

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008210.D
 Acq On : 09 Dec 2016 18:04
 Operator : UM/SJ
 Sample : H5863-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y5

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:23 PM

Quant Time: Dec 10 03:43:25 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 00:42:03 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	716	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2296	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1458	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2491	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2680	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2408	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	745	0.23	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	3367	0.48	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	4983	0.78	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	7338	1.77	ng/ul	98
7) Acenaphthylene	14.04	152	5573	0.84	ng/ul#	95
8) Acenaphthene	14.38	153	1385	0.28	ng/ul	96
9) Fluorene	15.38	166	3979	0.69	ng/ul#	81
12) Phenanthrene	17.11	178	23438	3.02	ng/ul	97
13) Anthracene	17.21	178	10502	1.44	ng/ul	95
15) Fluoranthene	19.14	202	51124	5.10	ng/ul	95
17) Pyrene	19.51	202	46920	5.04	ng/ul	96
18) Benzo(a)anthracene	21.25	228	31062	3.78	ng/ul	97
19) Chrysene	21.30	228	33513	3.28	ng/ul	94
21) Benzo(b)fluoranthene	22.84	252	69040m	7.18	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	15589m	1.57	ng/ul	
23) Benzo(a)pyrene	23.41	252	34657	3.85	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.74	276	31493	2.83	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	8669	0.97	ng/ul	98
26) Benzo(a,h,i)perylene	26.43	276	31583	3.20	ng/ul#	90

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

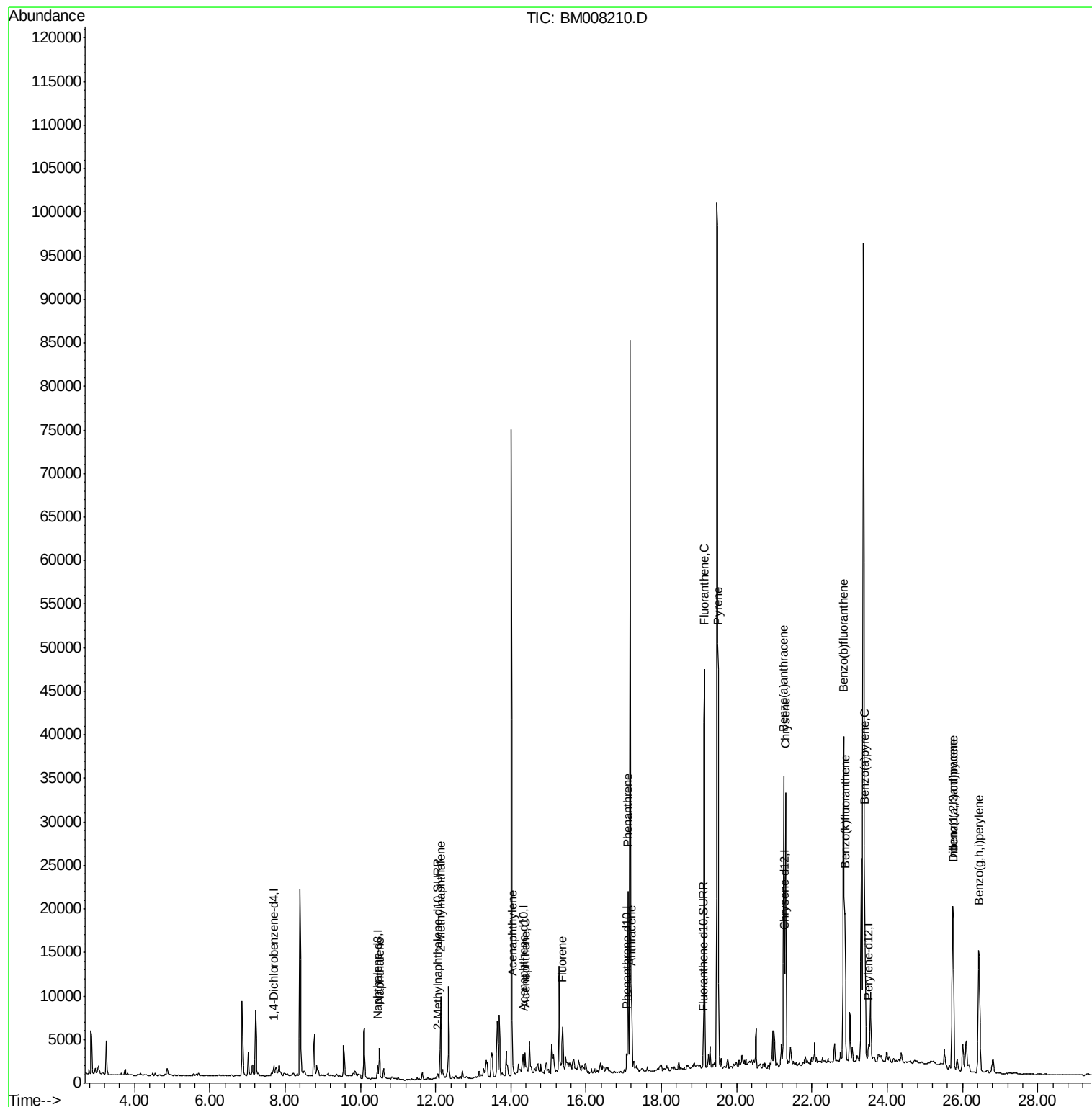
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008210.D
Acq On : 09 Dec 2016 18:04
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

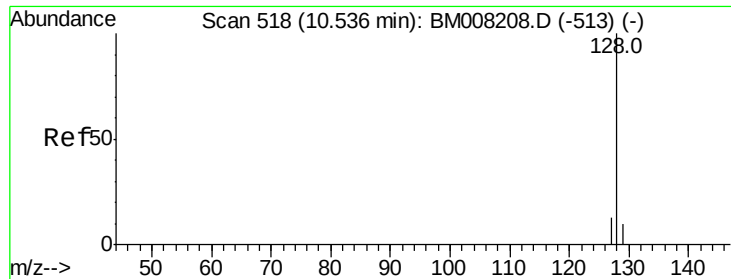
Instrument :
BNA_M
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DA7Y5

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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QLast Update : Sat Dec 10 00:42:03 2016
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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

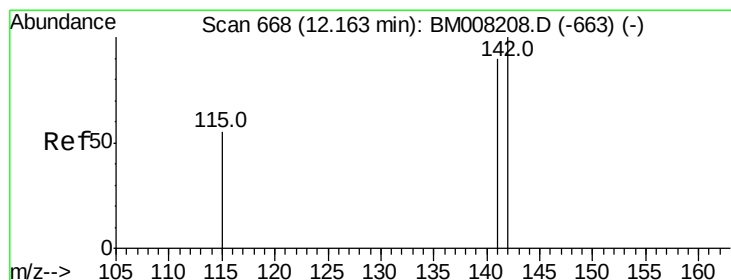
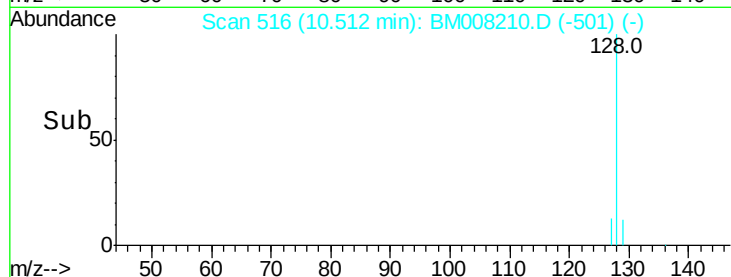
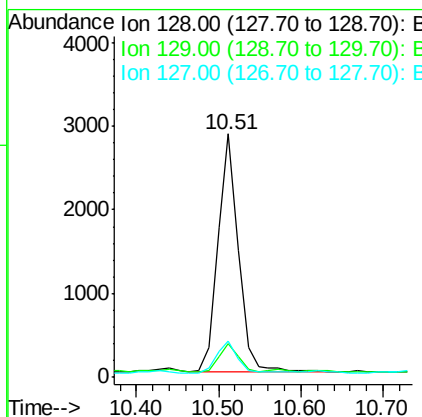
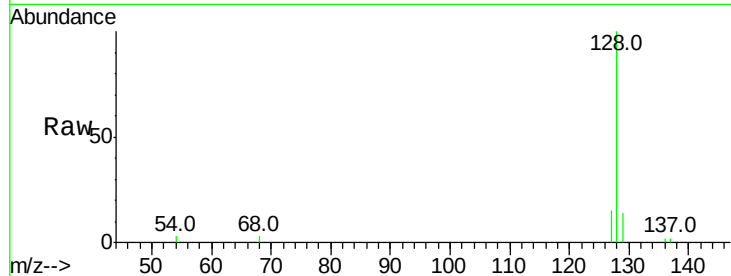
ClientSampleId :

DA7Y5

Tot Ion:	128	Resp:	4983
Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	14.8	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.77 ng/ul

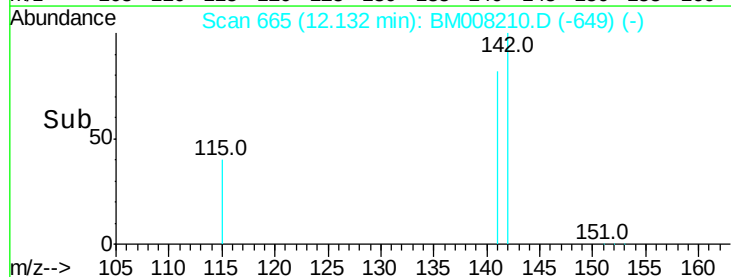
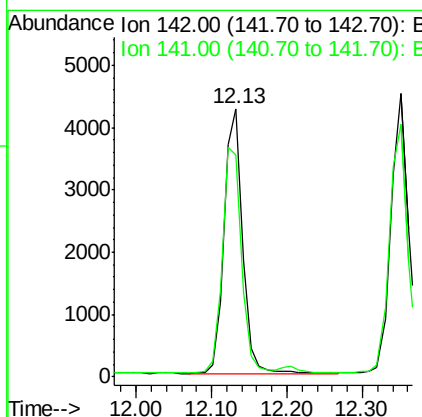
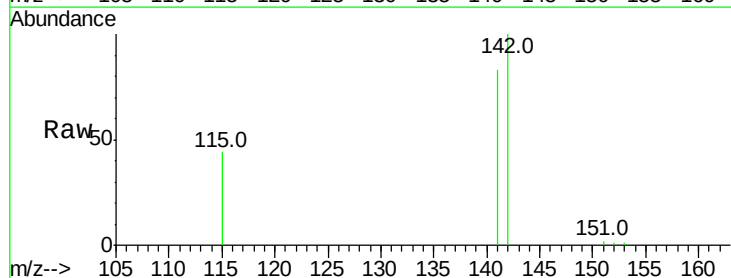
RT: 12.13 min Scan# 665

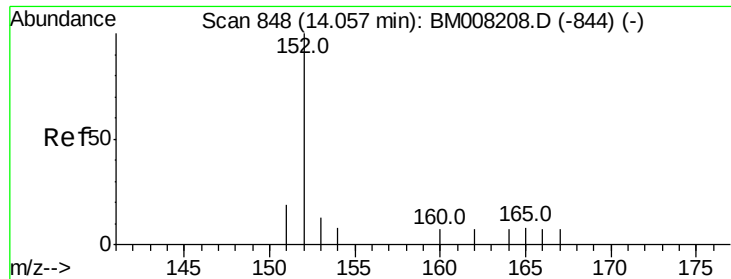
Delta R.T. -0.03 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Tgt Ion:	142	Resp:	7338
Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.84 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

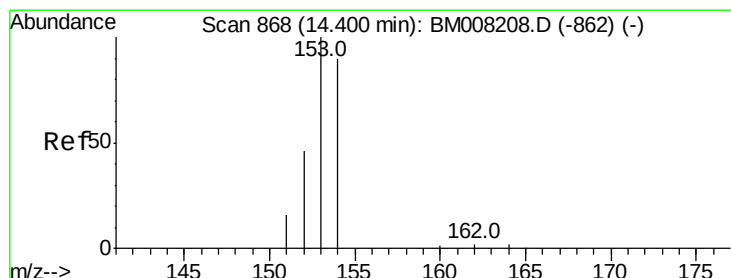
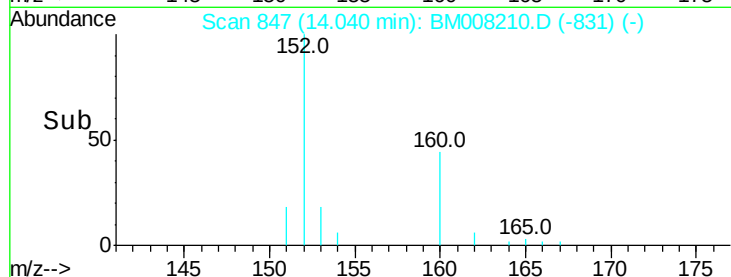
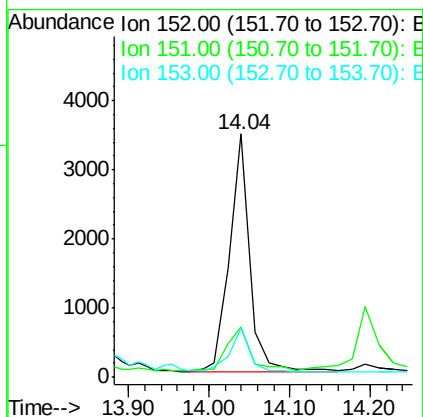
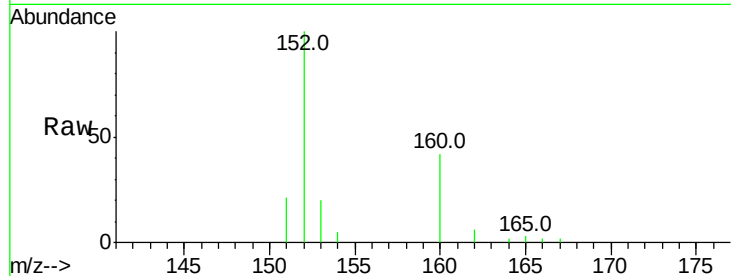
ClientSampleId :

DA7Y5

Tot Ion:	152	Resp:	5573
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	20.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.28 ng/ul

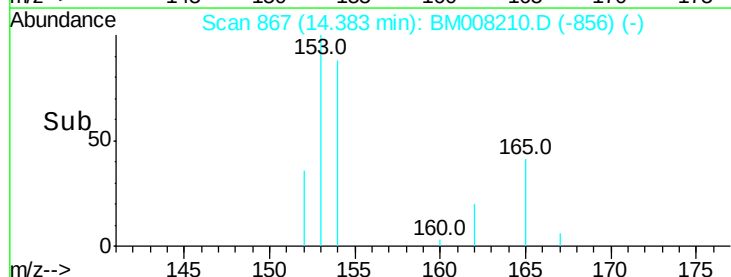
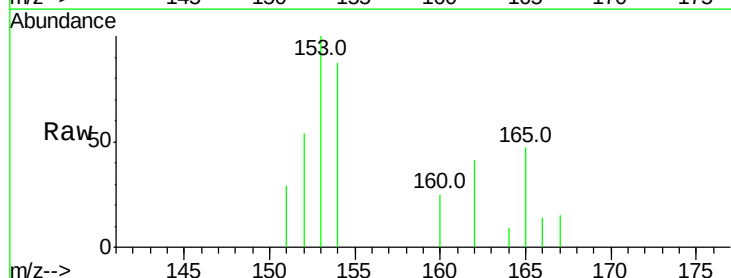
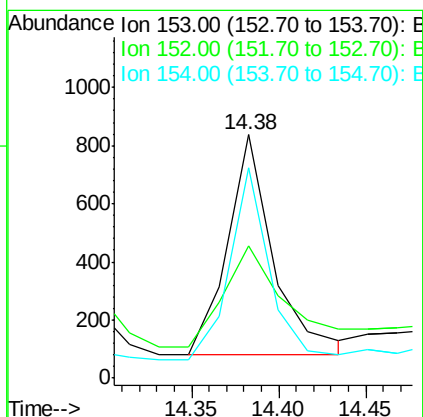
RT: 14.38 min Scan# 867

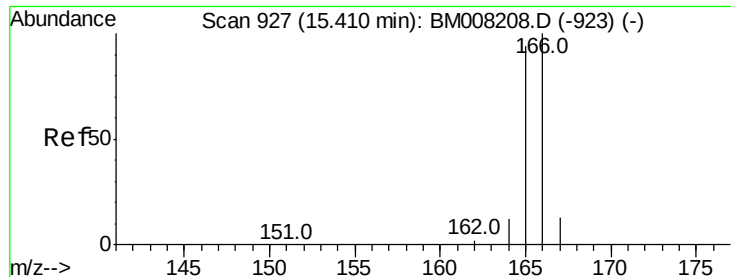
Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Tgt Ion:	153	Resp:	1385
Ion Ratio	Lower	Upper	
153	100		
152	54.4	40.3	60.5
154	86.6	71.4	107.2





#9

Fluorene

Concen: 0.69 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

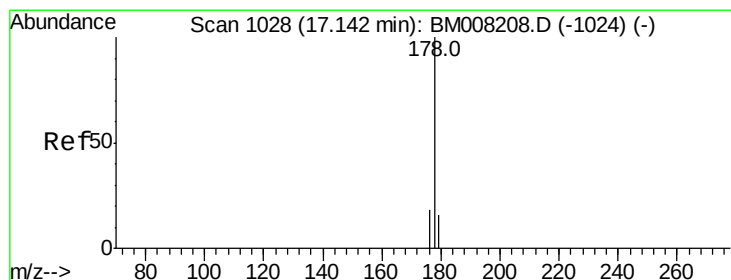
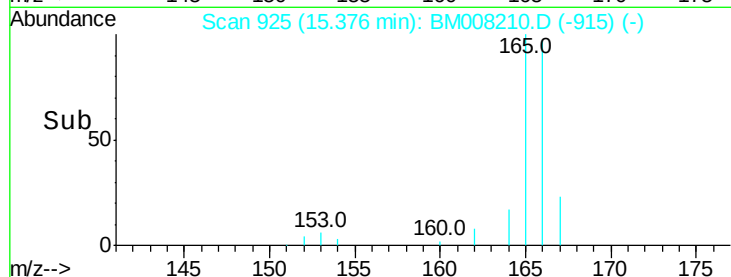
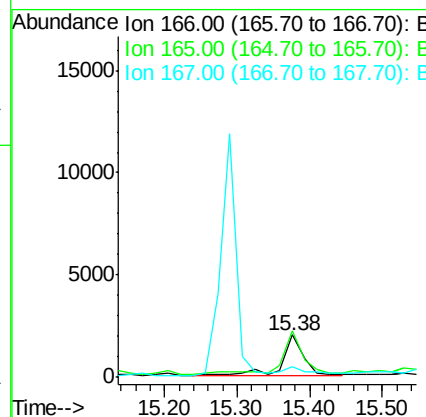
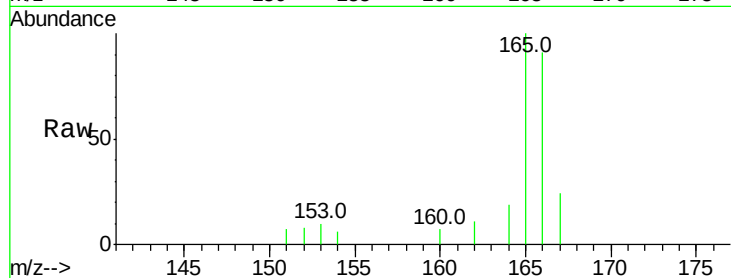
ClientSampleId :

DA7Y5

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.8	73.4	110.2
167	25.9	14.6	22.0

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#12

Phenanthrene

Concen: 3.02 ng/ul

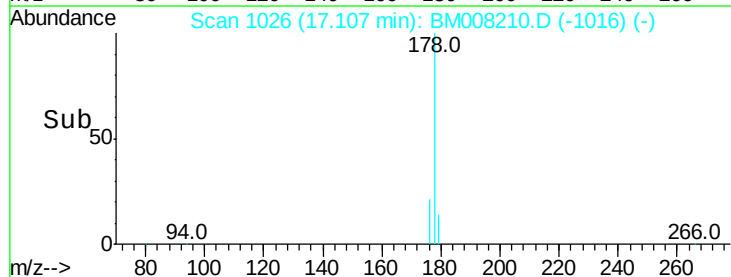
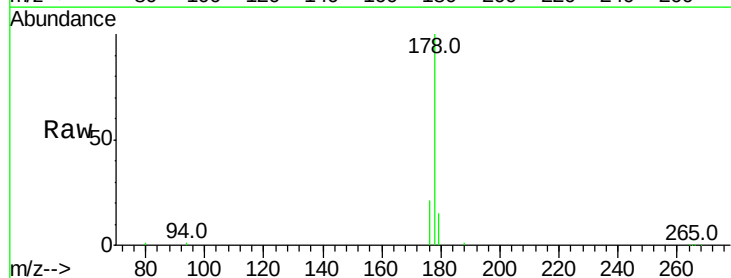
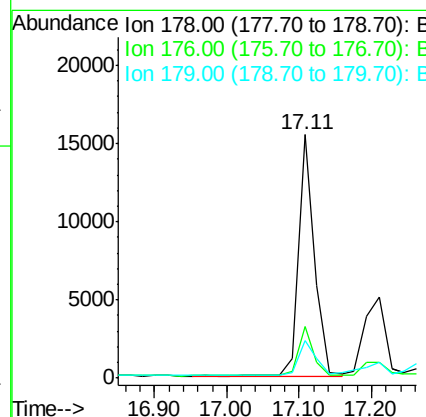
RT: 17.11 min Scan# 1026

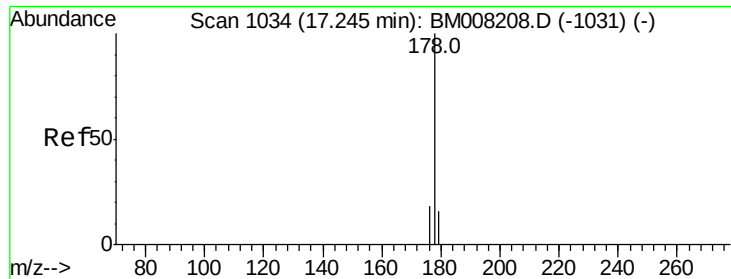
Delta R.T. -0.03 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	18.4	27.6
179	15.4	13.6	20.4





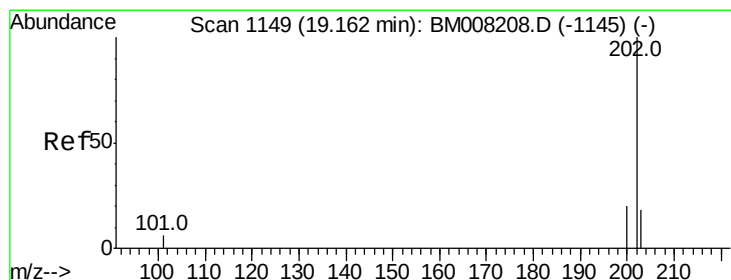
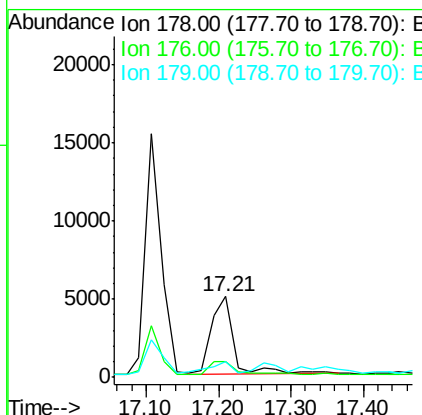
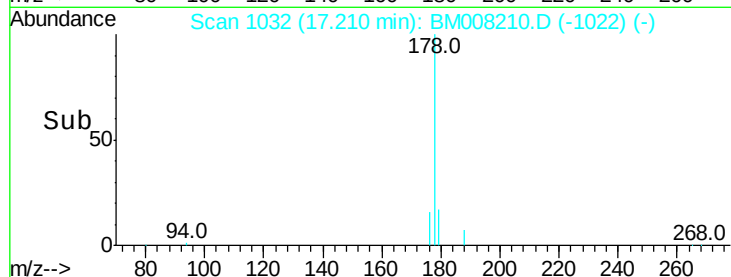
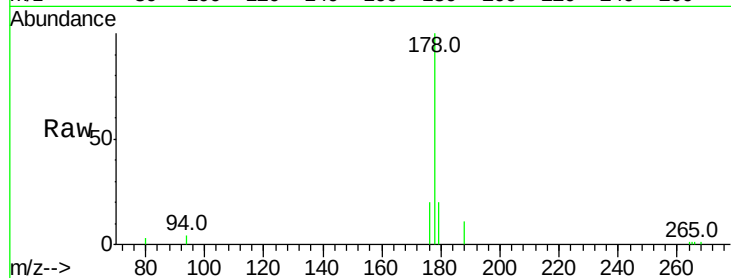
#13
 Anthracene
 Concen: 1.44 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BM008210.D
 Acq: 09 Dec 2016 18:04

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y5

Tot Ion:178 Resp: 10502
 Ion Ratio Lower Upper
 178 100
 176 19.7 18.1 27.1
 179 19.7 14.7 22.1

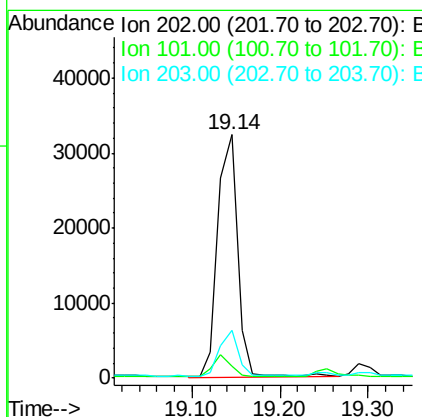
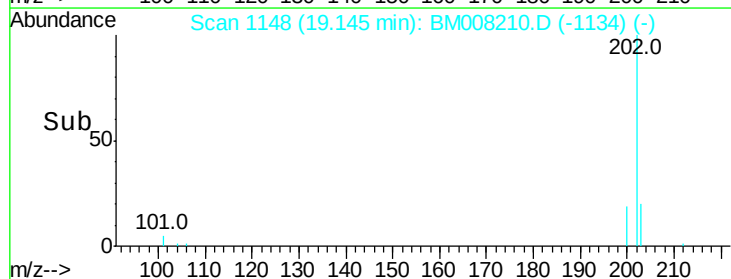
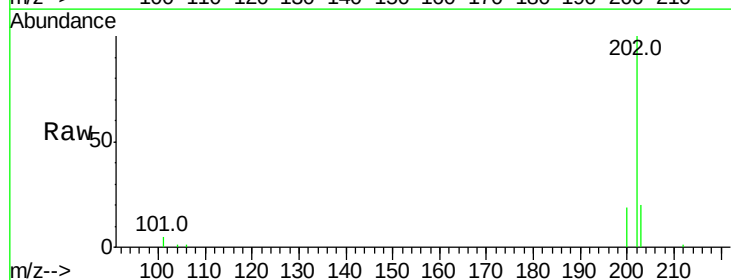
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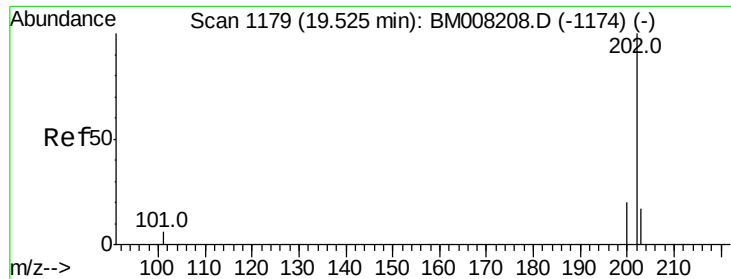
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#15
 Fluoranthene
 Concen: 5.10 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM008210.D
 Acq: 09 Dec 2016 18:04

Tgt Ion:202 Resp: 51124
 Ion Ratio Lower Upper
 202 100
 101 4.7 0.0 30.3
 203 19.6 0.0 39.5





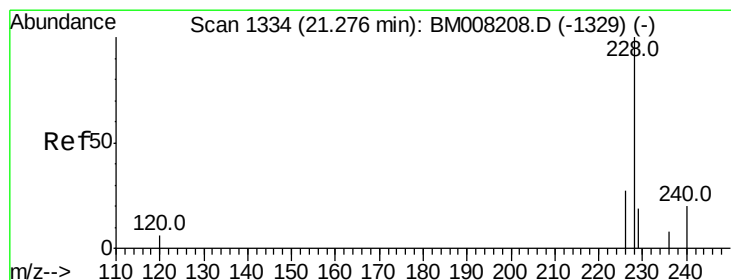
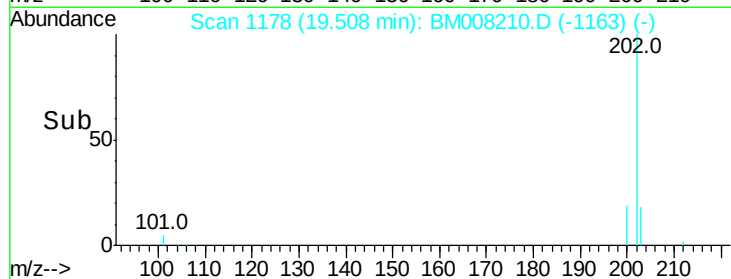
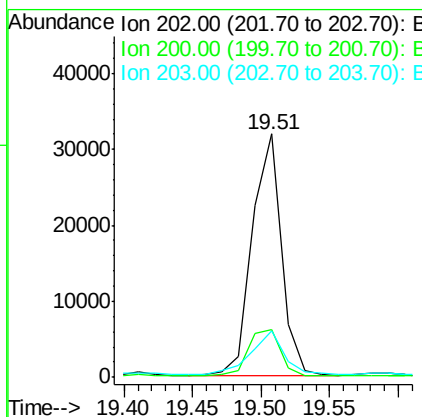
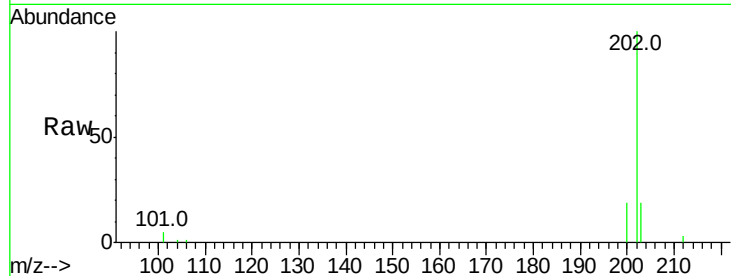
#17
Pvrene
Concen: 5.04 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008210.D
Acq: 09 Dec 2016 18:04

Instrument :
BNA_M
ClientSampleId :
DA7Y5

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	18.2	27.4
203	19.3	15.6	23.4

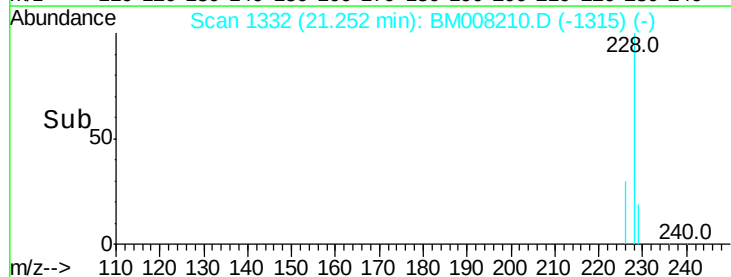
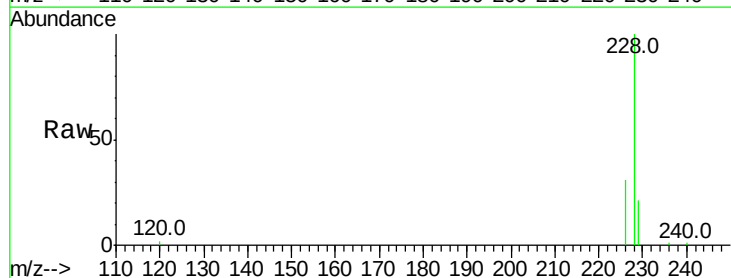
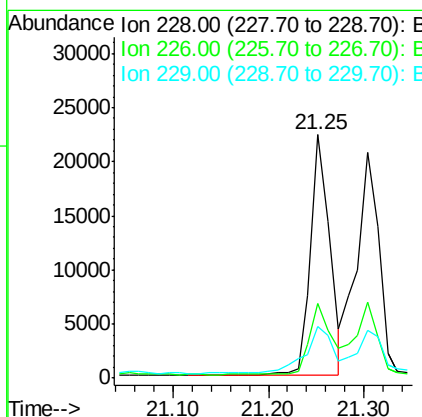
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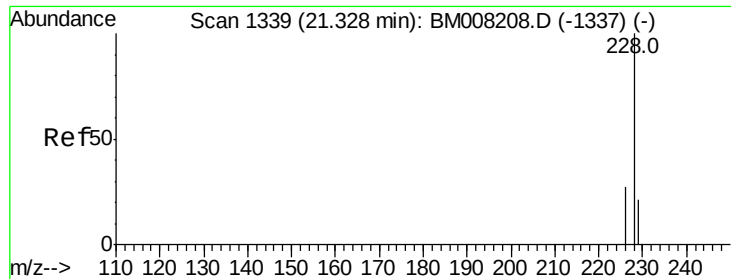
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#18
Benzo(a)anthracene
Concen: 3.78 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008210.D
Acq: 09 Dec 2016 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.8	34.2
229	21.2	17.0	25.6





#19

Chrysene

Concen: 3.28 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

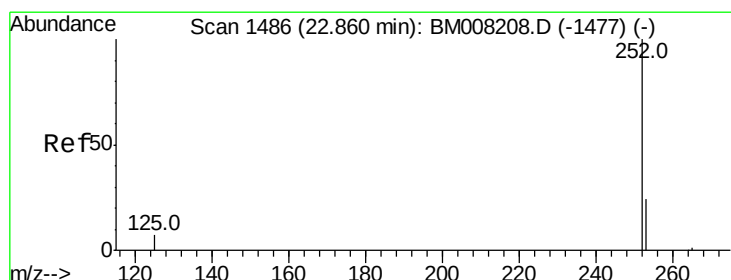
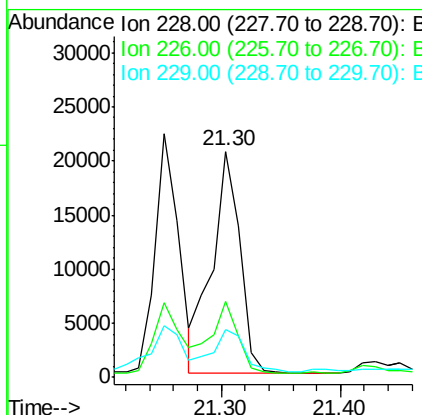
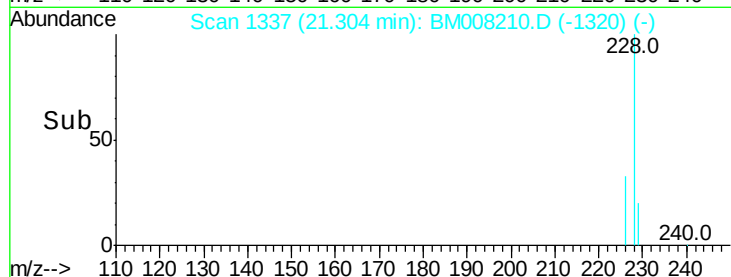
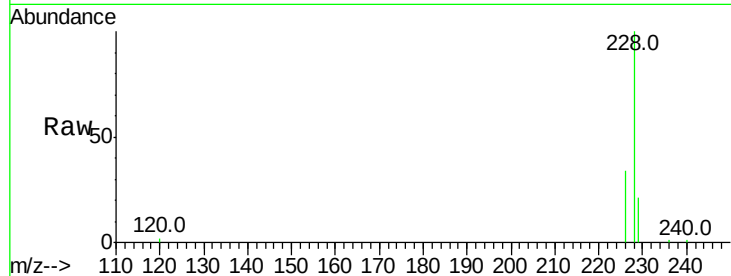
ClientSampleId :

DA7Y5

Tot Ion:	228	Resp:	33513
Ion Ratio	Lower	Upper	
228	100		
226	33.8	23.4	35.0
229	21.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.18 ng/ul m

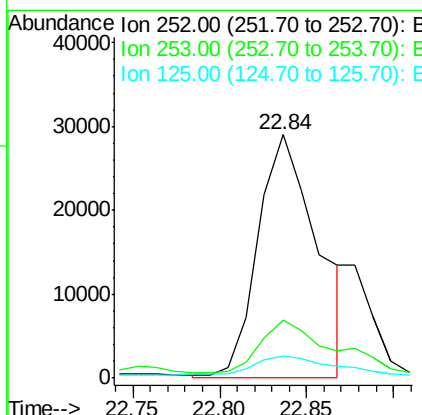
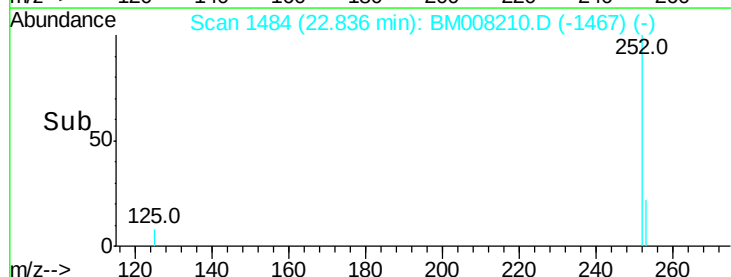
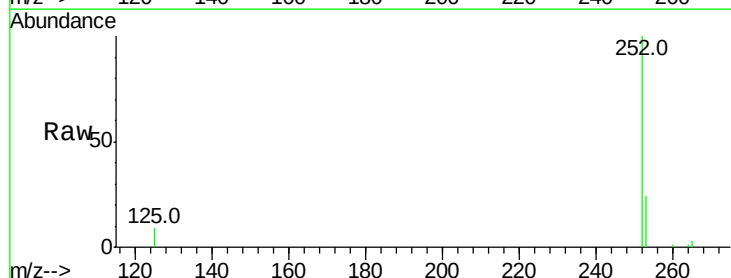
RT: 22.84 min Scan# 1484

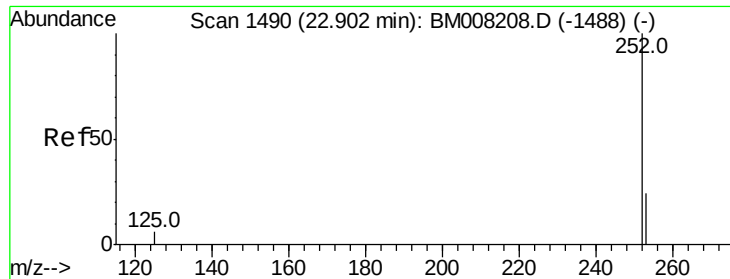
Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Tgt Ion:	252	Resp:	69040
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	64.2
125	9.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.57 ng/ul m

RT: 22.88 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

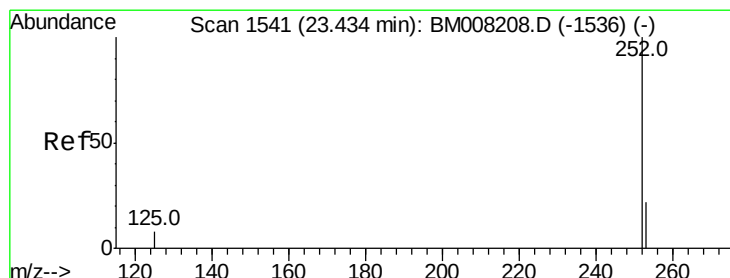
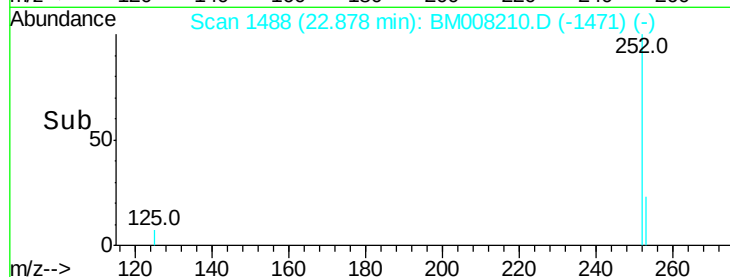
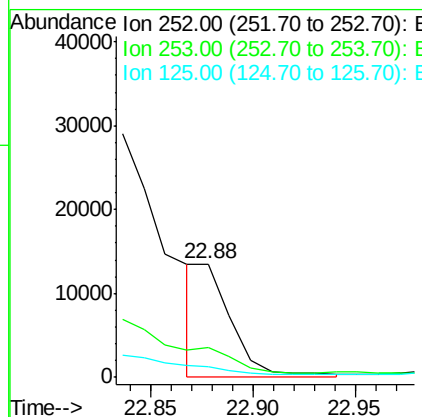
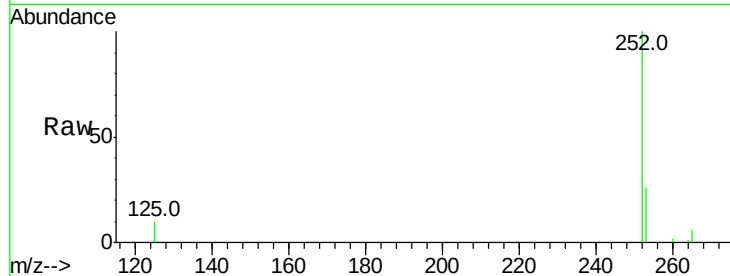
ClientSampleId :

DA7Y5

Tot Ion:	252	Resp:	15589
Ion Ratio	Lower	Upper	
252	100		
253	26.2	24.5	36.7
125	9.6	13.7	20.5#

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 3.85 ng/ul

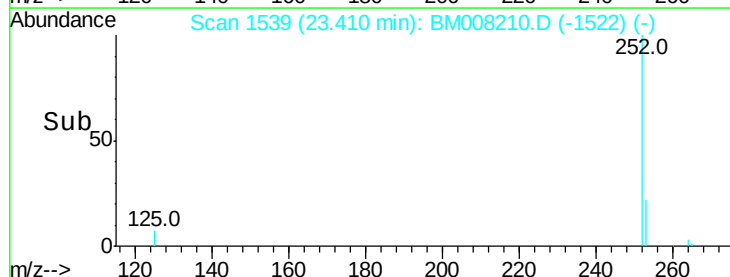
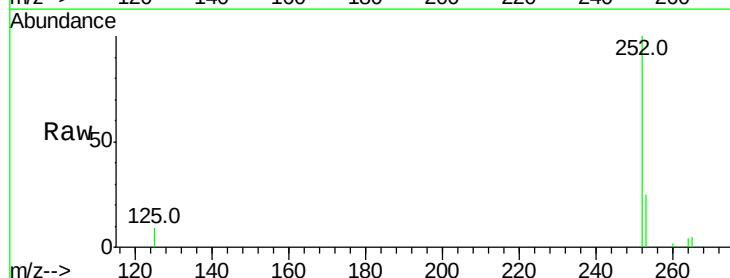
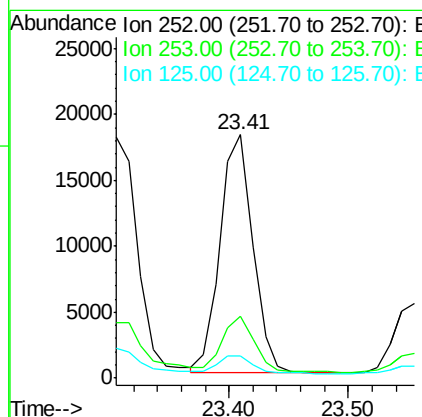
RT: 23.41 min Scan# 1539

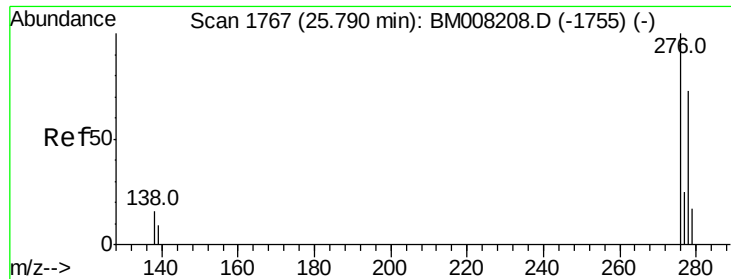
Delta R.T. -0.02 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Tgt Ion:	252	Resp:	34657
Ion Ratio	Lower	Upper	
252	100		
253	25.3	28.5	42.7#
125	9.3	18.1	27.1#





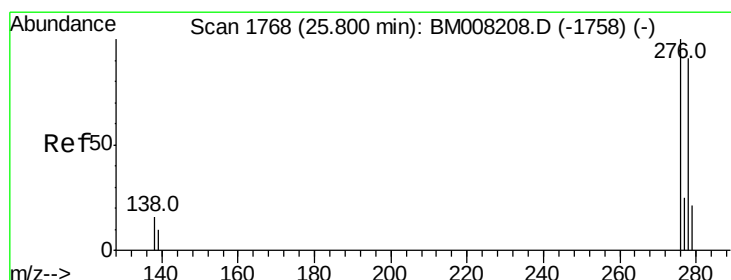
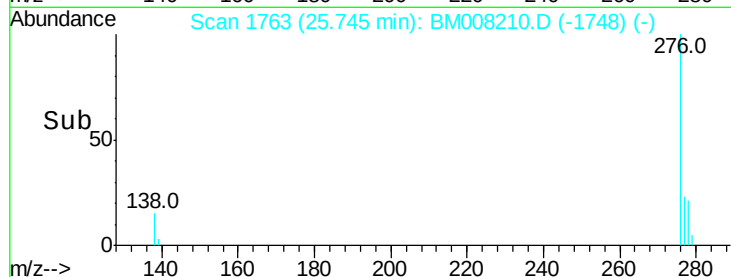
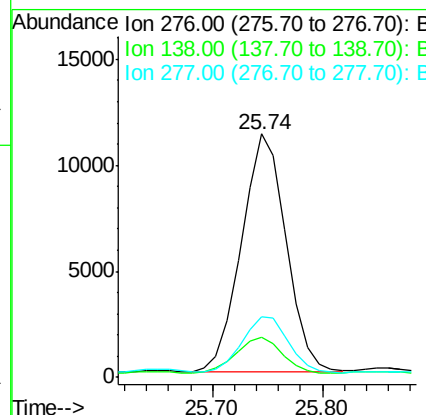
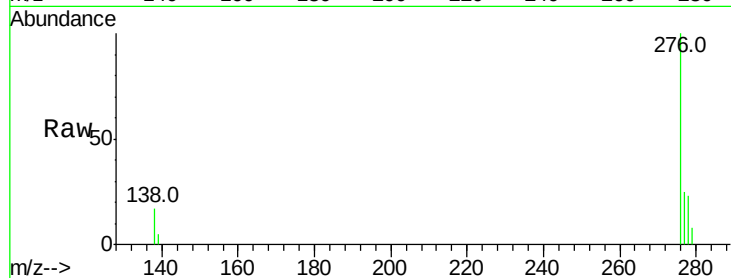
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.83 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.05 min
 Lab File: BM008210.D
 Acq: 09 Dec 2016 18:04

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	19.1	28.7#
277	24.0	19.6	29.4

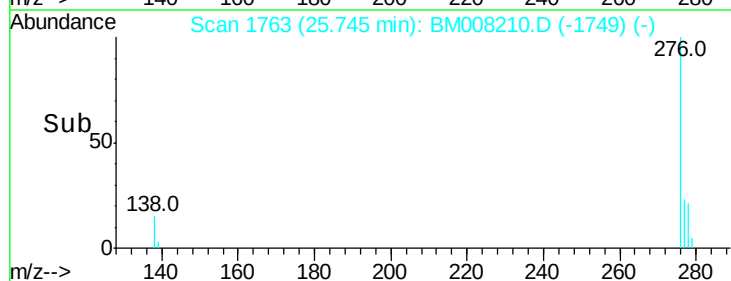
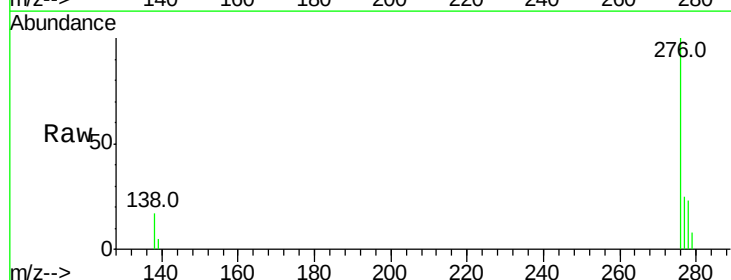
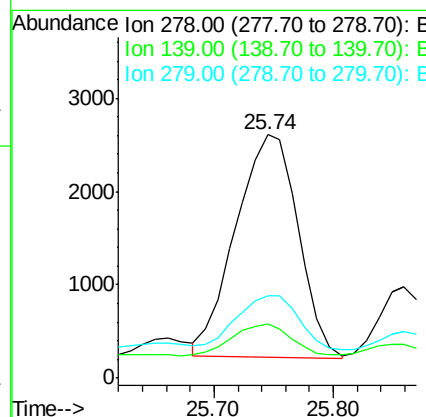
Manual Integrations
 APPROVED

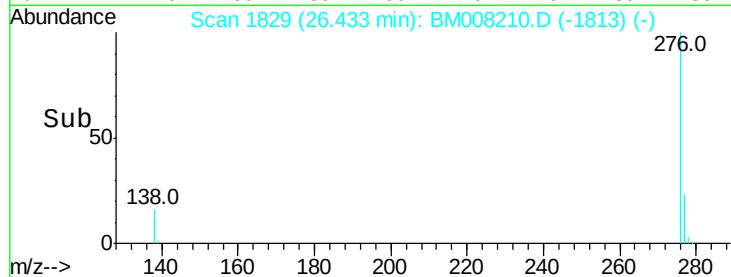
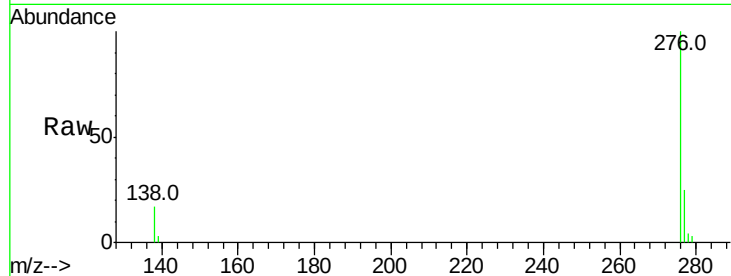
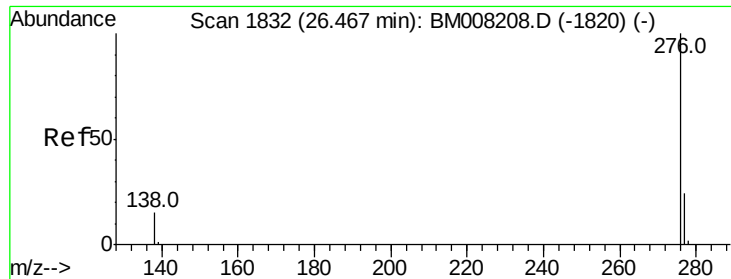
UMANGI
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.97 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.06 min
 Lab File: BM008210.D
 Acq: 09 Dec 2016 18:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	17.4	26.0
279	33.9	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 3.20 ng/ul

RT: 26.43 min Scan# 1829

Delta R.T. -0.03 min

Lab File: BM008210.D

Acq: 09 Dec 2016 18:04

Instrument :

BNA_M

ClientSampleId :

DA7Y5

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.8	32.8
138	17.1	20.5	30.7

Manual Integrations
APPROVED

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