

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
 Data File : BM008214.D
 Acq On : 09 Dec 2016 20:28
 Operator : UM/SJ
 Sample : H5863-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 10 04:26:31 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	578	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1785	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1137	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	1951m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2431	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2099	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	727	0.29	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2078	0.38	ng/ul	-0.02
Target Compounds						Ovalue
3) Naphthalene	10.51	128	5019	1.01	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	4676	1.45	ng/ul	98
7) Acenaphthylene	14.04	152	15739	3.06	ng/ul	96
8) Acenaphthene	14.38	153	774	0.20	ng/ul#	91
9) Fluorene	15.38	166	789	0.18	ng/ul#	55
12) Phenanthrene	17.11	178	9728	1.60	ng/ul	99
13) Anthracene	17.21	178	13682m	2.40	ng/ul	
15) Fluoranthene	19.14	202	69708	8.89	ng/ul	94
17) Pyrene	19.51	202	78742	9.33	ng/ul	96
18) Benzo(a)anthracene	21.25	228	52288	7.01	ng/ul	96
19) Chrysene	21.30	228	82419	8.88	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	182632m	21.80	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	37177m	4.30	ng/ul	
23) Benzo(a)pyrene	23.41	252	76663	9.77	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.74	276	89122	9.19	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	25429m	3.27	ng/ul	
26) Benzo(a,h,i)perylene	26.43	276	82139	9.54	ng/ul#	87

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

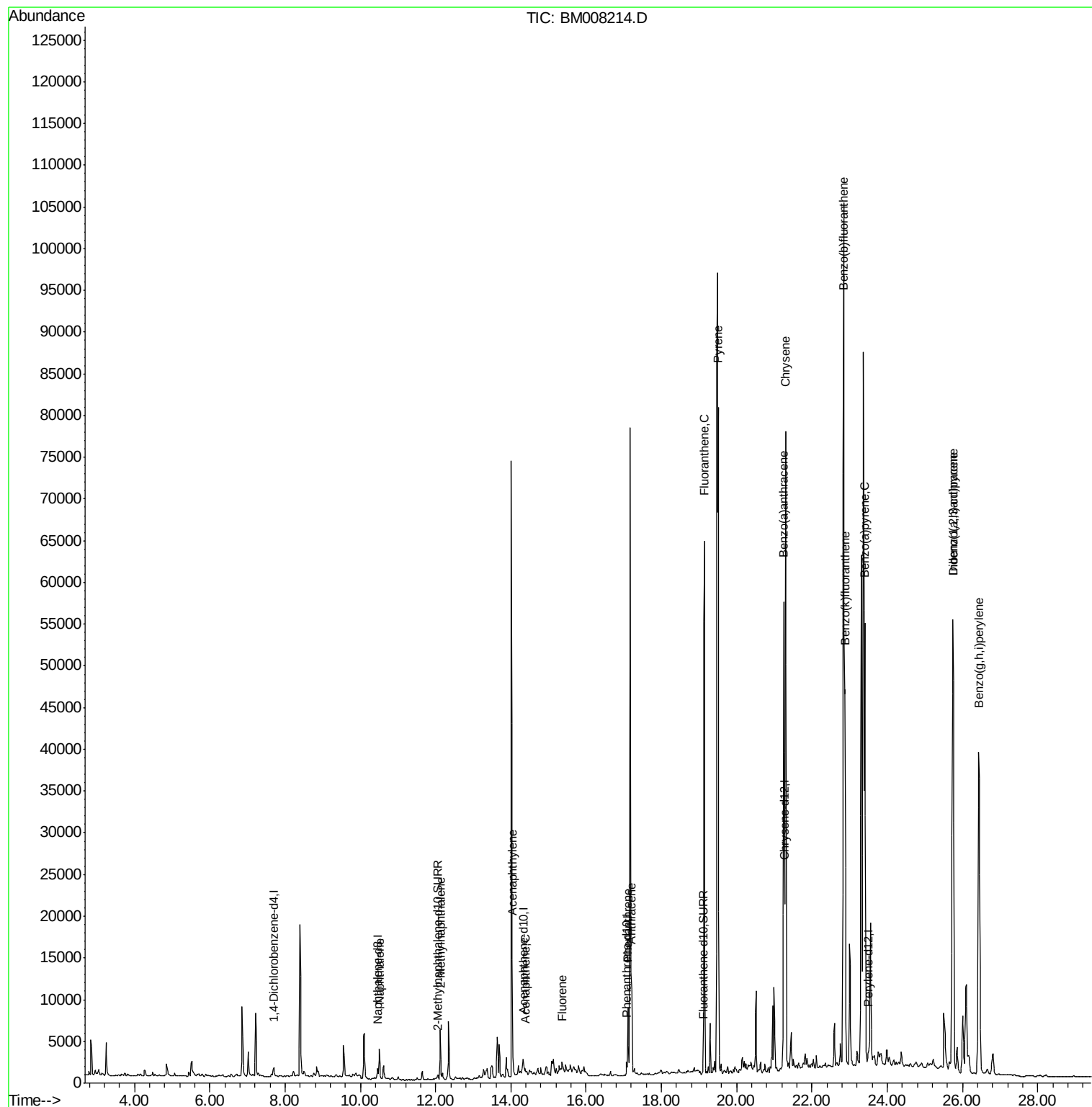
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
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Sample : H5863-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

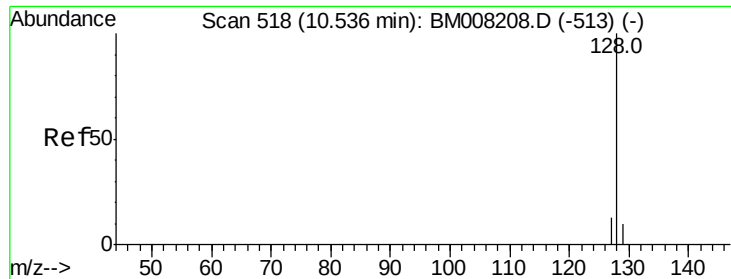
Instrument :
BNA_M
ClientSampleId :
DA7Y8

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Quant Time: Dec 10 04:26:31 2016
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: 1.01 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.02 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Instrument :

BNA_M

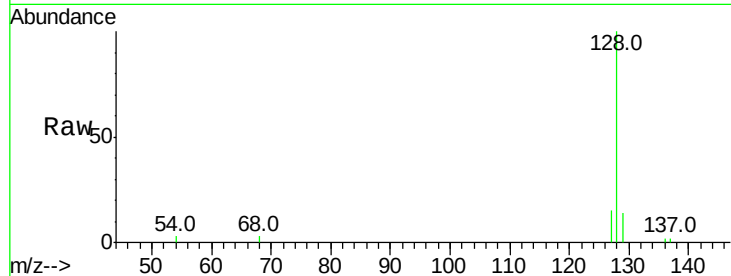
ClientSampleId :

DA7Y8

Tot Ion:	128	Resp:	5019
Ion Ratio	Lower	Upper	
128	100		
129	13.8	11.3	16.9
127	14.6	12.8	19.2

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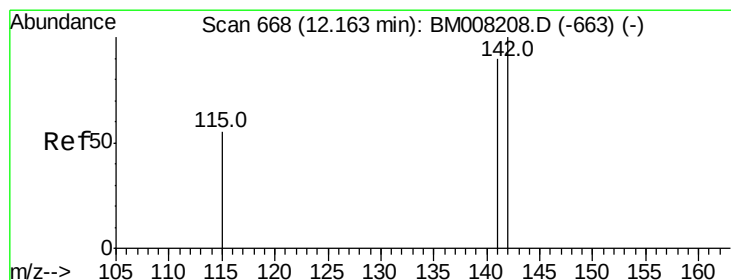
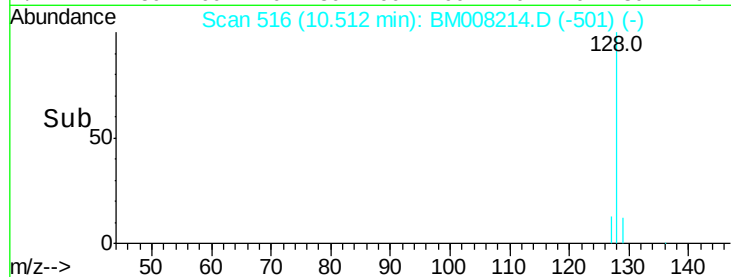
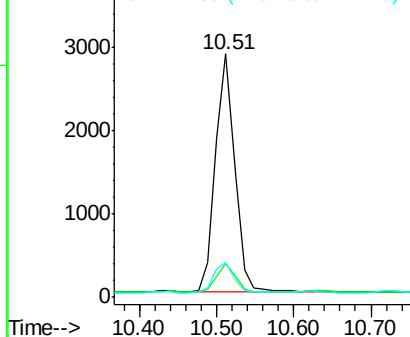
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.45 ng/ul

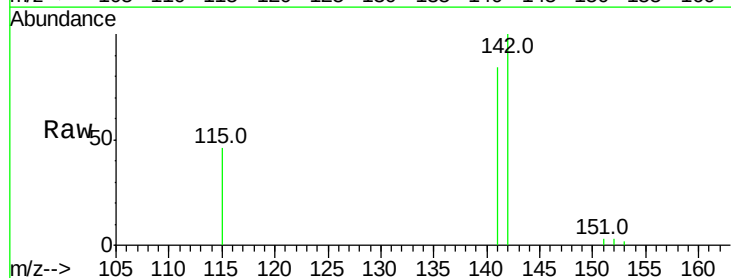
RT: 12.13 min Scan# 665

Delta R.T. -0.03 min

Lab File: BM008214.D

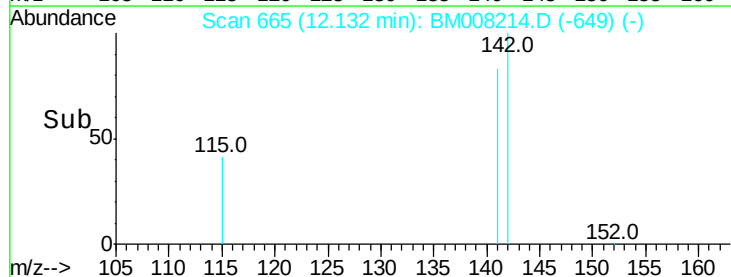
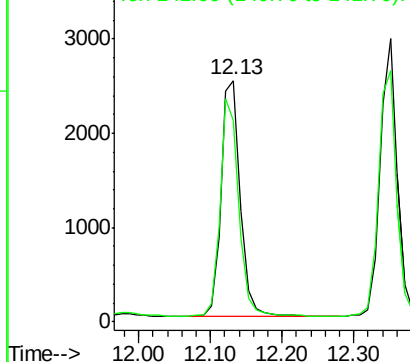
Acq: 09 Dec 2016 20:28

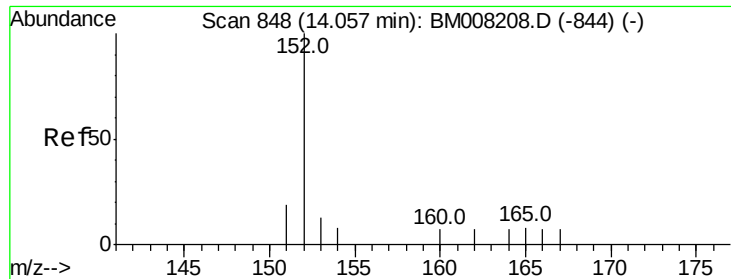
Tgt Ion:	142	Resp:	4676
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.06 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Instrument :

BNA_M

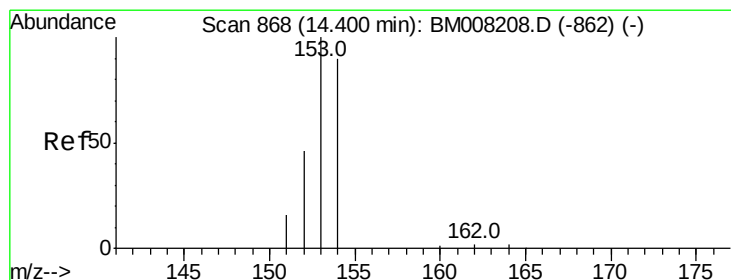
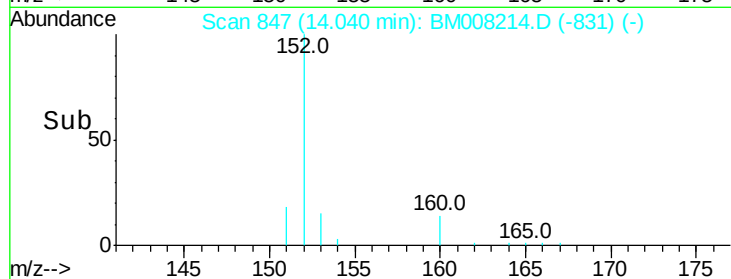
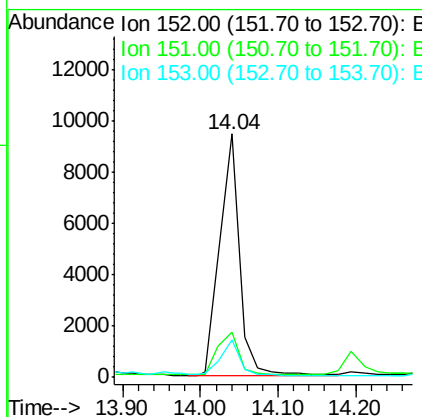
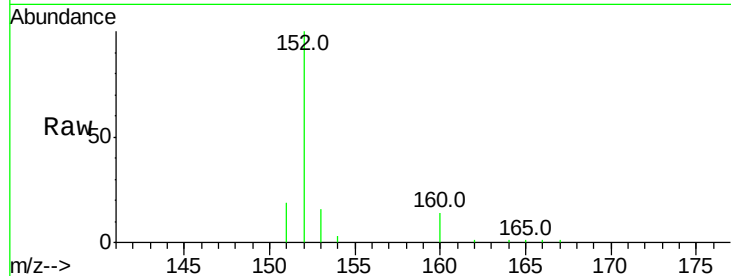
ClientSampleId :

DA7Y8

Tot Ion:	152	Resp:	15739
Ion Ratio	Lower	Upper	
152	100		
151	18.8	17.1	25.7
153	15.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.20 ng/ul

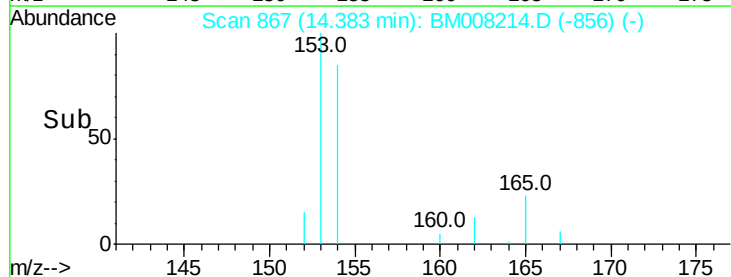
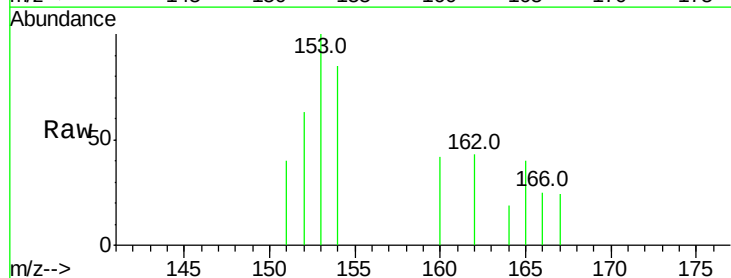
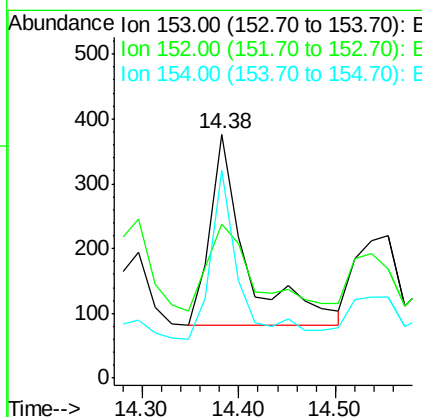
RT: 14.38 min Scan# 867

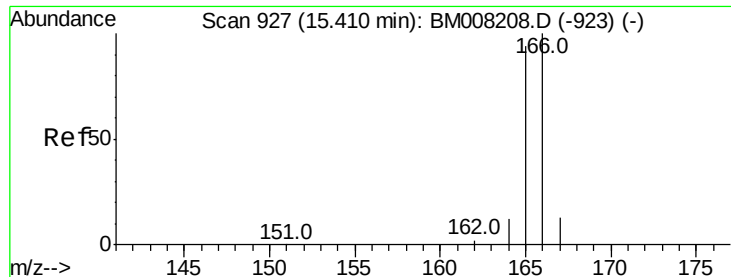
Delta R.T. -0.02 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Tgt Ion:	153	Resp:	774
Ion Ratio	Lower	Upper	
153	100		
152	63.0	40.3	60.5#
154	85.4	71.4	107.2





#9

Fluorene

Concen: 0.18 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.03 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Instrument :

BNA_M

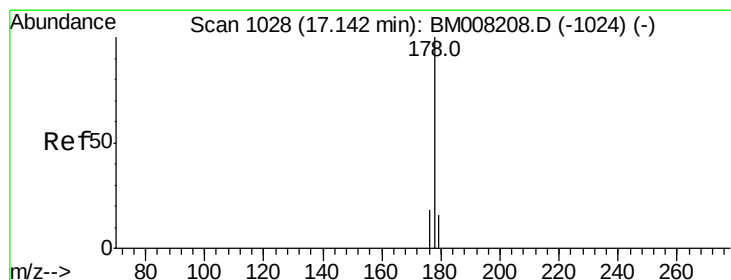
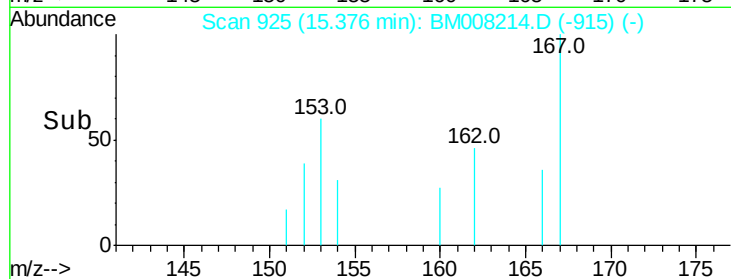
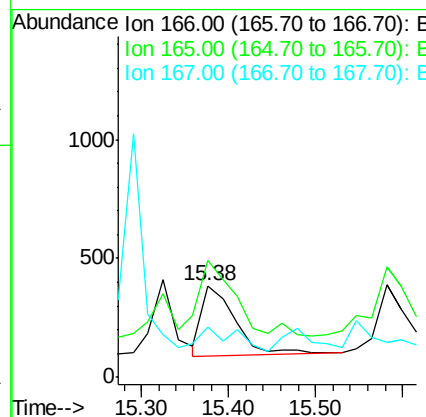
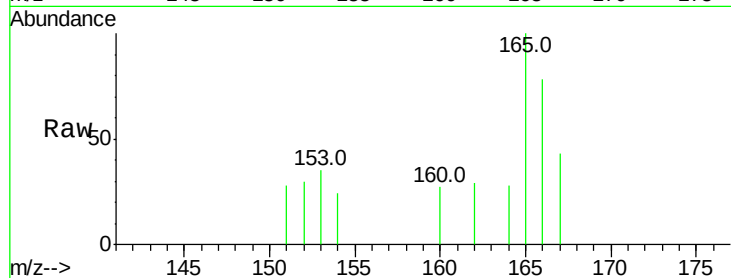
ClientSampleId :

DA7Y8

Tot Ion:	166	Resp:	789
Ion Ratio	Lower	Upper	
166	100		
165	127.8	73.4	110.2#
167	55.1	14.6	22.0#

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#12

Phenanthrene

Concen: 1.60 ng/ul

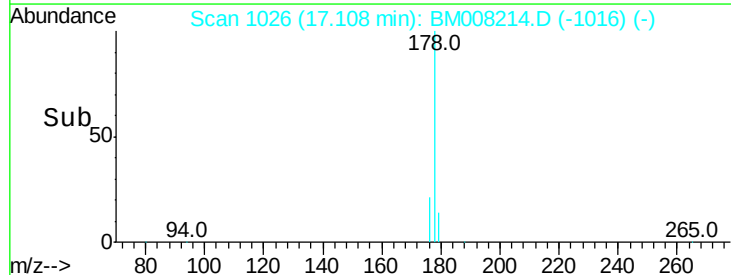
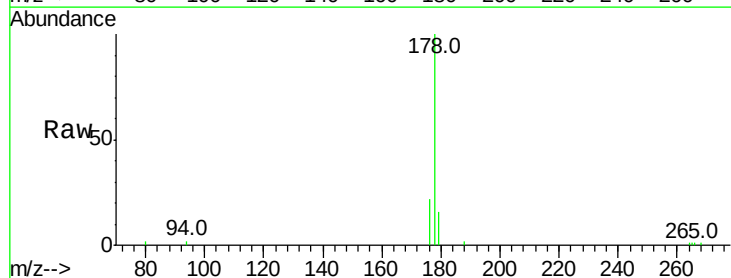
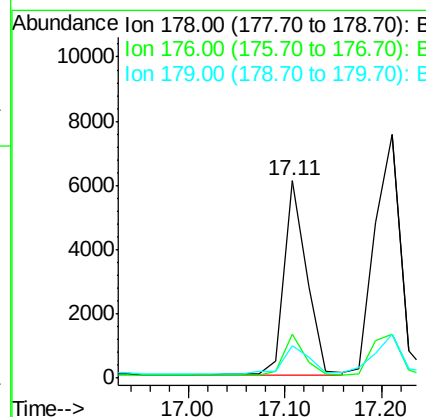
RT: 17.11 min Scan# 1026

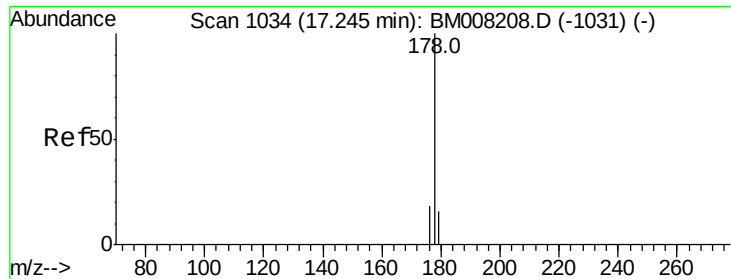
Delta R.T. -0.03 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Tgt Ion:	178	Resp:	9728
Ion Ratio	Lower	Upper	
178	100		
176	22.4	18.4	27.6
179	16.3	13.6	20.4





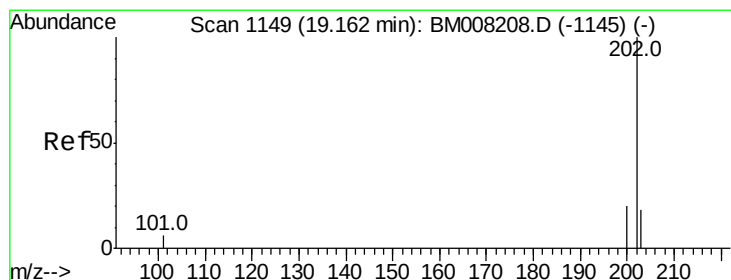
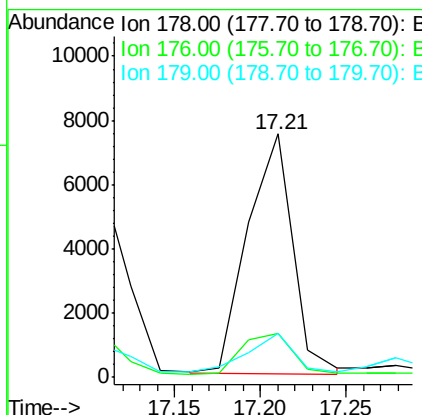
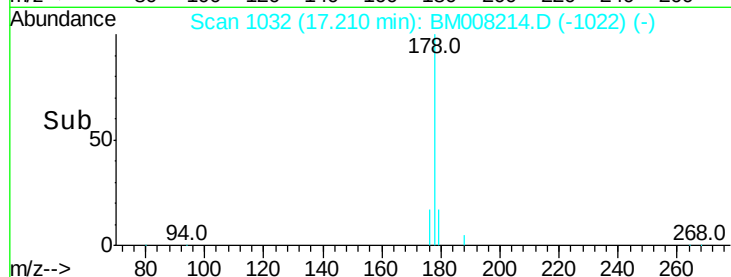
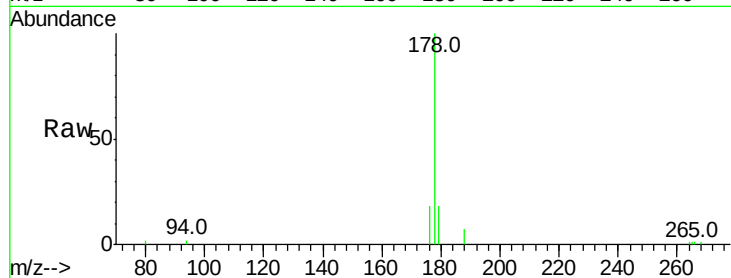
#13
 Anthracene
 Concen: 2.40 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BM008214.D
 Acq: 09 Dec 2016 20:28

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8

Tot Ion:178 Resp: 13682
 Ion Ratio Lower Upper
 178 100
 176 18.1 18.1 27.1#
 179 18.1 14.7 22.1

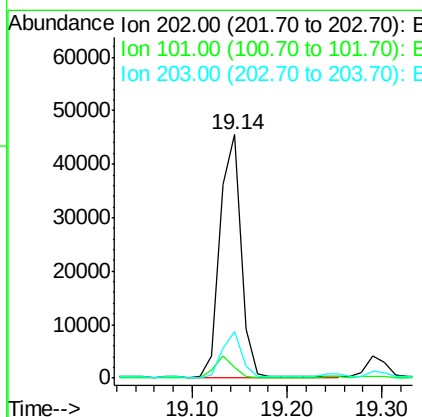
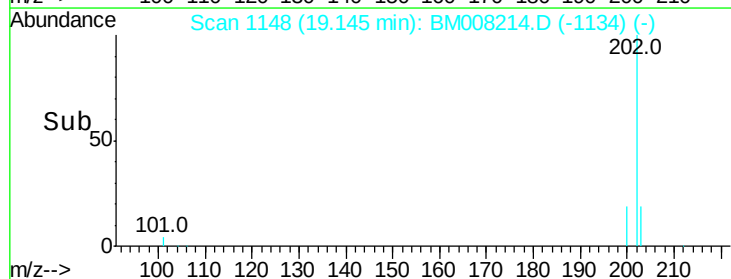
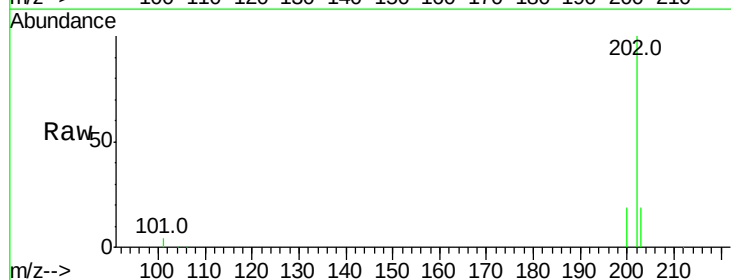
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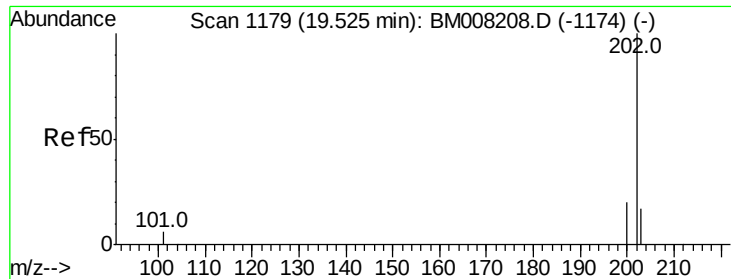
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#15
 Fluoranthene
 Concen: 8.89 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM008214.D
 Acq: 09 Dec 2016 20:28

Tgt Ion:202 Resp: 69708
 Ion Ratio Lower Upper
 202 100
 101 4.2 0.0 30.3
 203 19.0 0.0 39.5





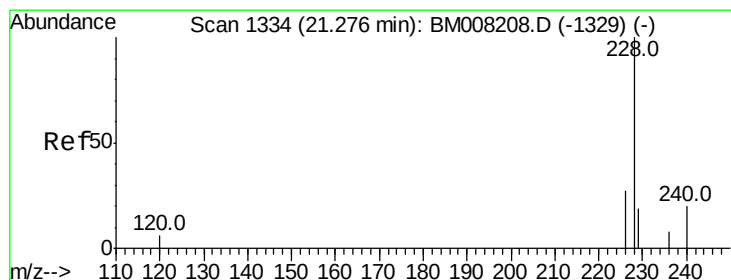
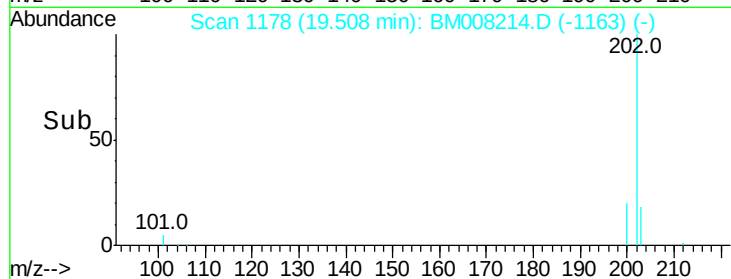
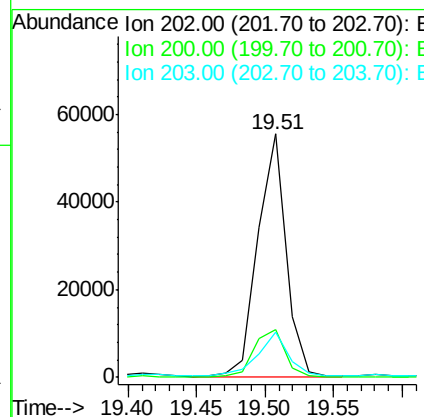
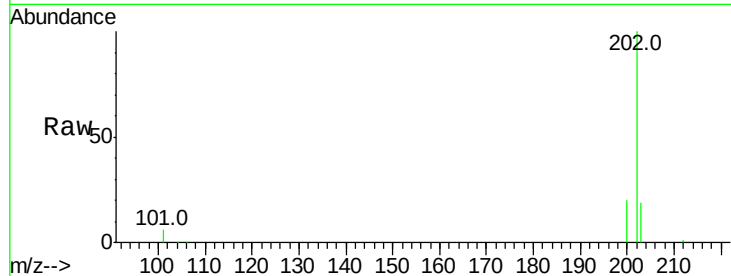
#17
Pvrene
Concen: 9.33 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BM008214.D
Acq: 09 Dec 2016 20:28

Instrument :
BNA_M
ClientSampleId :
DA7Y8

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	18.2	27.4
203	18.5	15.6	23.4

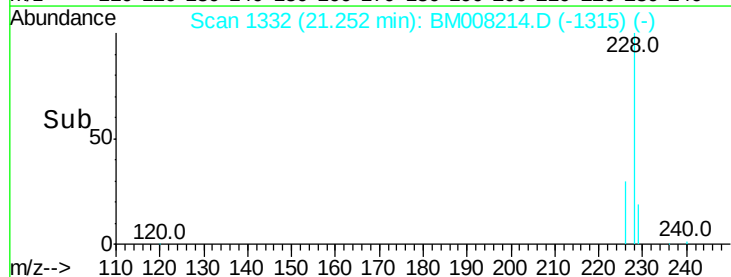
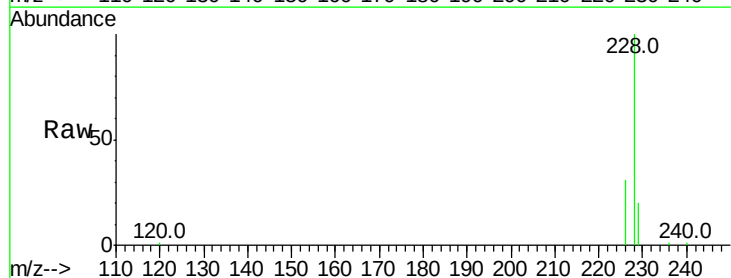
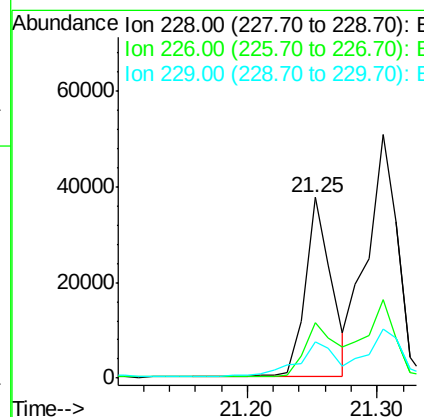
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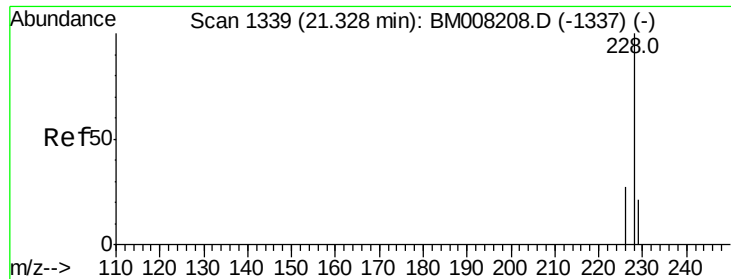
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#18
Benzo(a)anthracene
Concen: 7.01 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008214.D
Acq: 09 Dec 2016 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	19.8	17.0	25.6





#19

Chrysene

Concen: 8.88 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Instrument :

BNA_M

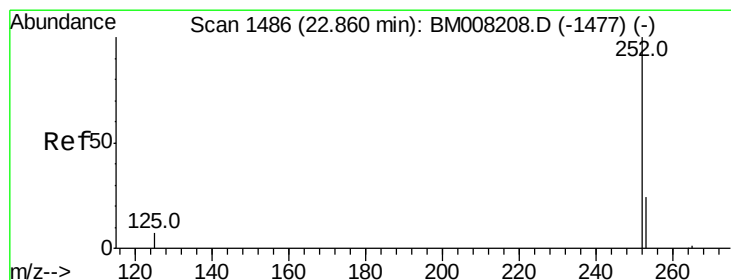
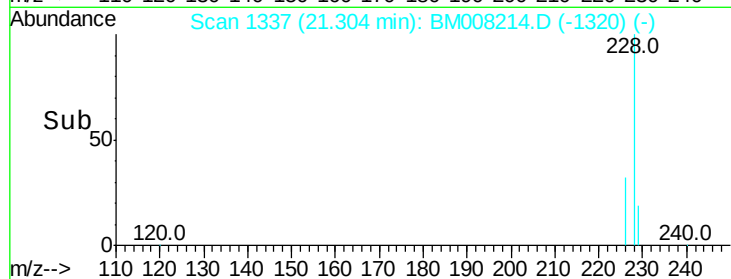
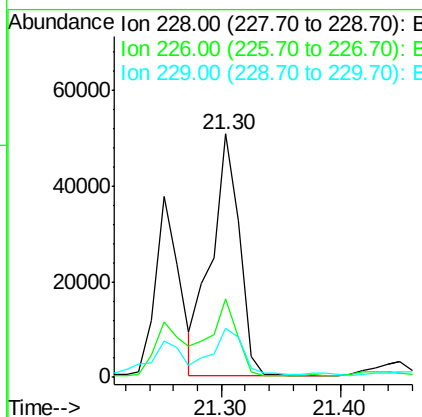
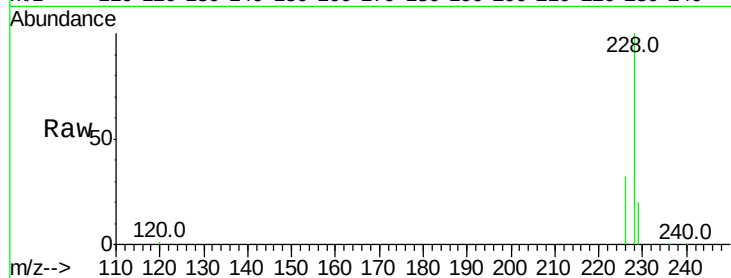
ClientSampleId :

DA7Y8

Tot Ion:	228	Resp:	82419
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	19.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 21.80 ng/ul m

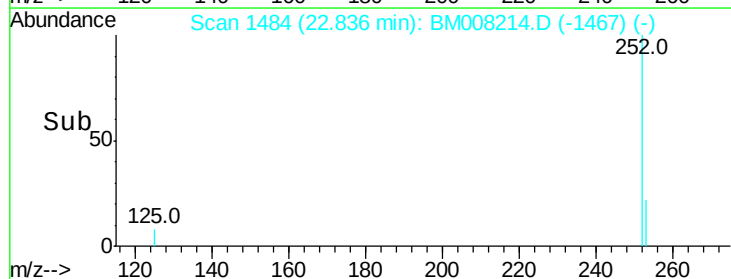
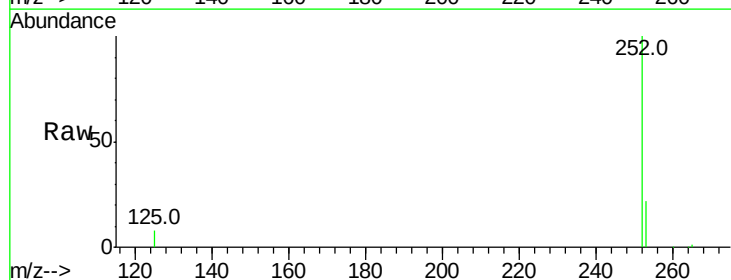
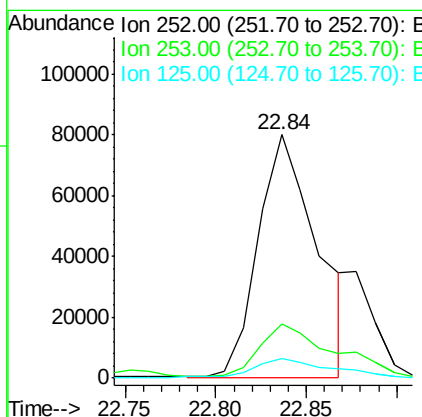
RT: 22.84 min Scan# 1484

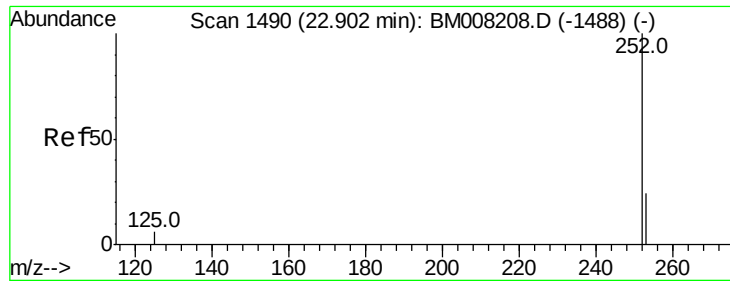
Delta R.T. -0.02 min

Lab File: BM008214.D

Acq: 09 Dec 2016 20:28

Tgt Ion:	252	Resp:	182632
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	64.2
125	8.0	0.0	35.0





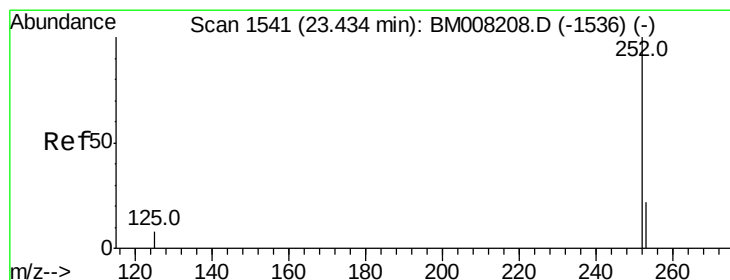
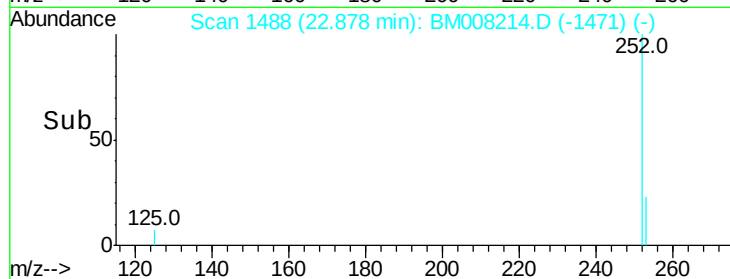
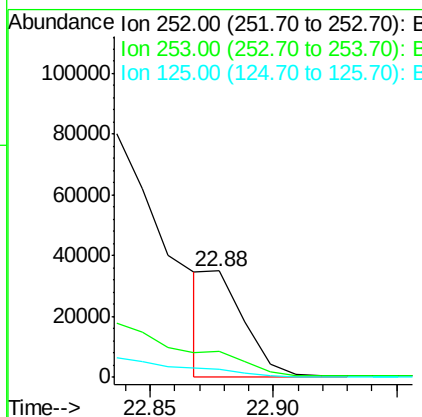
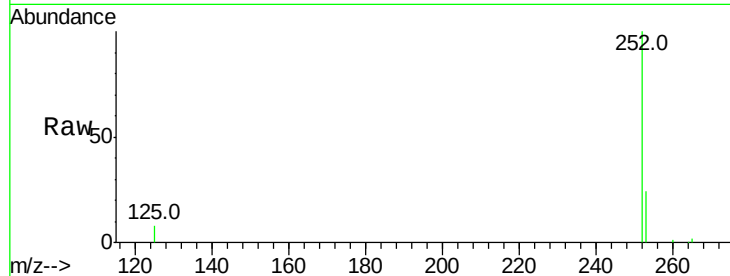
#22
Benzo(k)fluoranthene
Concen: 4.30 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BM008214.D
Acq: 09 Dec 2016 20:28

Instrument :
BNA_M
ClientSampleId :
DA7Y8

Tot Ion:252 Resp: 37177
Ion Ratio Lower Upper
252 100
253 24.5 24.5 36.7#
125 7.5 13.7 20.5#

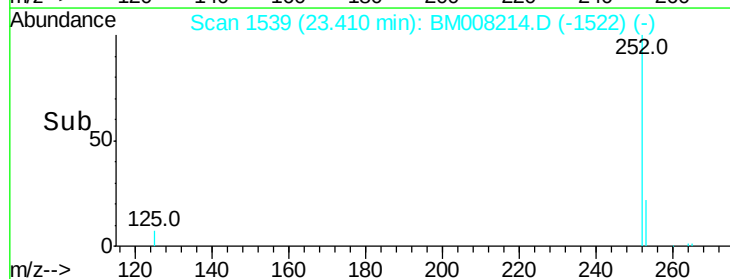
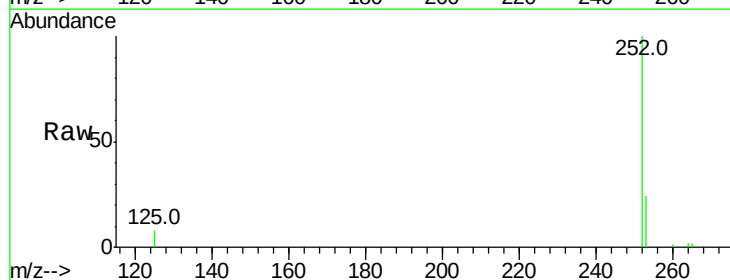
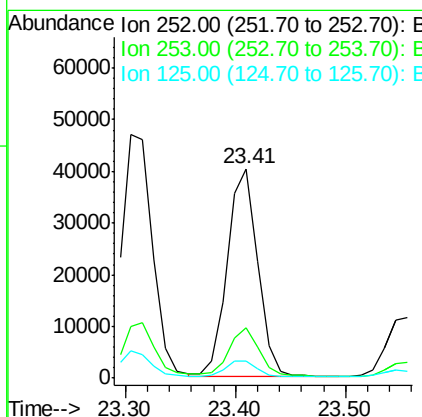
Manual Integrations
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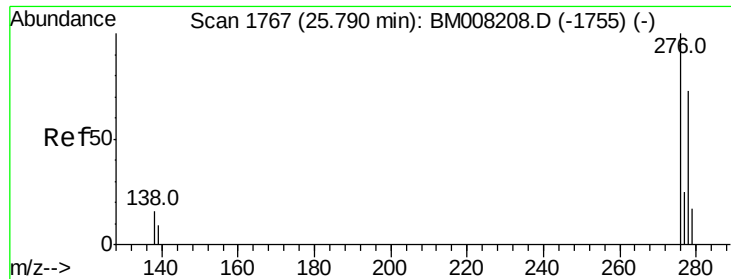
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#23
Benzo(a)pyrene
Concen: 9.77 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BM008214.D
Acq: 09 Dec 2016 20:28

Tgt Ion:252 Resp: 76663
Ion Ratio Lower Upper
252 100
253 23.8 28.5 42.7#
125 8.1 18.1 27.1#





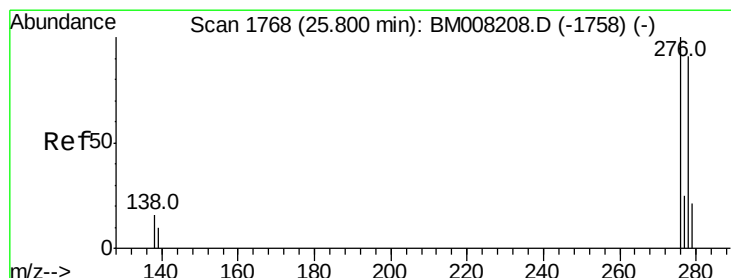
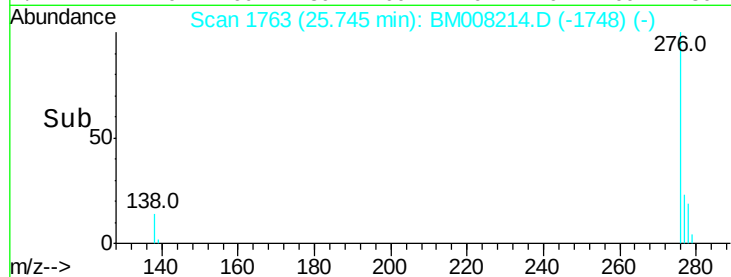
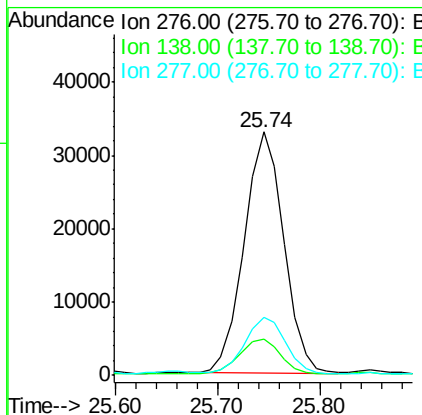
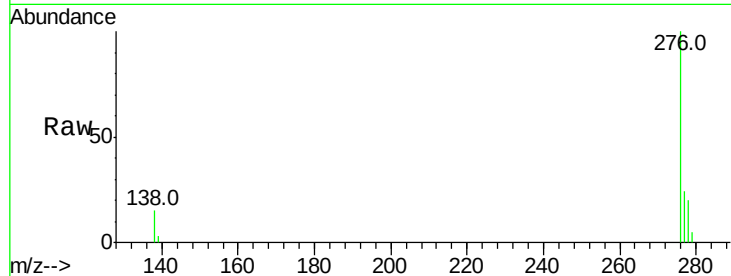
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.19 ng/ul
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.05 min
 Lab File: BM008214.D
 Acq: 09 Dec 2016 20:28

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	19.1	28.7#
277	23.9	19.6	29.4

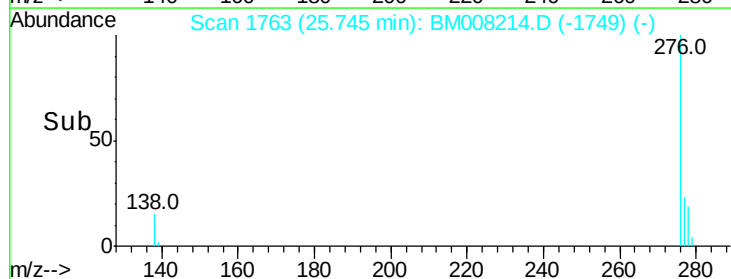
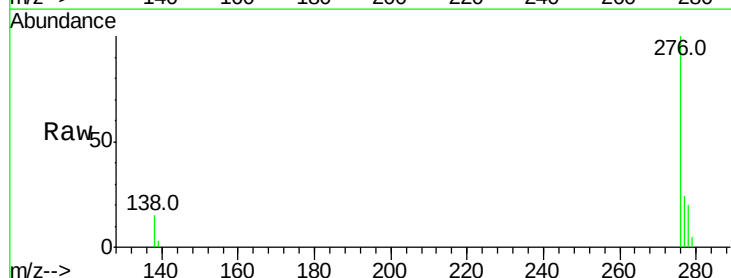
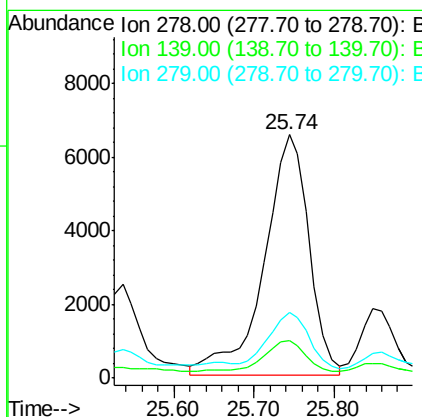
Manual Integrations
 APPROVED

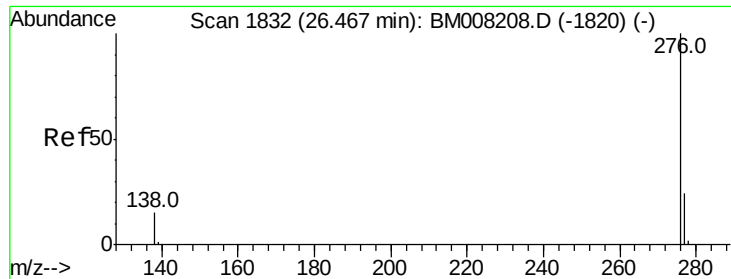
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#25
 Dibenzo(a,h)anthracene
 Concen: 3.27 ng/ul m
 RT: 25.74 min Scan# 1763
 Delta R.T. -0.06 min
 Lab File: BM008214.D
 Acq: 09 Dec 2016 20:28

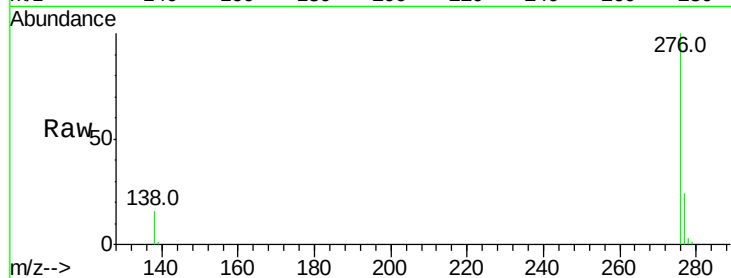
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	17.4	26.0#
279	26.8	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 9.54 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. -0.03 min
 Lab File: BM008214.D
 Acq: 09 Dec 2016 20:28

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y8



Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.8	32.8
138	15.7	20.5	30.7

Manual Integrations
 APPROVED

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