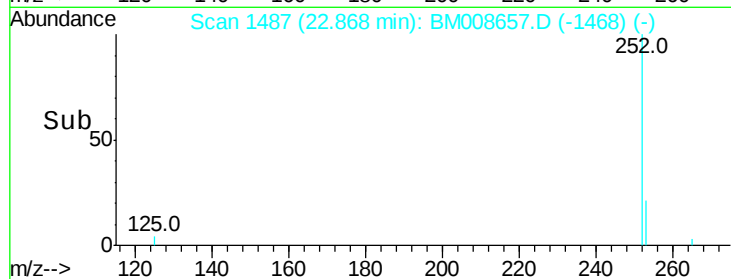
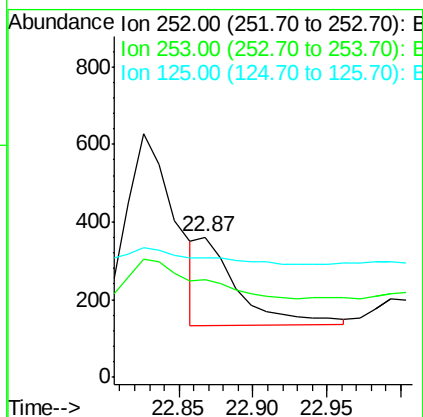
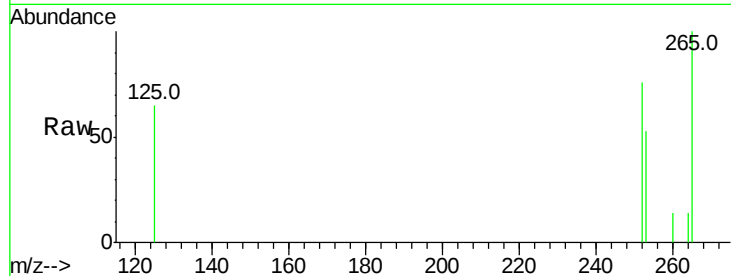
#22
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.87 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BM008657.D
Acq: 25 Dec 2016 06:03

Instrument :
BNA_M
ClientSampled :
DA884DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	69.5	24.5	36.7#
125	85.6	13.7	20.5#

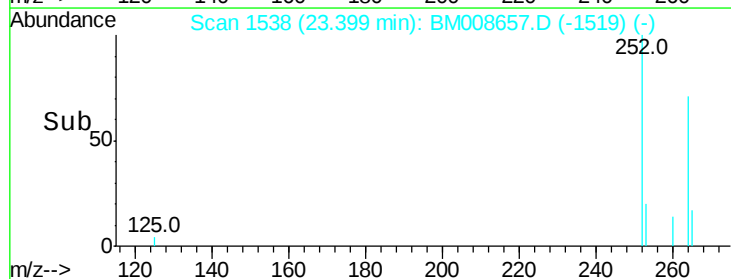
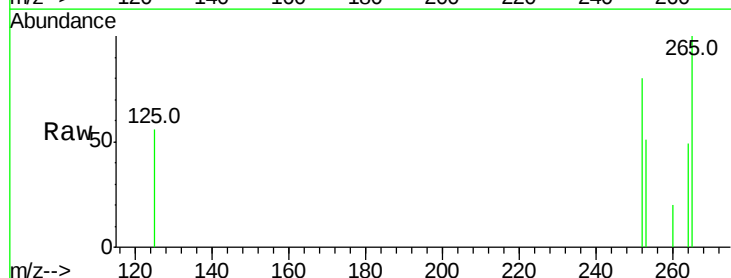
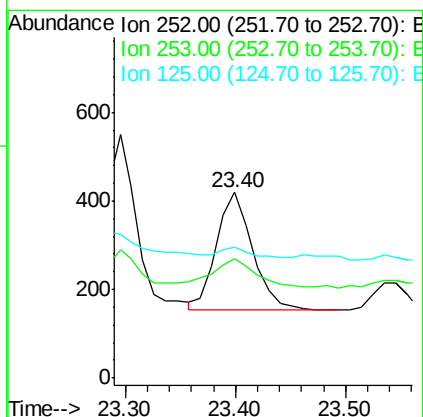
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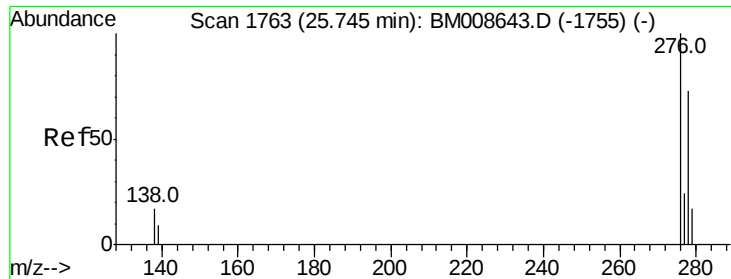
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#23
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.40 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BM008657.D
Acq: 25 Dec 2016 06:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.4	28.5	42.7#
125	70.4	18.1	27.1#





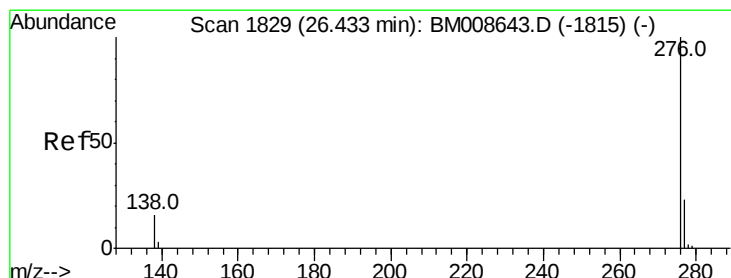
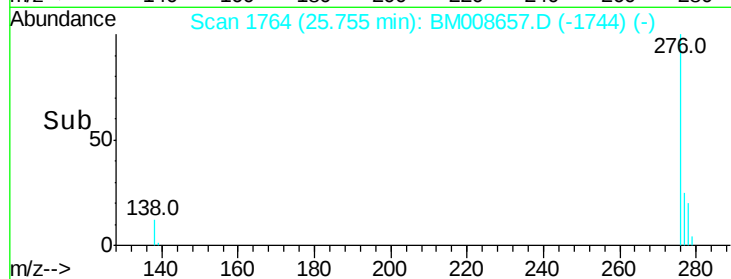
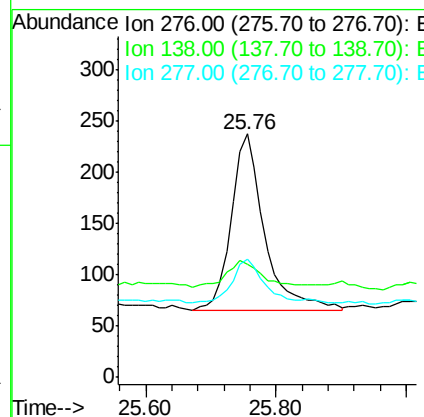
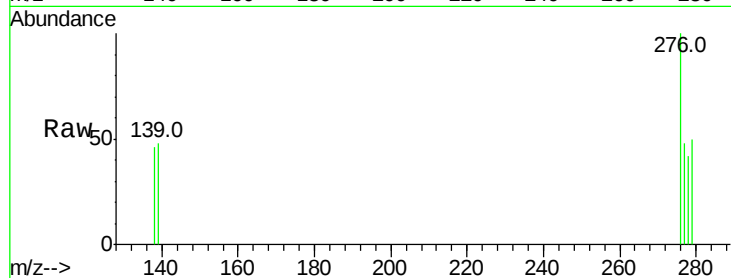
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng/ul
 RT: 25.76 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BM008657.D
 Acq: 25 Dec 2016 06:03

Instrument :
 BNA_M
 ClientSampleID :
 DA884DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	19.1	28.7#
277	24.0	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 26.44 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BM008657.D
 Acq: 25 Dec 2016 06:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	49.2	21.8	32.8#
138	46.6	20.5	30.7#

