

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
 Data File : BM009210.D
 Acq On : 11 Mar 2017 16:30
 Operator : SJ/MA
 Sample : I2107-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1DL

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:13:41 PM

Quant Time: Mar 13 12:02:59 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 11:21:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	706	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	401	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	892	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	977	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	988	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	43	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	108	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.73	128	279	0.14	ng/ul#	59
5) 2-Methylnaphthalene	12.34	142	203	0.14	ng/ul	93
7) Acenaphthylene	14.23	152	119	0.06	ng/ul#	21
8) Acenaphthene	14.57	153	49	0.03	ng/ul#	82
9) Fluorene	15.56	166	46	0.02	ng/ul#	66
12) Phenanthrene	17.30	178	1106	0.39	ng/ul	92
13) Anthracene	17.40	178	277m	0.10	ng/ul	
15) Fluoranthene	19.31	202	2656	0.73	ng/ul	97
17) Pyrene	19.68	202	2535	0.75	ng/ul	95
18) Benzo(a)anthracene	21.42	228	1556	0.48	ng/ul	93
19) Chrysene	21.47	228	1661	0.54	ng/ul	92
21) Benzo(b)fluoranthene	23.07	252	3036m	0.78	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	716m	0.21	ng/ul	
23) Benzo(a)pyrene	23.67	252	1737	0.50	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.15	276	1417	0.32	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.15	278	367	0.10	ng/ul#	45
26) Benzo(g,h,i)perylene	26.88	276	1297	0.34	ng/ul#	92

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

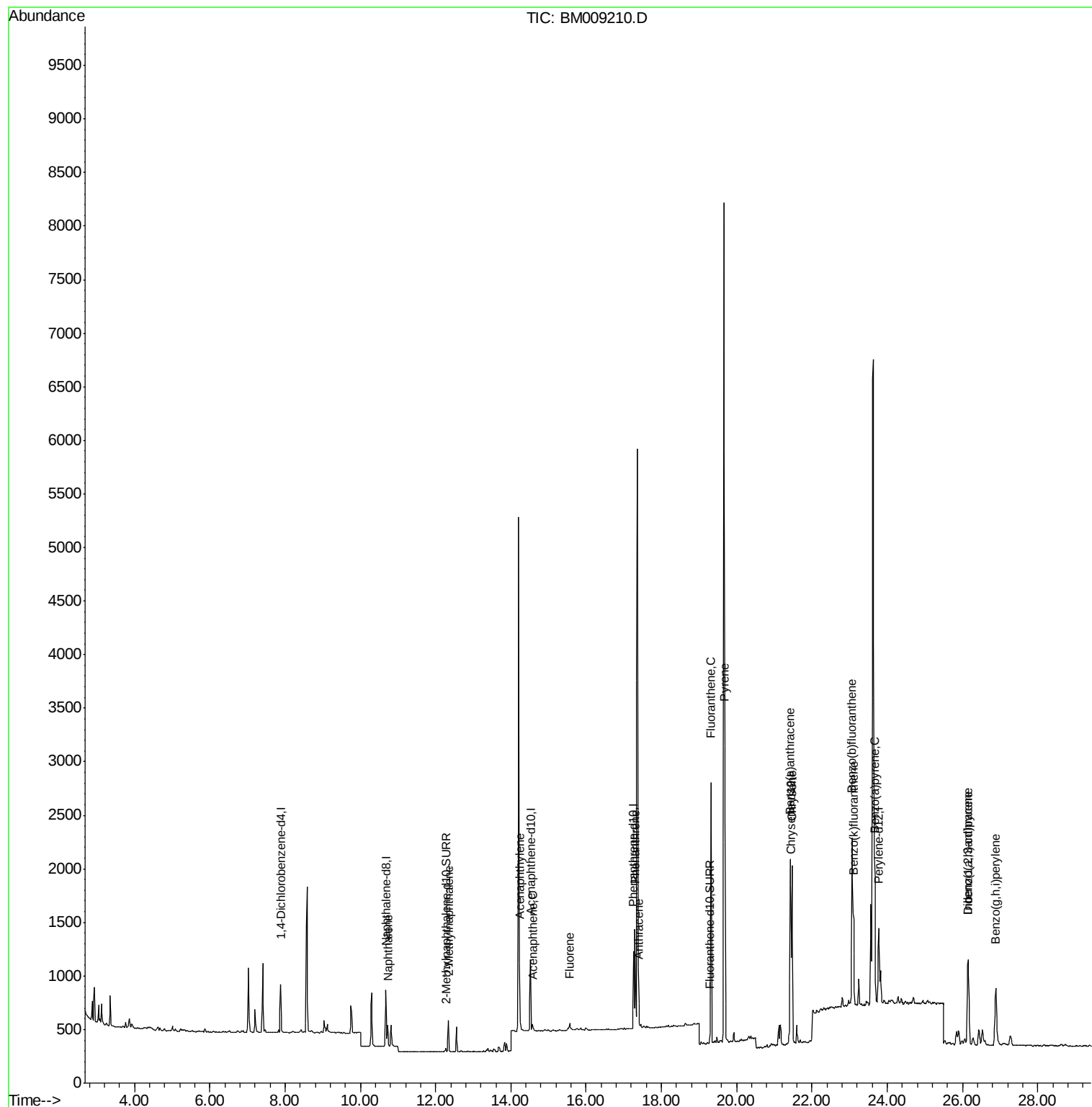
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031117\
Data File : BM009210.D
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Operator : SJ/MA
Sample : I2107-12DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

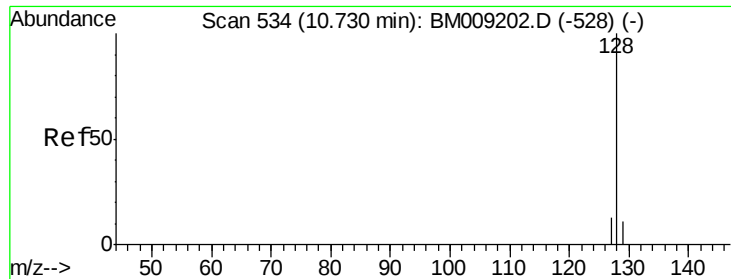
Instrument :
BNA_M
ClientSampleId :
C0AK1DL

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
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QLast Update : Mon Mar 13 11:21:07 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

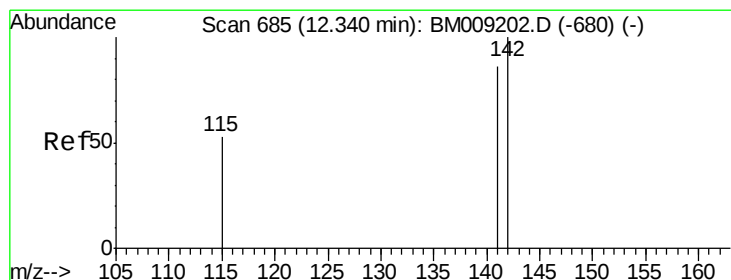
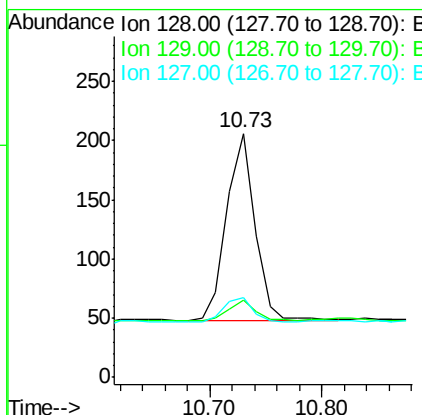
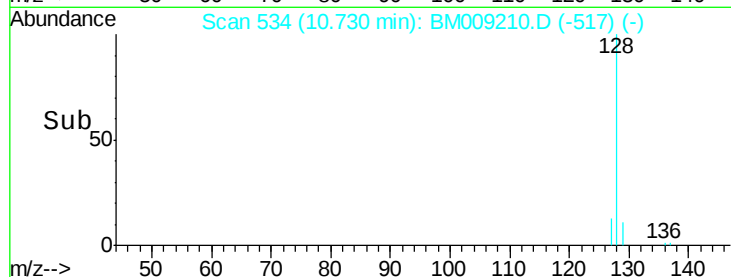
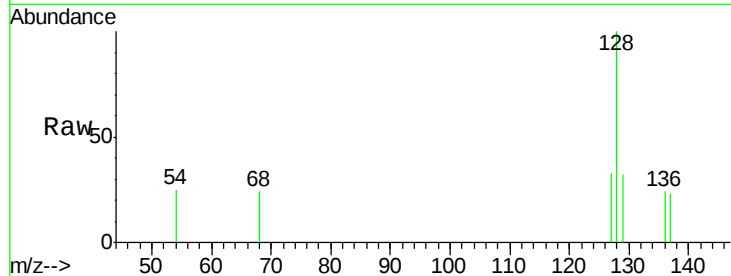
ClientSampleId :

C0AK1DL

Tgt Ion:	128	Resp:	279
Ion	Ratio	Lower	Upper
128	100		
129	31.6	11.3	16.9#
127	32.5	12.8	19.2#

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#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

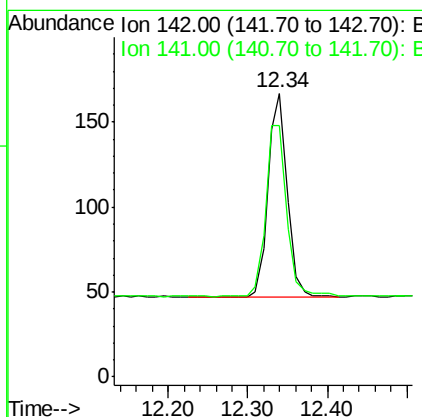
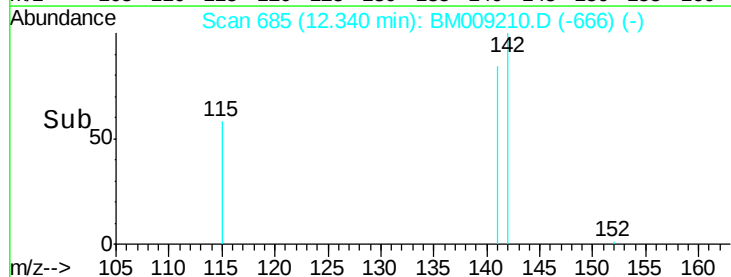
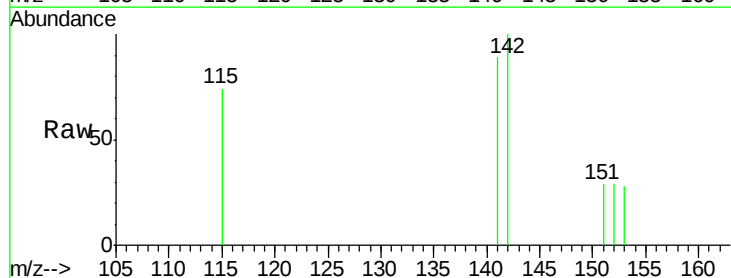
RT: 12.34 min Scan# 685

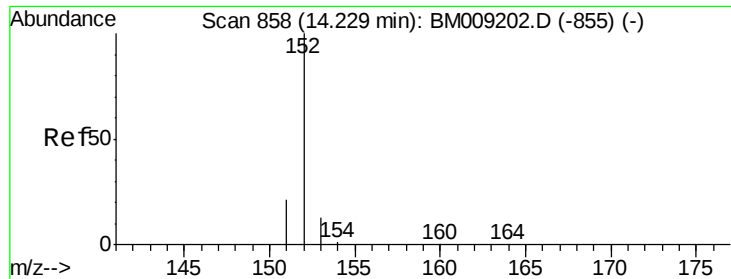
Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Tgt Ion:	142	Resp:	203
Ion	Ratio	Lower	Upper
142	100		
141	97.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

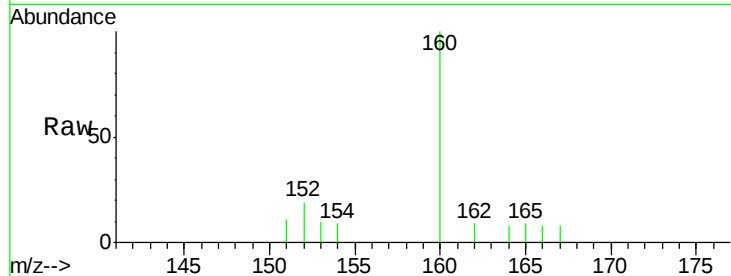
ClientSampleId :

C0AK1DL

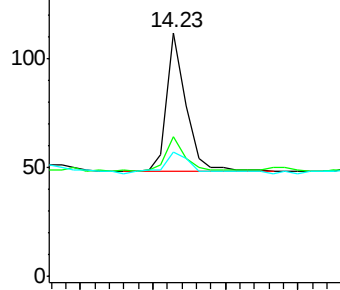
Tgt Ion:	152	Resp:	119
Ion Ratio	Lower	Upper	
152	100		
151	57.1	17.1	25.7#
153	50.9	12.8	19.2#

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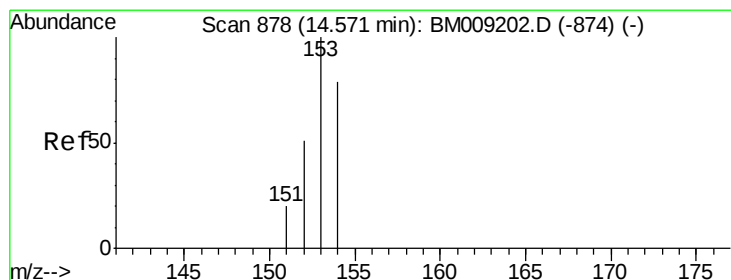
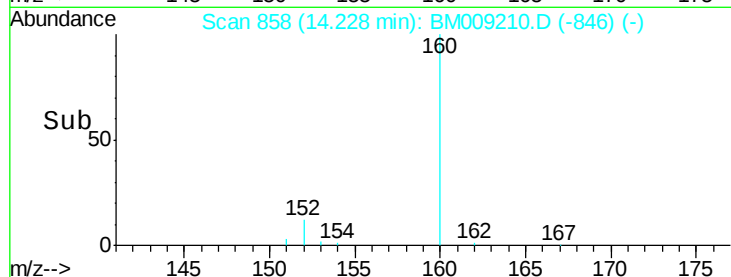
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.03 ng/ul

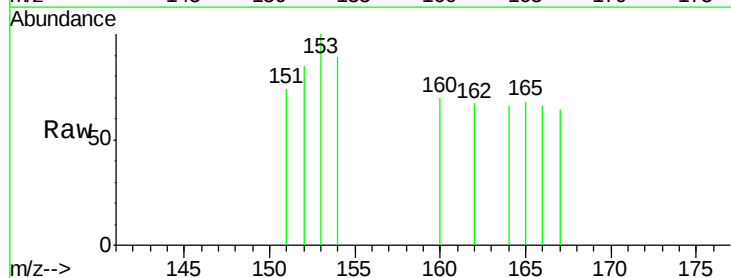
RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

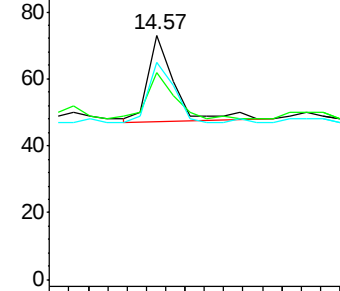
Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

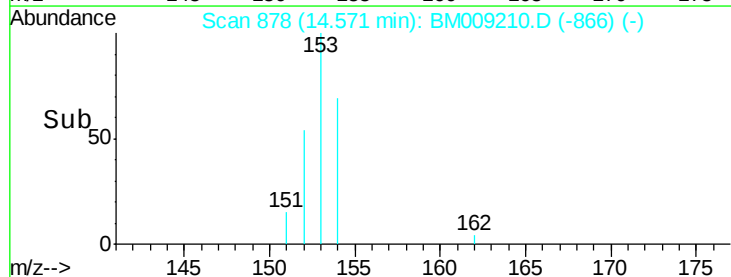
Tgt Ion:	153	Resp:	49
Ion Ratio	Lower	Upper	
153	100		
152	84.9	40.3	60.5#
154	89.0	71.4	107.2

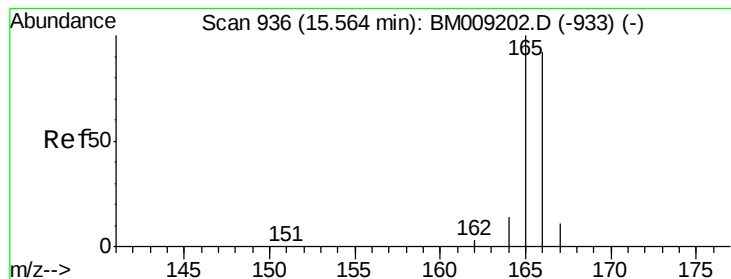


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

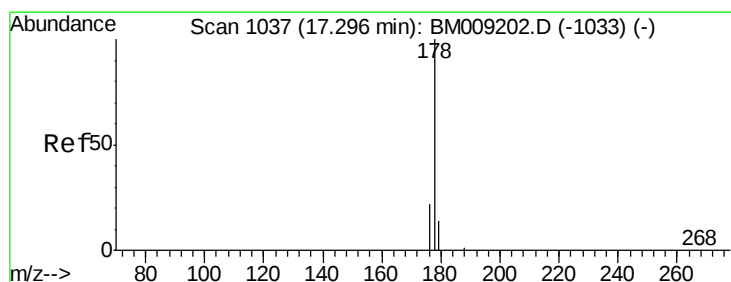
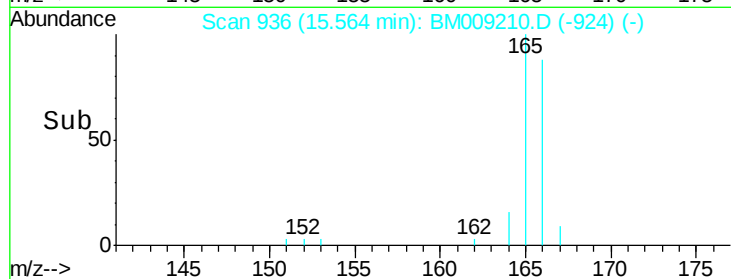
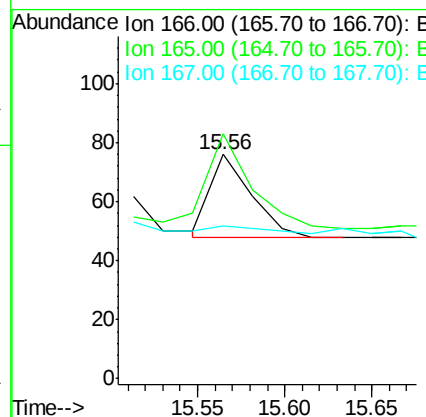
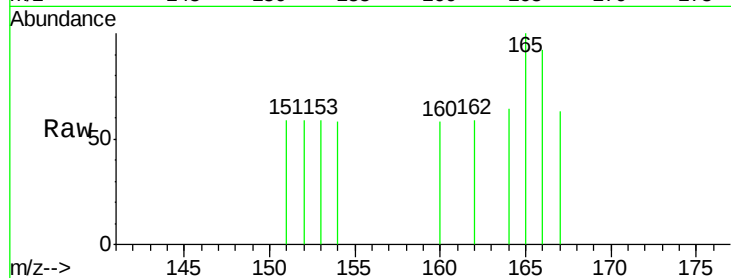
ClientSampleId :

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Tgt Ion:	166	Resp:	46
Ion Ratio	Lower	Upper	
166	100		
165	109.2	73.4	110.2
167	68.4	14.6	22.0#

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#12

Phenanthrene

Concen: 0.39 ng/ul

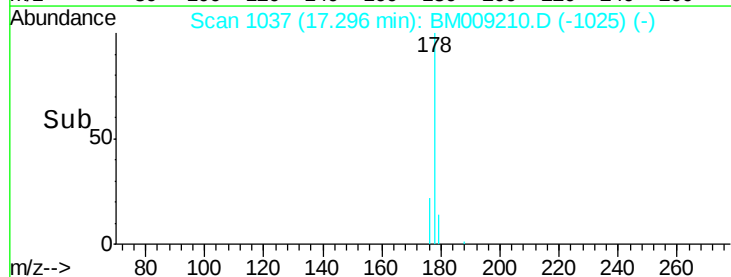
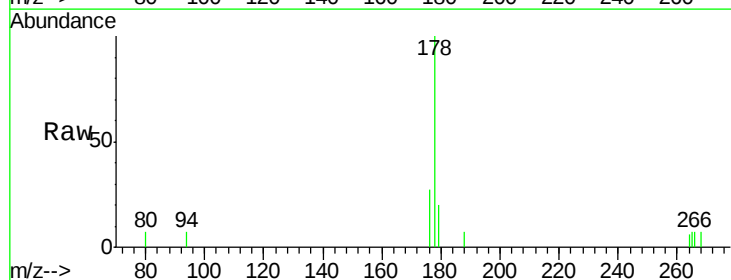
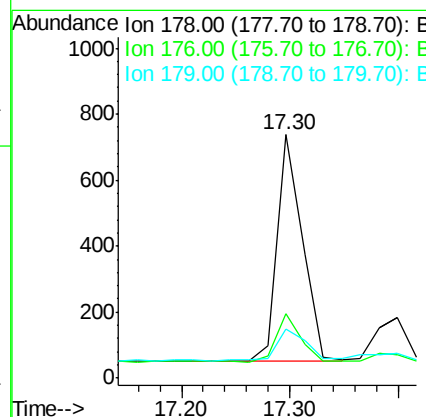
RT: 17.30 min Scan# 1037

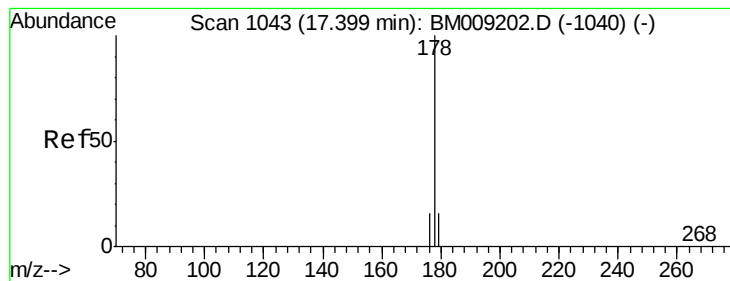
Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Tgt Ion:	178	Resp:	1106
Ion Ratio	Lower	Upper	
178	100		
176	26.7	18.4	27.6
179	20.3	13.6	20.4





#13

Anthracene

Concen: 0.10 ng/ul m

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

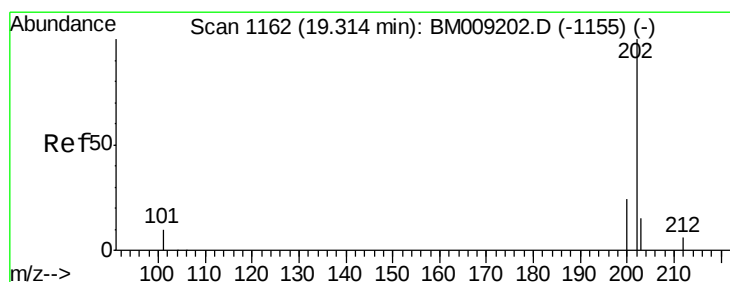
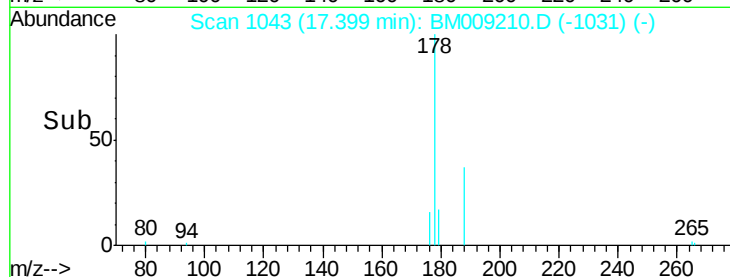
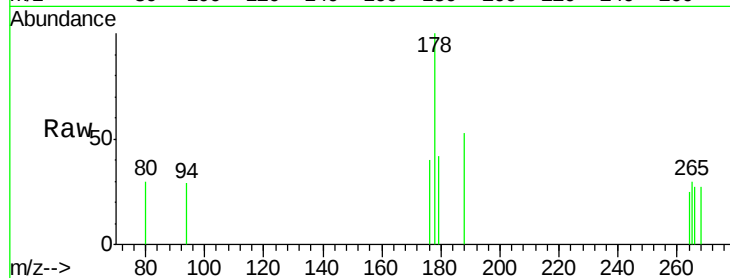
ClientSampleId :

C0AK1DL

Tgt Ion:	178	Resp:	277
Ion Ratio	Lower	Upper	
178	100		
176	39.6	18.1	27.1#
179	41.8	14.7	22.1#

Manual Integrations
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#15

Fluoranthene

Concen: 0.73 ng/ul

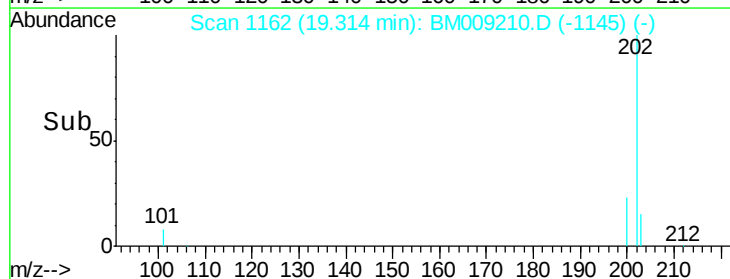
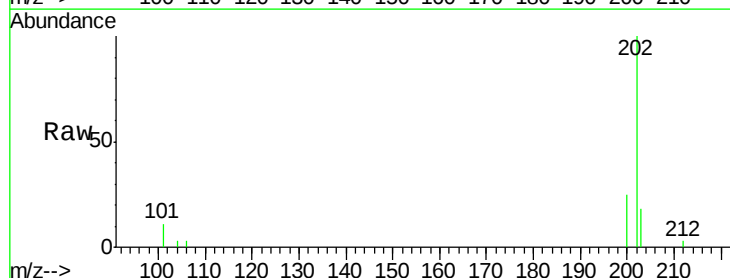
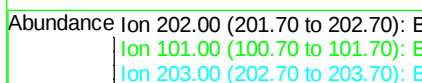
RT: 19.31 min Scan# 1162

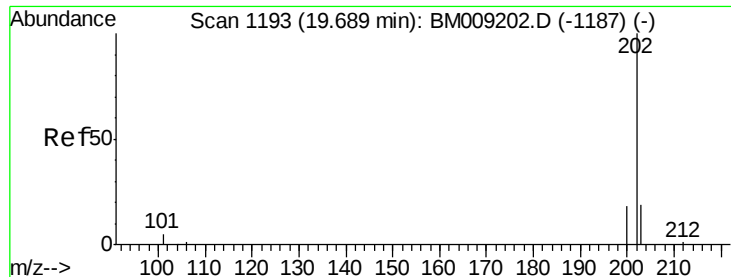
Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Tgt Ion:	202	Resp:	2656
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.3
203	18.1	0.0	39.5





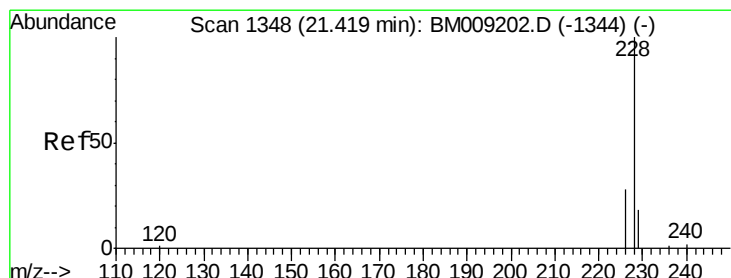
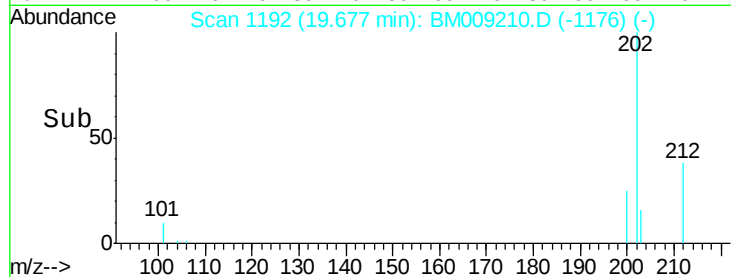
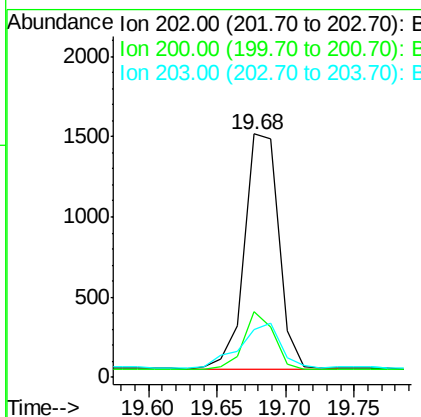
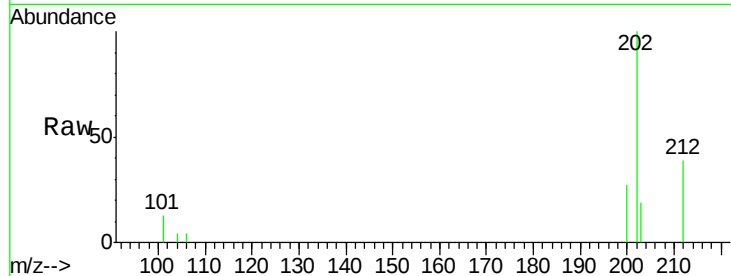
#17
 Pyrene
 Concen: 0.75 ng/ul
 RT: 19.68 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM009210.D
 Acq: 11 Mar 2017 16:30

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1DL

Tgt Ion:	202	Resp:	2535
Ion Ratio	Lower	Upper	
202	100		
200	26.9	18.2	27.4
203	19.4	15.6	23.4

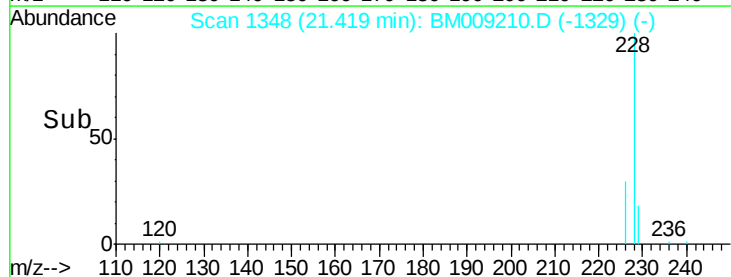
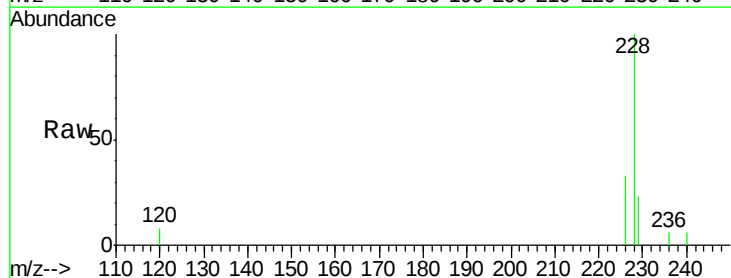
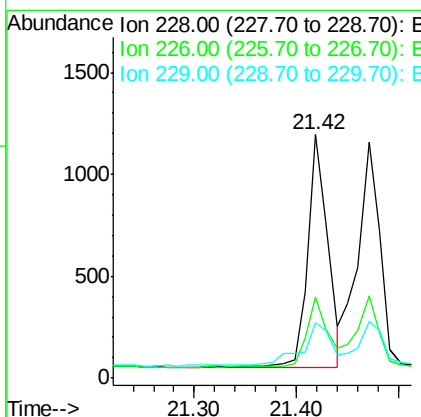
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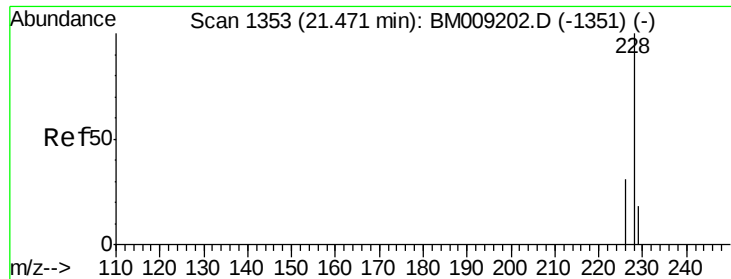
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#18
 Benzo(a)anthracene
 Concen: 0.48 ng/ul
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009210.D
 Acq: 11 Mar 2017 16:30

Tgt Ion:	228	Resp:	1556
Ion Ratio	Lower	Upper	
228	100		
226	33.5	22.8	34.2
229	22.8	17.0	25.6





#19

Chrysene

Concen: 0.54 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

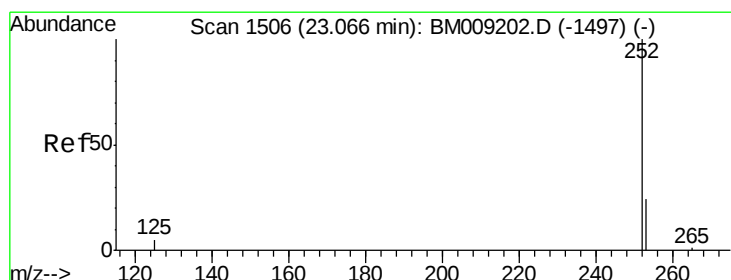
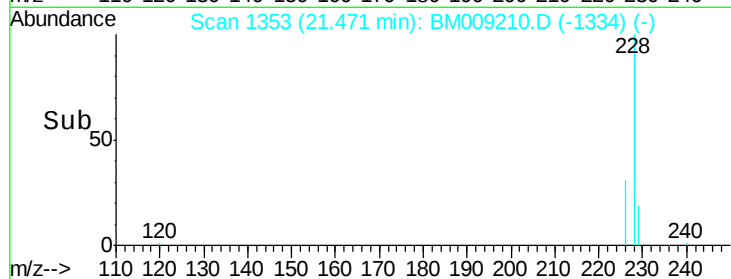
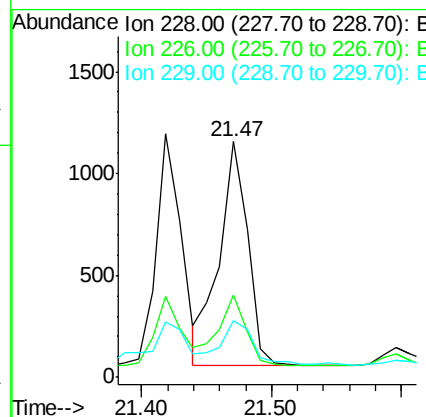
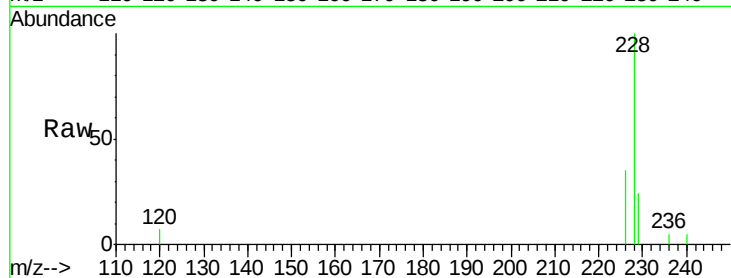
ClientSampleId :

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Tgt Ion:	228	Resp:	1661
Ion Ratio		Lower	Upper
228	100		
226	34.7	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.78 ng/ul m

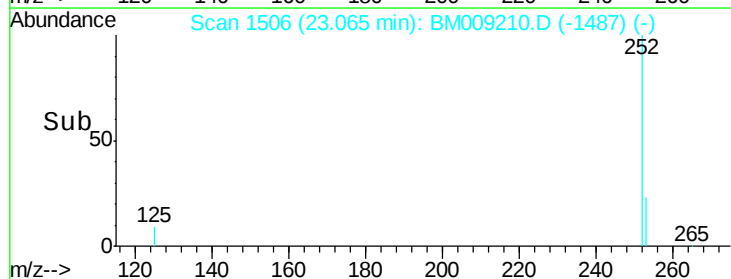
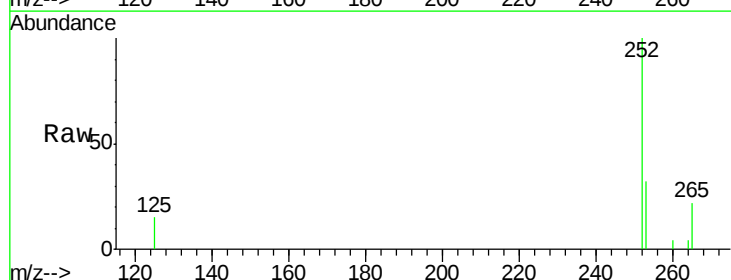
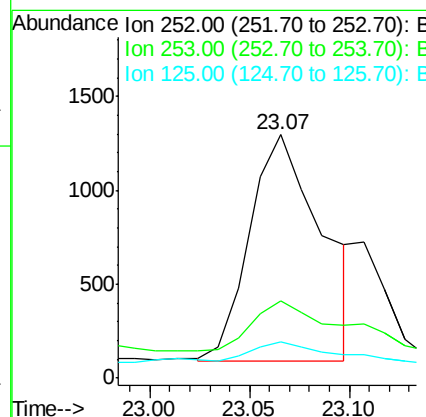
RT: 23.07 min Scan# 1506

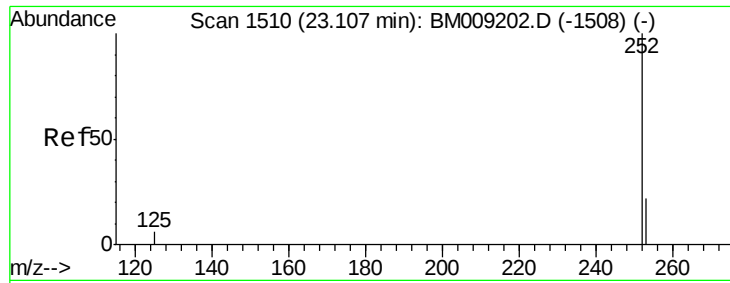
Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Tgt Ion:	252	Resp:	3036
Ion Ratio		Lower	Upper
252	100		
253	31.8	0.0	64.2
125	14.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.21 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Instrument :

BNA_M

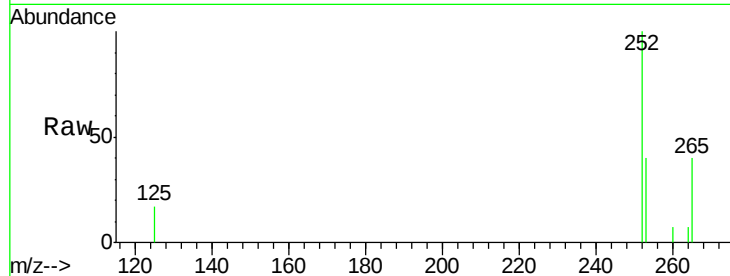
ClientSampleId :

C0AK1DL

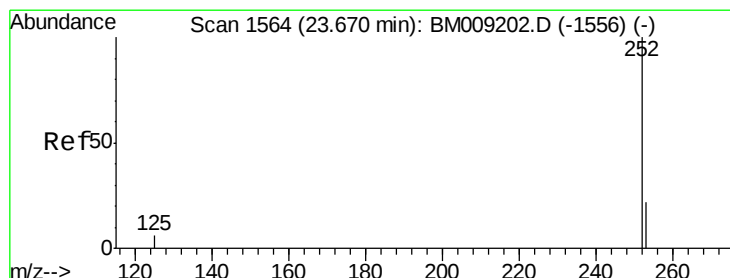
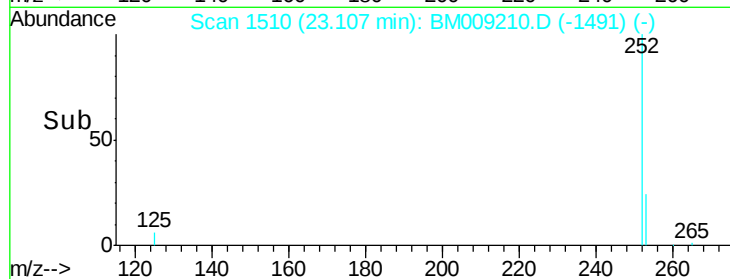
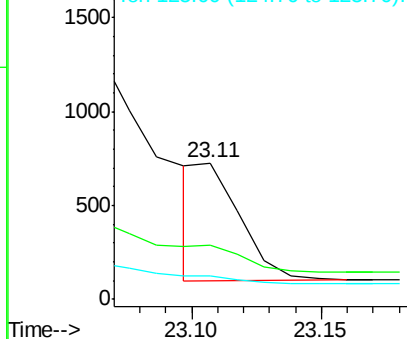
Tgt Ion:	252	Resp:	716
Ion Ratio	Lower	Upper	
252	100		
253	39.7	24.5	36.7#
125	16.8	13.7	20.5

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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: 0.50 ng/ul

RT: 23.67 min Scan# 1564

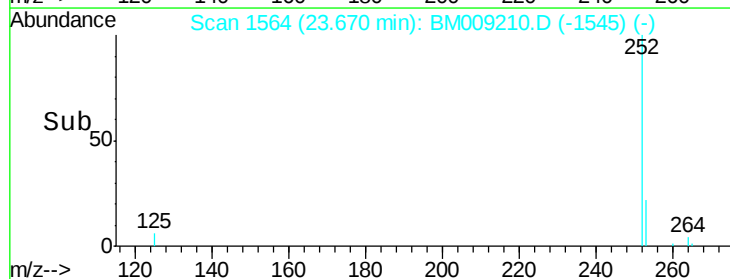
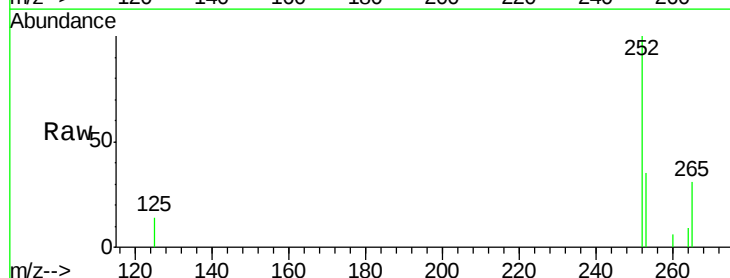
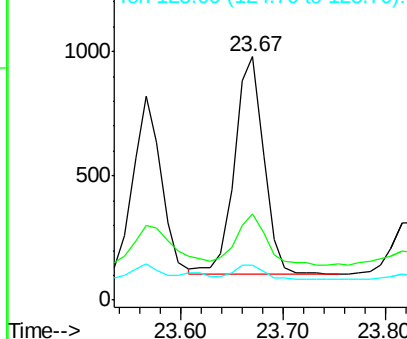
Delta R.T. -0.00 min

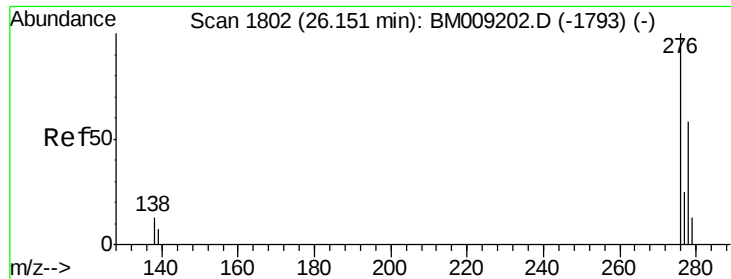
Lab File: BM009210.D

Acq: 11 Mar 2017 16:30

Tgt Ion:	252	Resp:	1737
Ion Ratio	Lower	Upper	
252	100		
253	35.4	28.5	42.7
125	14.4	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





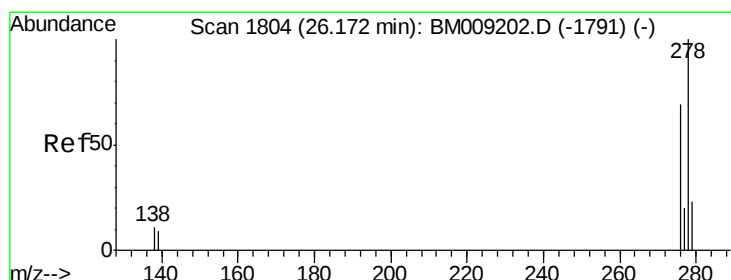
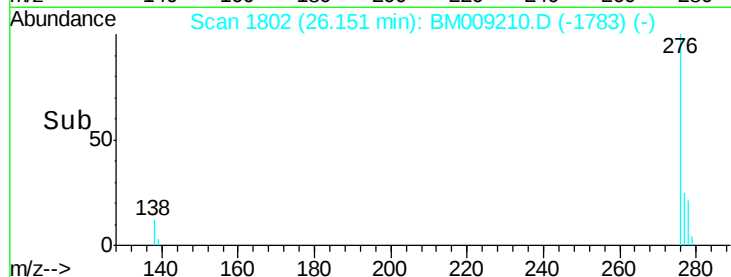
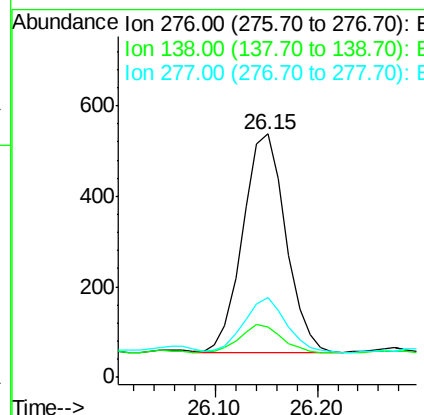
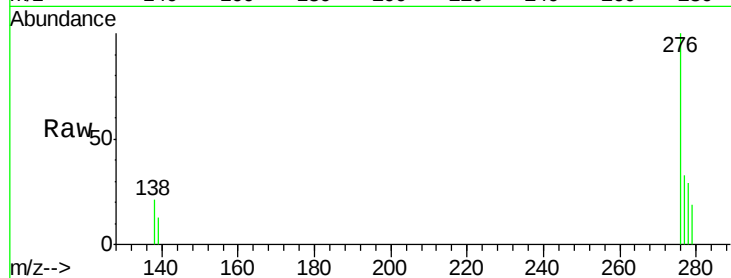
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009210.D
Acq: 11 Mar 2017 16:30

Instrument :
BNA_M
ClientSampleId :
C0AK1DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	19.1	28.7#
277	24.3	19.6	29.4

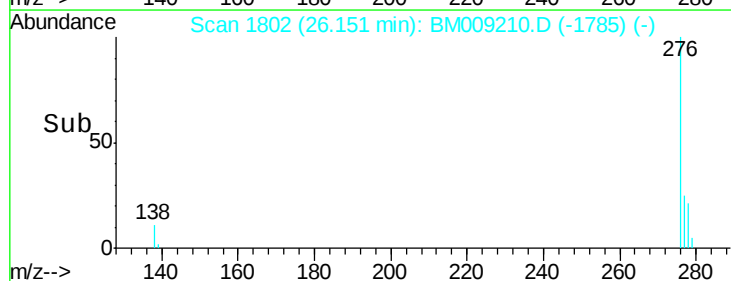
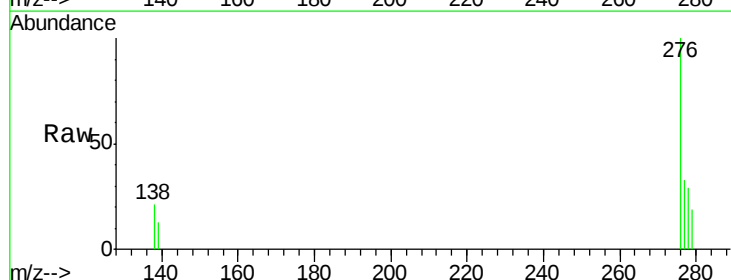
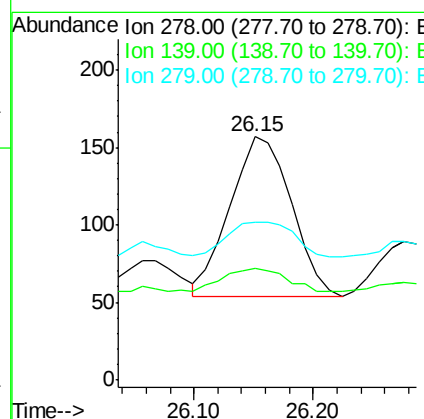
Manual Integrations
APPROVED

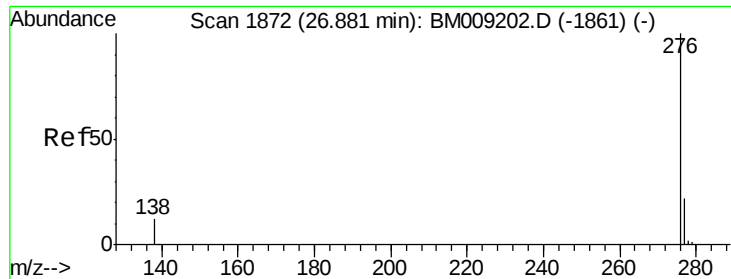
mohammad
3/13/2017 5:13:41 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BM009210.D
Acq: 11 Mar 2017 16:30

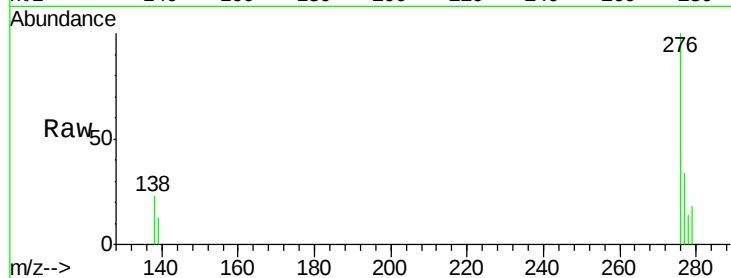
Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.9	17.4	26.0#
279	65.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.34 ng/ul
RT: 26.88 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM009210.D
Acq: 11 Mar 2017 16:30

Instrument :
BNA_M
ClientSampleId :
C0AK1DL



Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.6	21.8	32.8#
138	23.2	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/13/2017 5:13:41 PM

