

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
 Data File : BM008259.D
 Acq On : 12 Dec 2016 12:30
 Operator : UM/SJ
 Sample : H5863-09DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8DL

Manual Integrations
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Quant Time: Dec 13 02:34:16 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	520	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1778	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1074	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2059	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1834	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1637	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	71	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	185m	0.03	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	500	0.10	ng/ul#	69
5) 2-Methylnaphthalene	12.14	142	455	0.14	ng/ul	99
7) Acenaphthylene	14.04	152	1430	0.29	ng/ul	95
8) Acenaphthene	14.38	153	118	0.03	ng/ul#	85
12) Phenanthrene	17.11	178	1044	0.16	ng/ul#	90
13) Anthracene	17.21	178	1413	0.23	ng/ul#	96
15) Fluoranthene	19.14	202	7609	0.92	ng/ul	95
17) Pyrene	19.51	202	8630	1.36	ng/ul	97
18) Benzo(a)anthracene	21.25	228	4813	0.86	ng/ul	96
19) Chrysene	21.30	228	8108	1.16	ng/ul	92
21) Benzo(b)fluoranthene	22.84	252	15982m	2.45	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	3970m	0.59	ng/ul	
23) Benzo(a)pyrene	23.41	252	6837m	1.12	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	7574	1.00	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.76	278	1855	0.31	ng/ul#	92
26) Benzo(a,h,i)perylene	26.44	276	6850	1.02	ng/ul#	90

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

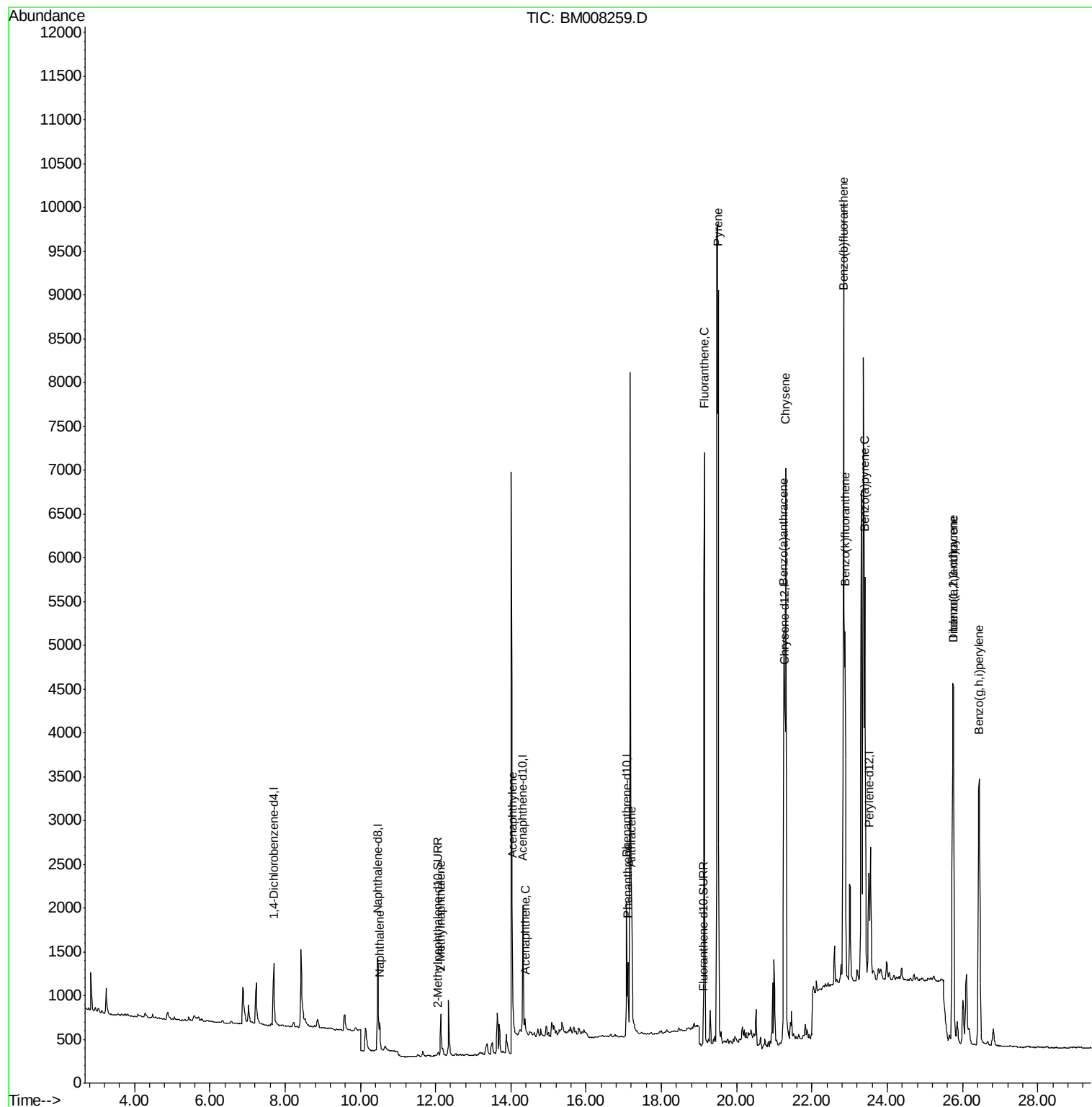
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
Data File : BM008259.D
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Operator : UM/SJ
Sample : H5863-09DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

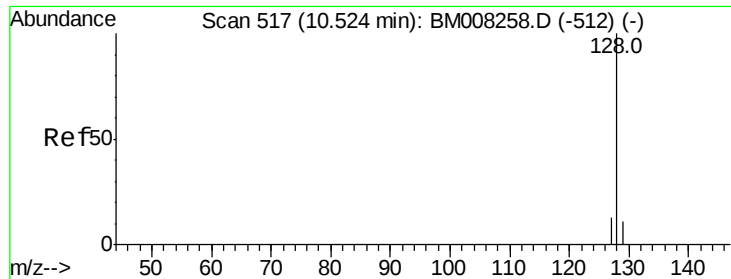
Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

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Quant Time: Dec 13 02:34:16 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:27:35 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Instrument :

BNA_M

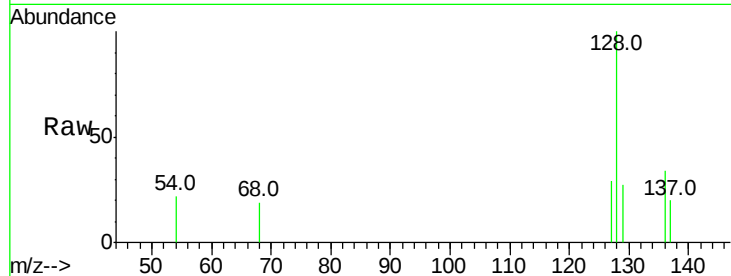
ClientSampleId :

DA7Y8DL

Tot Ion:	128	Resp:	500
Ion	Ratio	Lower	Upper
128	100		
129	27.1	11.3	16.9#
127	28.5	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

10.51

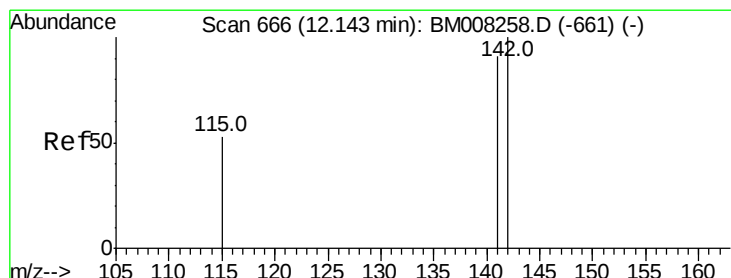
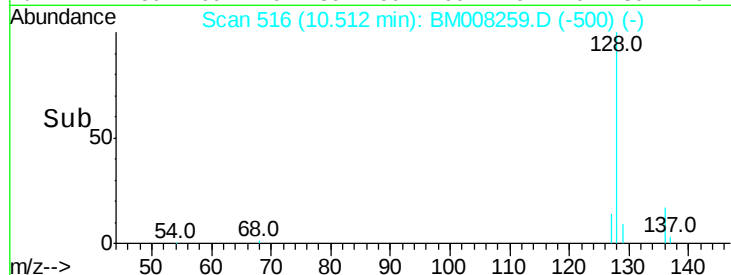
300

200

100

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

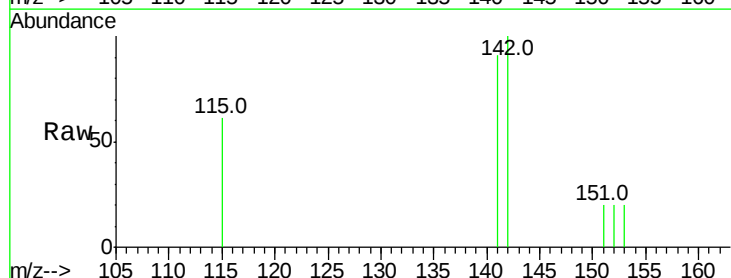
RT: 12.14 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Tgt Ion:	142	Resp:	455
Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.14

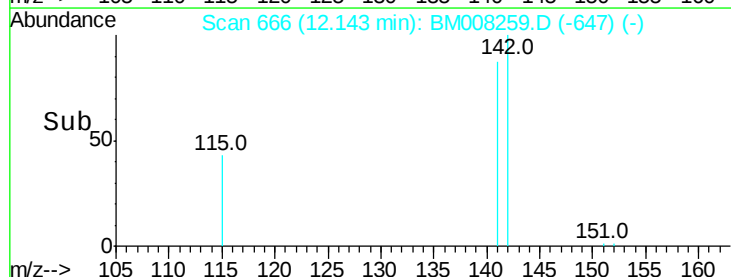
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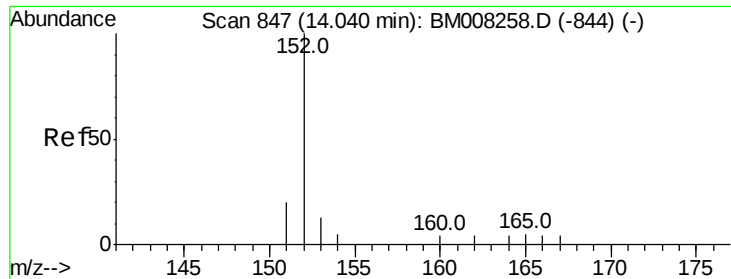
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.29 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Instrument :

BNA_M

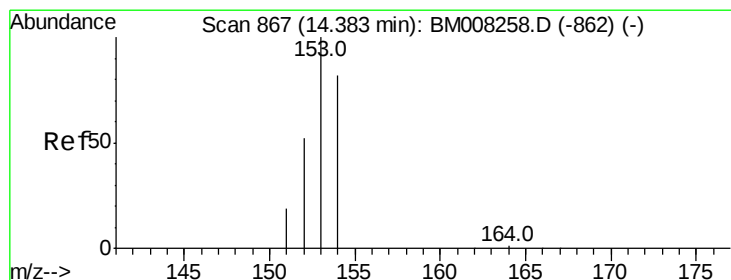
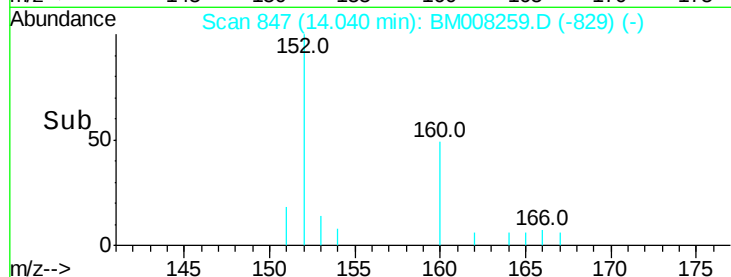
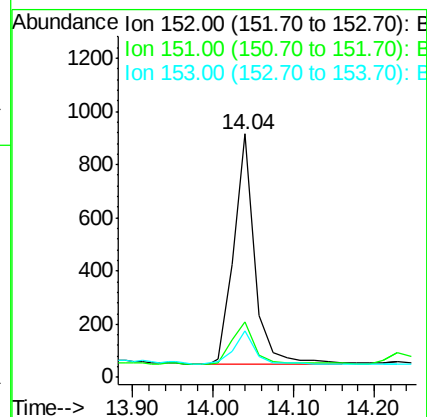
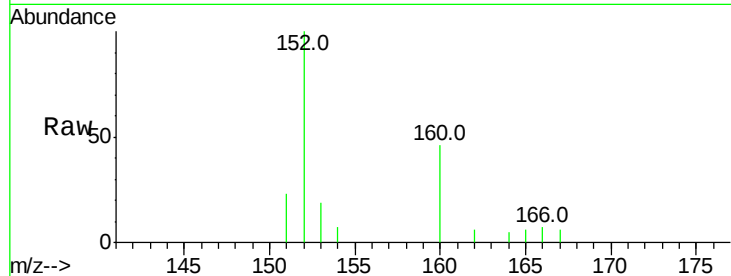
ClientSampleId :

DA7Y8DL

Tot Ion:	152	Resp:	1430
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	19.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.03 ng/ul

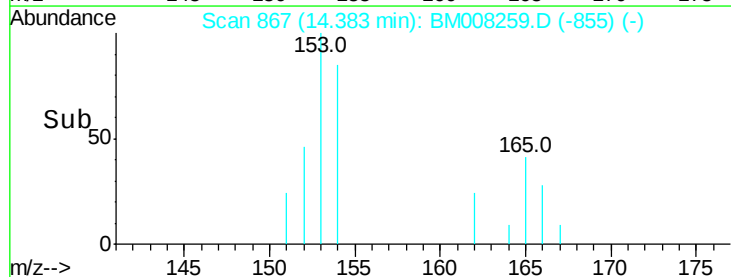
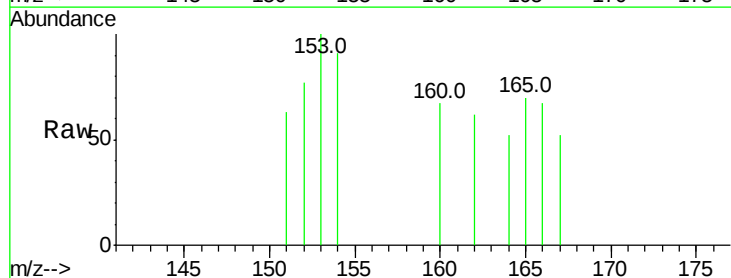
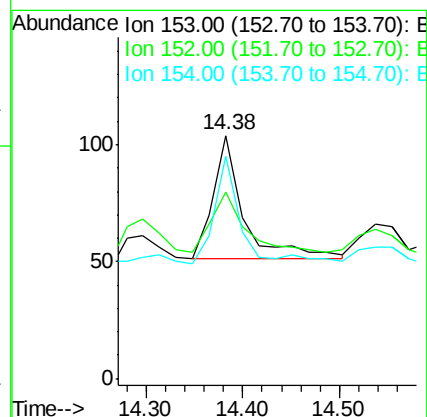
RT: 14.38 min Scan# 867

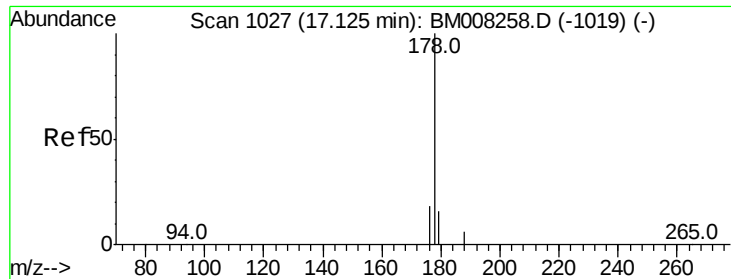
Delta R.T. 0.00 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Tgt Ion:	153	Resp:	118
Ion Ratio	Lower	Upper	
153	100		
152	76.9	40.3	60.5#
154	91.3	71.4	107.2





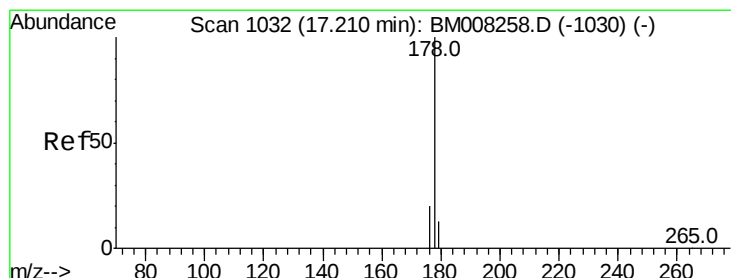
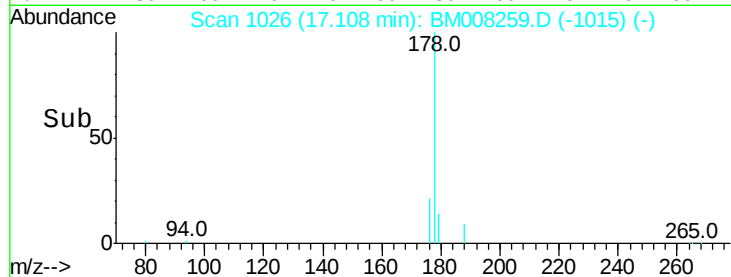
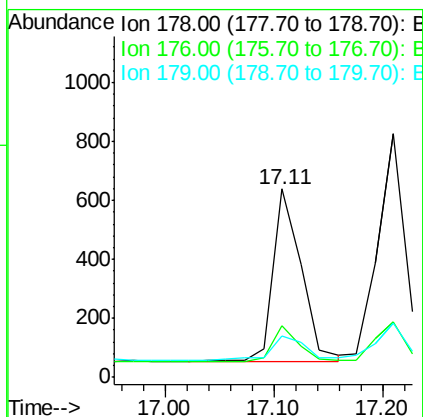
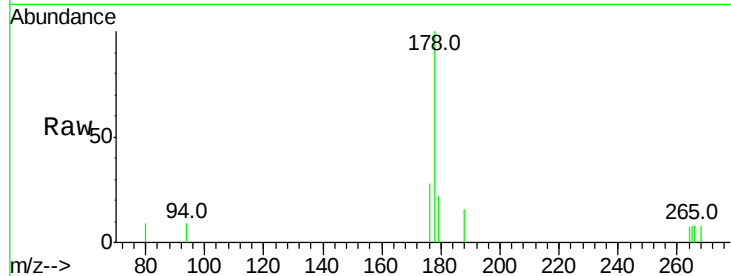
#12
Phenanthrene
Concen: 0.16 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	27.6	18.4	27.6
179	21.9	13.6	20.4

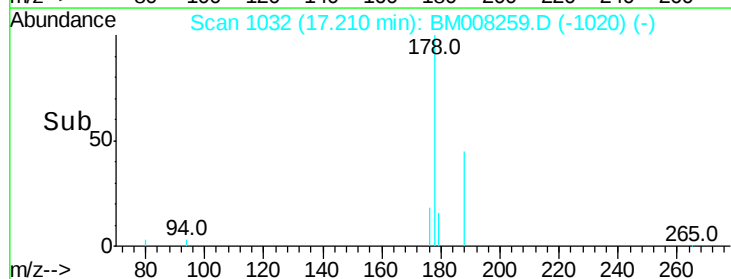
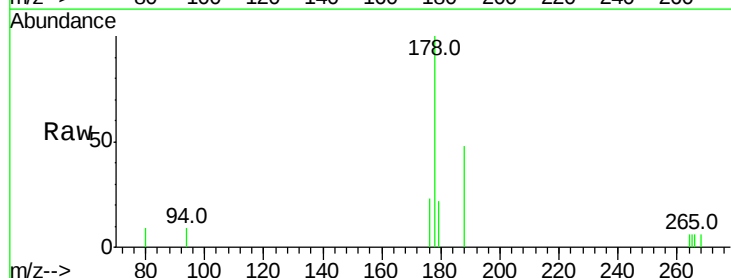
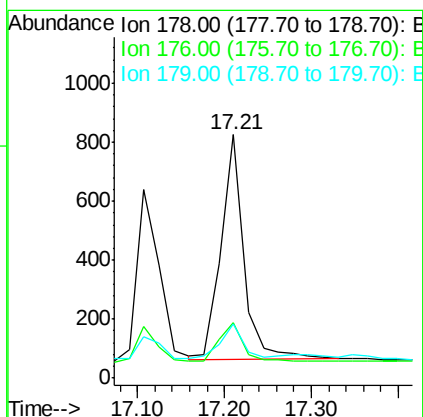
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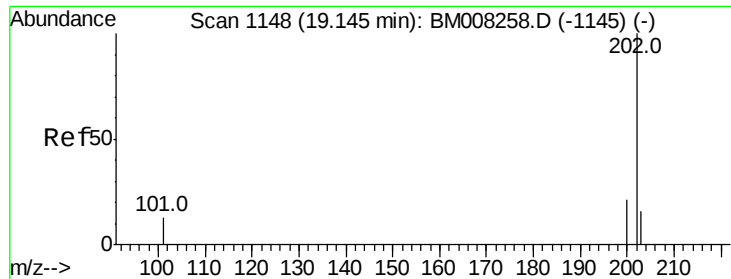
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#13
Anthracene
Concen: 0.23 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.1	27.1
179	22.2	14.7	22.1





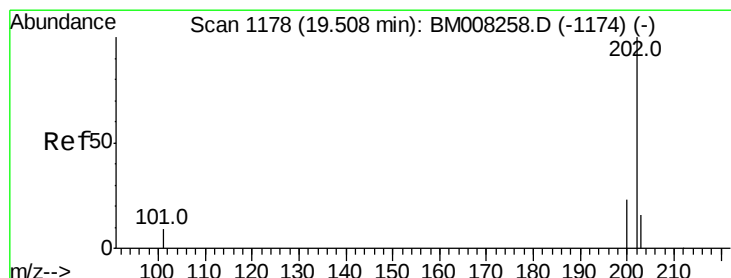
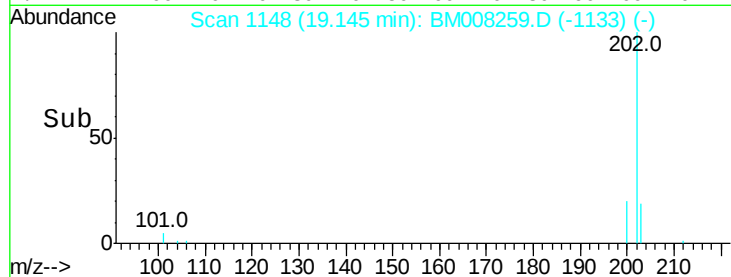
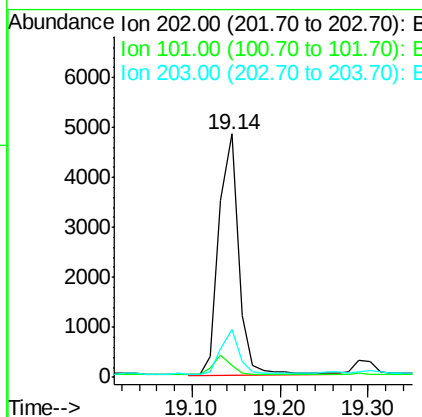
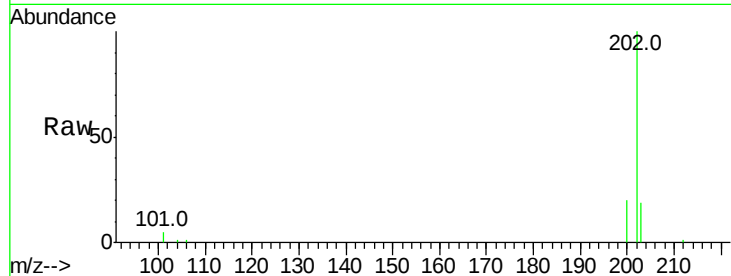
#15
Fluoranthene
Concen: 0.92 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion:	202	Resp:	7609
Ion Ratio	Lower	Upper	
202	100		
101	4.9	0.0	30.3
203	19.5	0.0	39.5

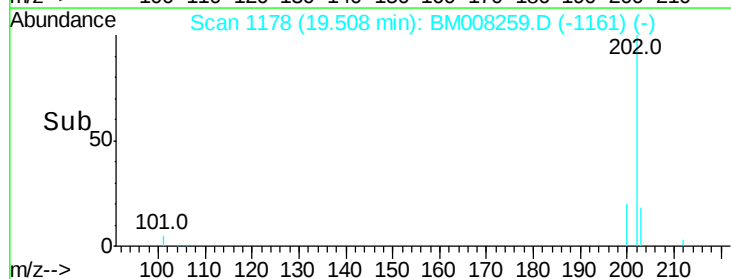
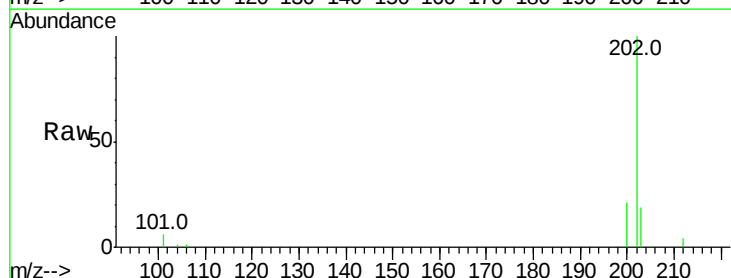
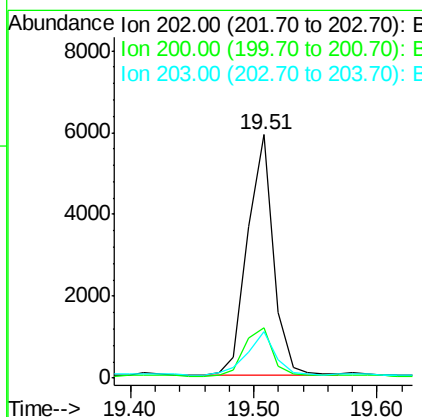
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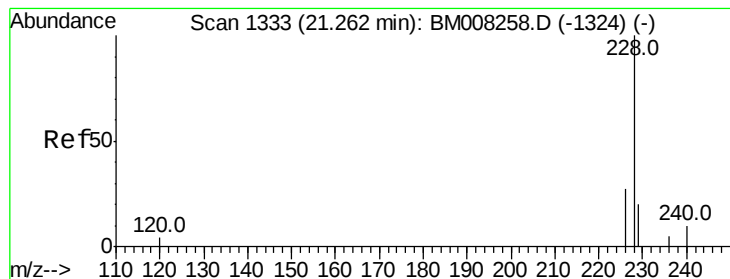
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#17
Pyrene
Concen: 1.36 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Tgt Ion:	202	Resp:	8630
Ion Ratio	Lower	Upper	
202	100		
200	20.6	18.2	27.4
203	19.2	15.6	23.4





#18

Benzo(a)anthracene

Concen: 0.86 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Instrument :

BNA_M

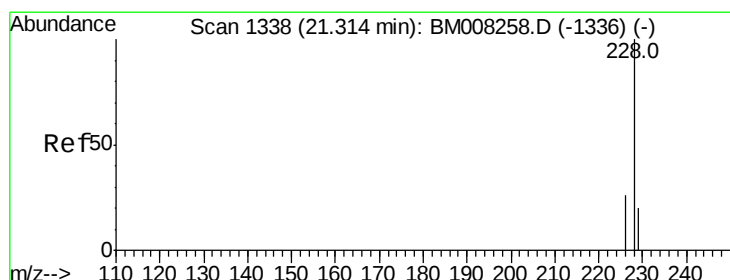
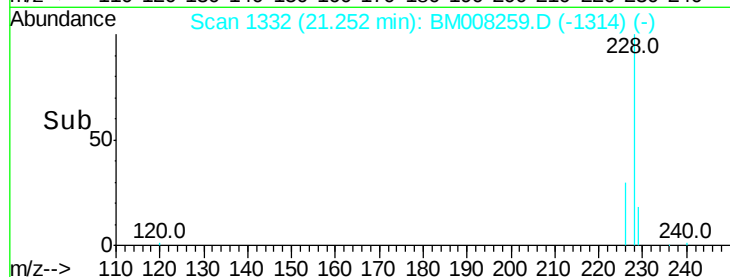
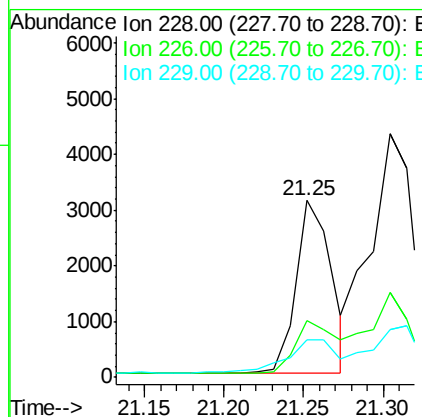
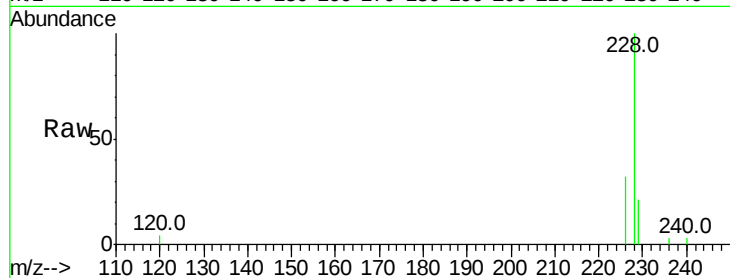
ClientSampled :

DA7Y8DL

Tot Ion:228	Resp:	4813
Ion Ratio	Lower	Upper
228	100	
226	32.5	22.8 34.2
229	21.5	17.0 25.6

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#19

Chrysene

Concen: 1.16 ng/ul

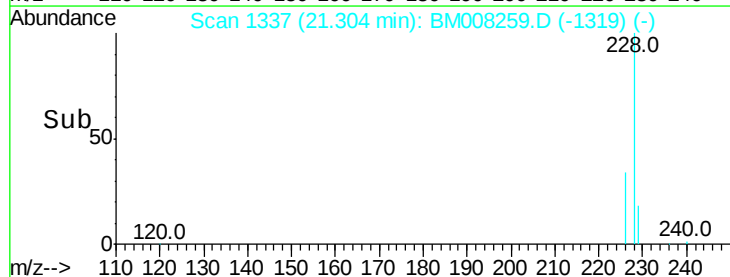
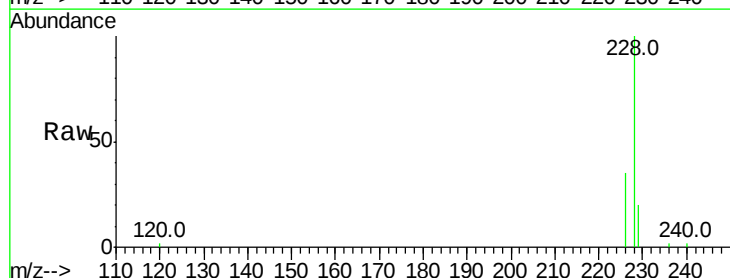
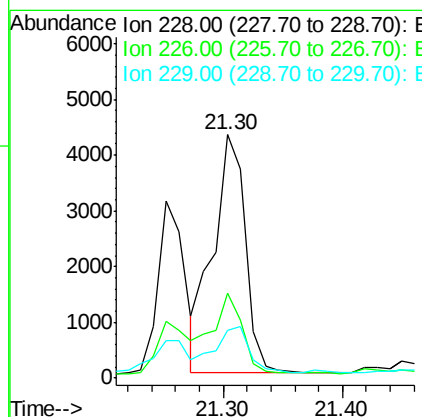
RT: 21.30 min Scan# 1337

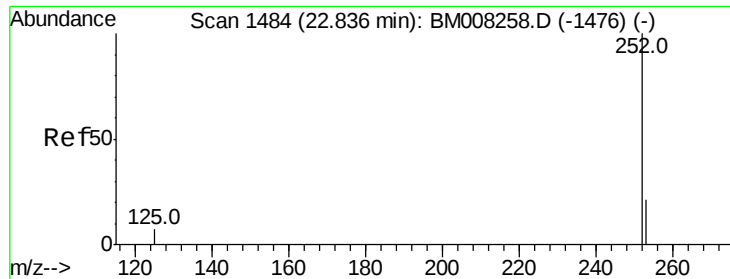
Delta R.T. -0.01 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Tgt Ion:228	Resp:	8108
Ion Ratio	Lower	Upper
228	100	
226	34.7	23.4 35.0
229	19.7	17.7 26.5





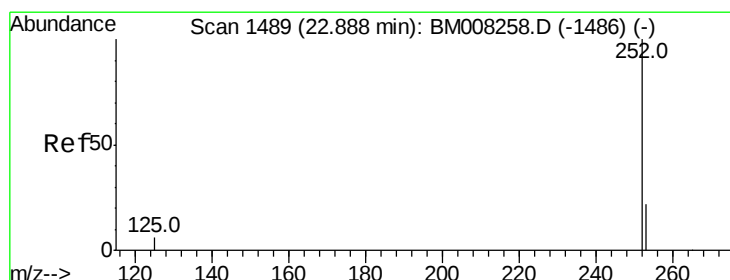
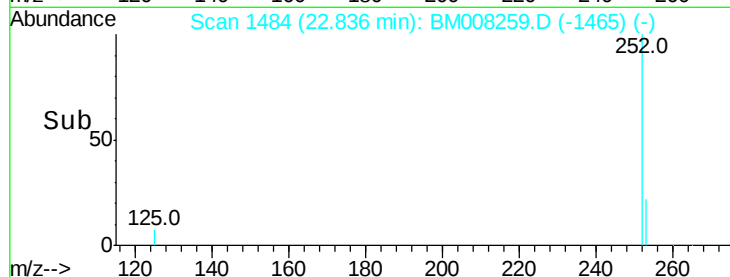
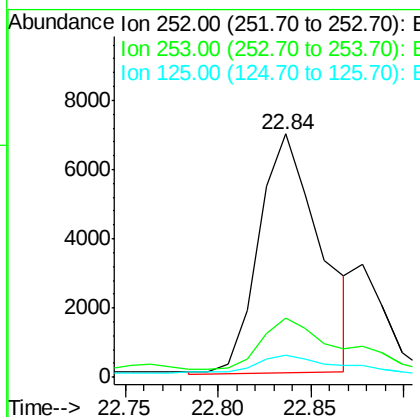
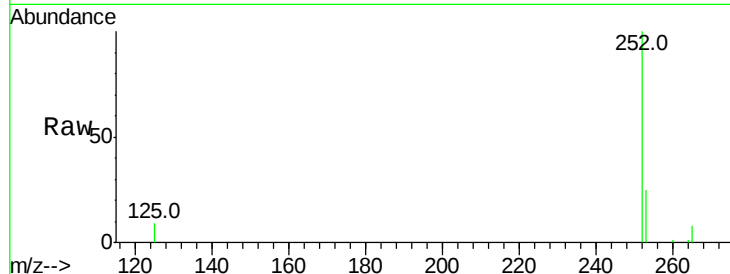
#21
Benzo(b)fluoranthene
Concen: 2.45 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	0.0	64.2
125	8.9	0.0	35.0

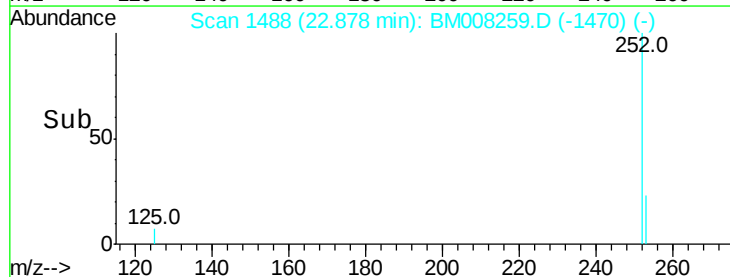
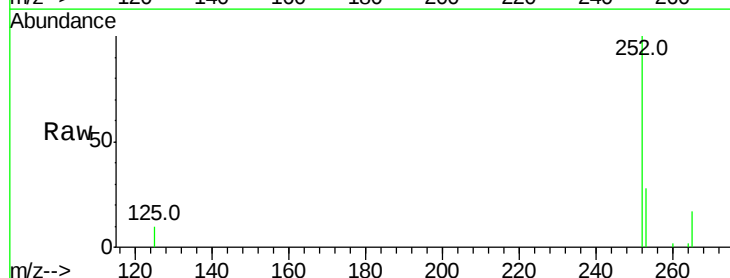
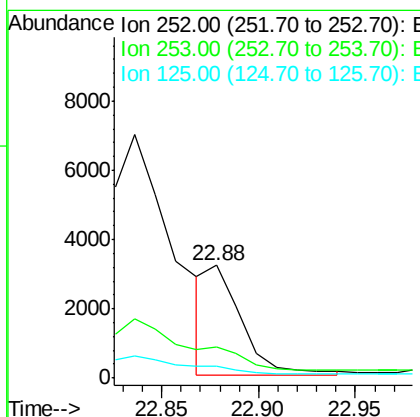
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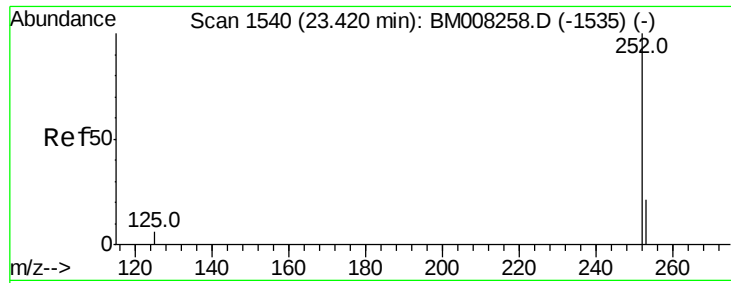
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#22
Benzo(k)fluoranthene
Concen: 0.59 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.9	24.5	36.7
125	10.4	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.12 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Instrument :

BNA_M

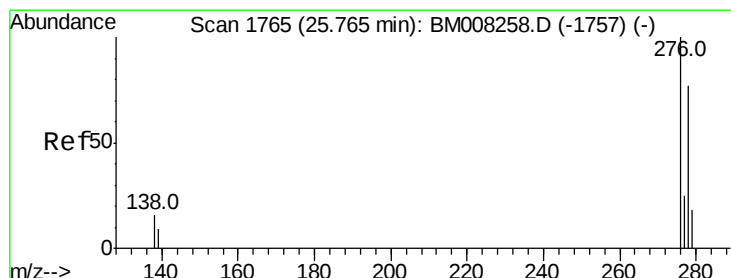
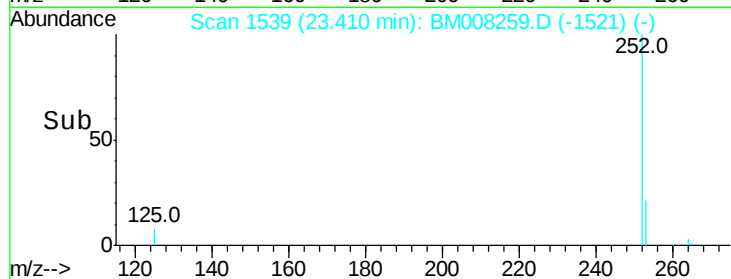
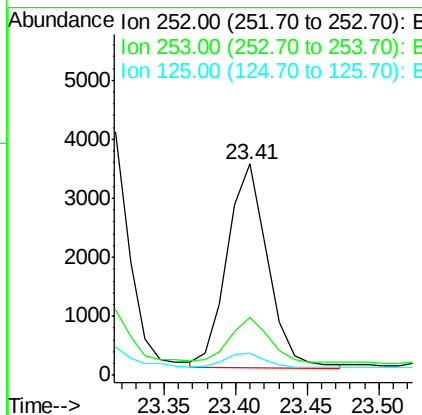
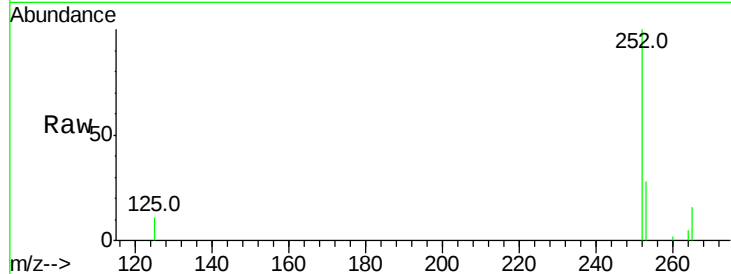
ClientSampleId :

DA7Y8DL

Tot Ion:	252	Resp:	6837
Ion Ratio	Lower	Upper	
252	100		
253	27.7	28.5	42.7#
125	10.8	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng/ul

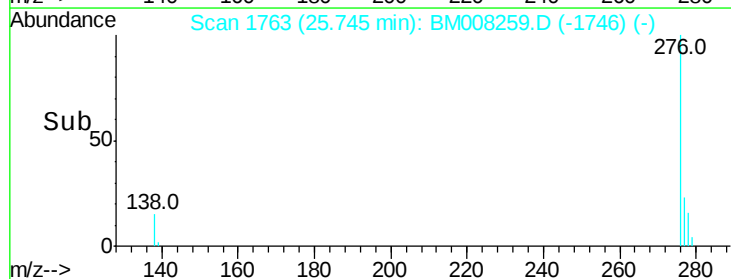
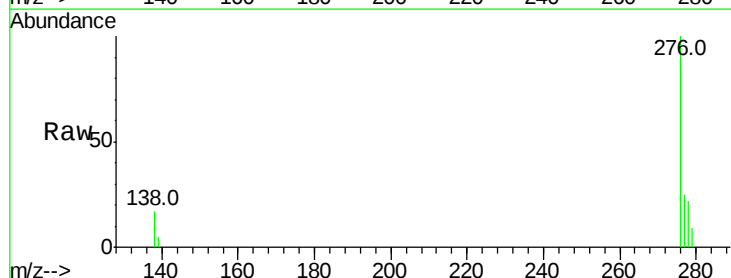
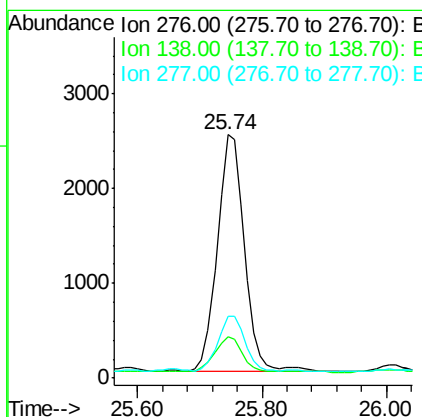
RT: 25.74 min Scan# 1763

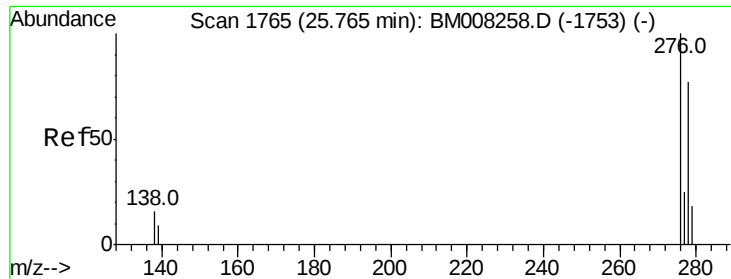
Delta R.T. -0.02 min

Lab File: BM008259.D

Acq: 12 Dec 2016 12:30

Tgt Ion:	276	Resp:	7574
Ion Ratio	Lower	Upper	
276	100		
138	14.3	19.1	28.7#
277	22.9	19.6	29.4





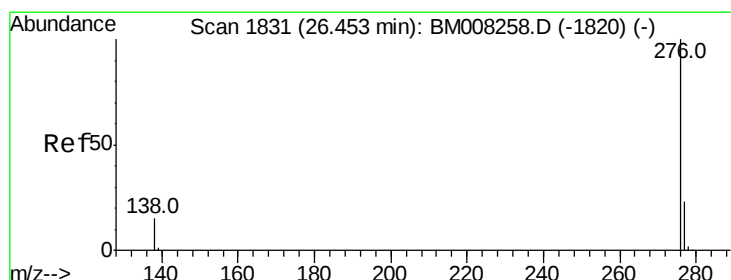
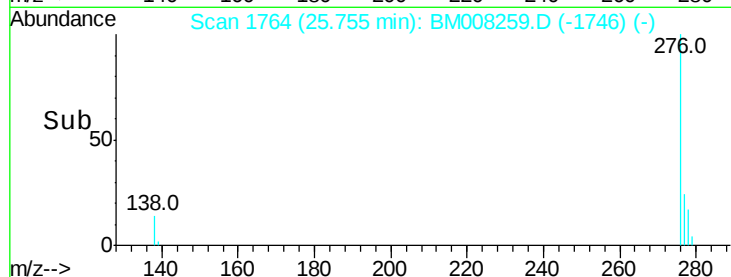
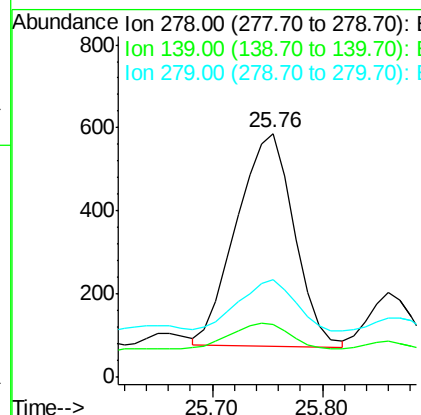
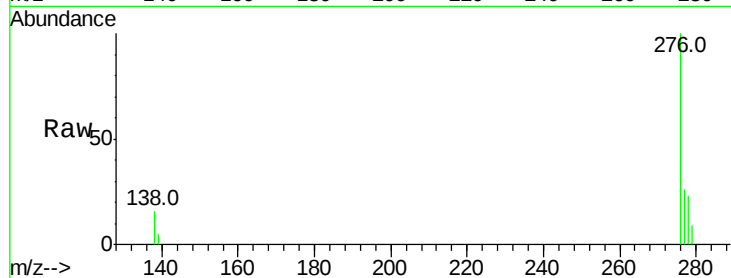
#25
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Instrument :
BNA_M
ClientSampleId :
DA7Y8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.4	26.0
279	40.1	25.9	38.9

Manual Integrations
APPROVED

umangi
12/13/2016 6:12:53 PM



#26
Benzo(g,h,i)perylene
Concen: 1.02 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM008259.D
Acq: 12 Dec 2016 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.8	32.8
138	16.3	20.5	30.7

