

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008222.D
 Acq On : 10 Dec 2016 01:17
 Operator : UM/SJ
 Sample : H5863-05DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4DL

Manual Integrations
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Quant Time: Dec 10 05:34:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 04:37:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	792	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2518	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2466	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2195	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2119	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	400	0.11	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	1013	0.15	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	3053	0.43	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	3918	0.86	ng/ul	99
7) Acenaphthylene	14.04	152	687	0.10	ng/ul#	69
8) Acenaphthene	14.38	153	200	0.04	ng/ul#	82
9) Fluorene	15.38	166	143	0.02	ng/ul#	43
12) Phenanthrene	17.11	178	6758	0.88	ng/ul	98
13) Anthracene	17.21	178	923m	0.13	ng/ul	
15) Fluoranthene	19.14	202	3829	0.39	ng/ul	95
17) Pyrene	19.51	202	3643	0.48	ng/ul	95
18) Benzo(a)anthracene	21.25	228	2963	0.44	ng/ul#	85
19) Chrysene	21.30	228	3437	0.41	ng/ul#	88
21) Benzo(b)fluoranthene	22.84	252	5935m	0.70	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1269m	0.15	ng/ul	
23) Benzo(a)pyrene	23.40	252	2524	0.32	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	2282	0.23	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.74	278	725	0.09	ng/ul#	31
26) Benzo(a,h,i)perylene	26.43	276	2008	0.23	ng/ul#	92

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

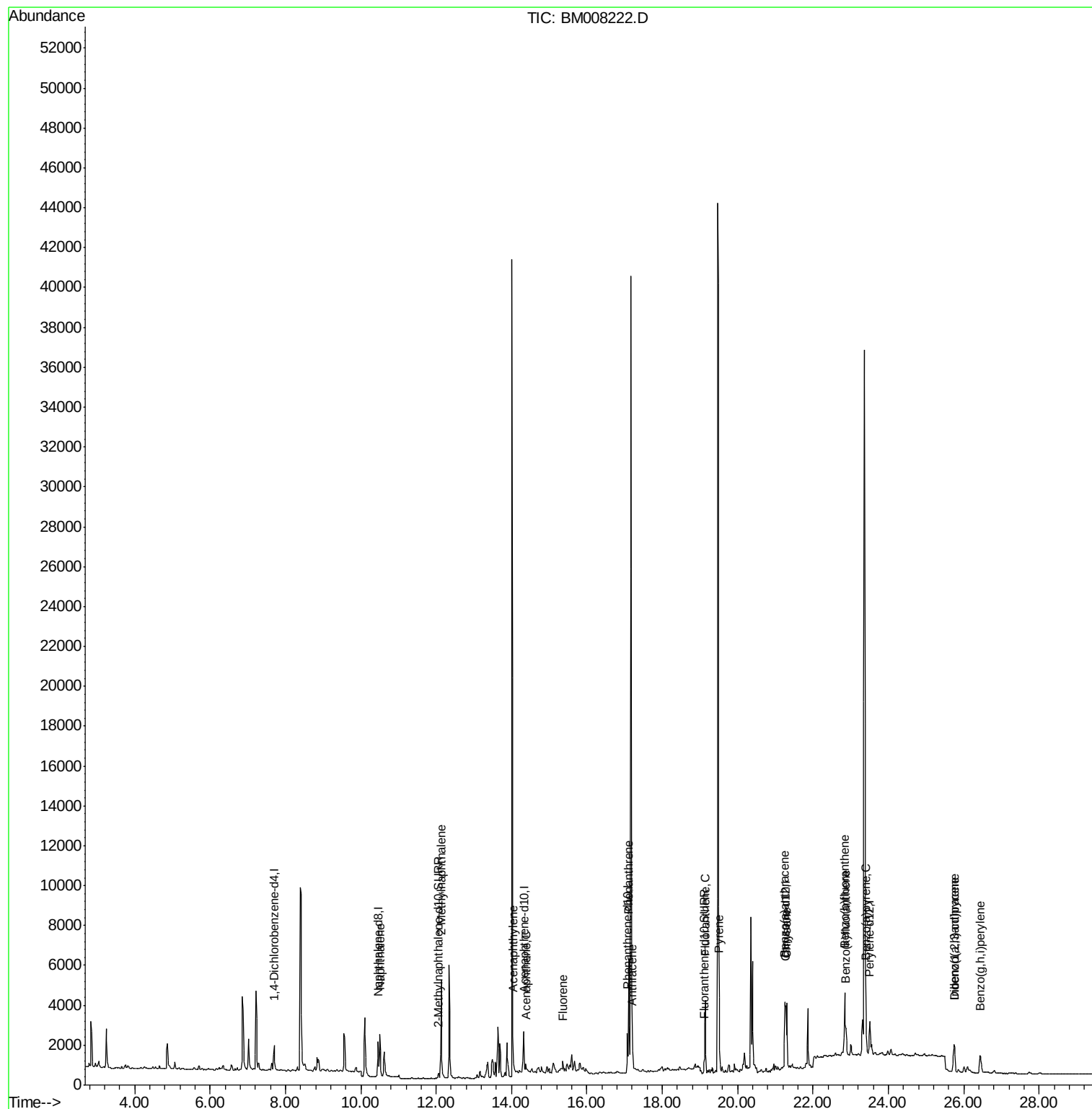
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
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ALS Vial : 18 Sample Multiplier: 1

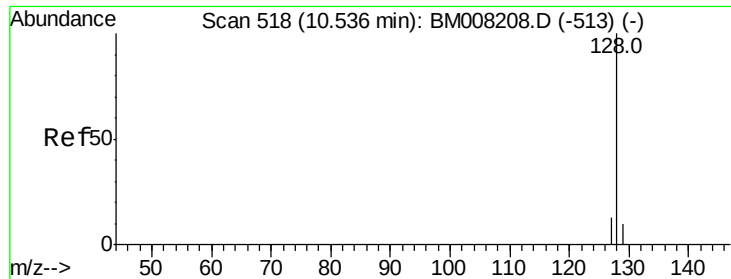
Instrument :
BNA_M
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QLast Update : Sat Dec 10 04:37:00 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.43 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Instrument :

BNA_M

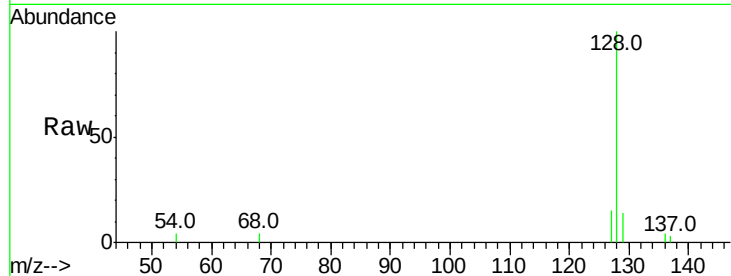
ClientSampleId :

DA7Y4DL

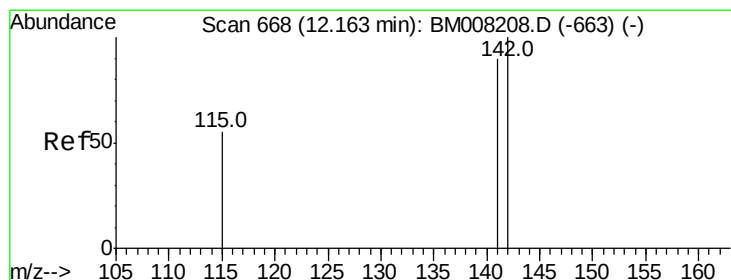
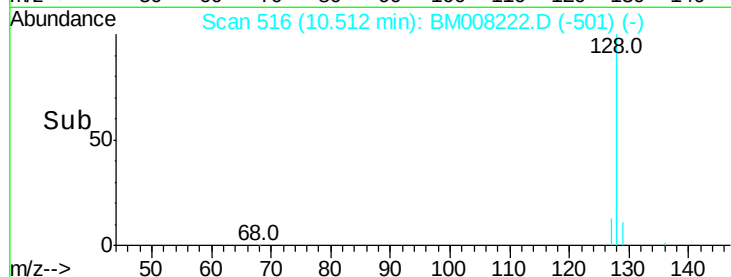
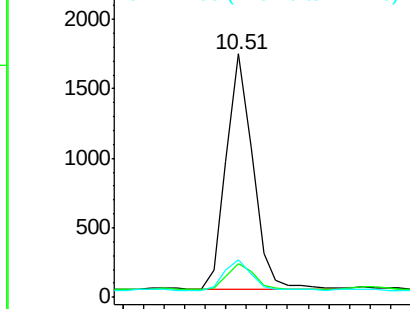
Tot Ion:	128	Resp:	3053
Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.3	16.9
127	15.5	12.8	19.2

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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



#5

2-Methylnaphthalene

Concen: 0.86 ng/ul

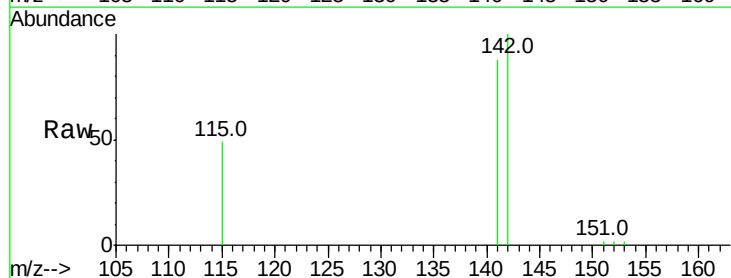
RT: 12.13 min Scan# 665

Delta R.T. -0.03 min

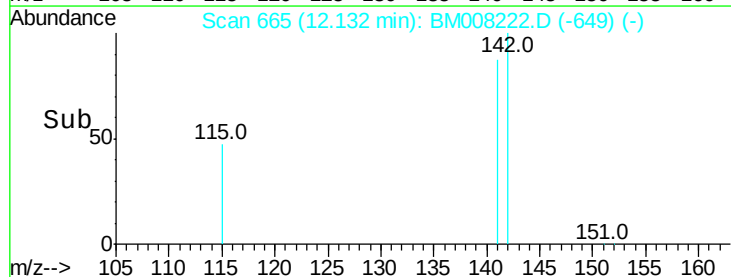
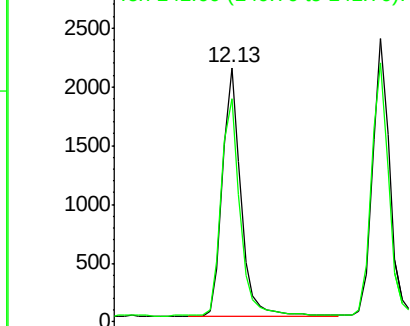
Lab File: BM008222.D

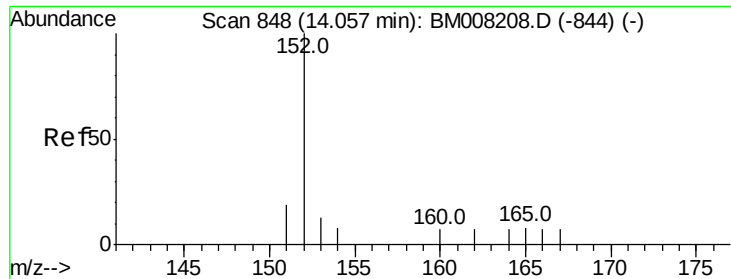
Acq: 10 Dec 2016 01:17

Tgt Ion:	142	Resp:	3918
Ion	Ratio	Lower	Upper
142	100		
141	90.2	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: 0.10 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Instrument :

BNA_M

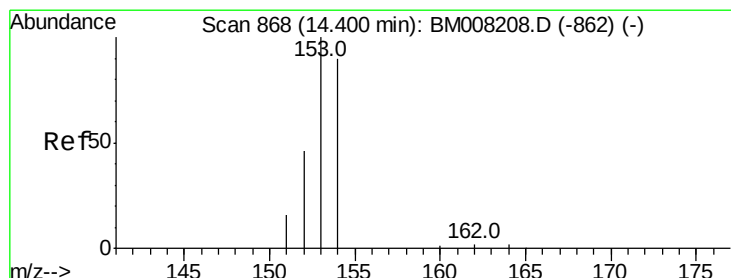
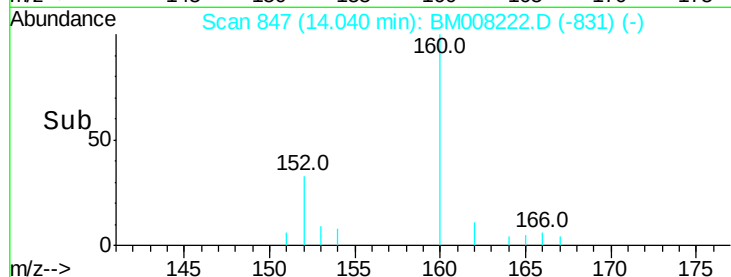
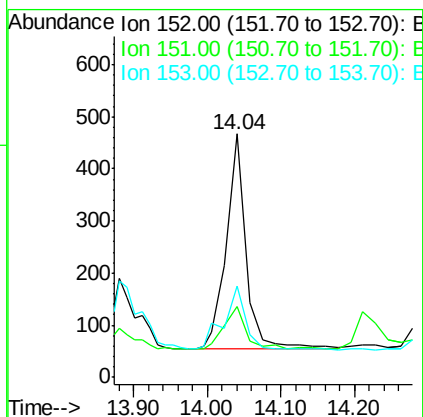
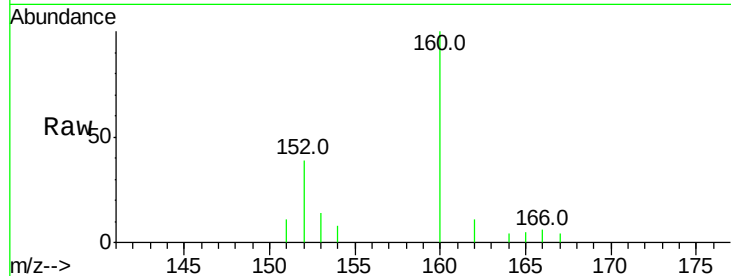
ClientSampleId :

DA7Y4DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	29.3	17.1	25.7#
153	37.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.04 ng/ul

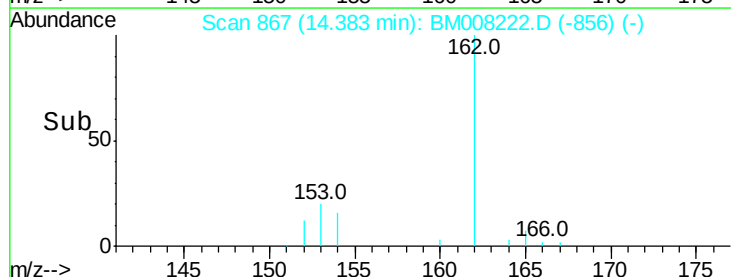
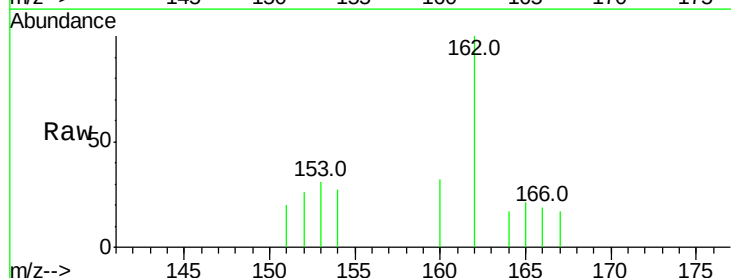
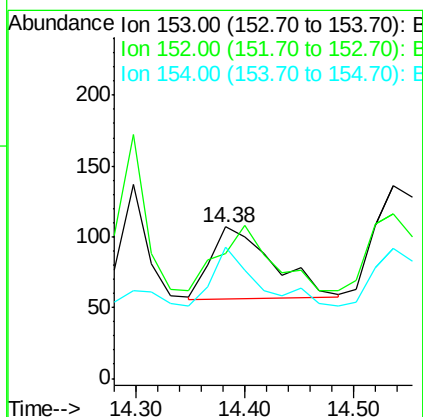
RT: 14.38 min Scan# 867

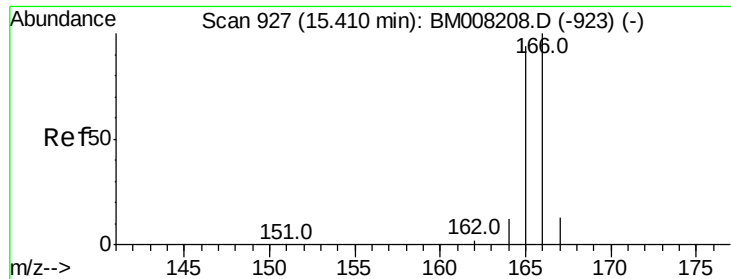
Delta R.T. -0.02 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	82.2	40.3	60.5#
154	86.9	71.4	107.2





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Instrument :

BNA_M

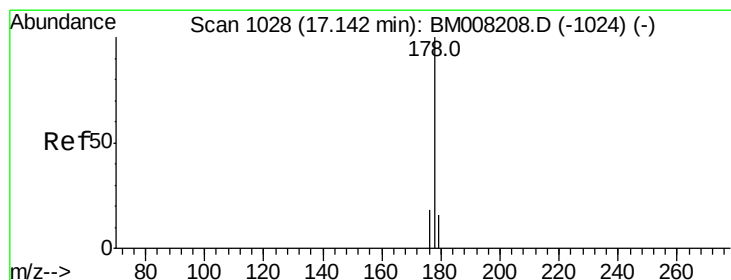
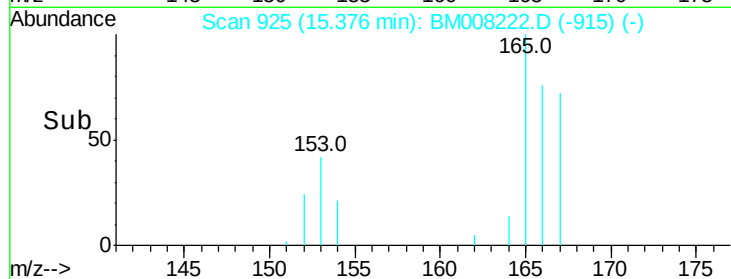
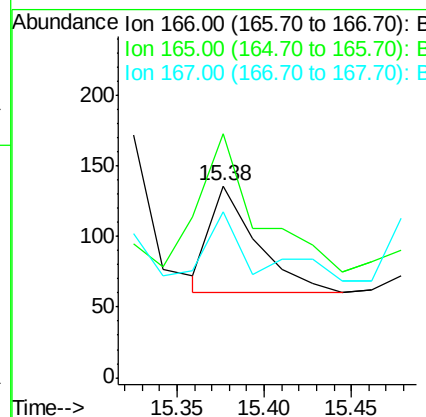
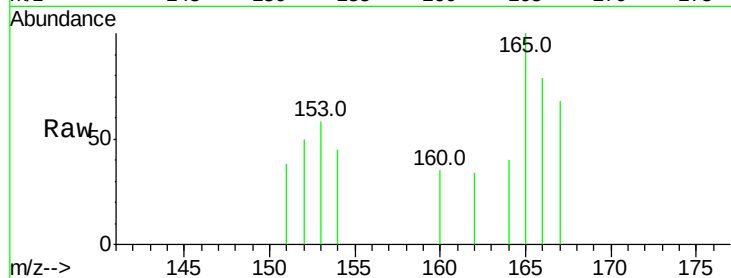
ClientSampleId :

DA7Y4DL

Tot Ion:	166	Resp:	143
Ion Ratio	Lower	Upper	
166	100		
165	127.2	73.4	110.2#
167	86.8	14.6	22.0#

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#12

Phenanthrene

Concen: 0.88 ng/ul

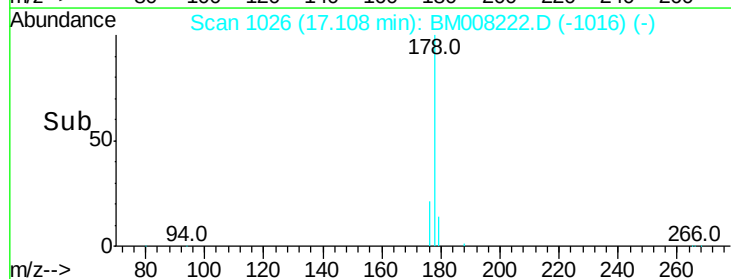
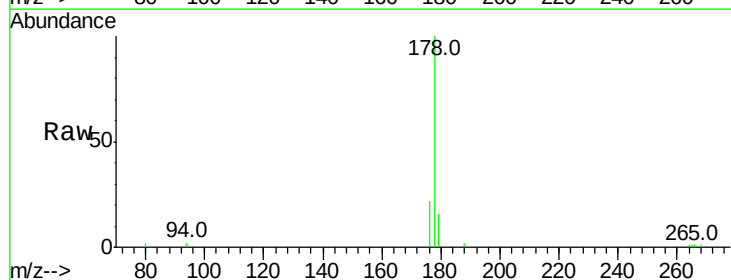
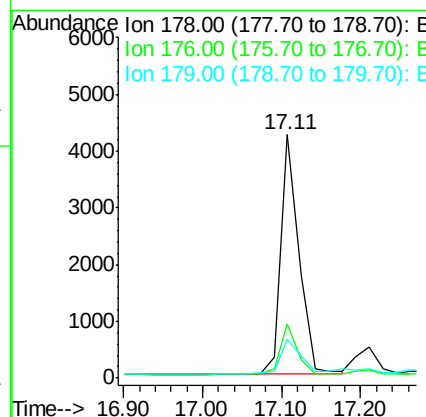
RT: 17.11 min Scan# 1026

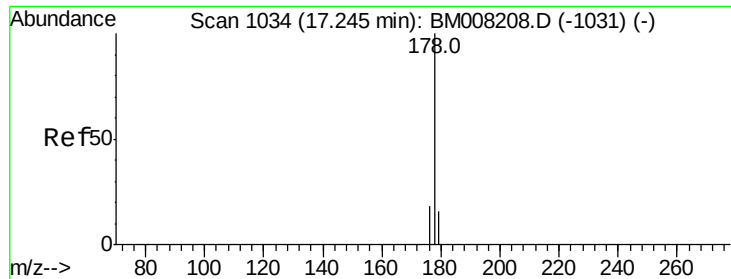
Delta R.T. -0.03 min

Lab File: BM008222.D

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Tgt Ion:	178	Resp:	6758
Ion Ratio	Lower	Upper	
178	100		
176	22.2	18.4	27.6
179	15.7	13.6	20.4





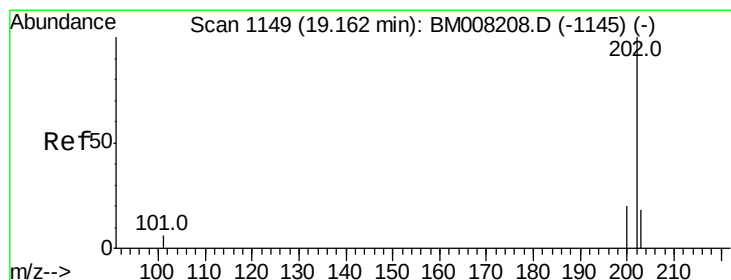
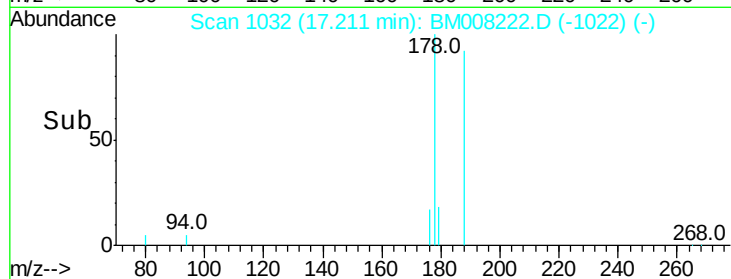
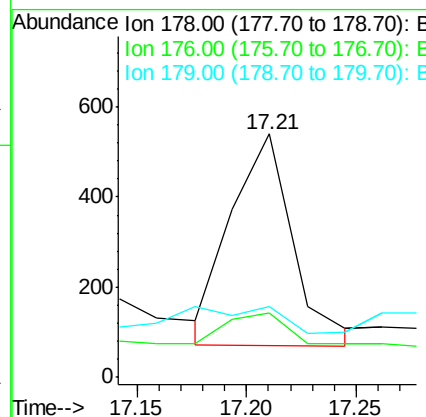
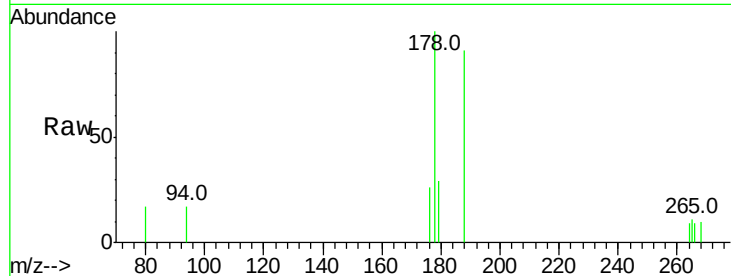
#13
 Anthracene
 Concen: 0.13 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BM008222.D
 Acq: 10 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4DL

Tot Ion:178 Resp: 923
 Ion Ratio Lower Upper
 178 100
 176 26.3 18.1 27.1
 179 28.9 14.7 22.1#

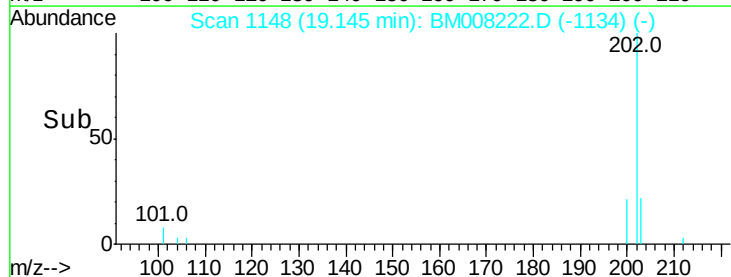
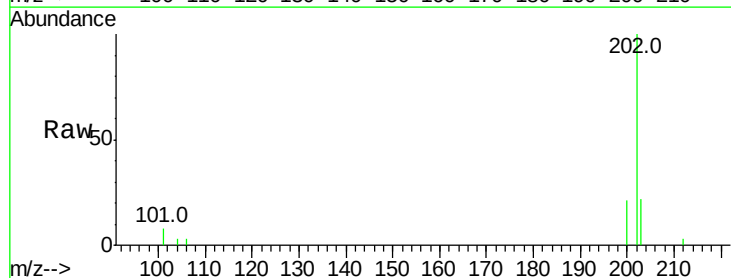
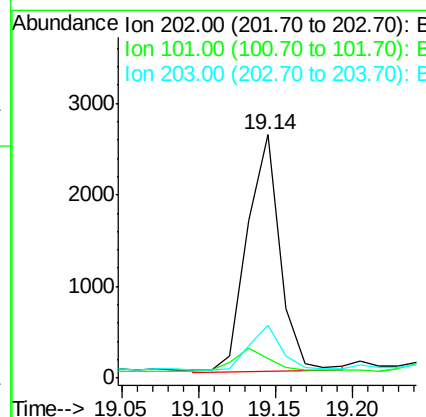
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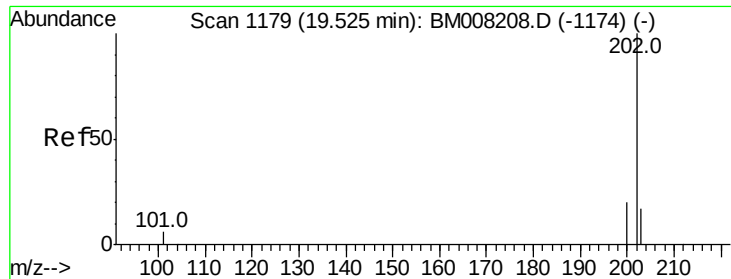
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#15
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM008222.D
 Acq: 10 Dec 2016 01:17

Tgt Ion:202 Resp: 3829
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 30.3
 203 21.8 0.0 39.5





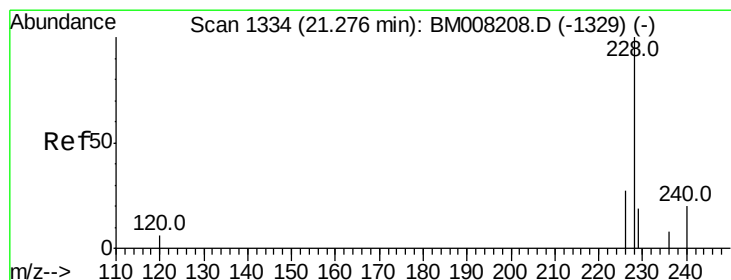
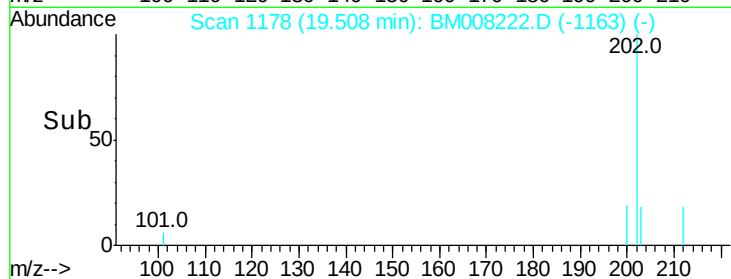
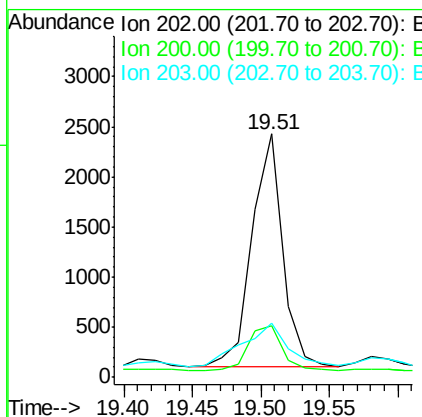
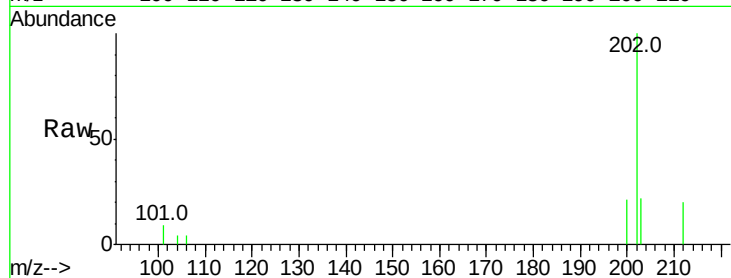
#17
Pvrene
Concen: 0.48 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008222.D
Acq: 10 Dec 2016 01:17

Instrument :
BNA_M
ClientSampleId :
DA7Y4DL

Tot Ion:	202	Resp:	3643
Ion Ratio	Lower	Upper	
202	100		
200	21.3	18.2	27.4
203	22.3	15.6	23.4

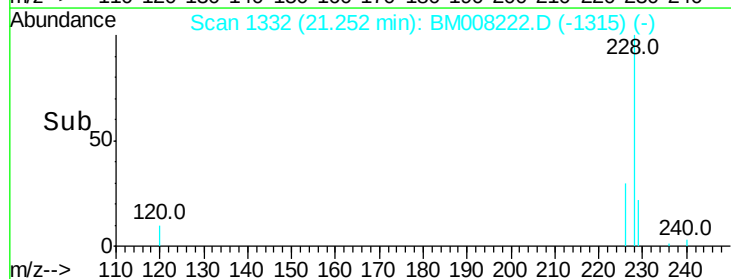
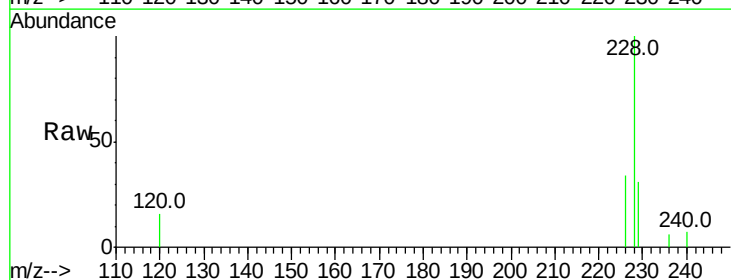
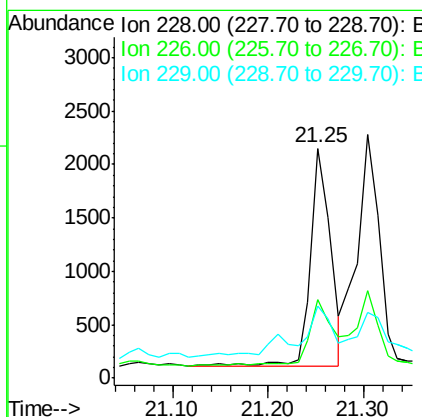
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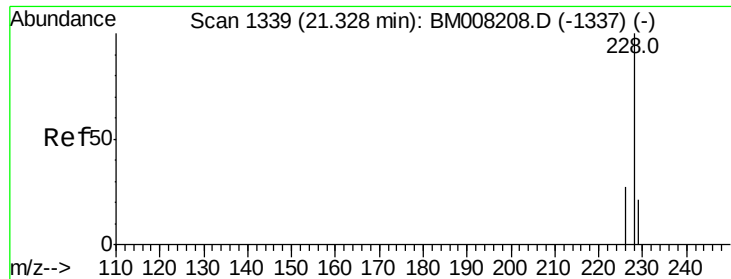
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#18
Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008222.D
Acq: 10 Dec 2016 01:17

Tgt Ion:	228	Resp:	2963
Ion Ratio	Lower	Upper	
228	100		
226	34.1	22.8	34.2
229	31.5	17.0	25.6#





#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Instrument :

BNA_M

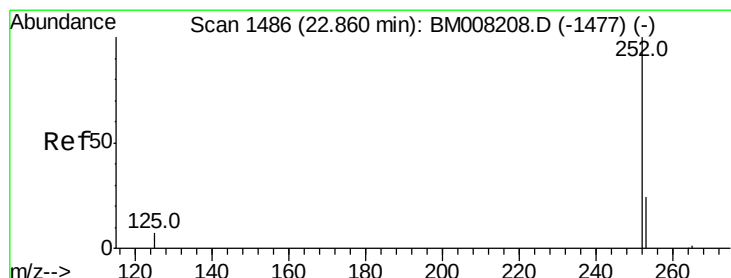
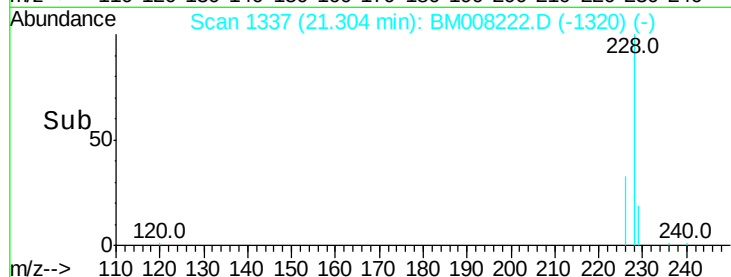
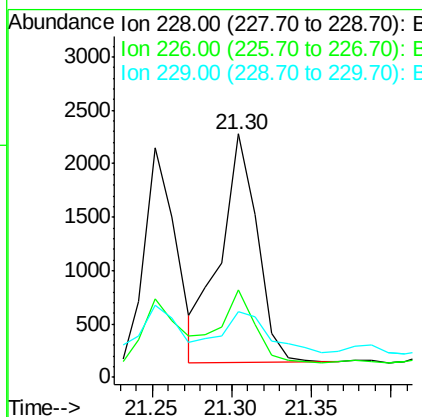
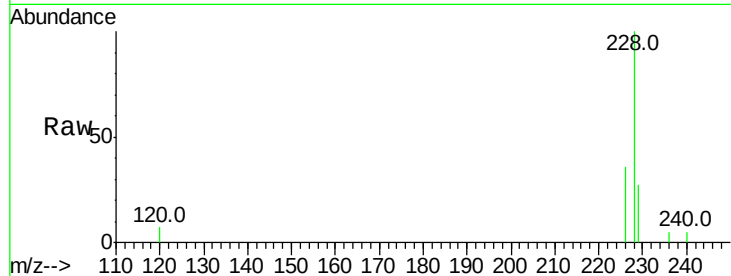
ClientSampleId :

DA7Y4DL

Tot Ion:	228	Resp:	3437
Ion Ratio	Lower	Upper	
228	100		
226	36.2	23.4	35.0#
229	27.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.70 ng/ul m

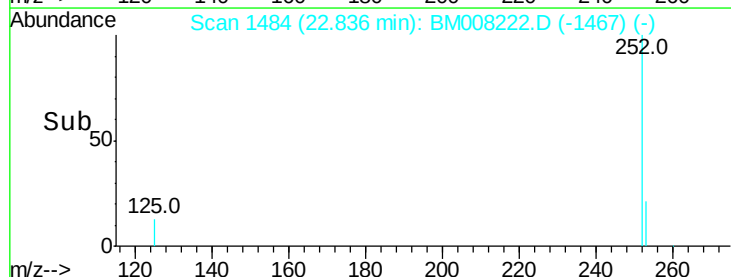
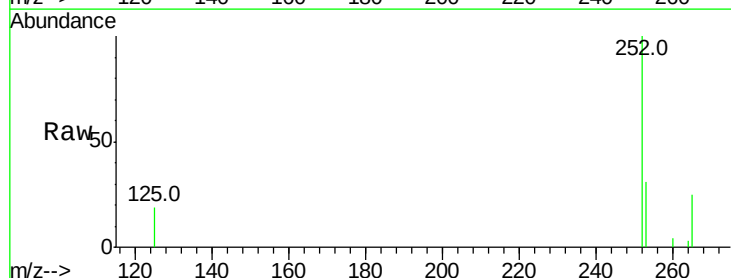
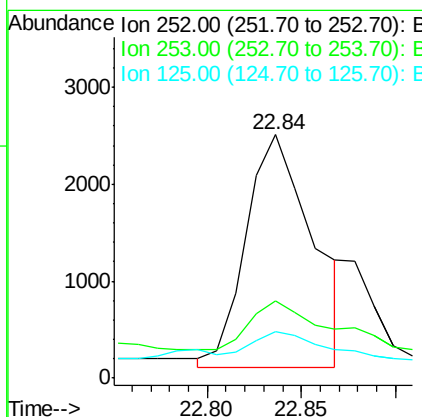
RT: 22.84 min Scan# 1484

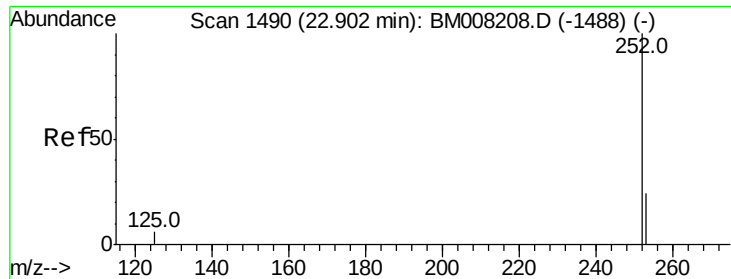
Delta R.T. -0.02 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Tgt Ion:	252	Resp:	5935
Ion Ratio	Lower	Upper	
252	100		
253	31.5	0.0	64.2
125	19.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.15 ng/ul m

RT: 22.87 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Instrument :

BNA_M

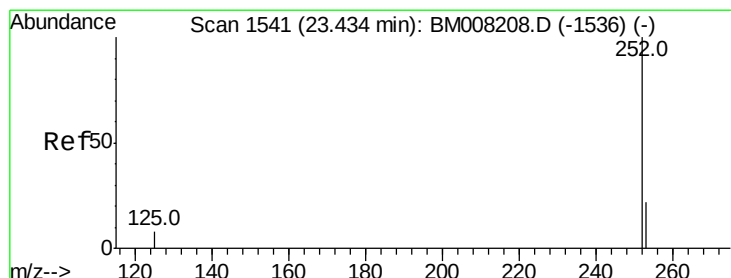
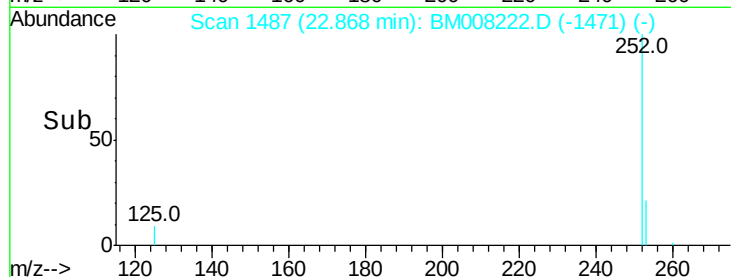
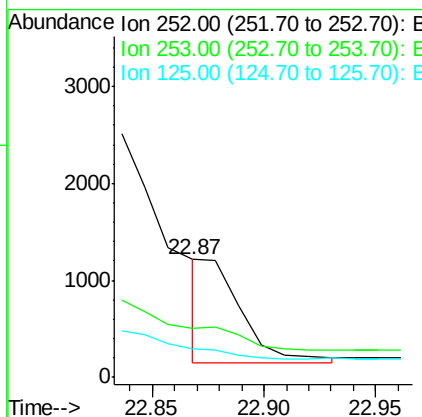
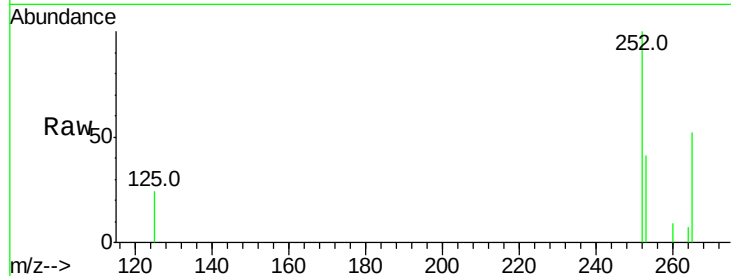
ClientSampleId :

DA7Y4DL

Tot Ion:	252	Resp:	1269
Ion Ratio	Lower	Upper	
252	100		
253	41.3	24.5	36.7#
125	24.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.32 ng/ul

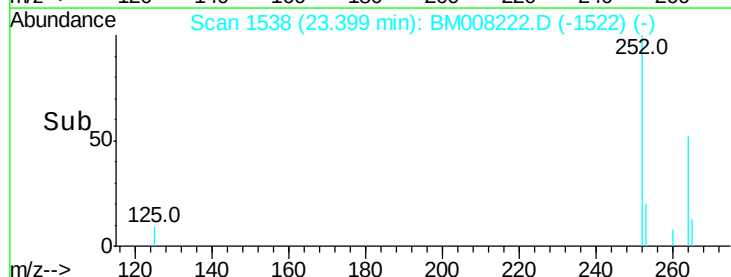
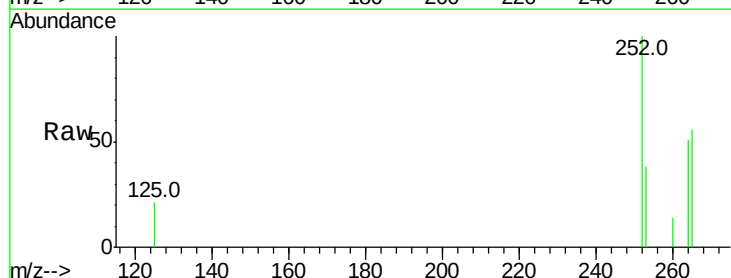
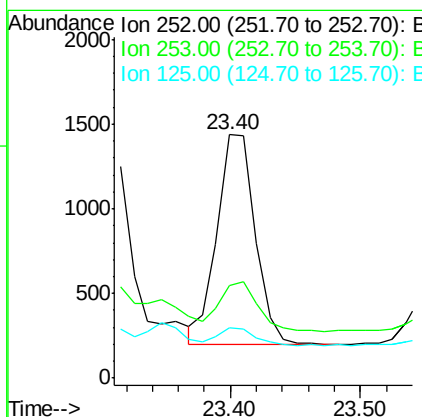
RT: 23.40 min Scan# 1538

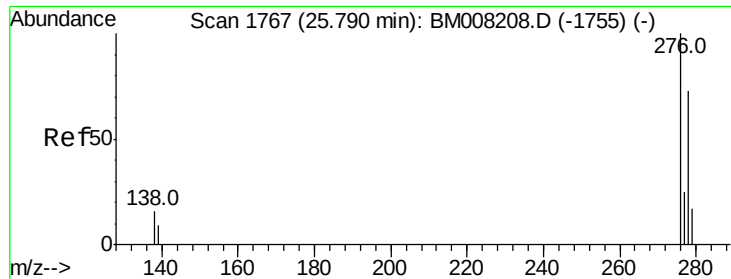
Delta R.T. -0.03 min

Lab File: BM008222.D

Acq: 10 Dec 2016 01:17

Tgt Ion:	252	Resp:	2524
Ion Ratio	Lower	Upper	
252	100		
253	38.1	28.5	42.7
125	20.9	18.1	27.1





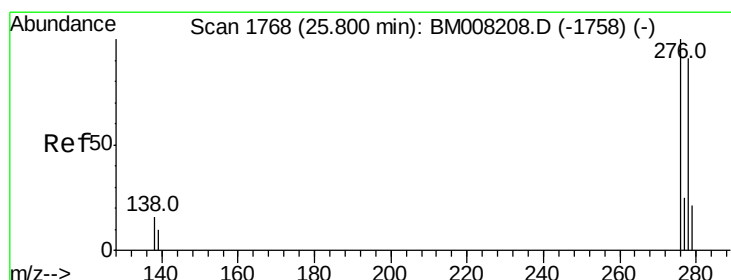
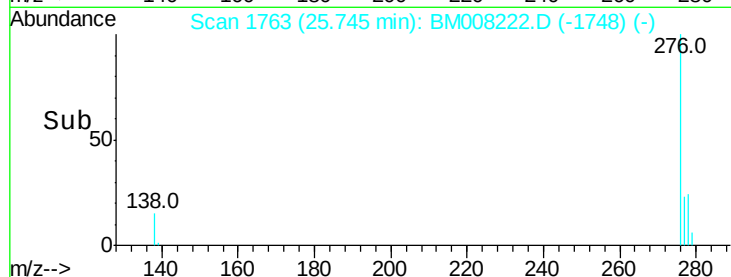
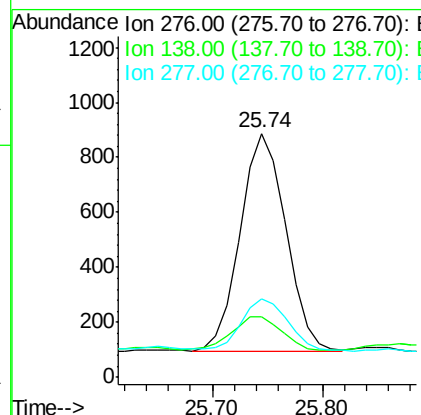
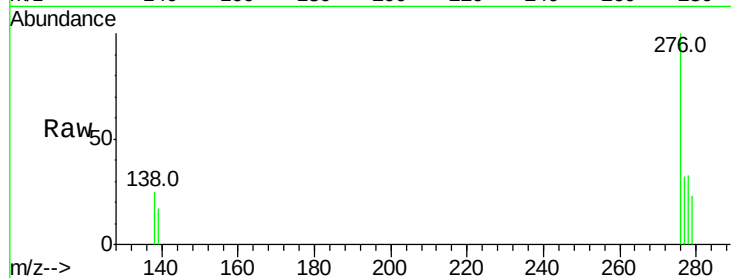
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.23 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.04 min
 Lab File: BM008222.D
 Acq: 10 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	19.1	28.7#
277	24.1	19.6	29.4

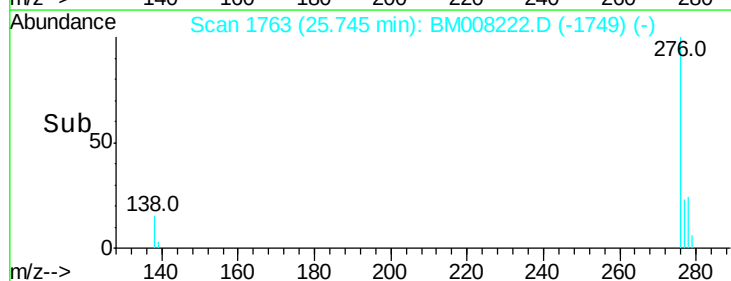
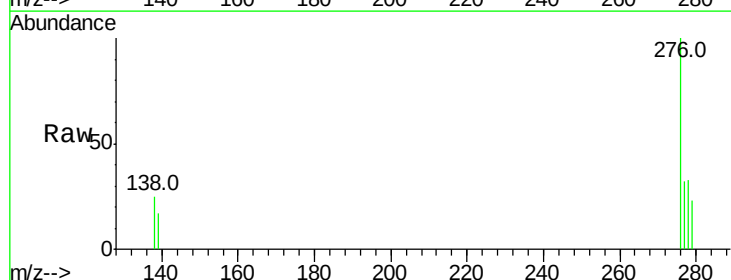
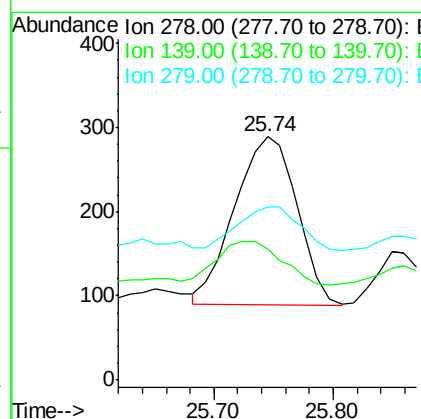
Manual Integrations
 APPROVED

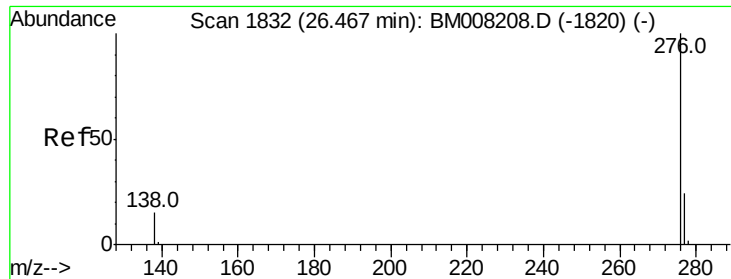
UMANGI
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.09 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.06 min
 Lab File: BM008222.D
 Acq: 10 Dec 2016 01:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	53.6	17.4	26.0#
279	71.3	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.23 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. -0.03 min
 Lab File: BM008222.D
 Acq: 10 Dec 2016 01:17

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	33.9	21.8	32.8#
138	27.2	20.5	30.7

Manual Integrations
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