

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008209.D
 Acq On : 09 Dec 2016 17:28
 Operator : UM/SJ
 Sample : H5863-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4

Manual Integrations
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Quant Time: Dec 09 18:04:45 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 17:57:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	633	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1941	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.33	164	1174	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2115	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	2354	0.40	ng/ul	-0.03
20) Perylene-d12	23.51	264	2240	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	565	0.21	ng/ul	-0.05
14) Fluoranthene-d10	19.12	212	1679	0.28	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	4254	0.78	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	5437	1.55	ng/ul	100
7) Acenaphthylene	14.04	152	1018	0.19	ng/ul#	73
8) Acenaphthene	14.38	153	294	0.07	ng/ul#	81
12) Phenanthrene	17.11	178	10519	1.60	ng/ul	97
13) Anthracene	17.21	178	1334m	0.22	ng/ul	
15) Fluoranthene	19.14	202	6640	0.78	ng/ul	96
17) Pyrene	19.51	202	6445	0.79	ng/ul	96
18) Benzo(a)anthracene	21.25	228	5657	0.78	ng/ul#	88
19) Chrysene	21.30	228	6784m	0.75	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	10641m	1.19	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2576m	0.28	ng/ul	
23) Benzo(a)pyrene	23.41	252	4982	0.59	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.76	276	4461	0.43	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.76	278	1432	0.17	ng/ul#	62
26) Benzo(a,h,i)perylene	26.44	276	3902	0.42	ng/ul	95

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

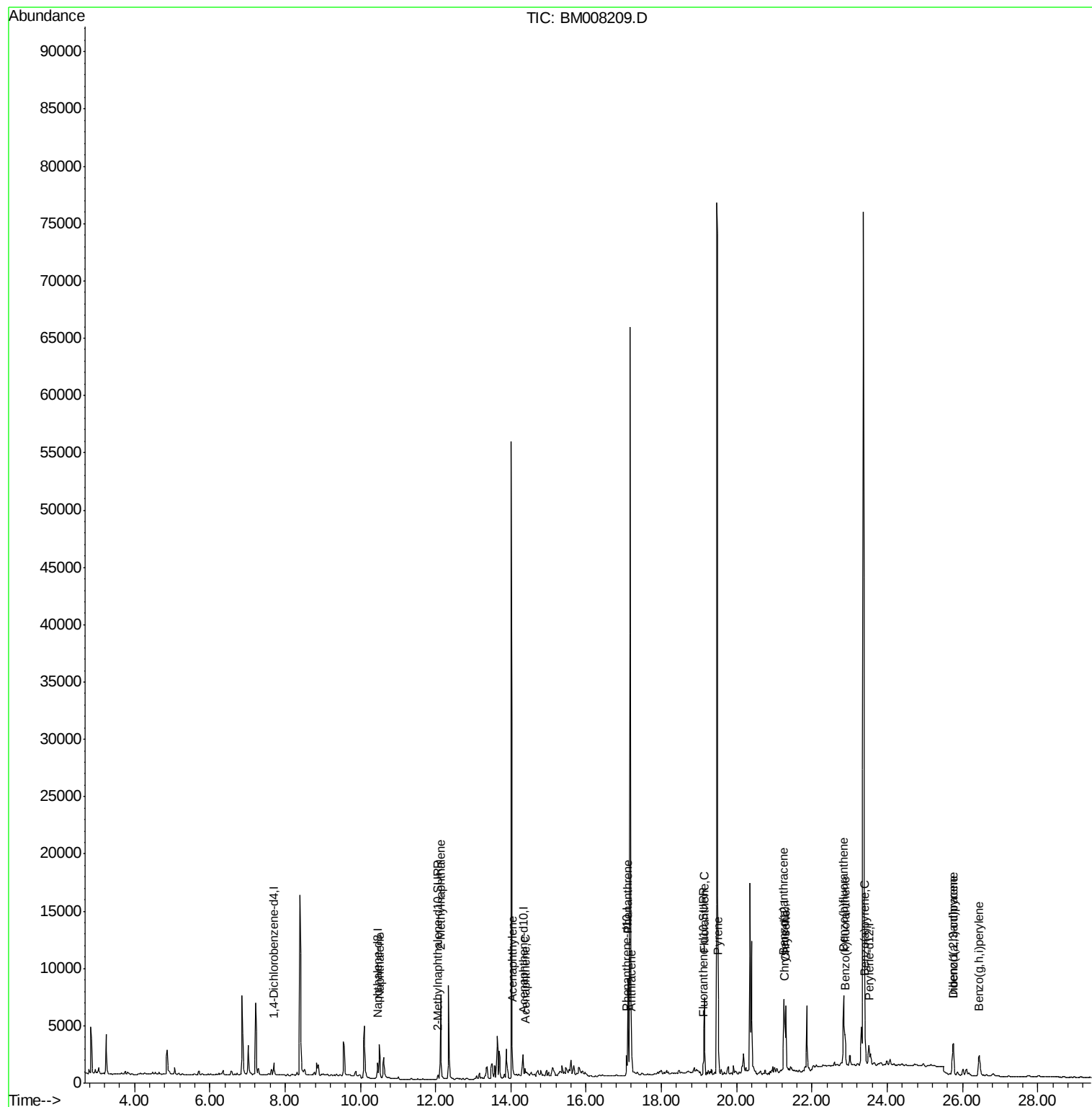
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008209.D
Acq On : 09 Dec 2016 17:28
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Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

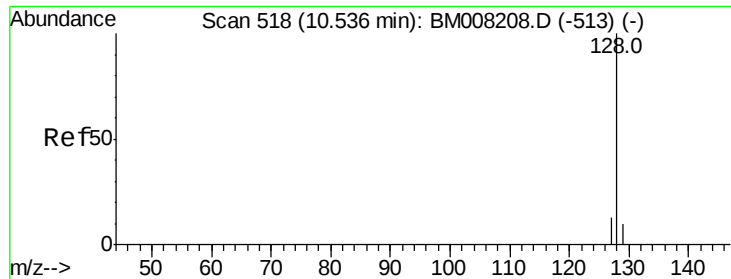
Instrument :
BNA_M
ClientSampleId :
DA7Y4

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Quant Time: Dec 09 18:04:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 17:57:55 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.04 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Instrument :

BNA_M

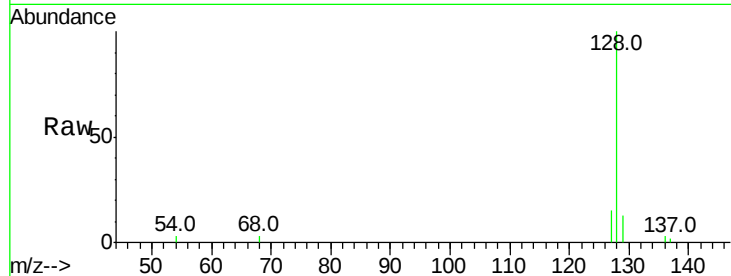
ClientSampleId :

DA7Y4

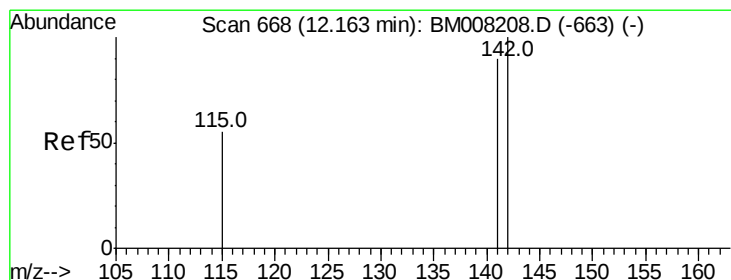
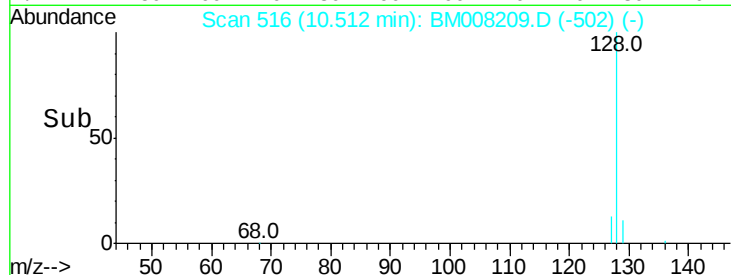
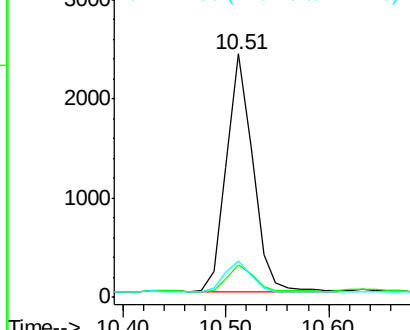
Tot Ion:	128	Resp:	4254
Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	15.1	12.8	19.2

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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: 1.55 ng/ul

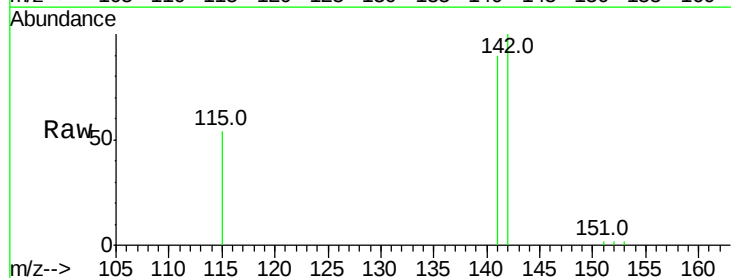
RT: 12.13 min Scan# 665

Delta R.T. -0.05 min

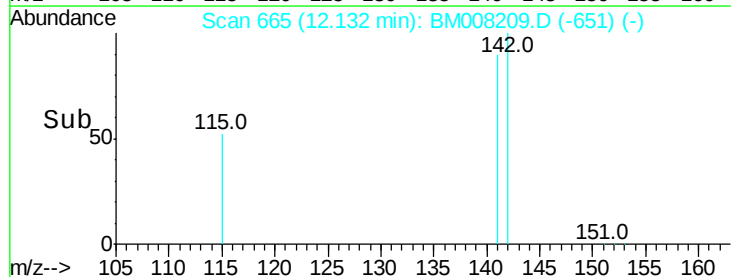
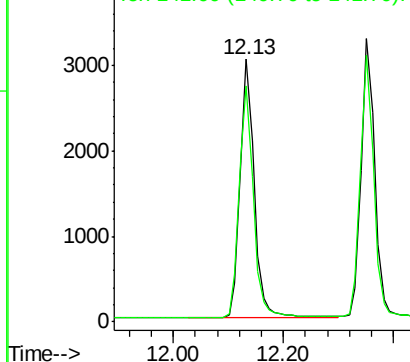
Lab File: BM008209.D

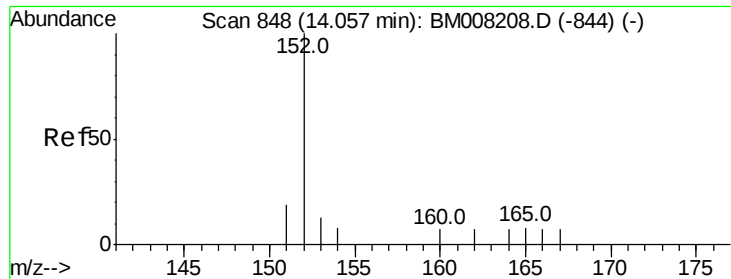
Acq: 09 Dec 2016 17:28

Tgt Ion:	142	Resp:	5437
Ion	Ratio	Lower	Upper
142	100		
141	90.7	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: 0.19 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Instrument :

BNA_M

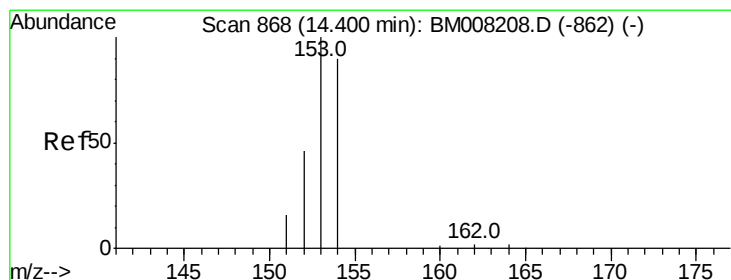
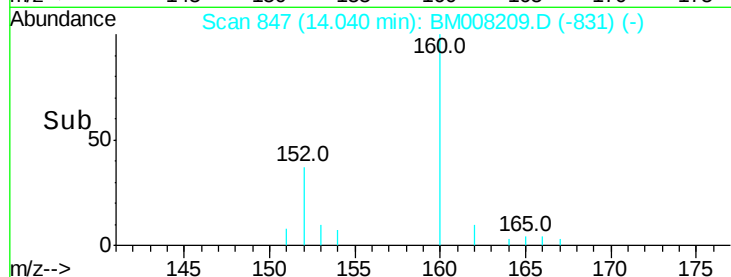
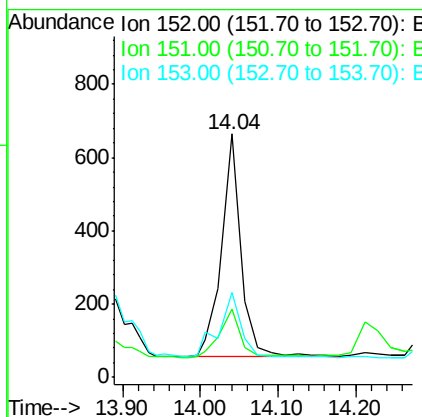
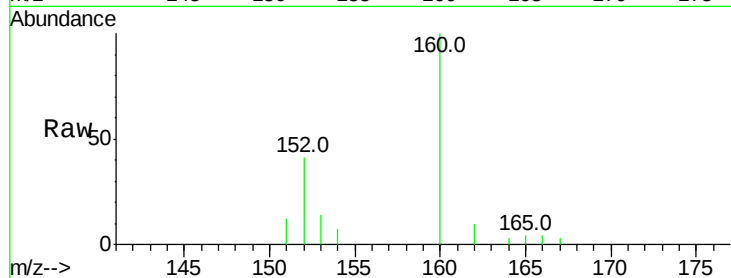
ClientSampleId :

DA7Y4

Tot Ion:	152	Resp:	1018
Ion Ratio	Lower	Upper	
152	100		
151	28.1	17.1	25.7#
153	34.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.07 ng/ul

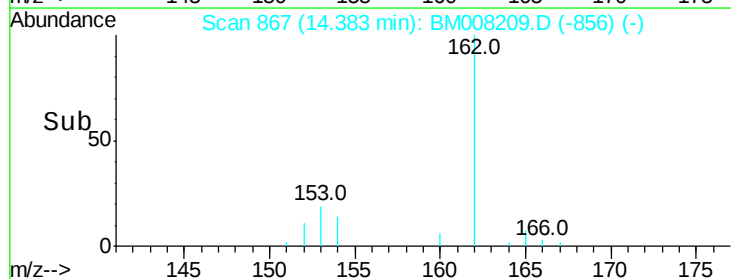
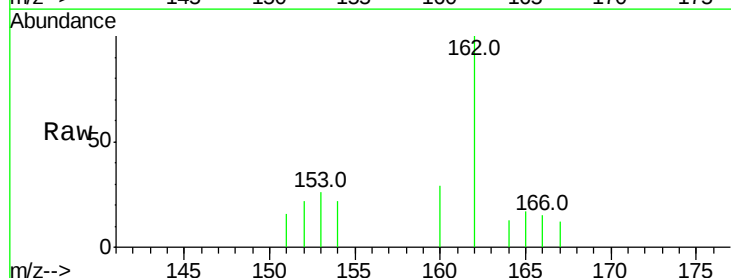
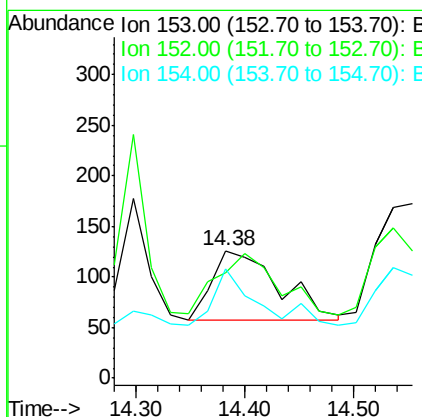
RT: 14.38 min Scan# 867

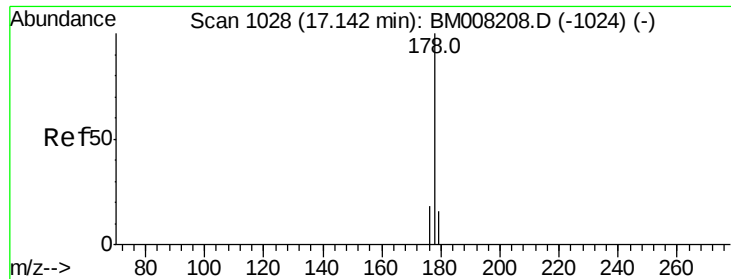
Delta R.T. -0.02 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Tgt Ion:	153	Resp:	294
Ion Ratio	Lower	Upper	
153	100		
152	82.5	40.3	60.5#
154	85.7	71.4	107.2





#12

Phenanthrene

Concen: 1.60 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

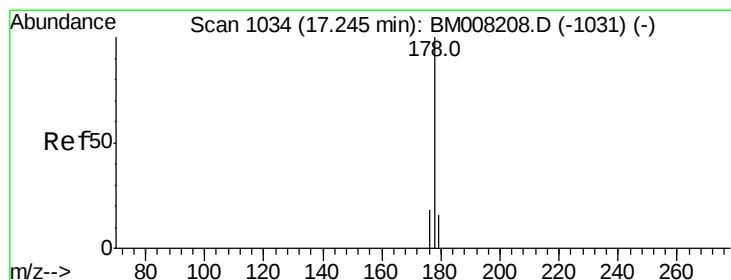
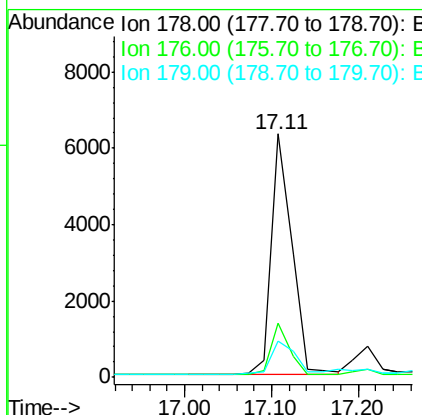
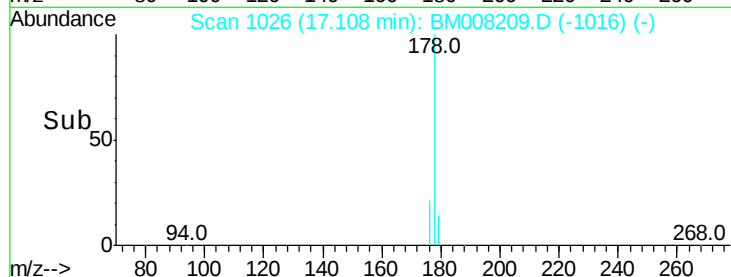
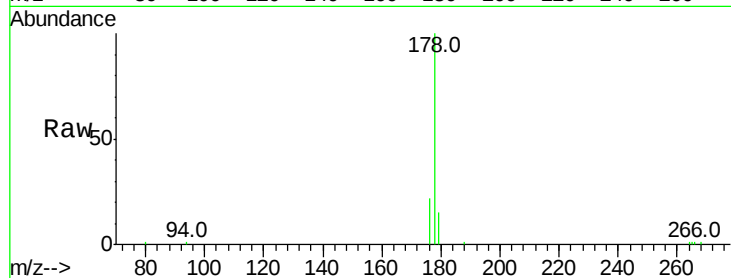
Instrument :
BNA_M
ClientSampleId :
DA7Y4

Tot Ion:178 Resp: 10519

Ion	Ratio	Lower	Upper
178	100		
176	22.3	18.4	27.6
179	14.9	13.6	20.4

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#13

Anthracene

Concen: 0.22 ng/ul m

RT: 17.21 min Scan# 1032

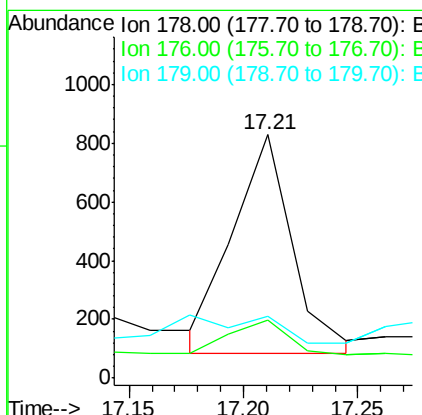
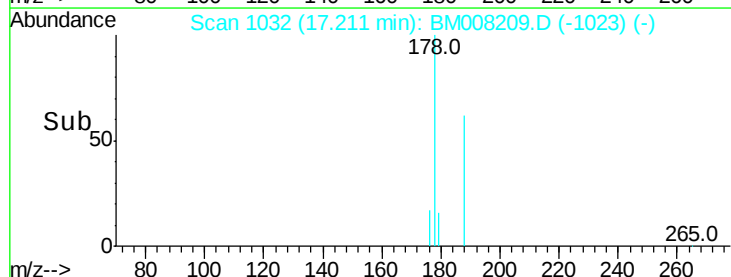
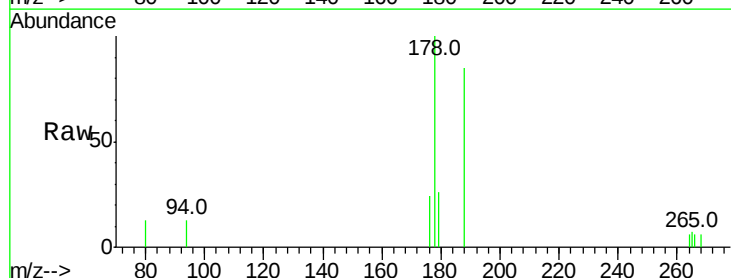
Delta R.T. -0.05 min

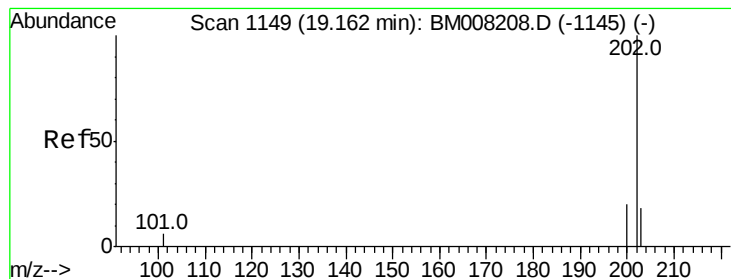
Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Tgt Ion:178 Resp: 1334

Ion	Ratio	Lower	Upper
178	100		
176	24.0	18.1	27.1
179	25.6	14.7	22.1#





#15

Fluoranthene

Concen: 0.78 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Instrument :

BNA_M

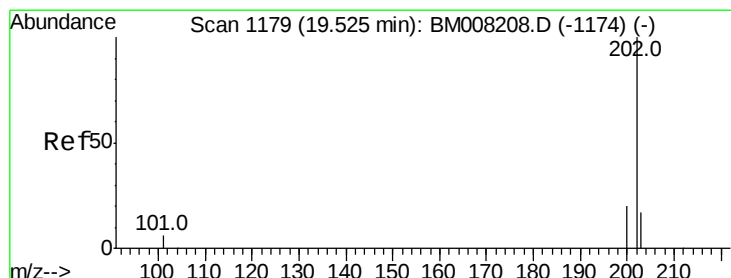
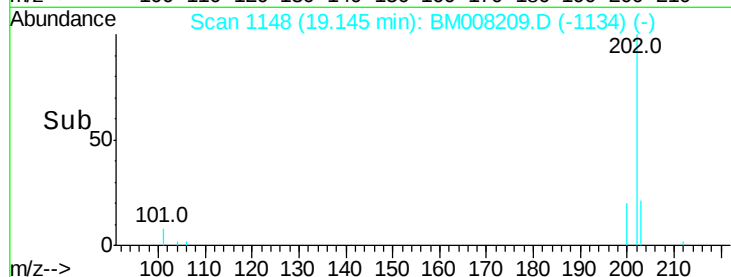
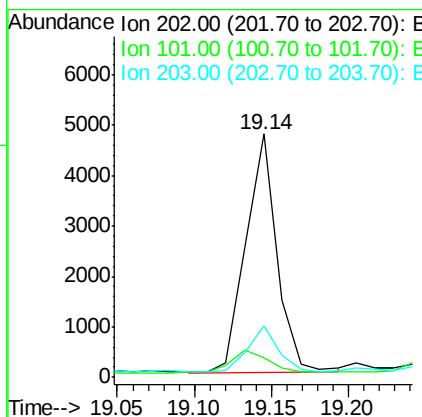
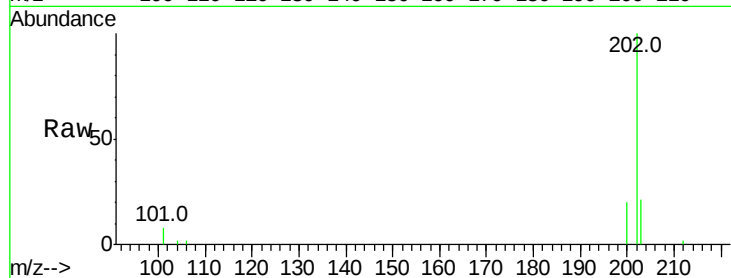
ClientSampleId :

DA7Y4

Tot Ion:	202	Resp:	6640
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	30.3
203	21.0	0.0	39.5

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#17

Pyrene

Concen: 0.79 ng/ul

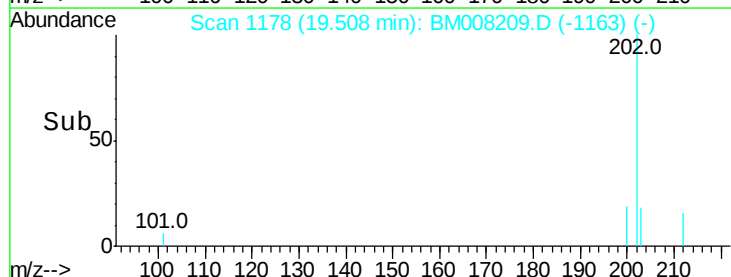
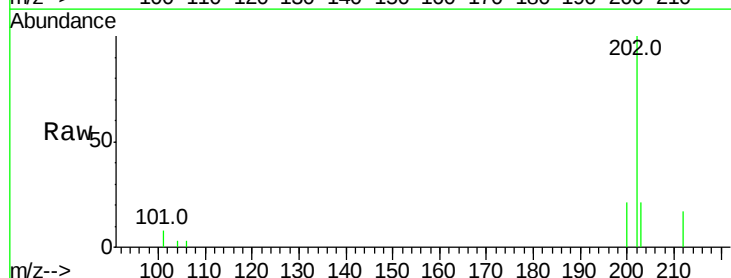
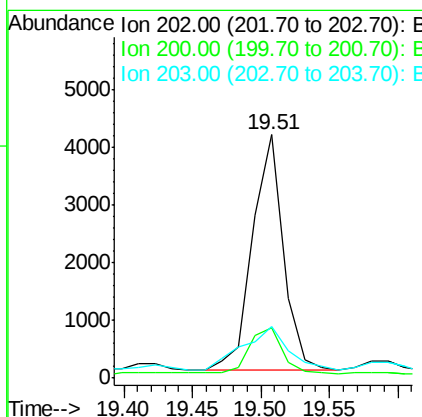
RT: 19.51 min Scan# 1178

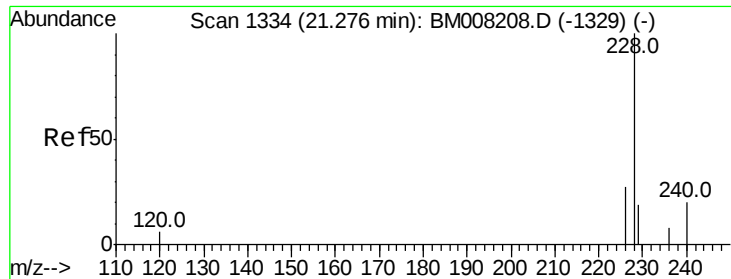
Delta R.T. -0.02 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Tgt Ion:	202	Resp:	6445
Ion Ratio	Lower	Upper	
202	100		
200	20.9	18.2	27.4
203	21.1	15.6	23.4





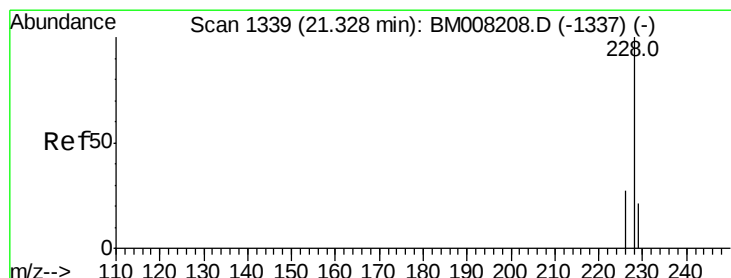
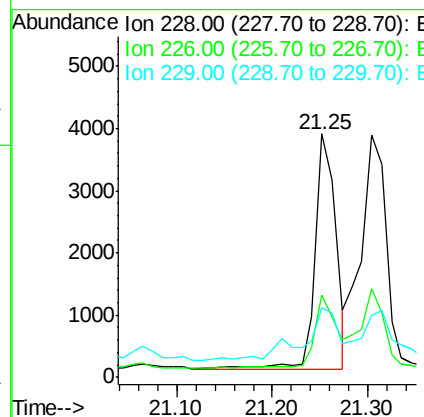
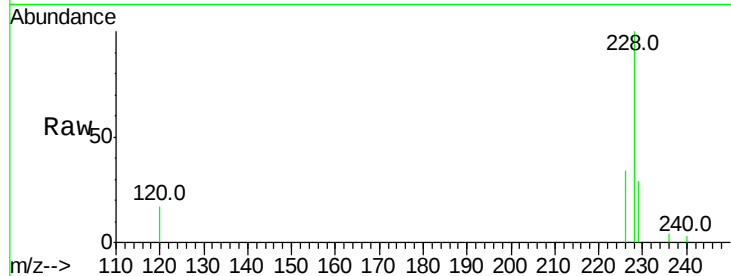
#18
Benzo(a)anthracene
Concen: 0.78 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BM008209.D
Acq: 09 Dec 2016 17:28

Instrument :
BNA_M
ClientSampled :
DA7Y4

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.8	34.2
229	28.6	17.0	25.6

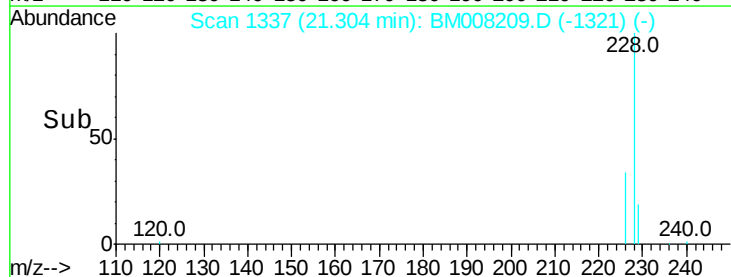
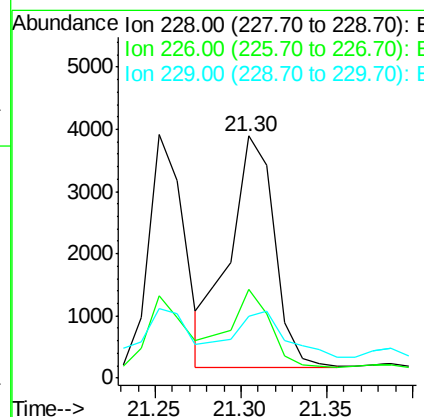
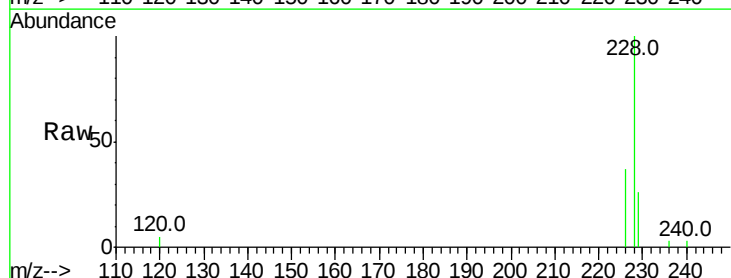
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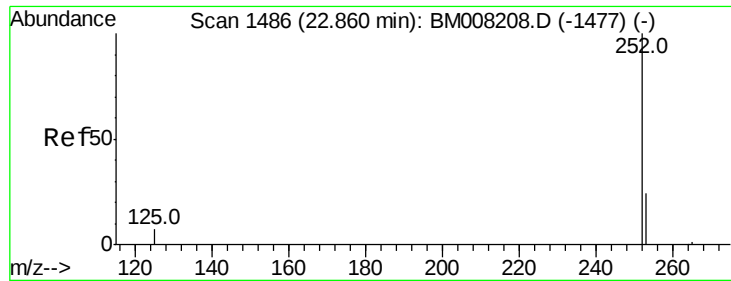
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#19
Chrysene
Concen: 0.75 ng/ul m
RT: 21.30 min Scan# 1337
Delta R.T. -0.03 min
Lab File: BM008209.D
Acq: 09 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.6	23.4	35.0
229	25.8	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.19 ng/ul m

RT: 22.84 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Instrument :

BNA_M

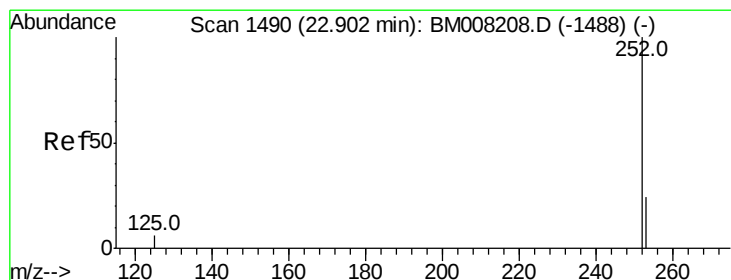
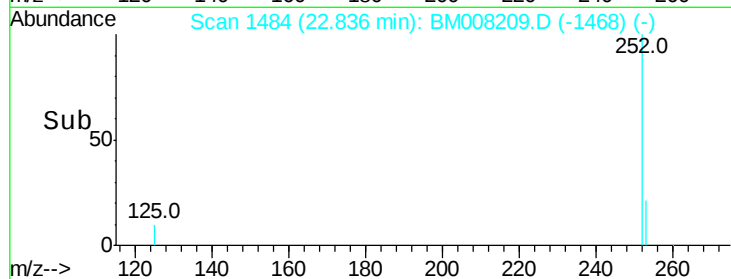
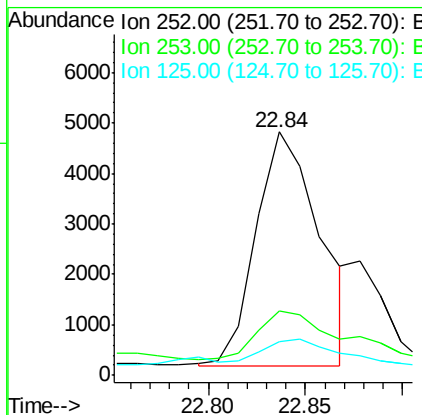
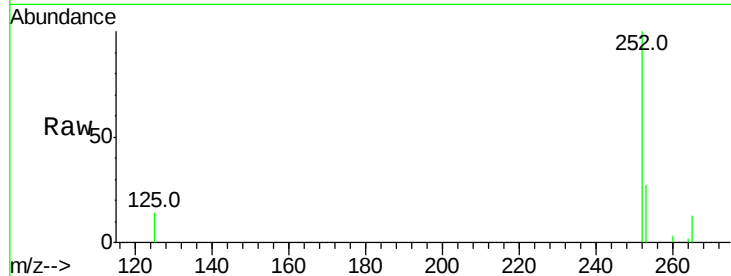
ClientSampleId :

DA7Y4

Tot Ion:	252	Resp:	10641
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	64.2
125	13.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.28 ng/ul m

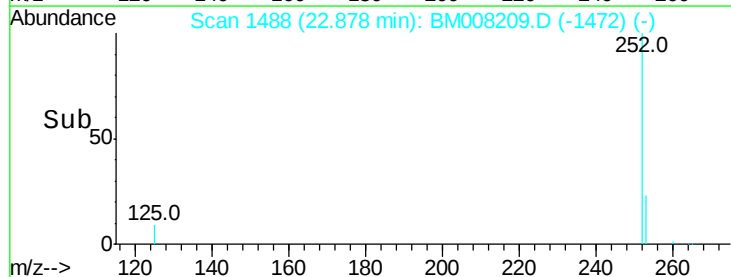
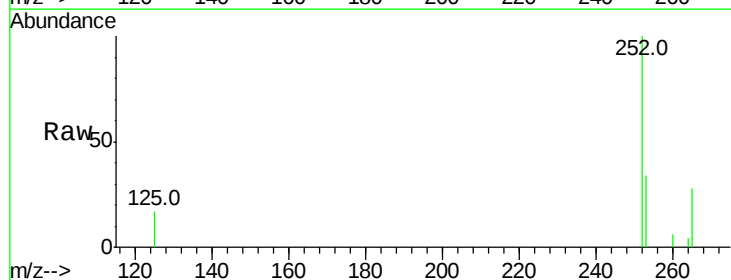
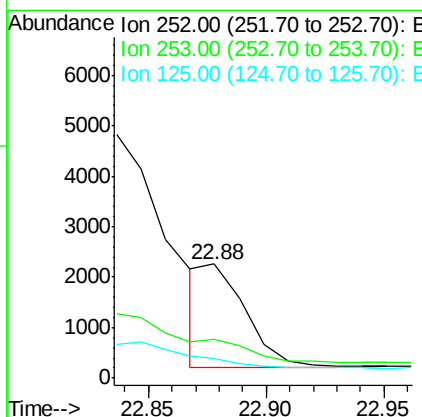
RT: 22.88 min Scan# 1488

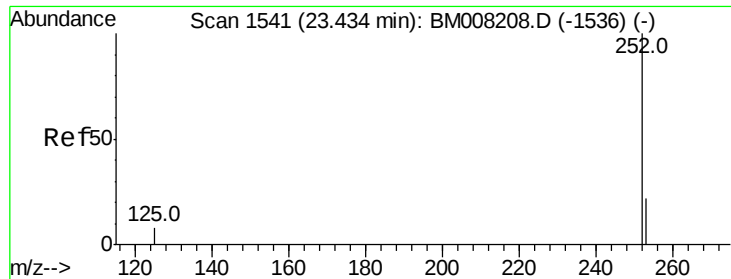
Delta R.T. -0.03 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Tgt Ion:	252	Resp:	2576
Ion Ratio	Lower	Upper	
252	100		
253	34.1	24.5	36.7
125	17.0	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.59 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.04 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Instrument :

BNA_M

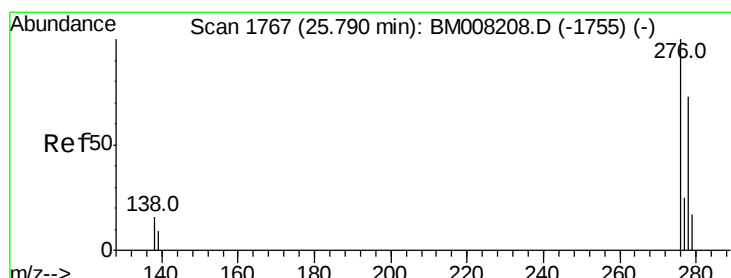
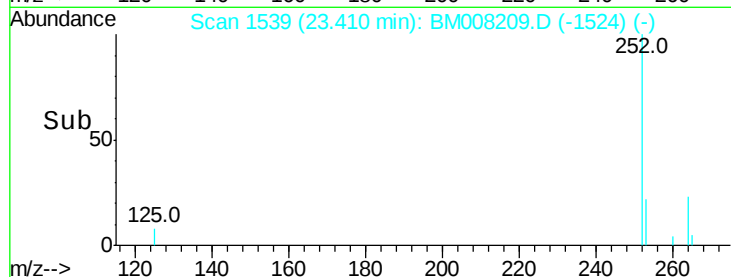
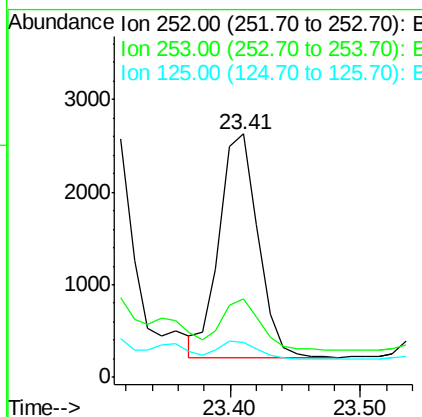
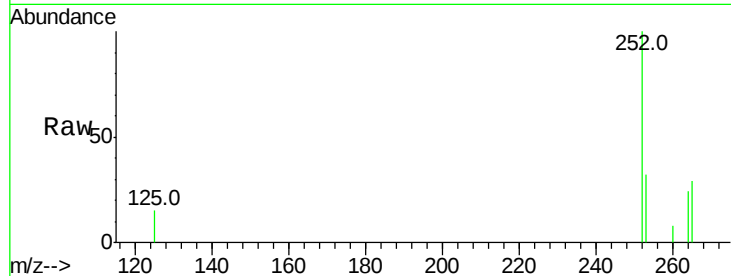
ClientSampleId :

DA7Y4

Tot Ion:	252	Resp:	4982
Ion Ratio	Lower	Upper	
252	100		
253	32.4	28.5	42.7
125	14.5	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng/ul

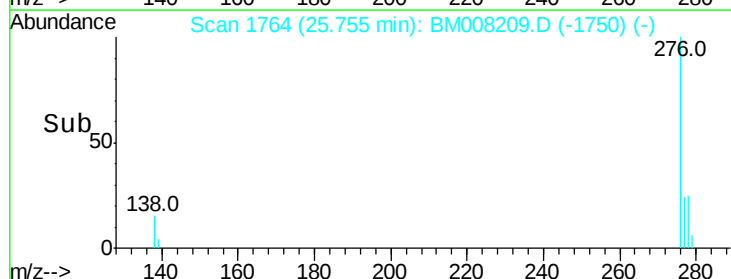
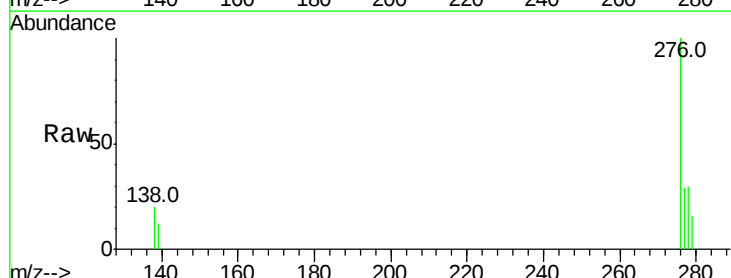
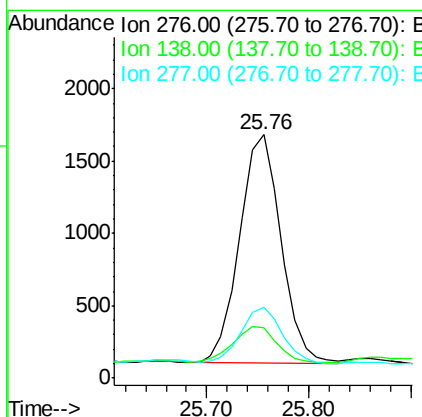
RT: 25.76 min Scan# 1764

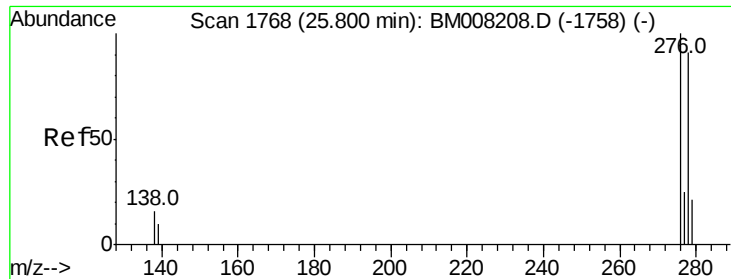
Delta R.T. -0.05 min

Lab File: BM008209.D

Acq: 09 Dec 2016 17:28

Tgt Ion:	276	Resp:	4461
Ion Ratio	Lower	Upper	
276	100		
138	16.7	19.1	28.7#
277	24.3	19.6	29.4





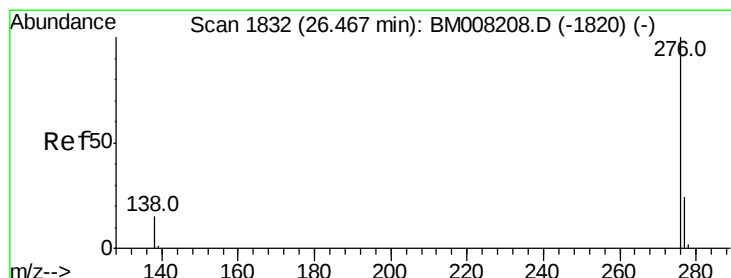
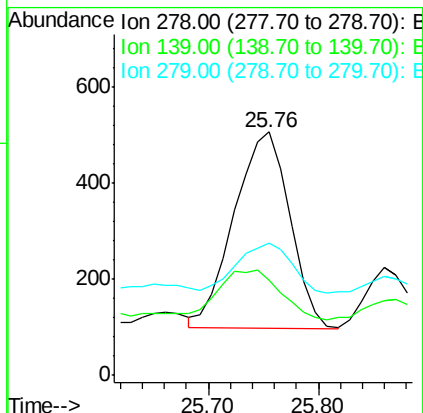
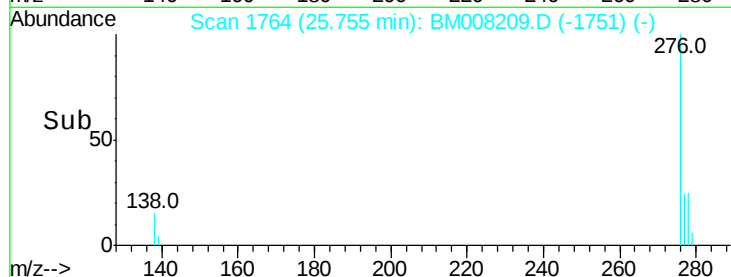
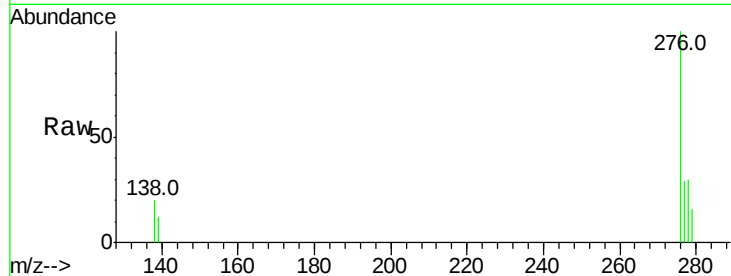
#25
Dibenzo(a,h)anthracene
Concen: 0.17 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.06 min
Lab File: BM008209.D
Acq: 09 Dec 2016 17:28

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.1	17.4	26.0#
279	54.4	25.9	38.9#

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:22 PM



#26
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM008209.D
Acq: 09 Dec 2016 17:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.1	21.8	32.8
138	21.8	20.5	30.7

