

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009163.D
 Acq On : 10 Mar 2017 01:45
 Operator : SJ/MA
 Sample : I2062-06DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Manual Integrations
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mohammad
 3/10/2017 6:01:53 PM

Quant Time: Mar 10 04:11:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 10 03:16:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	224	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	883	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1213	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1225	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	67	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	198	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	5875	3.00	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	2252	1.60	ng/ul	99
7) Acenaphthylene	14.23	152	1168	0.57	ng/ul#	87
8) Acenaphthene	14.57	153	2718	1.74	ng/ul	88
9) Fluorene	15.56	166	7075	3.86	ng/ul#	80
12) Phenanthrene	17.30	178	56314	20.31	ng/ul	97
13) Anthracene	17.40	178	14553	5.31	ng/ul#	93
15) Fluoranthene	19.33	202	58407	16.15	ng/ul	93
17) Pyrene	19.69	202	46029	11.03	ng/ul	95
18) Benzo(a)anthracene	21.42	228	27286	6.77	ng/ul	95
19) Chrysene	21.47	228	18973	4.96	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	25235m	5.24	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	8294m	1.95	ng/ul	
23) Benzo(a)pyrene	23.67	252	17409	4.02	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	26.15	276	9293	1.69	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.16	278	2667	0.58	ng/ul#	93
26) Benzo(g,h,i)perylene	26.89	276	7181	1.53	ng/ul#	88

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

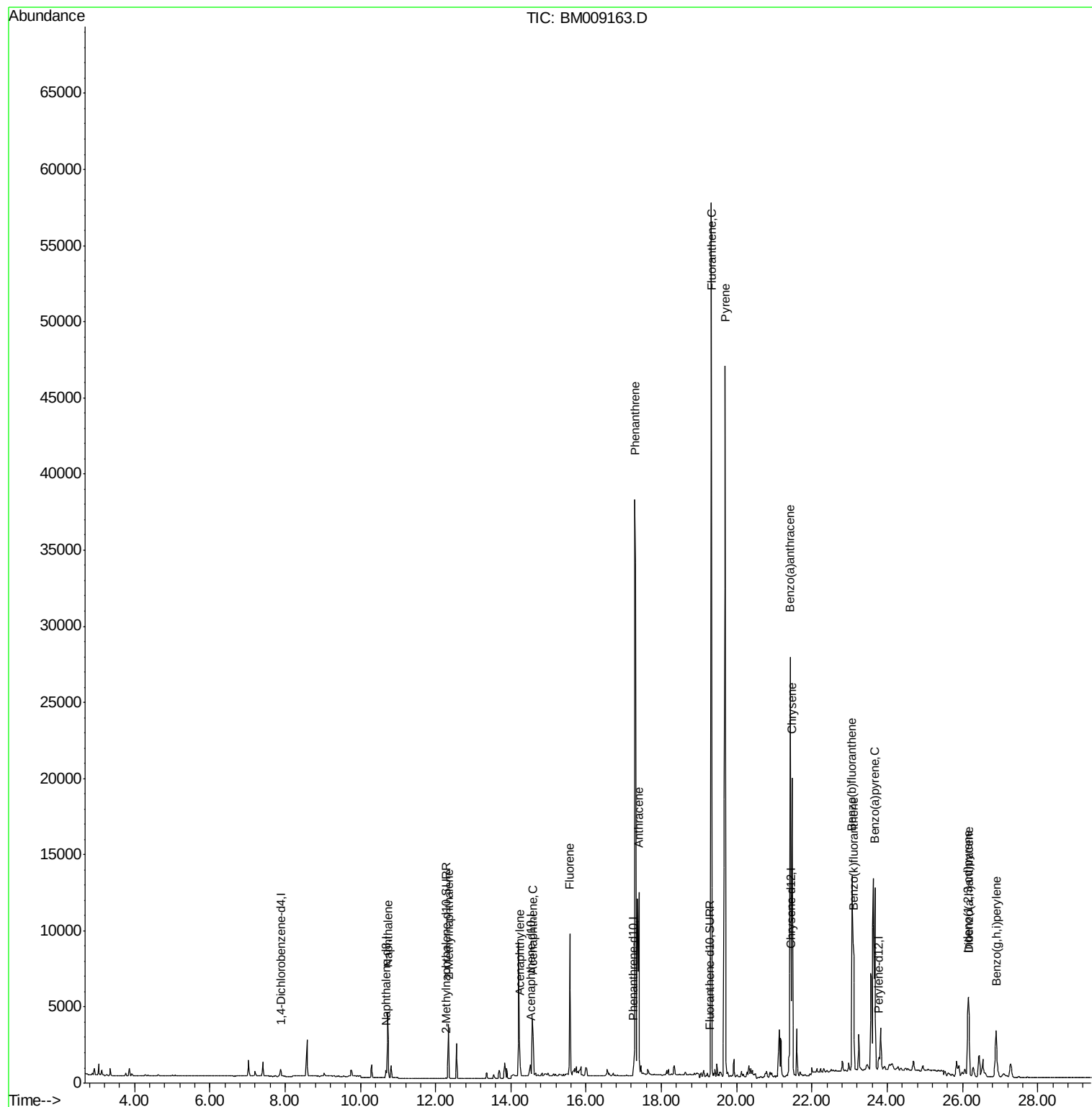
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
Data File : BM009163.D
Acq On : 10 Mar 2017 01:45
Operator : SJ/MA
Sample : I2062-06DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

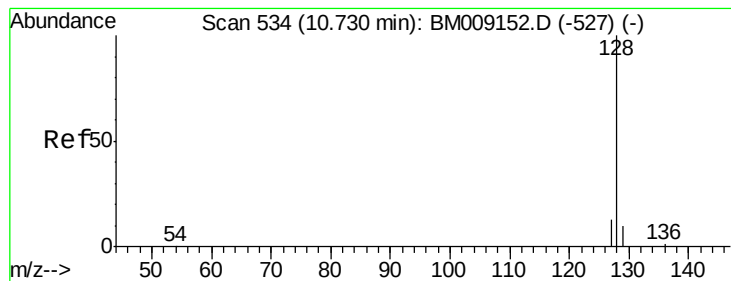
Instrument :
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Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Fri Mar 10 03:16:46 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.00 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

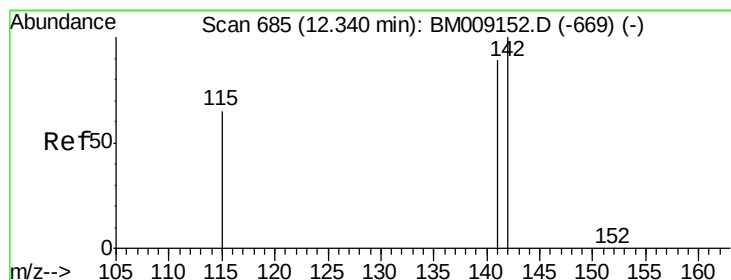
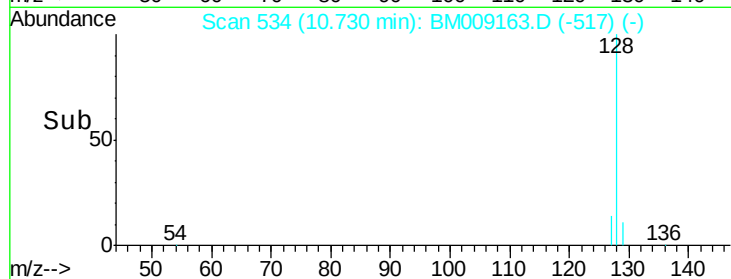
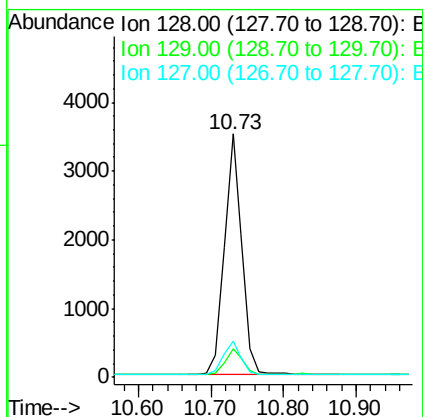
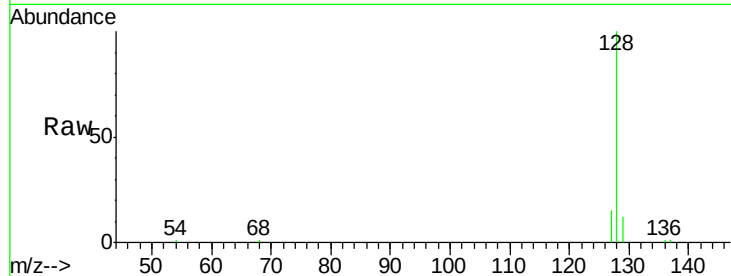
ClientSampleId :

C0AC7DL

Tgt Ion:	128	Resp:	5875
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.3	16.9
127	14.9	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 1.60 ng/ul

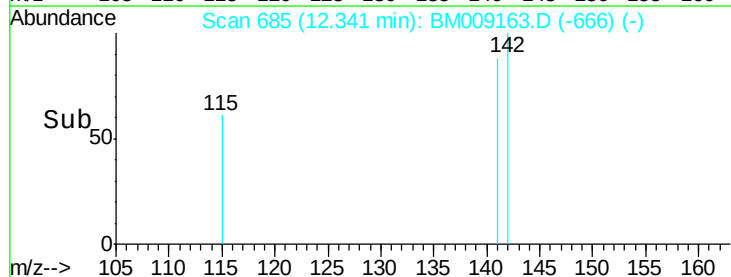
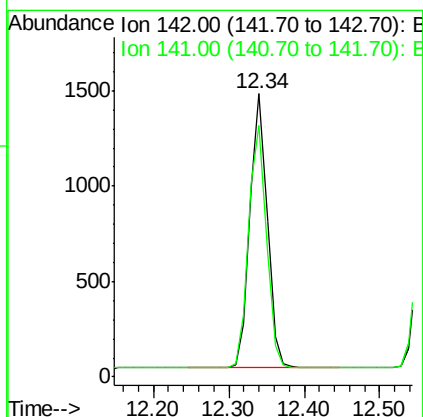
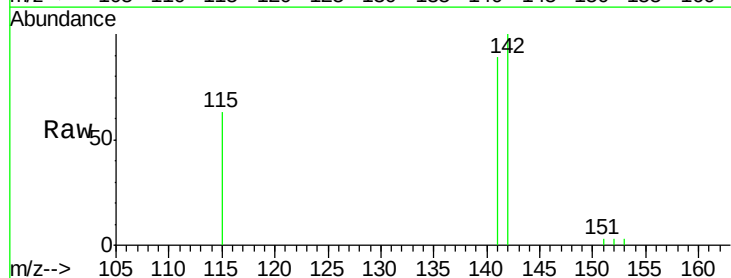
RT: 12.34 min Scan# 685

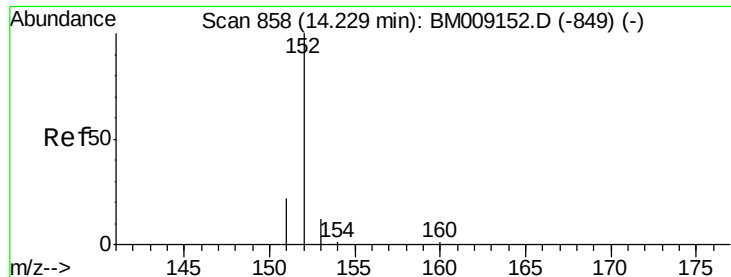
Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:	142	Resp:	2252
Ion Ratio	Lower	Upper	
142	100		
141	91.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.57 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

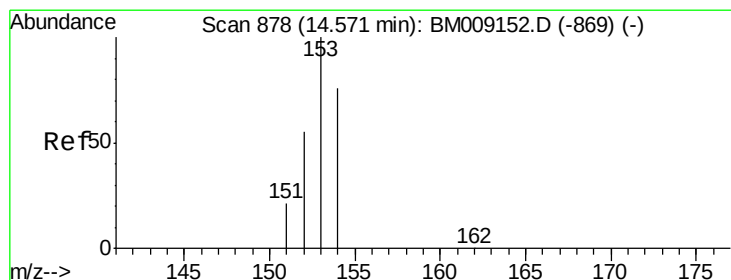
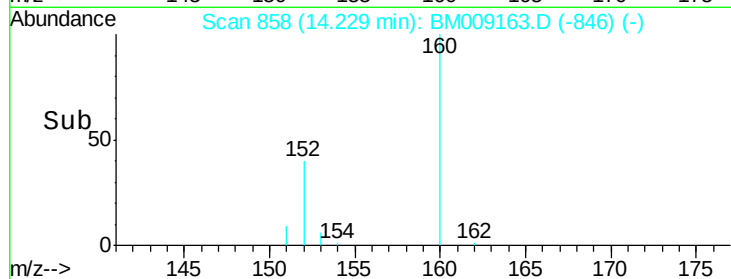
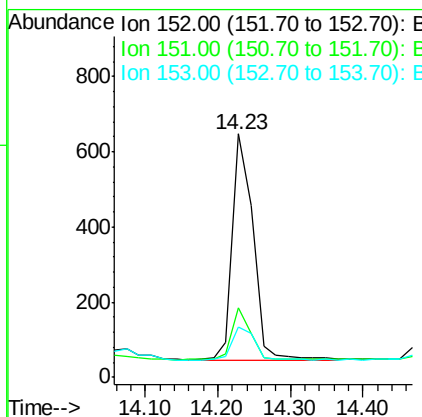
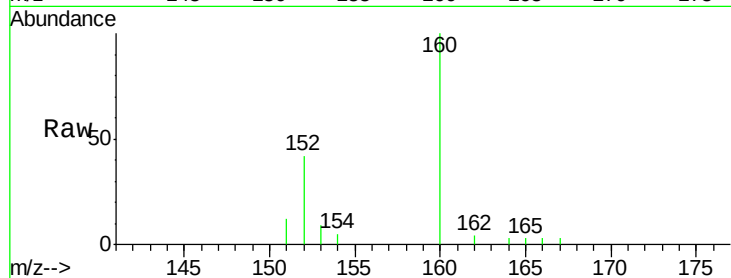
ClientSampleId :

C0AC7DL

Tgt Ion:	152	Resp:	1168
Ion Ratio	Lower	Upper	
152	100		
151	28.4	17.1	25.7#
153	20.5	12.8	19.2#

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#8

Acenaphthene

Concen: 1.74 ng/ul

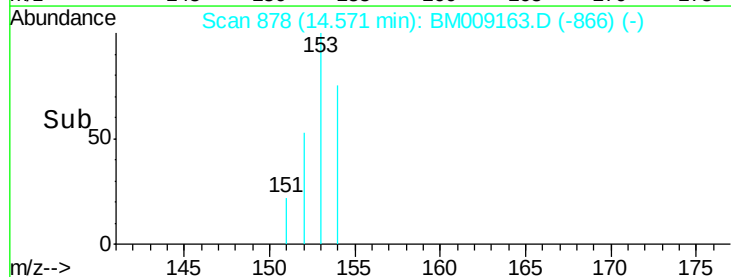
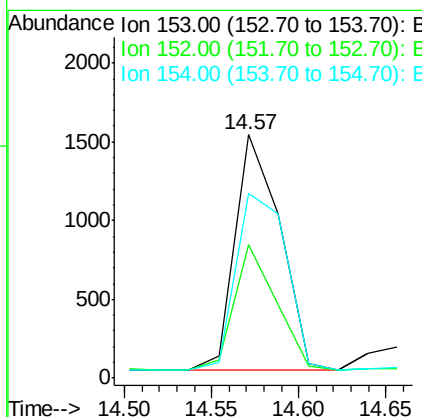
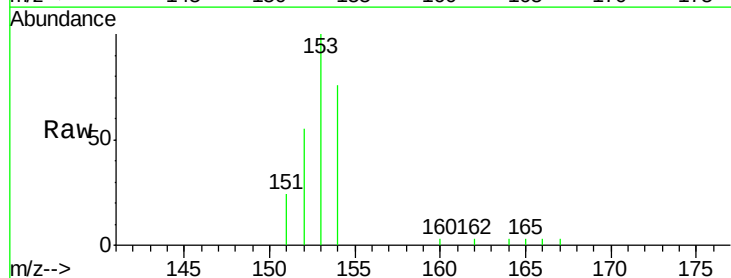
RT: 14.57 min Scan# 878

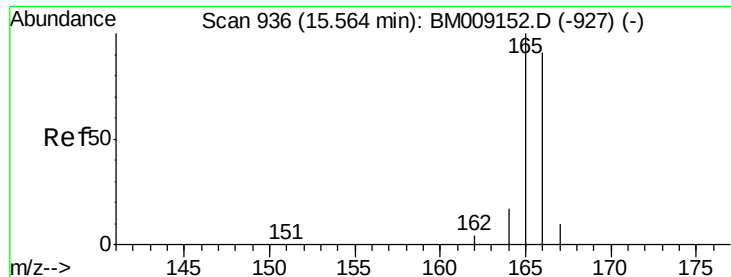
Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:	153	Resp:	2718
Ion Ratio	Lower	Upper	
153	100		
152	55.0	40.3	60.5
154	75.8	71.4	107.2





#9

Fluorene

Concen: 3.86 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

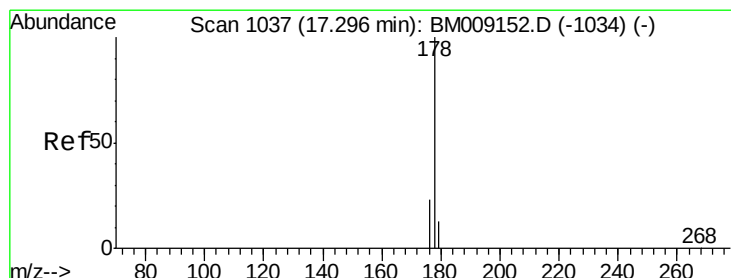
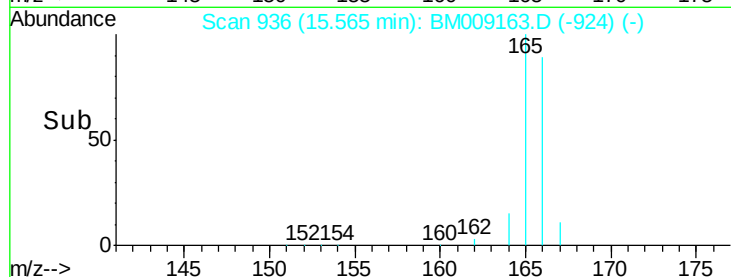
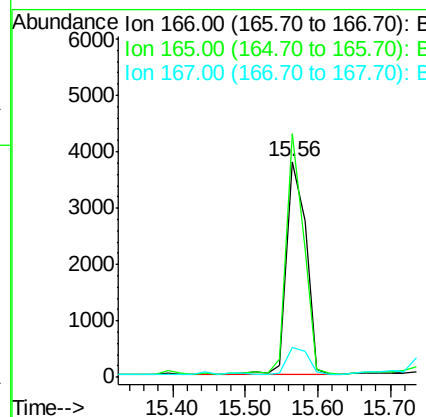
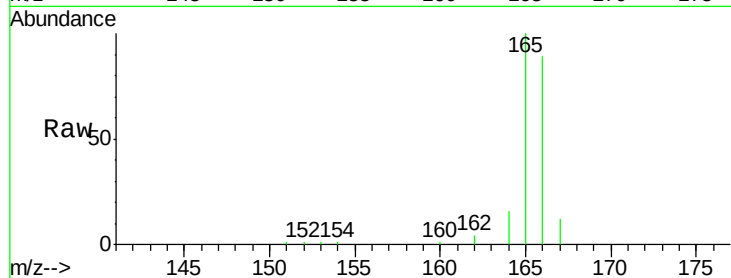
ClientSampleId :

C0AC7DL

Tgt Ion:	166	Resp:	7075
Ion Ratio	Lower	Upper	
166	100		
165	112.9	73.4	110.2#
167	13.6	14.6	22.0#

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#12

Phenanthrene

Concen: 20.31 ng/ul

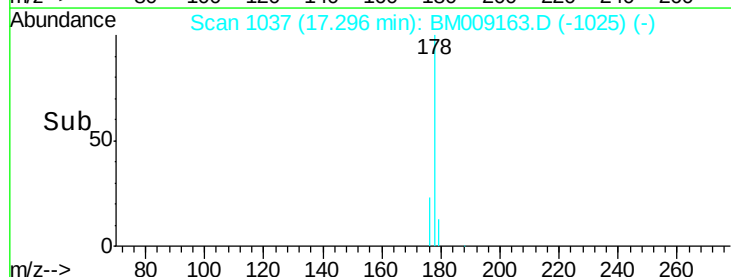
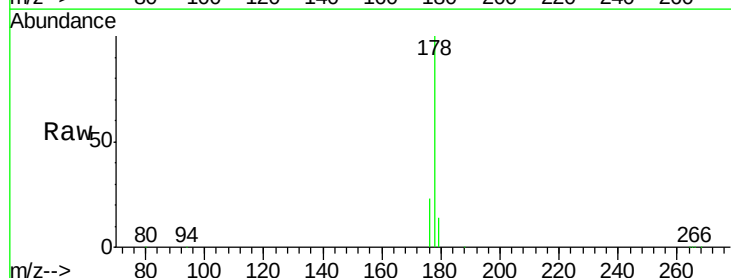
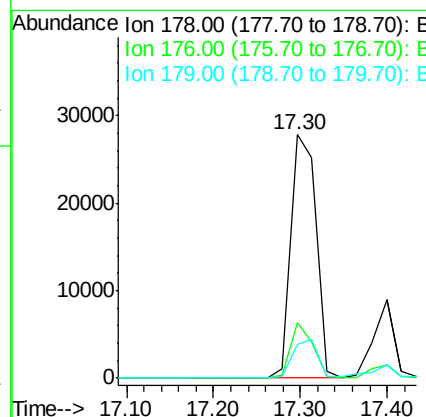
RT: 17.30 min Scan# 1037

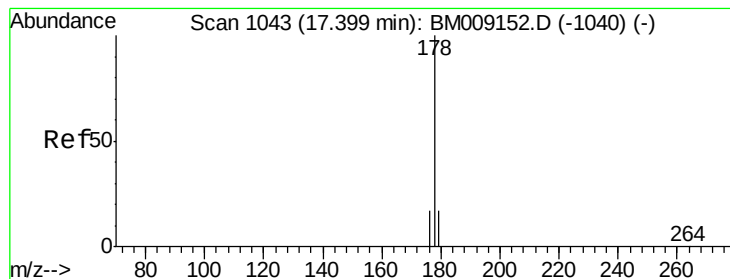
Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:	178	Resp:	56314
Ion Ratio	Lower	Upper	
178	100		
176	22.9	18.4	27.6
179	13.6	13.6	20.4





#13

Anthracene

Concen: 5.31 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

ClientSampleId :

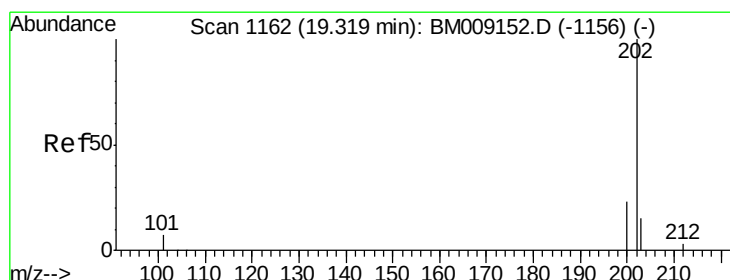
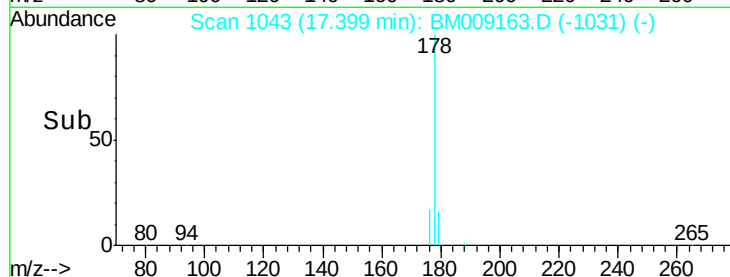
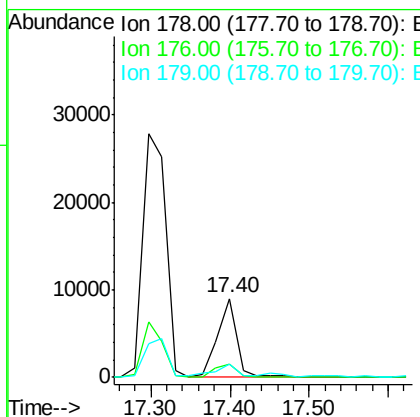
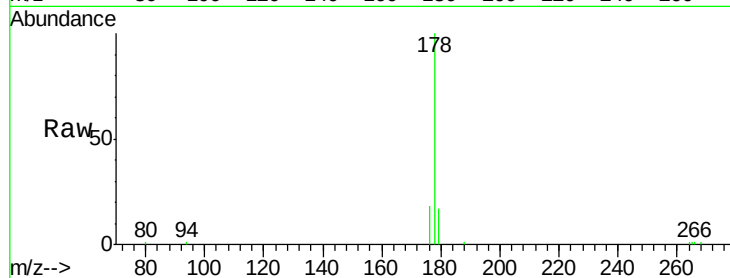
C0AC7DL

Tgt Ion:178 Resp: 14553

Ion	Ratio	Lower	Upper
178	100		
176	17.6	18.1	27.1#
179	16.8	14.7	22.1

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#15

Fluoranthene

Concen: 16.15 ng/ul

RT: 19.33 min Scan# 1163

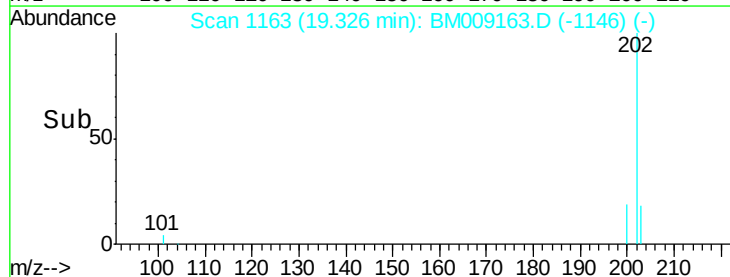
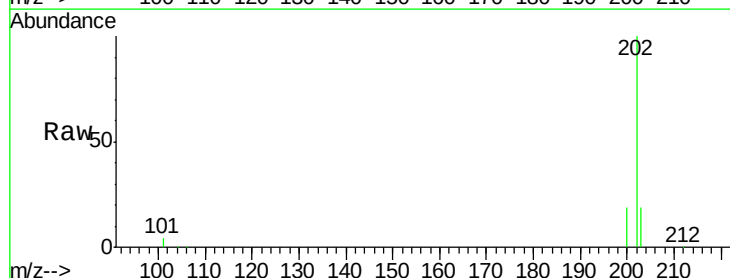
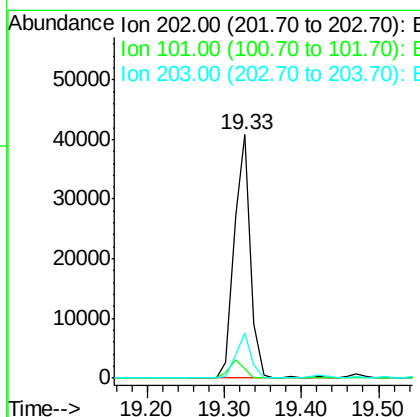
Delta R.T. 0.01 min

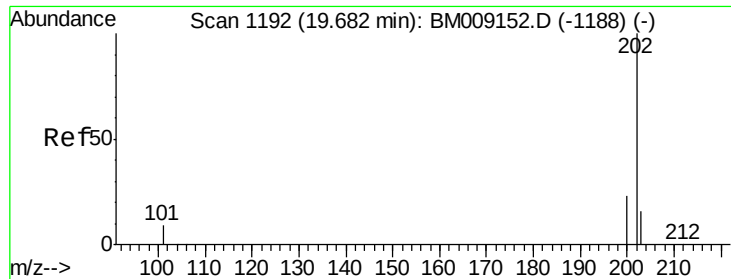
Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:202 Resp: 58407

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	30.3
203	18.6	0.0	39.5





#17

Pyrene

Concen: 11.03 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

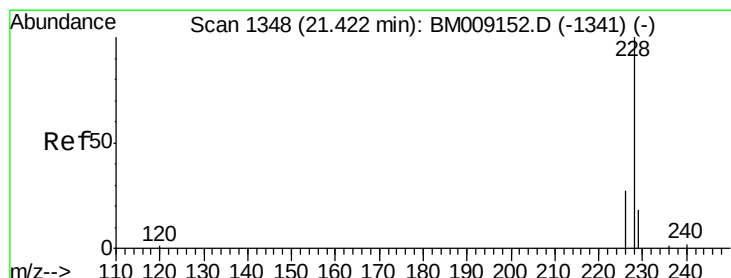
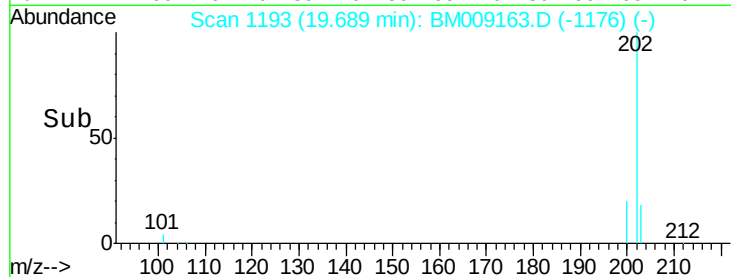
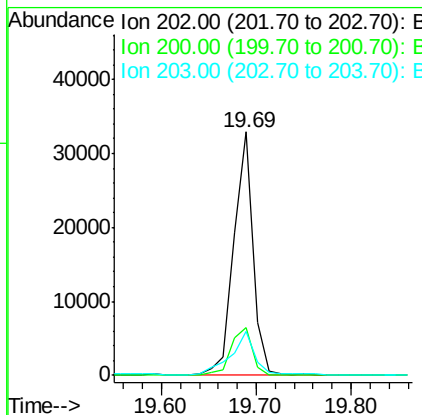
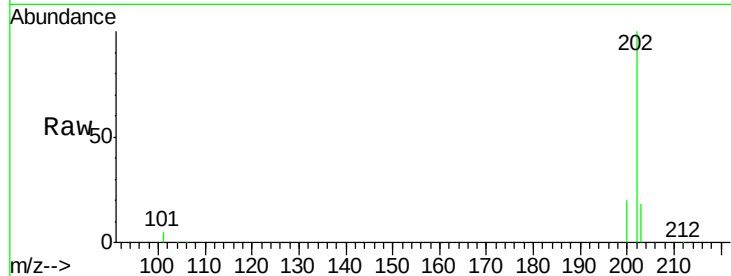
ClientSampleId :

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Tgt Ion:	202	Resp:	46029
Ion Ratio	Lower	Upper	
202	100		
200	19.7	18.2	27.4
203	18.0	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 6.77 ng/ul

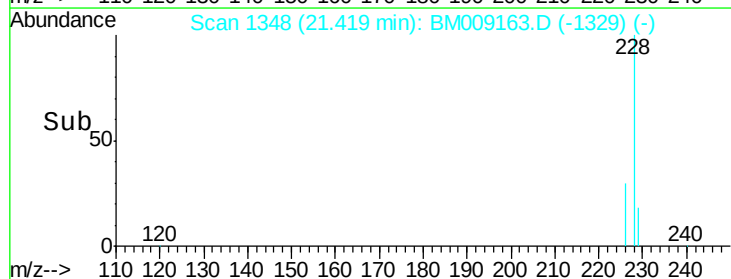
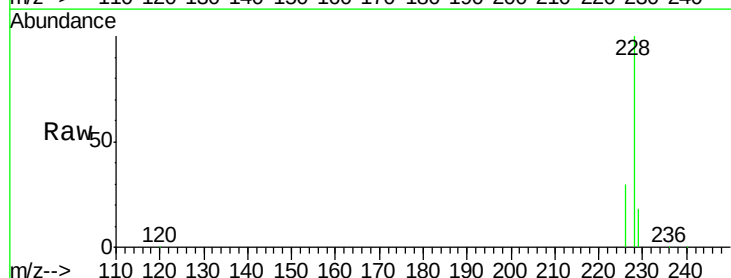
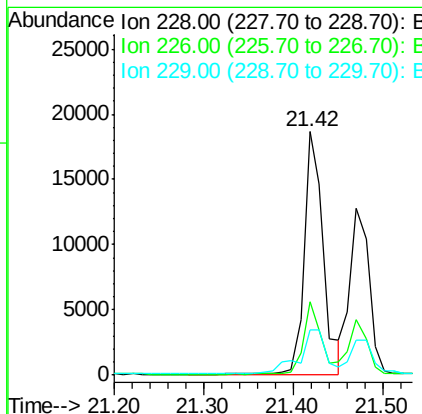
RT: 21.42 min Scan# 1348

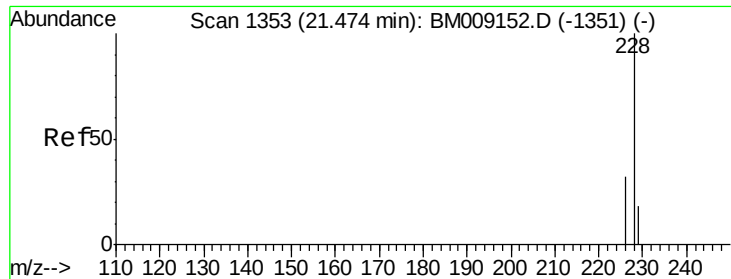
Delta R.T. -0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:	228	Resp:	27286
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.8	34.2
229	18.5	17.0	25.6





#19

Chrysene

Concen: 4.96 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

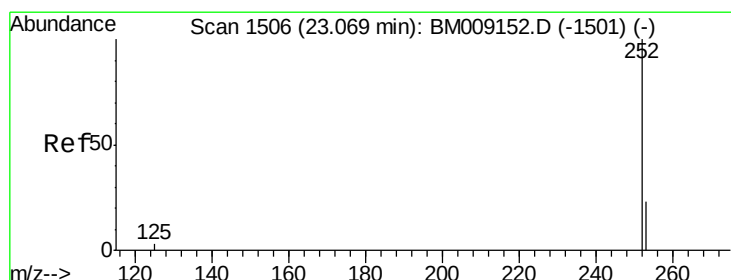
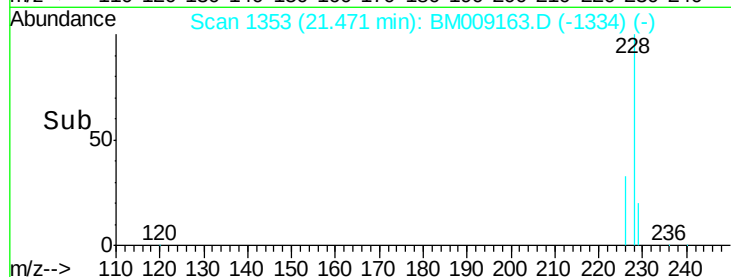
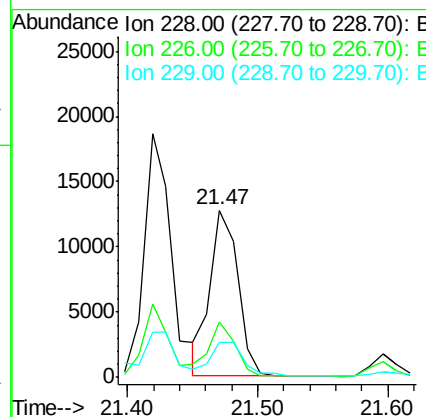
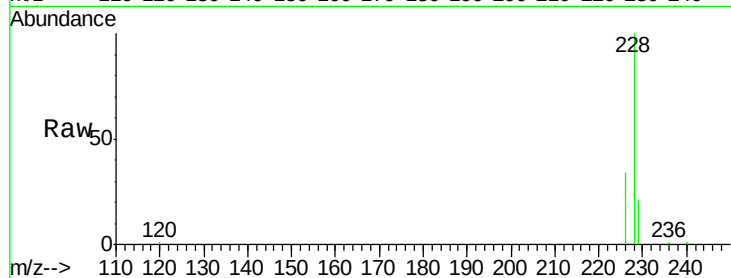
ClientSampleId :

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Tgt Ion:	228	Resp:	18973
Ion Ratio	Lower	Upper	
228	100		
226	33.5	23.4	35.0
229	21.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.24 ng/ul m

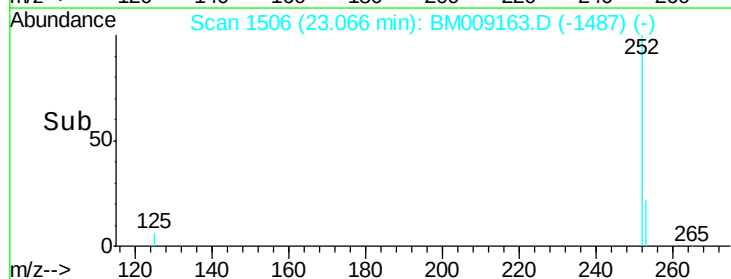
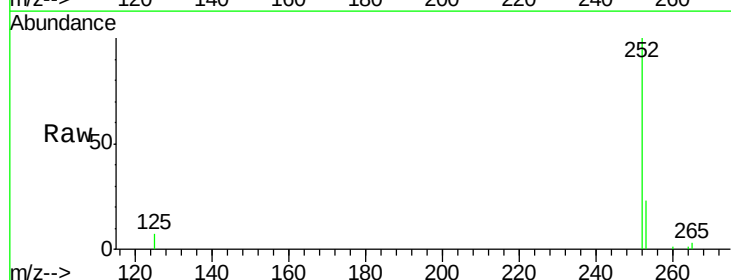
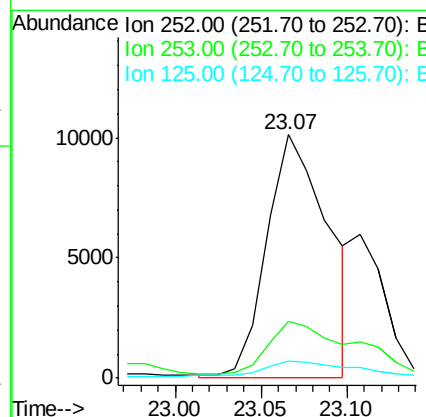
RT: 23.07 min Scan# 1506

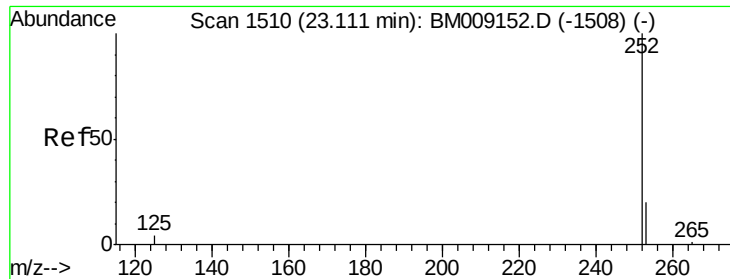
Delta R.T. -0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion:	252	Resp:	25235
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	6.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.95 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Instrument :

BNA_M

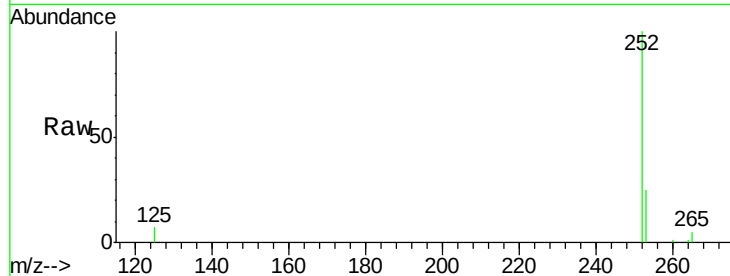
ClientSampled :

C0AC7DL

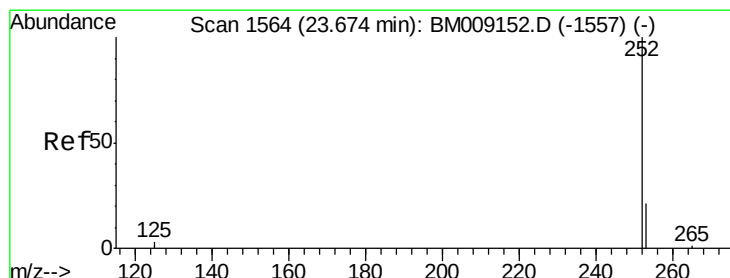
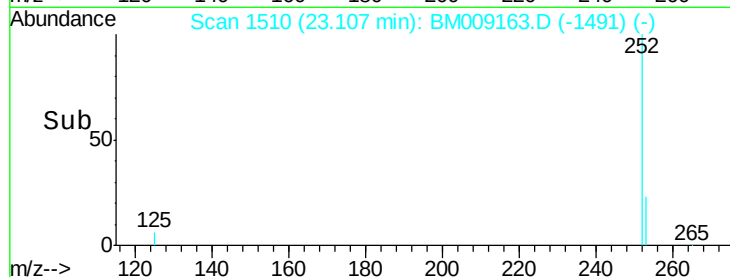
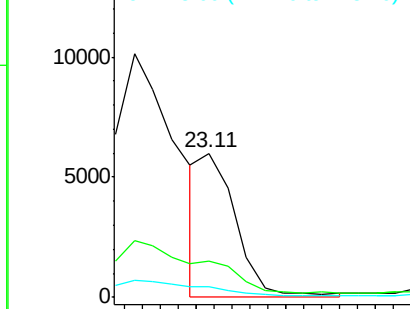
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	7.0	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 4.02 ng/ul

RT: 23.67 min Scan# 1564

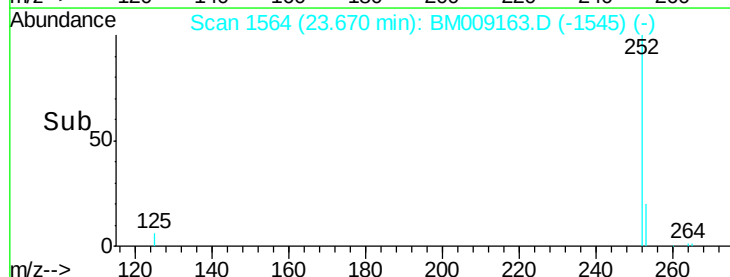
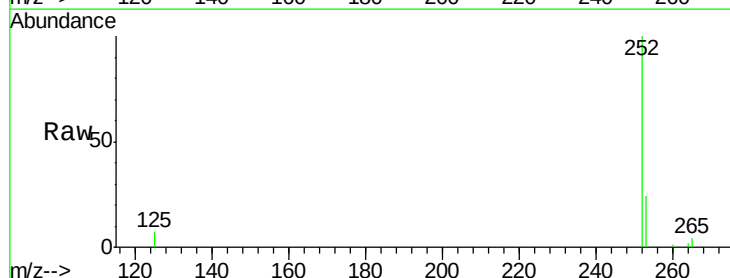
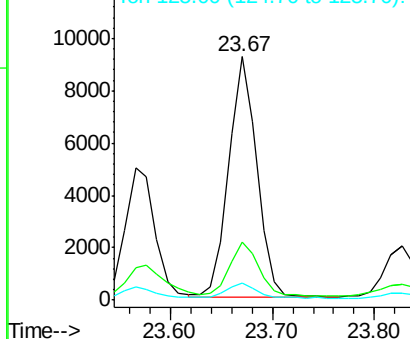
Delta R.T. -0.00 min

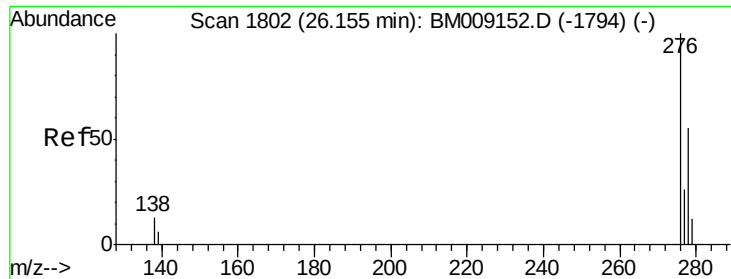
Lab File: BM009163.D

Acq: 10 Mar 2017 01:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	7.1	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





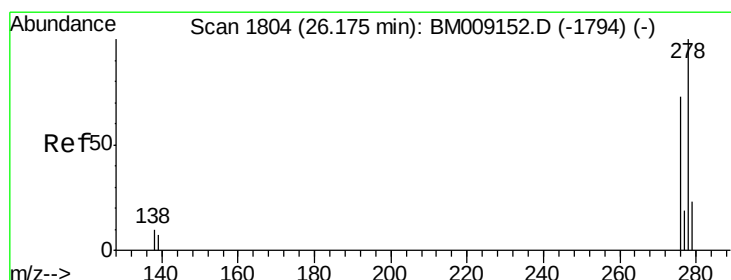
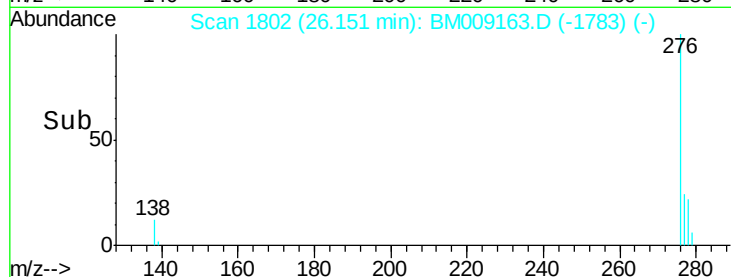
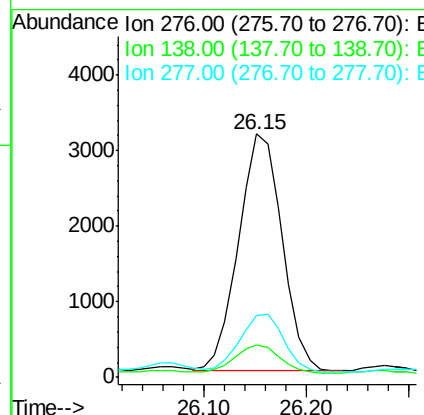
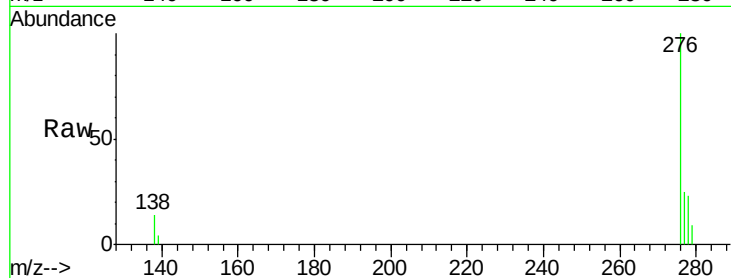
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.69 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009163.D
 Acq: 10 Mar 2017 01:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	19.1	28.7#
277	24.8	19.6	29.4

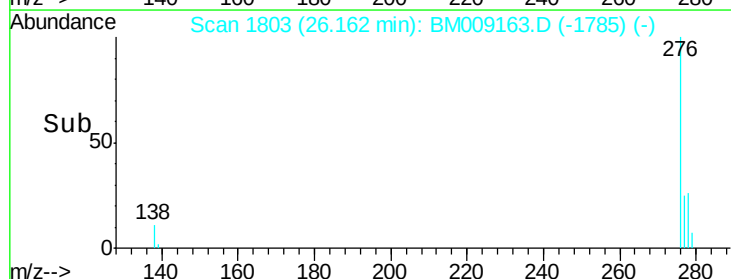
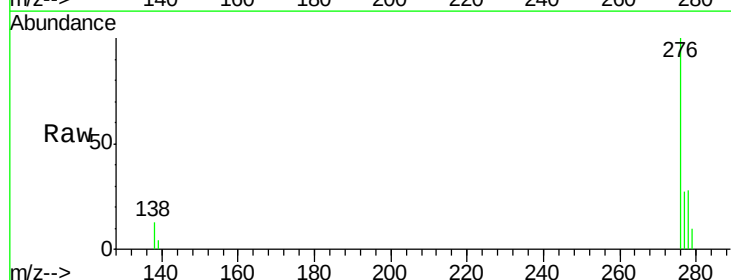
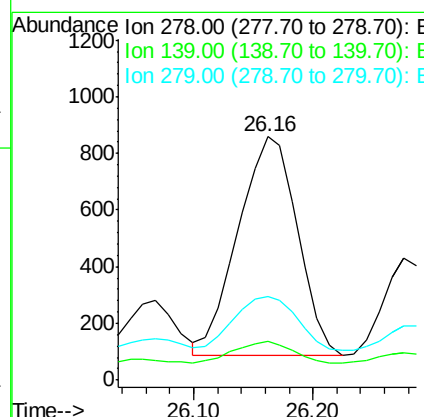
Manual Integrations
 APPROVED

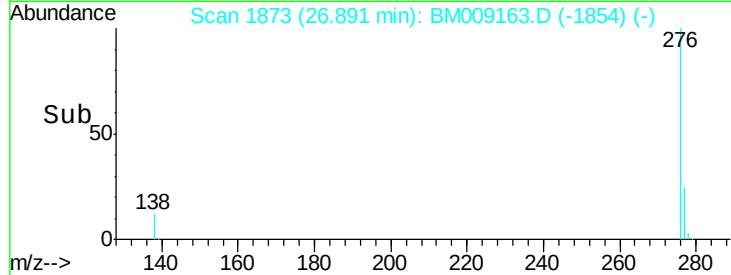
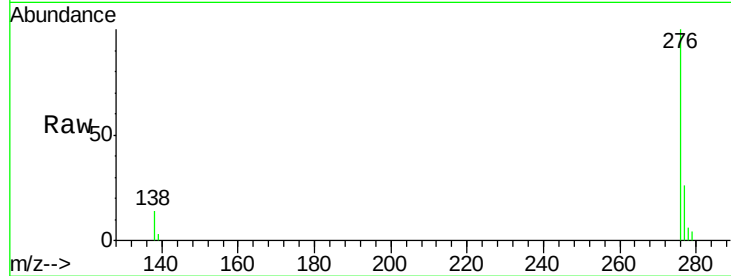
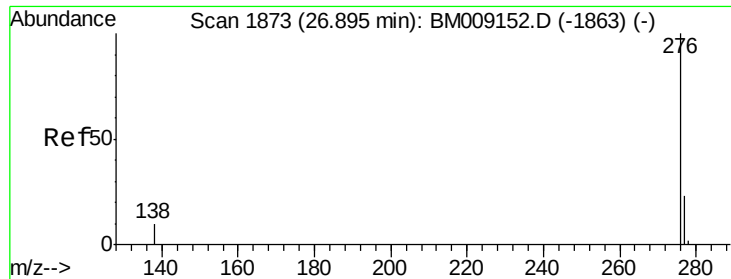
mohammad
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.58 ng/ul
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009163.D
 Acq: 10 Mar 2017 01:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	17.4	26.0#
279	34.5	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 1.53 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009163.D
 Acq: 10 Mar 2017 01:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7DL

Tgt Ion:	276	Resp:	7181
Ion Ratio	Lower	Upper	
276	100		
277	26.2	21.8	32.8
138	13.7	20.5	30.7#

Manual Integrations
 APPROVED

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