

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009125.D
 Acq On : 09 Mar 2017 02:48
 Operator : SJ/MA
 Sample : I2062-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Manual Integrations
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 3/9/2017 2:01:53 PM

Quant Time: Mar 09 05:41:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	358	0.40	ng/ul	0.02
2) Naphthalene-d8	10.69	136	1248	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2058m	0.40	ng/ul	0.02
16) Chrysene-d12	21.45	240	2354	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	1659m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	531	0.26	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1857	0.29	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	8261	2.30	ng/ul	95
5) 2-Methylnaphthalene	12.35	142	7108	2.75	ng/ul	100
7) Acenaphthylene	14.25	152	631	0.15	ng/ul#	66
8) Acenaphthene	14.59	153	289	0.09	ng/ul#	85
9) Fluorene	15.58	166	289	0.08	ng/ul#	82
12) Phenanthrene	17.31	178	9350	1.45	ng/ul	96
13) Anthracene	17.40	178	1313	0.21	ng/ul#	93
15) Fluoranthene	19.33	202	17996	2.14	ng/ul	93
17) Pyrene	19.69	202	18586	2.30	ng/ul	97
18) Benzo(a)anthracene	21.43	228	11039	1.41	ng/ul	100
19) Chrysene	21.48	228	11658	1.57	ng/ul	97
21) Benzo(b)fluoranthene	23.08	252	17530m	2.69	ng/ul	
22) Benzo(k)fluoranthene	23.12	252	4637m	0.80	ng/ul	
23) Benzo(a)pyrene	23.68	252	9724m	1.66	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.17	276	5713m	0.77	ng/ul	
25) Dibenzo(a,h)anthracene	26.18	278	1449m	0.23	ng/ul	
26) Benzo(g,h,i)perylene	26.91	276	5064m	0.80	ng/ul	

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

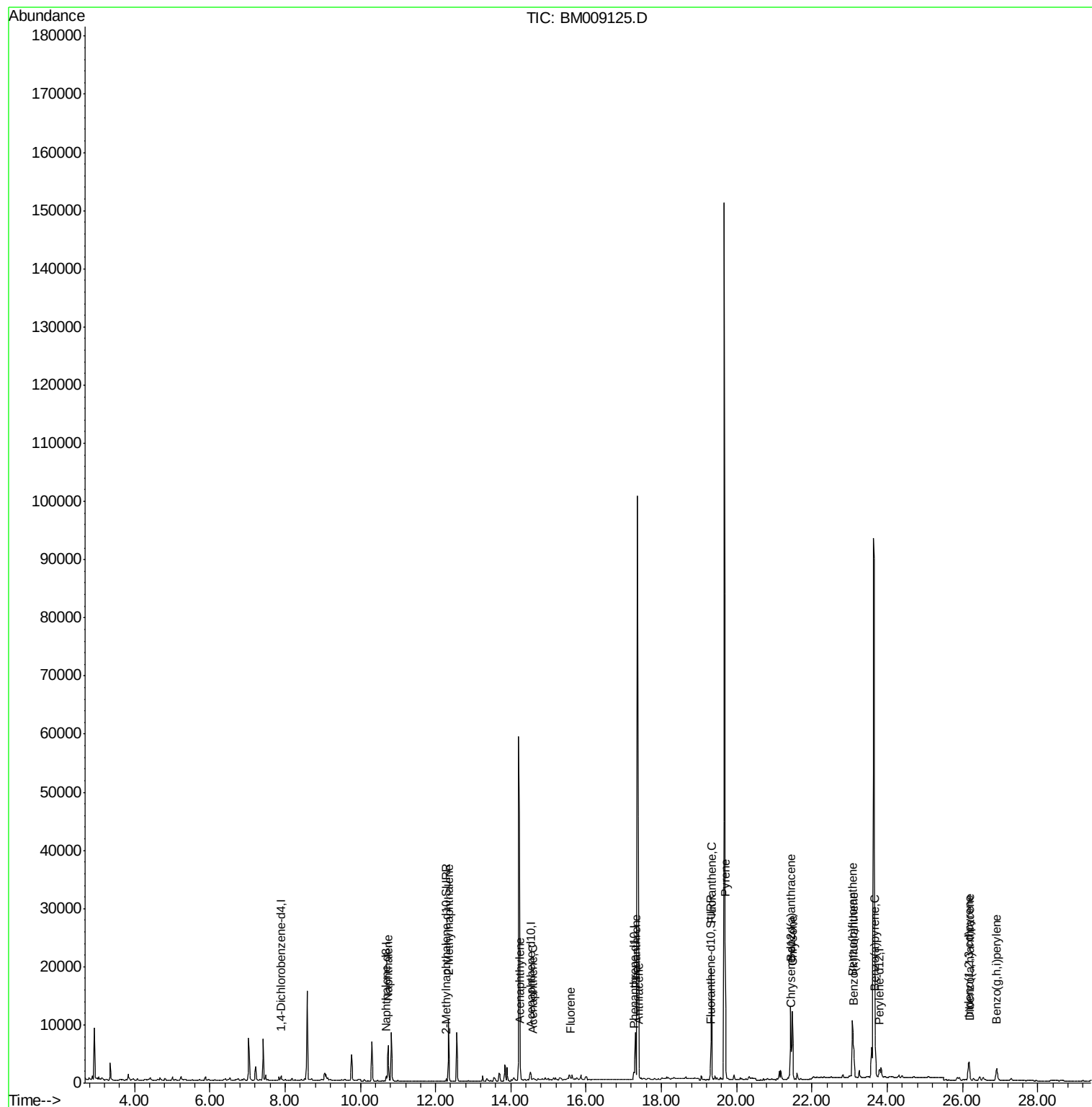
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
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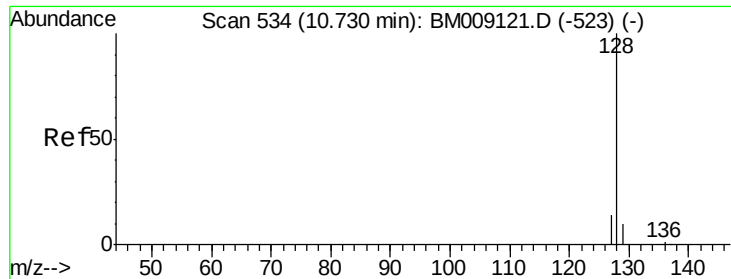
Instrument :
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QLast Update : Thu Mar 09 02:44:03 2017
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#3

Naphthalene

Concen: 2.30 ng/ul

RT: 10.74 min Scan# 535

Delta R.T. 0.01 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

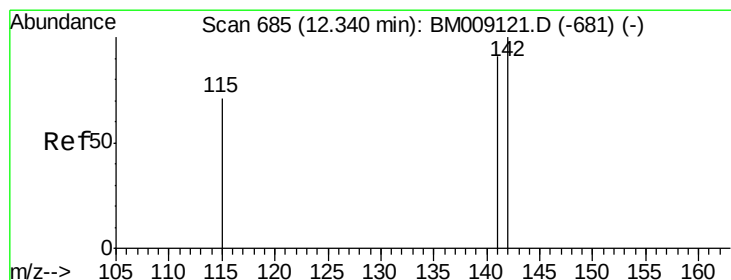
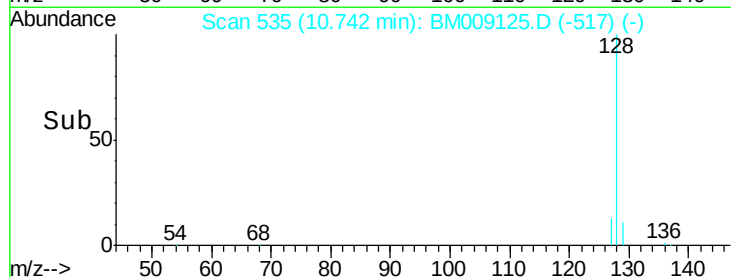
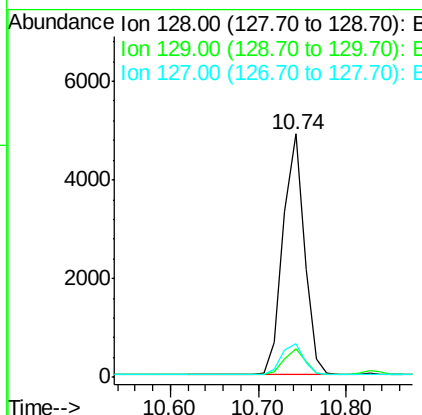
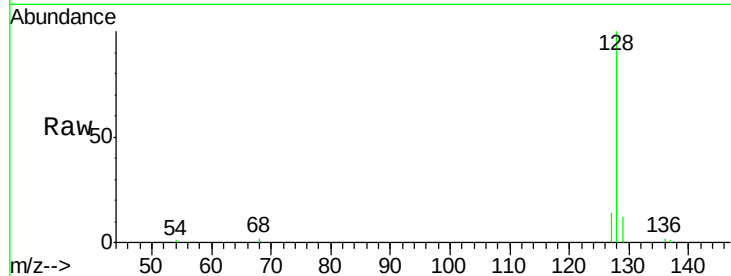
ClientSampleId :

C0AK6

Tgt Ion:	128	Resp:	8261
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.3	16.9
127	13.7	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 2.75 ng/ul

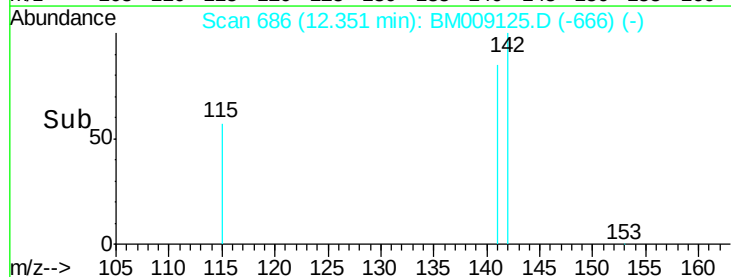
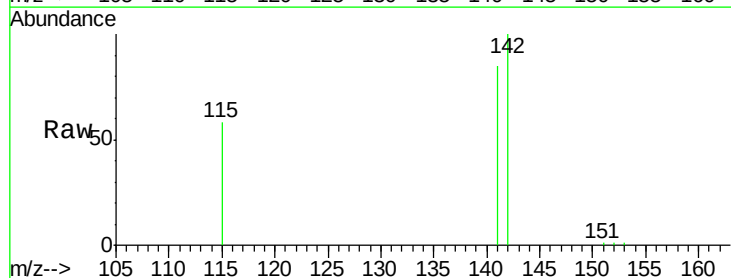
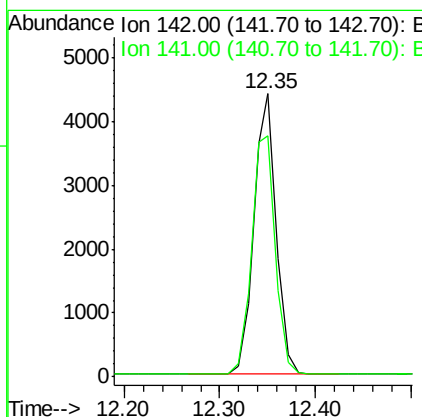
RT: 12.35 min Scan# 686

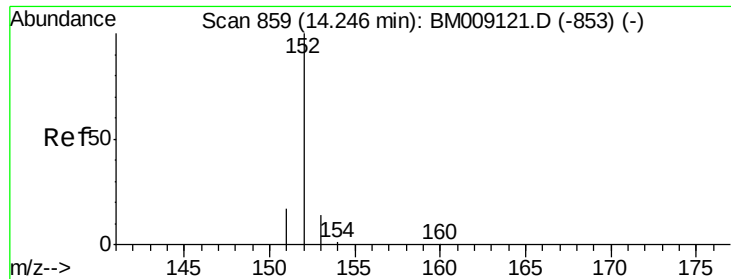
Delta R.T. 0.01 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Tgt Ion:	142	Resp:	7108
Ion Ratio	Lower	Upper	
142	100		
141	90.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.15 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

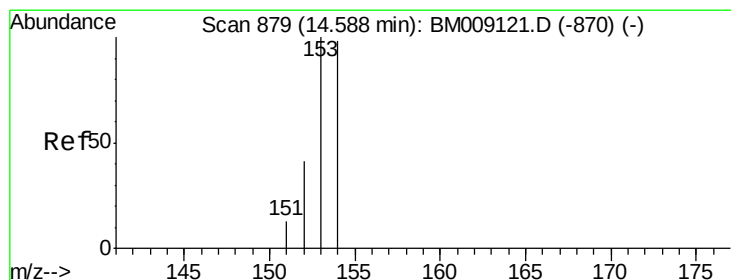
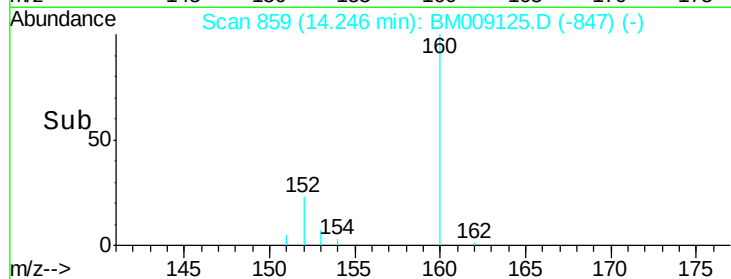
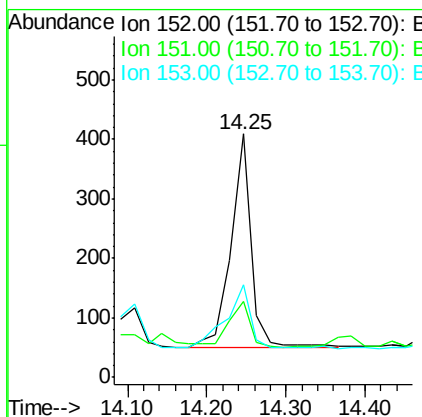
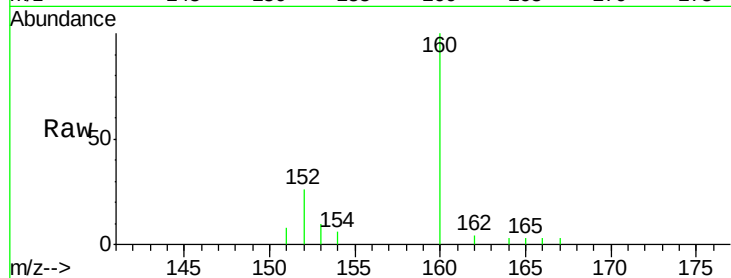
ClientSampled :

C0AK6

Tgt Ion:	152	Resp:	631
Ion Ratio	Lower	Upper	
152	100		
151	31.3	17.1	25.7#
153	37.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.09 ng/ul

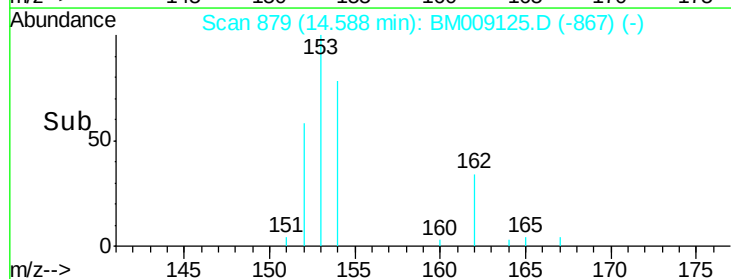
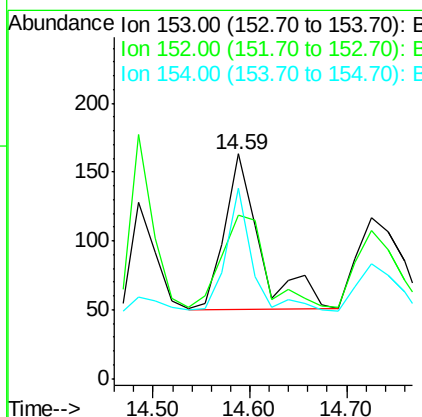
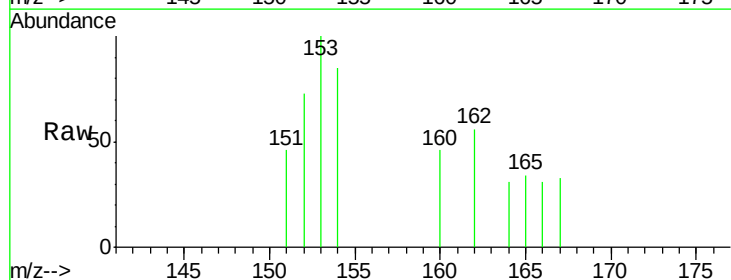
RT: 14.59 min Scan# 879

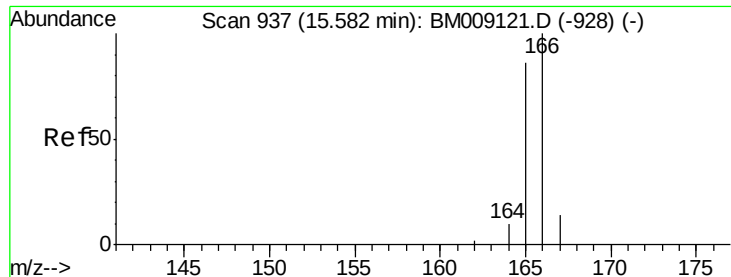
Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Tgt Ion:	153	Resp:	289
Ion Ratio	Lower	Upper	
153	100		
152	73.0	40.3	60.5#
154	84.7	71.4	107.2





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

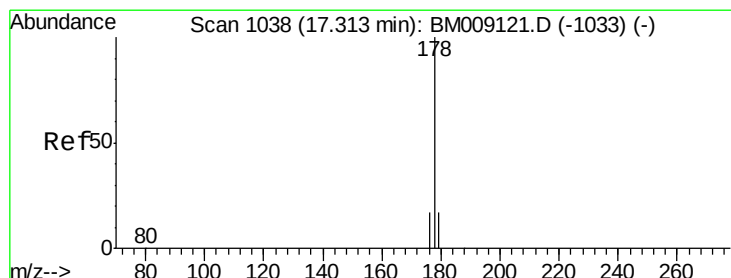
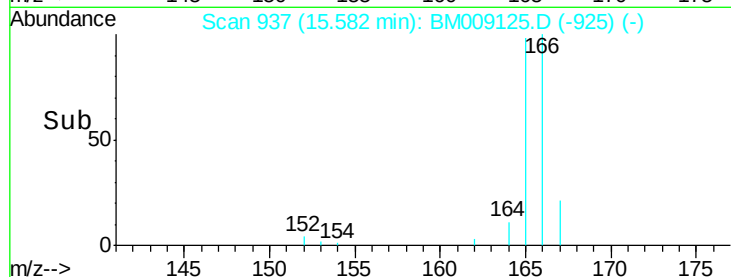
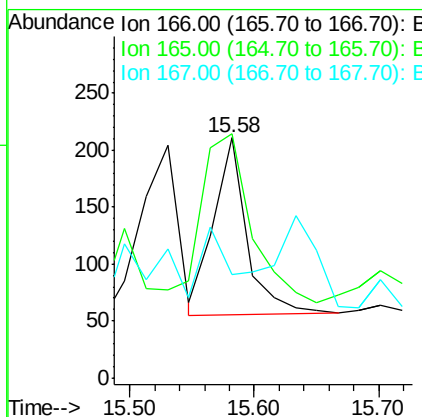
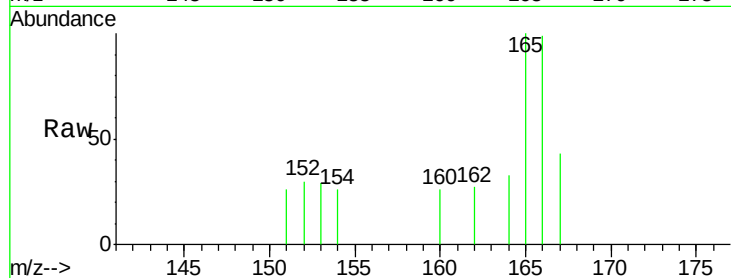
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	43.1	14.6	22.0

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#12

Phenanthrene

Concen: 1.45 ng/ul

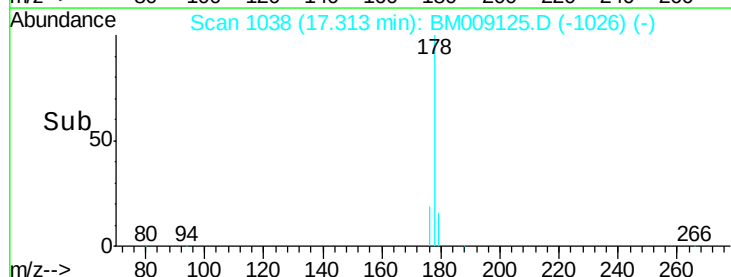
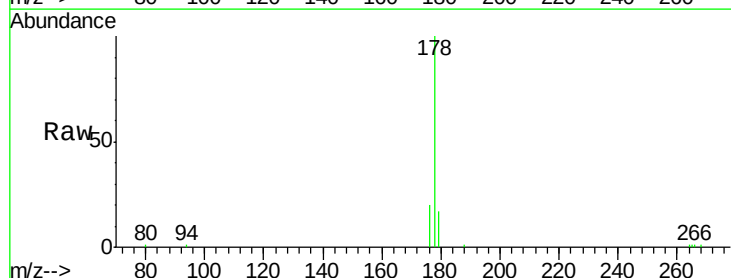
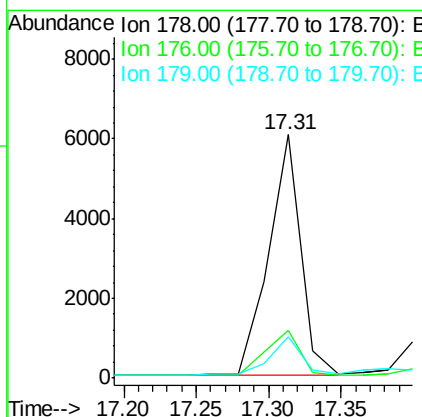
RT: 17.31 min Scan# 1038

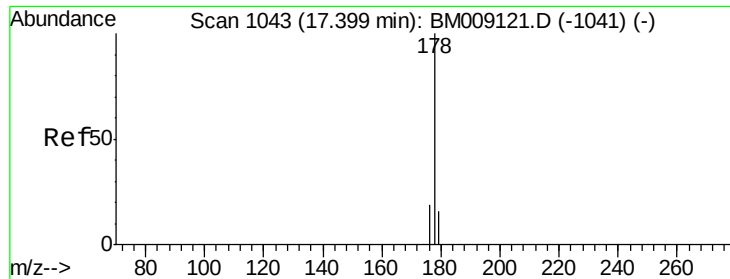
Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.4	27.6
179	17.0	13.6	20.4





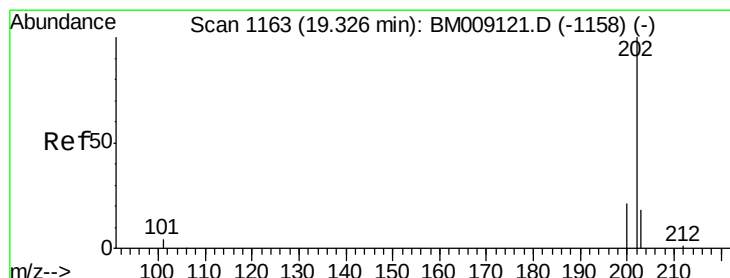
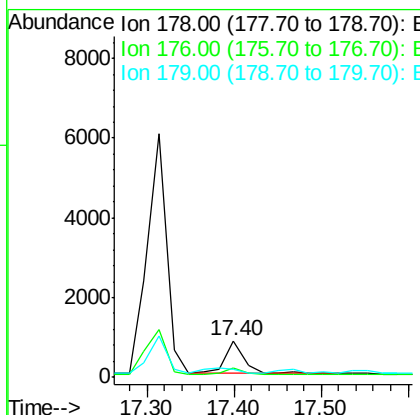
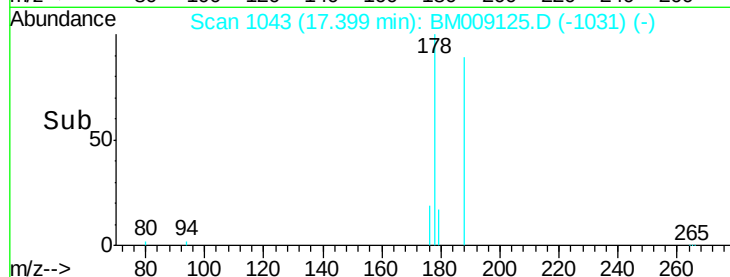
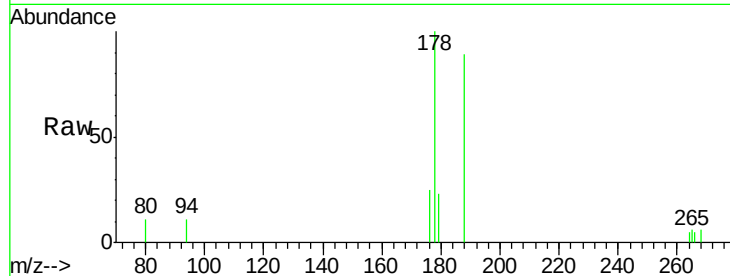
#13
 Anthracene
 Concen: 0.21 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Tgt Ion:178 Resp: 1313
 Ion Ratio Lower Upper
 178 100
 176 25.1 18.1 27.1
 179 22.9 14.7 22.1#

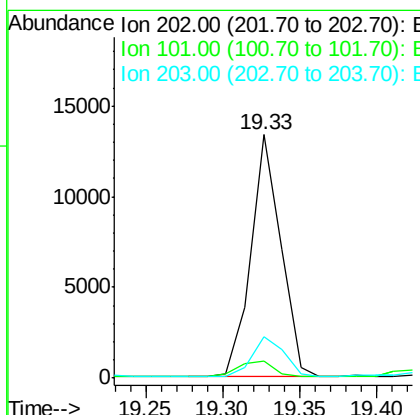
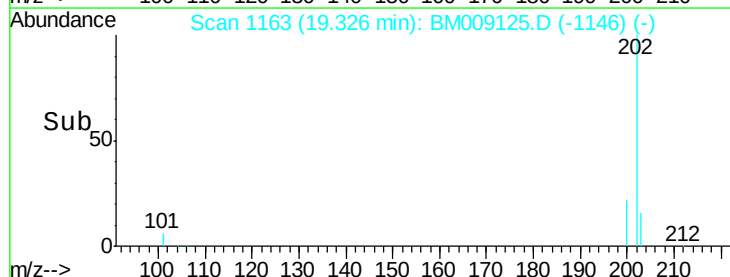
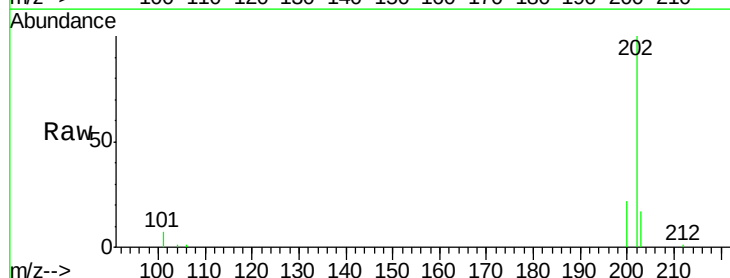
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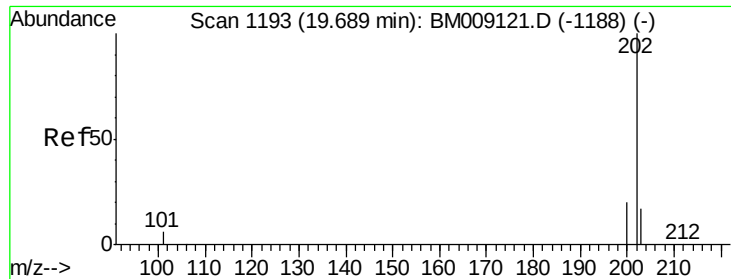
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#15
 Fluoranthene
 Concen: 2.14 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Tgt Ion:202 Resp: 17996
 Ion Ratio Lower Upper
 202 100
 101 7.0 0.0 30.3
 203 16.9 0.0 39.5





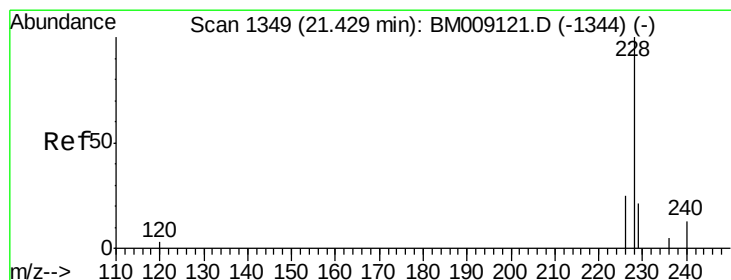
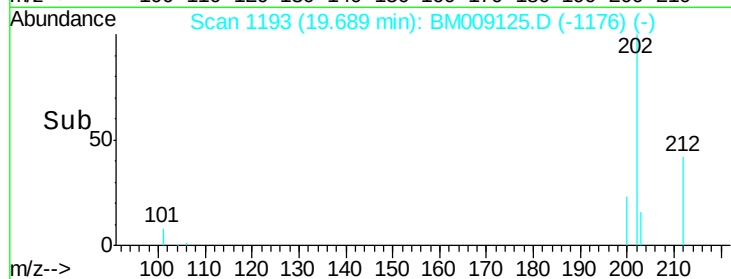
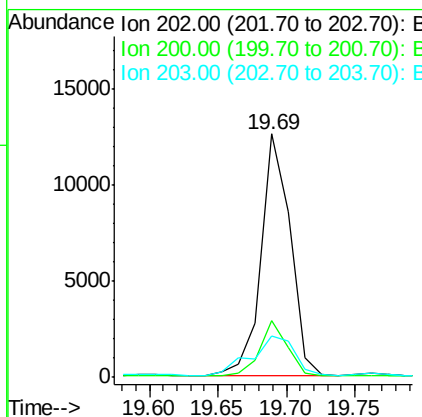
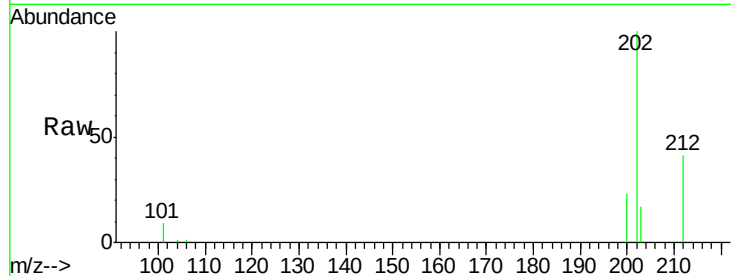
#17
 Pyrene
 Concen: 2.30 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.2	27.4
203	17.0	15.6	23.4

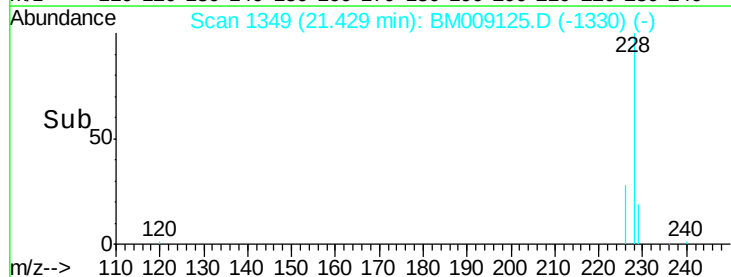
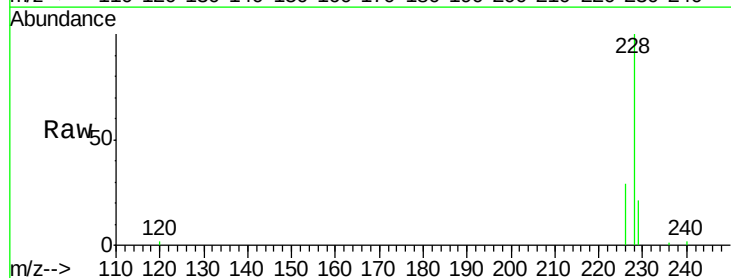
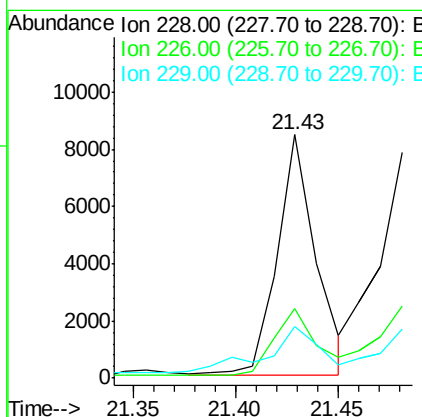
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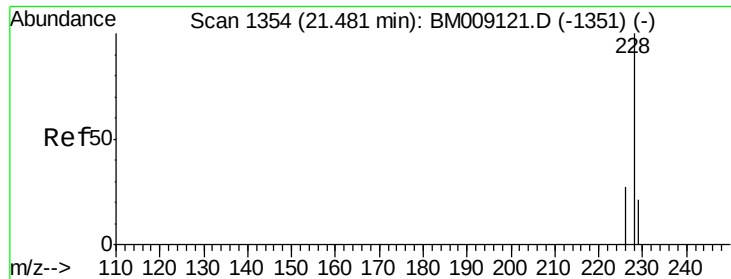
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#18
 Benzo(a)anthracene
 Concen: 1.41 ng/ul
 RT: 21.43 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	21.3	17.0	25.6





#19

Chrysene

Concen: 1.57 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Instrument :

BNA_M

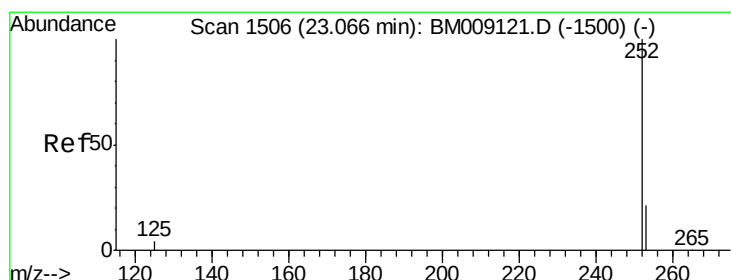
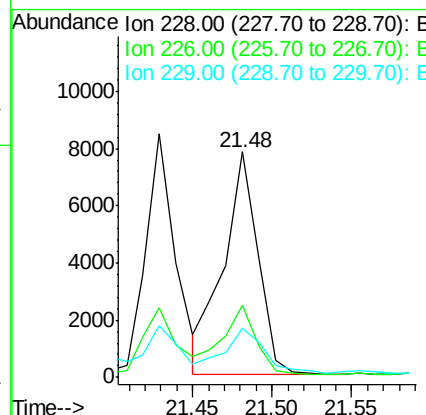
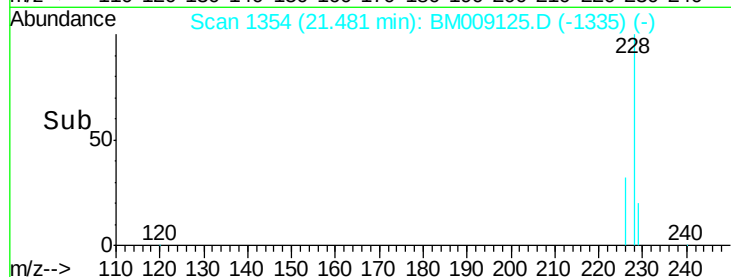
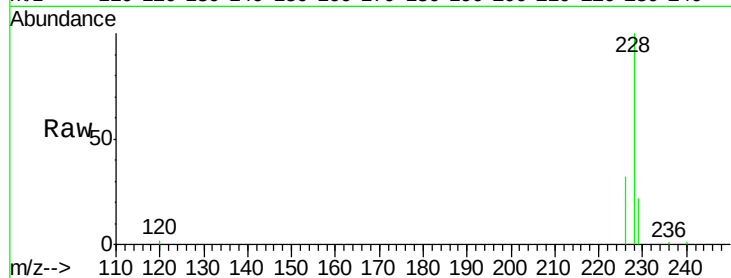
ClientSampleId :

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Tgt Ion:	228	Resp:	11658
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.69 ng/ul m

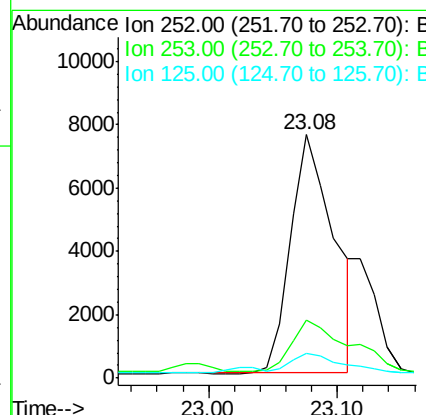
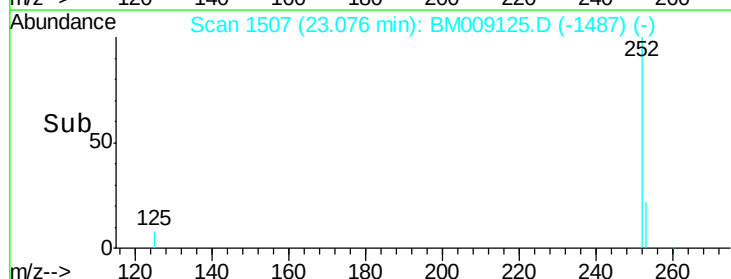
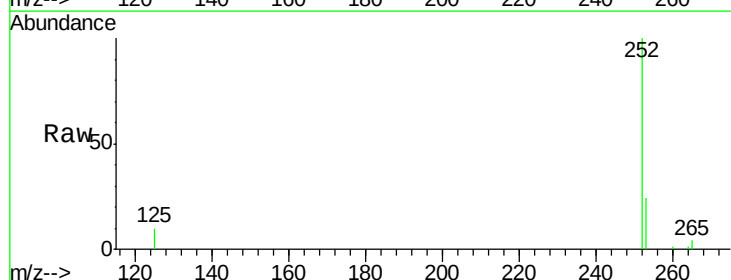
RT: 23.08 min Scan# 1507

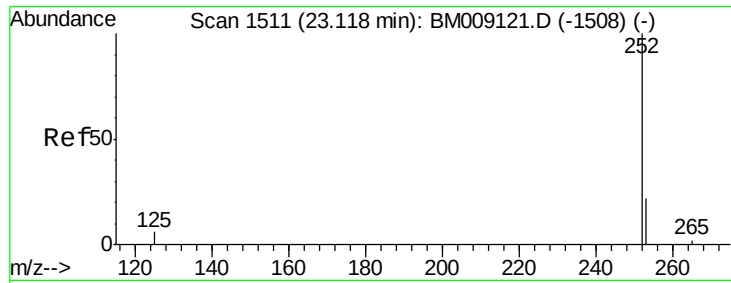
Delta R.T. 0.01 min

Lab File: BM009125.D

Acq: 09 Mar 2017 02:48

Tgt Ion:	252	Resp:	17530
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	10.3	0.0	35.0





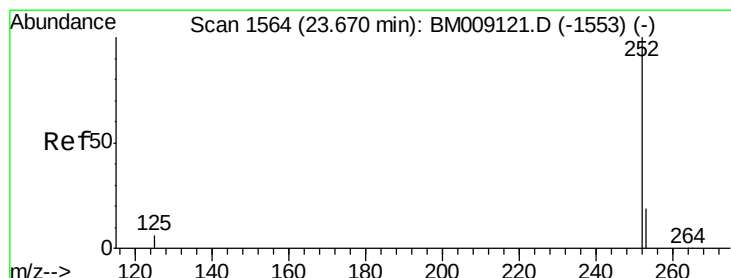
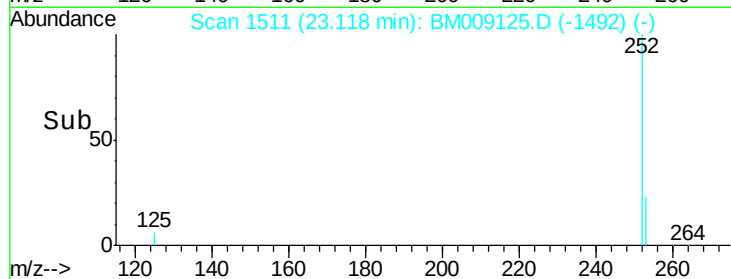
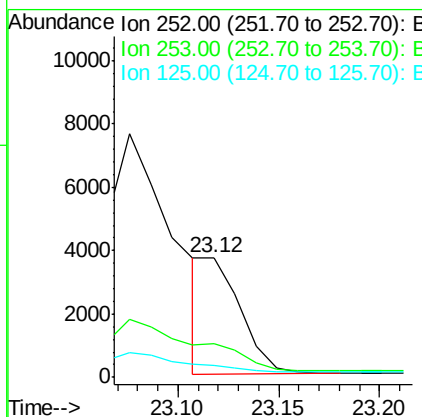
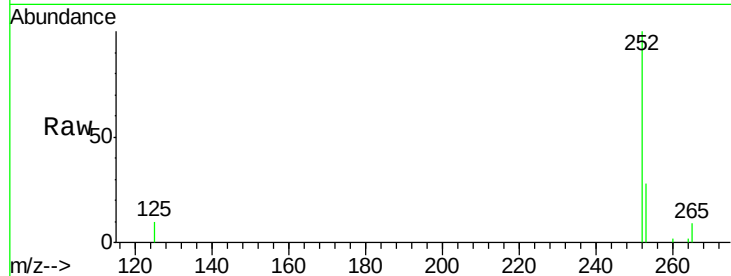
#22
Benzo(k)fluoranthene
Concen: 0.80 ng/ul m
RT: 23.12 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BM009125.D
Acq: 09 Mar 2017 02:48

Instrument :
BNA_M
ClientSampled :
C0AK6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	24.5	36.7
125	9.8	13.7	20.5

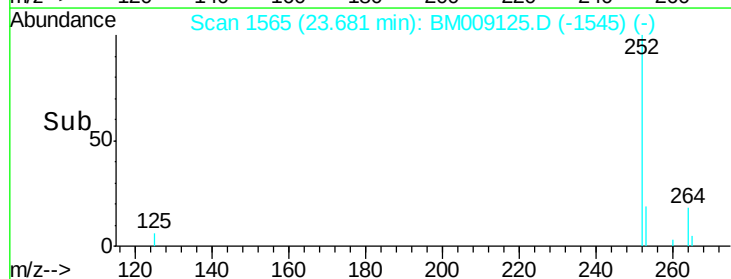
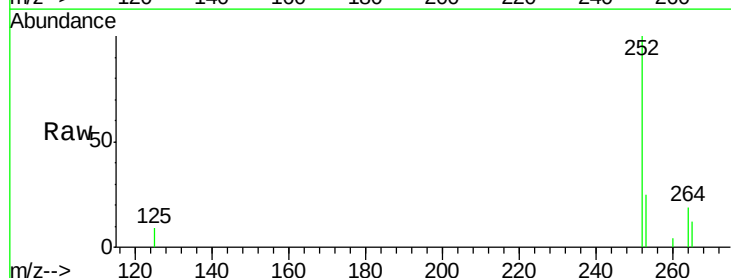
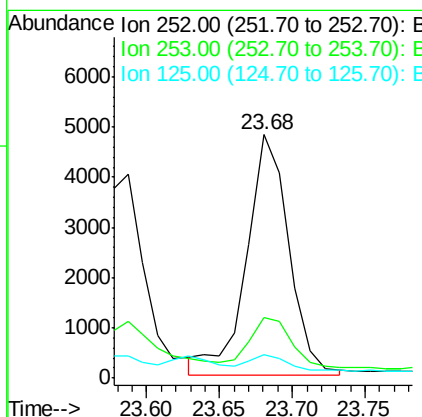
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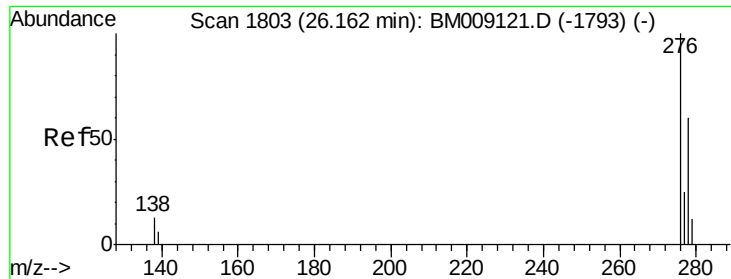
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#23
Benzo(a)pyrene
Concen: 1.66 ng/ul m
RT: 23.68 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM009125.D
Acq: 09 Mar 2017 02:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7
125	9.4	18.1	27.1





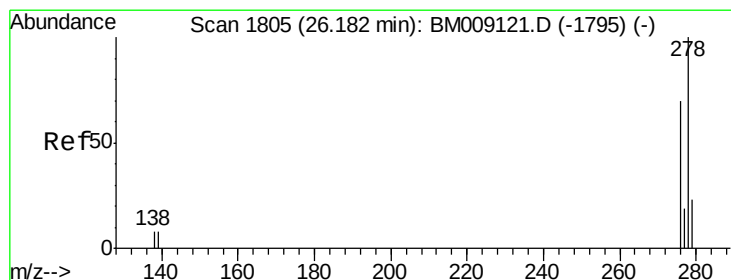
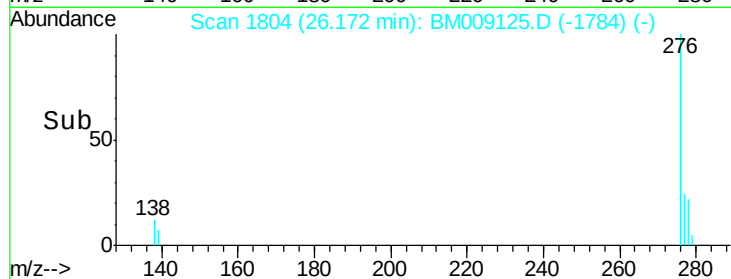
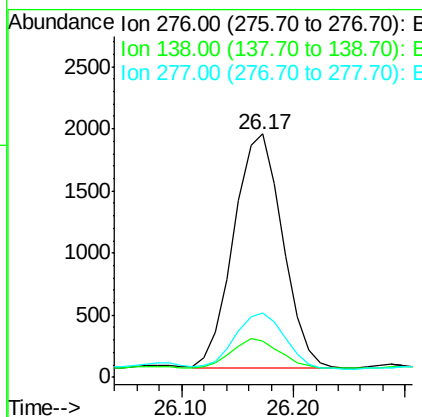
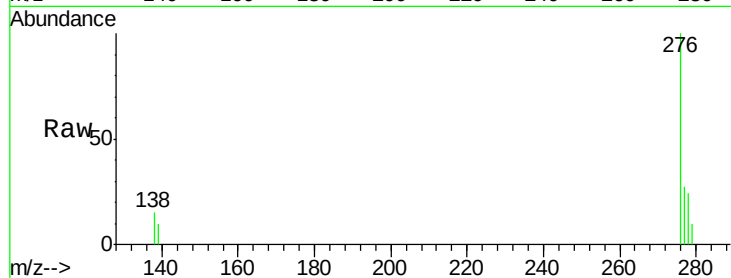
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.77 ng/ul m
 RT: 26.17 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

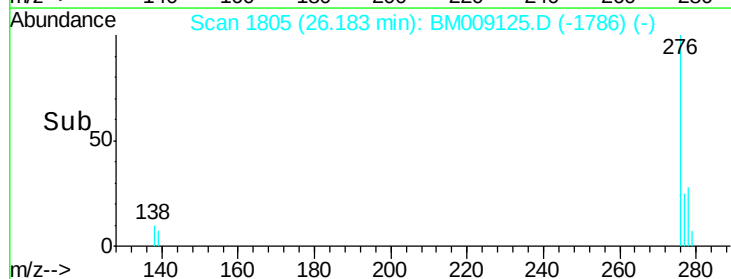
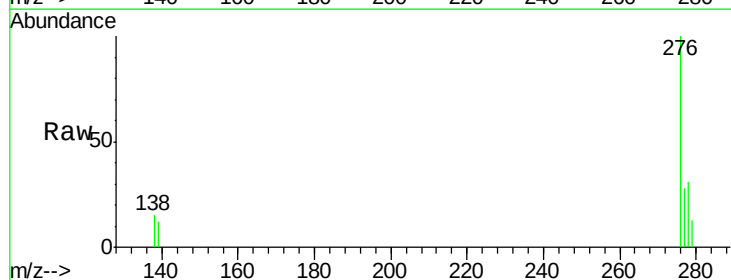
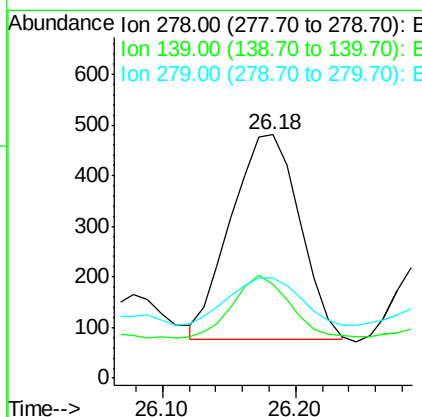
Manual Integrations
 APPROVED

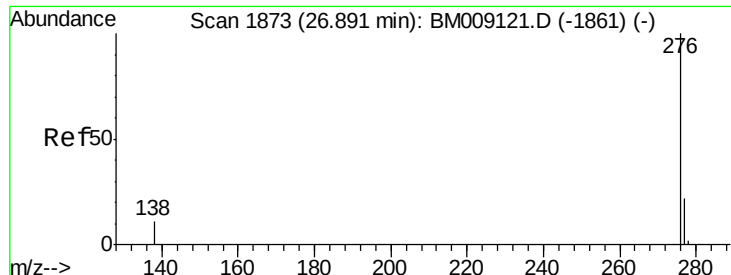
mohammad
 3/9/2017 2:01:53 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.23 ng/ul m
 RT: 26.18 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

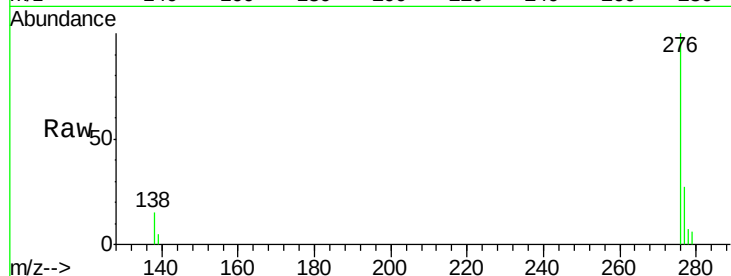
Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.7	17.4	26.0#
279	41.4	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.80 ng/ul m
 RT: 26.91 min Scan# 1875
 Delta R.T. 0.02 min
 Lab File: BM009125.D
 Acq: 09 Mar 2017 02:48

Instrument :
 BNA_M
 ClientSampleId :
 C0AK6



Tgt Ion:	276	Resp:	5064
Ion Ratio	Lower	Upper	
276	100		
277	27.0	21.8	32.8
138	14.7	20.5	30.7#

Manual Integrations
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