

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009161.D
 Acq On : 10 Mar 2017 00:33
 Operator : SJ/MA
 Sample : I2062-21DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0AK7DL

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 3/10/2017 6:01:48 PM

Quant Time: Mar 10 04:02:03 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	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	798	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	441	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1021	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1142	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	1170	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	75	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	199	0.06	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	385	0.17	ng/ul#	71
5) 2-Methylnaphthalene	12.34	142	282	0.17	ng/ul	95
7) Acenaphthylene	14.23	152	180	0.08	ng/ul#	34
12) Phenanthrene	17.30	178	1180	0.37	ng/ul#	90
13) Anthracene	17.40	178	385	0.12	ng/ul#	73
15) Fluoranthene	19.33	202	3315	0.79	ng/ul	94
17) Pyrene	19.69	202	3311	0.84	ng/ul	98
18) Benzo(a)anthracene	21.42	228	2739m	0.72	ng/ul	
19) Chrysene	21.47	228	3161m	0.88	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	5673m	1.23	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1948m	0.48	ng/ul	
23) Benzo(a)pyrene	23.67	252	3089	0.75	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.15	276	2194	0.42	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.16	278	584	0.13	ng/ul#	63
26) Benzo(g,h,i)perylene	26.89	276	1902	0.42	ng/ul#	92

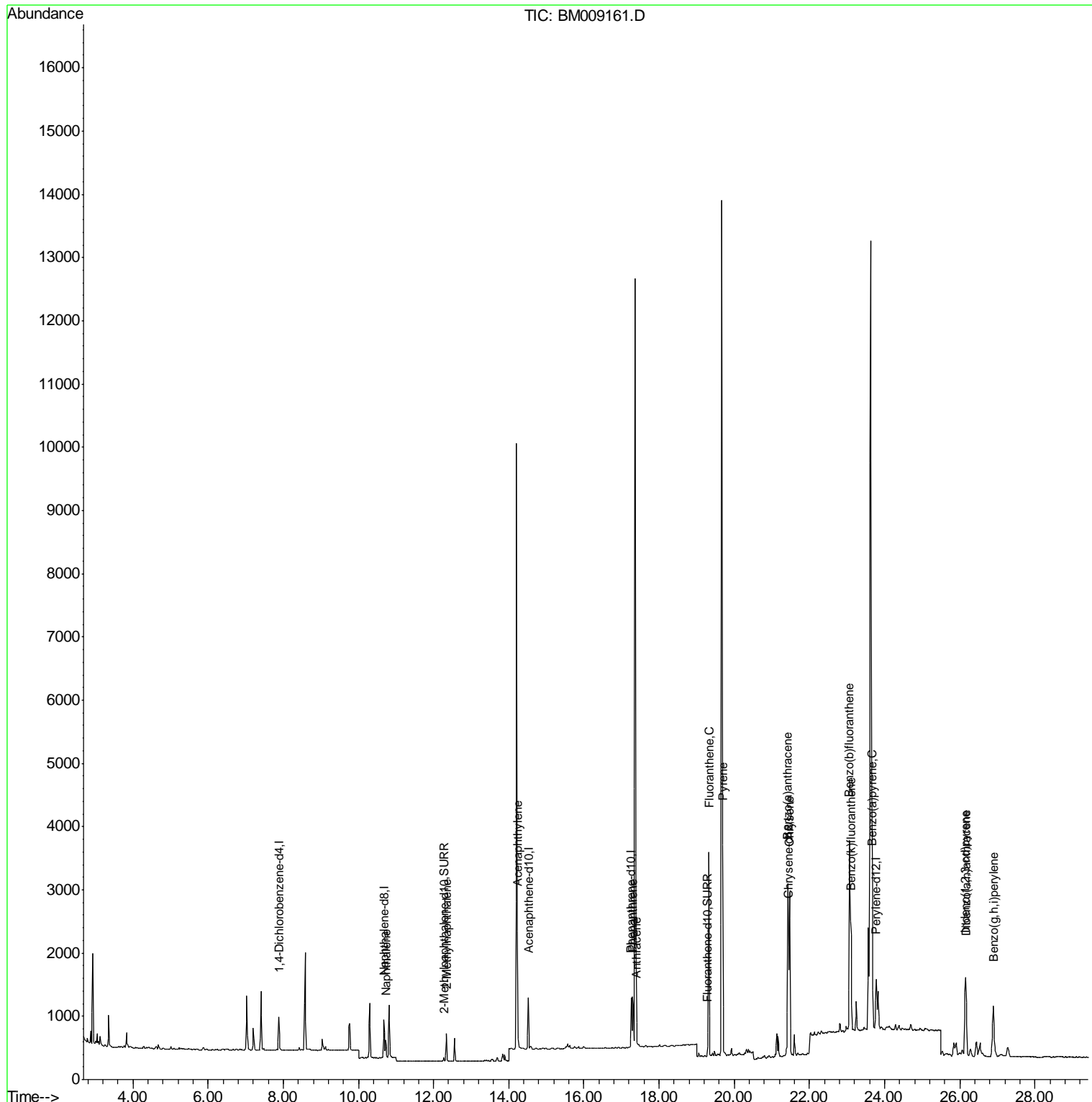
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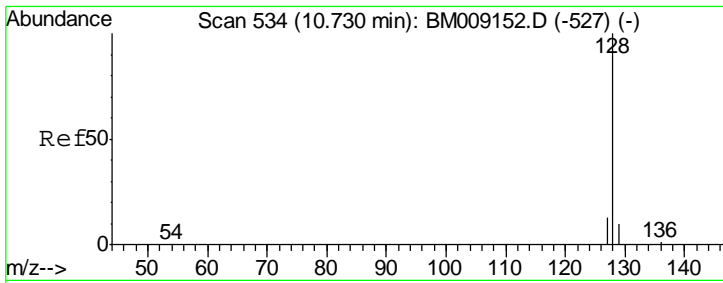
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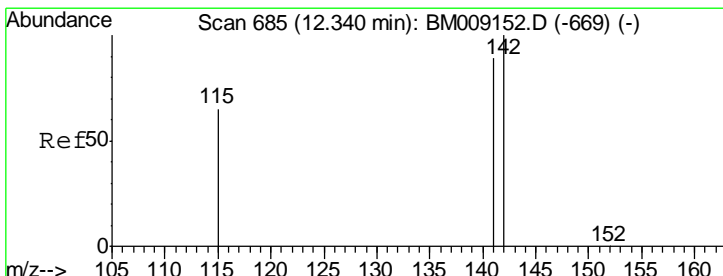
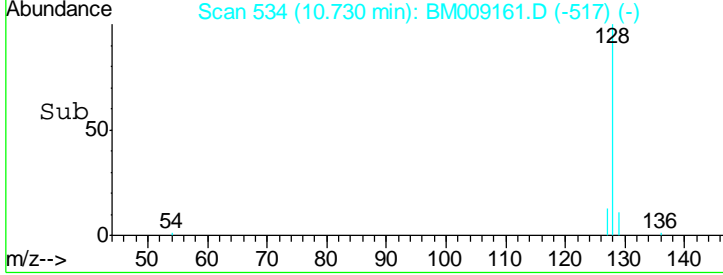
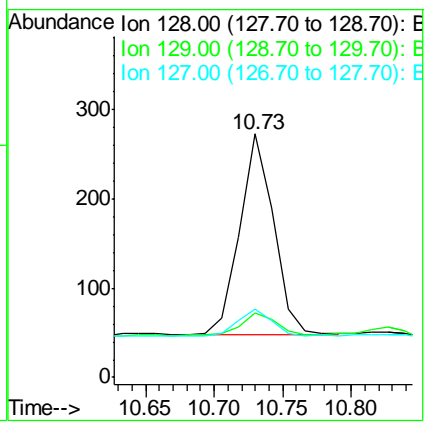
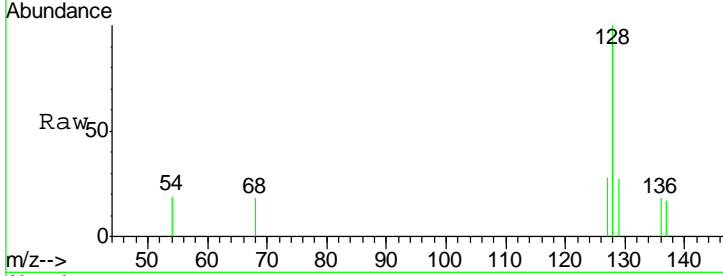


#3
 Naphthalene
 Concen: 0.17 ng/ul
 RT: 10.73 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

Instrument :
 BNA_M
ClientSampled :
 C0AK7DL

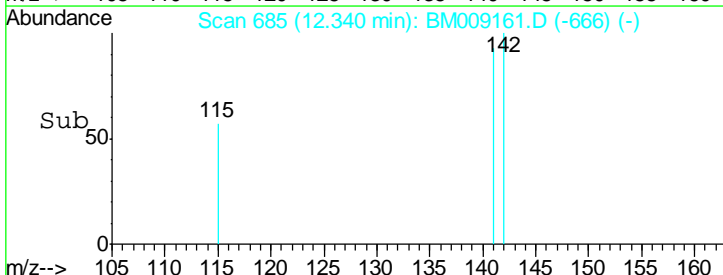
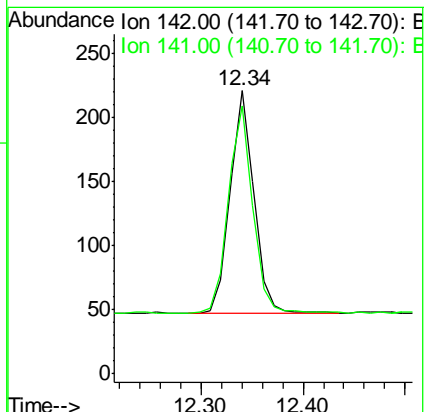
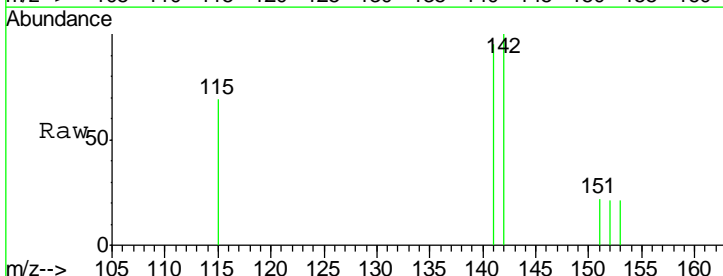
Tgt Ion	Resp	Lower	Upper
128	100		
129	26.7	11.3	16.9#
127	27.8	12.8	19.2#

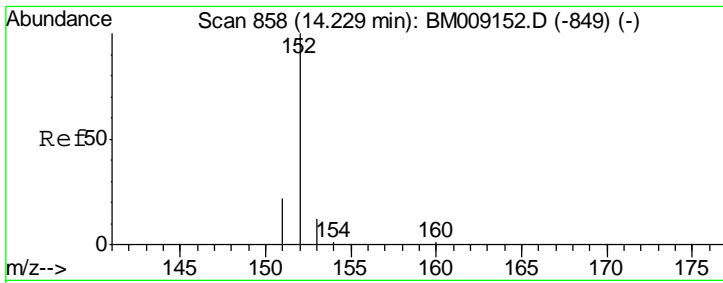
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#5
 2-Methylnaphthalene
 Concen: 0.17 ng/ul
 RT: 12.34 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

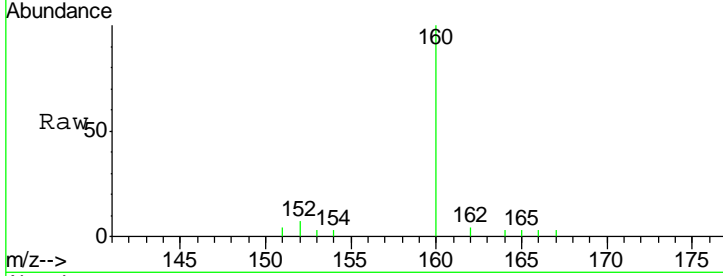
Tgt Ion	Resp	Lower	Upper
142	100		
141	95.4	72.6	108.8





#7
 Acenaphthylene
 Concen: 0.08 ng/ul
 RT: 14.23 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

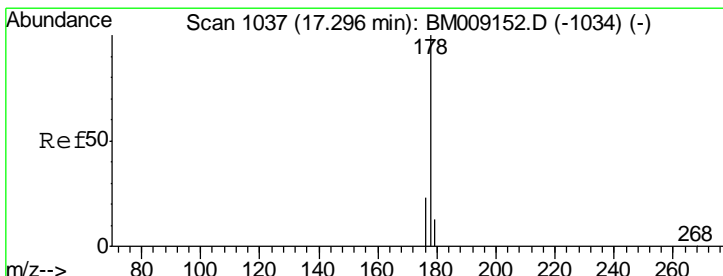
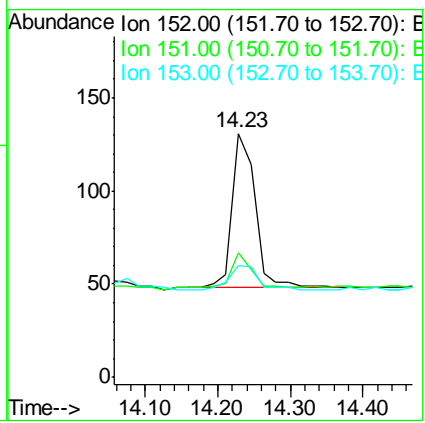
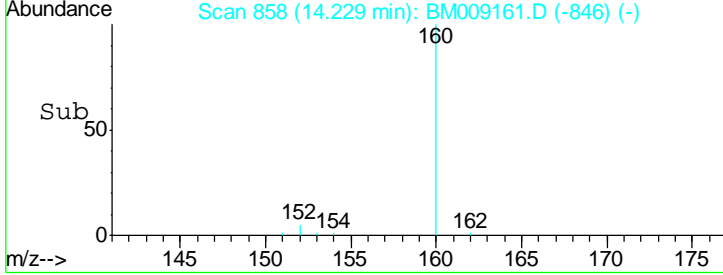
Instrument :
 BNA_M
ClientSampled :
 C0AK7DL



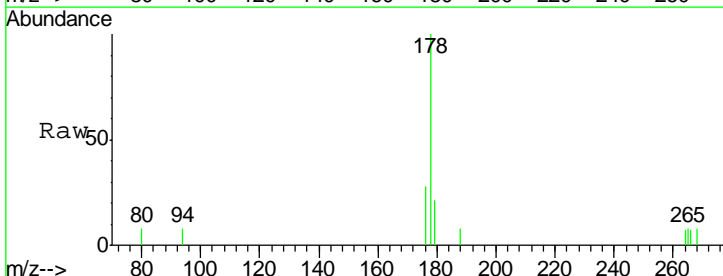
Tgt Ion: 152 Resp: 180

Ion	Ratio	Lower	Upper
152	100		
151	51.1	17.1	25.7#
153	45.8	12.8	19.2#

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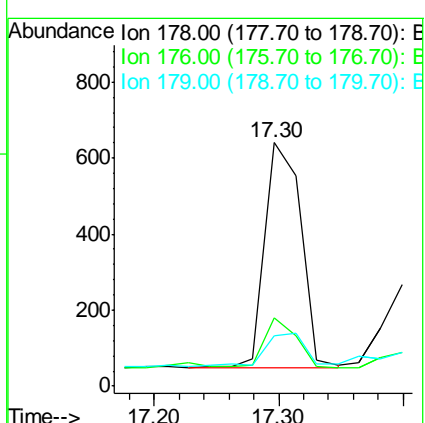
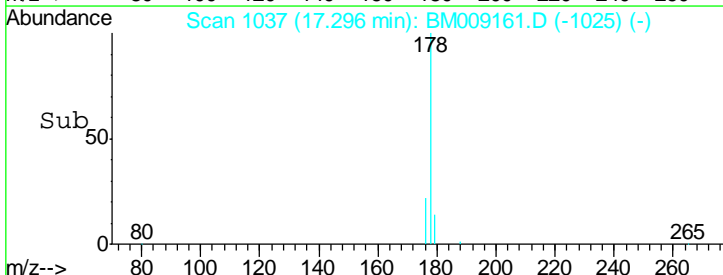


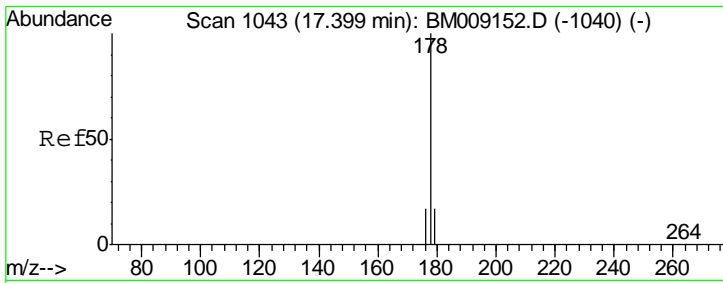
#12
 Phenanthrene
 Concen: 0.37 ng/ul
 RT: 17.30 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33



Tgt Ion: 178 Resp: 1180

Ion	Ratio	Lower	Upper
178	100		
176	27.9	18.4	27.6#
179	20.7	13.6	20.4#





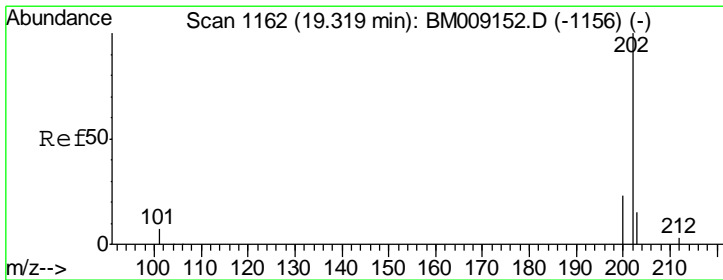
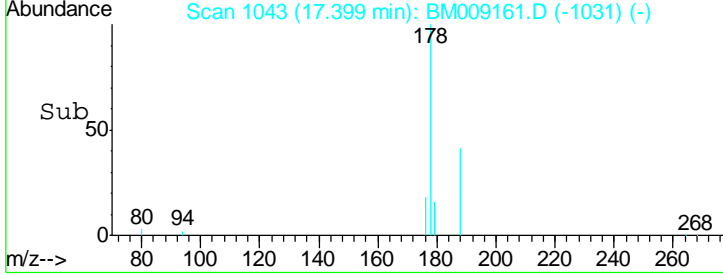
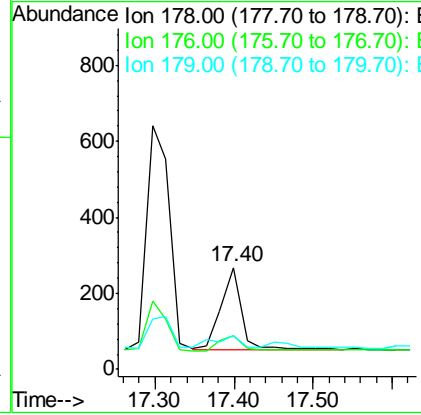
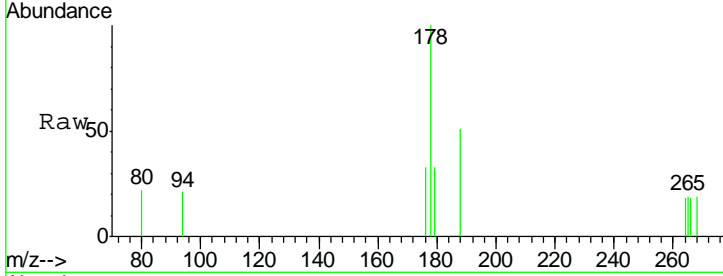
#13
 Anthracene
 Concen: 0.12 ng/ul
 RT: 17.40 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

Instrument :
 BNA_M
ClientSampled :
 C0AK7DL

Tgt Ion	Resp	Lower	Upper
178	100		
176	33.2	18.1	27.1#
179	32.8	14.7	22.1#

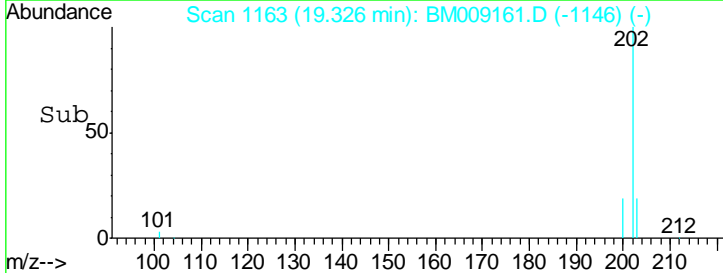
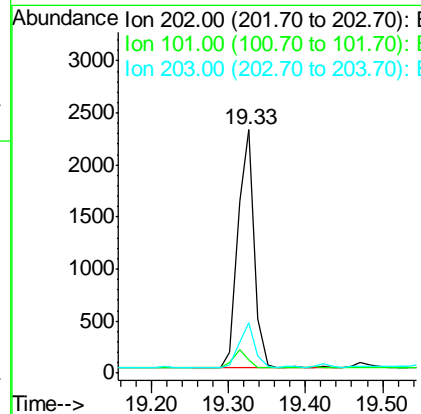
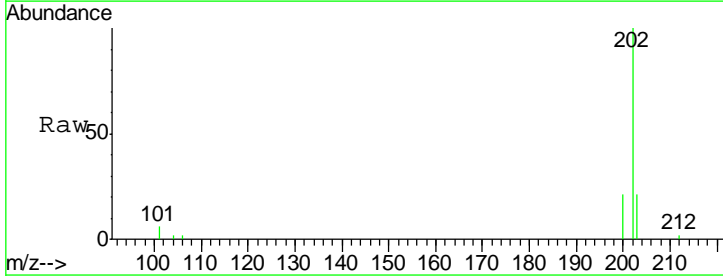
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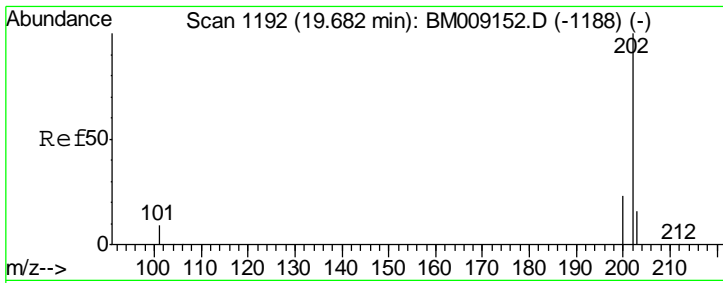
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#15
 Fluoranthene
 Concen: 0.79 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

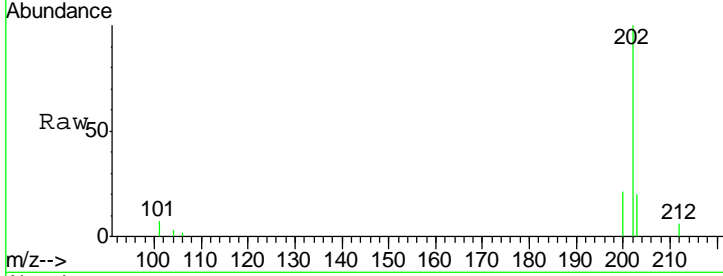
Tgt Ion	Resp	Lower	Upper
202	100		
101	5.6	0.0	30.3
203	20.7	0.0	39.5





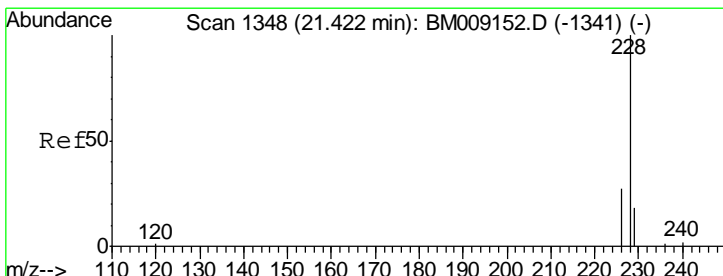
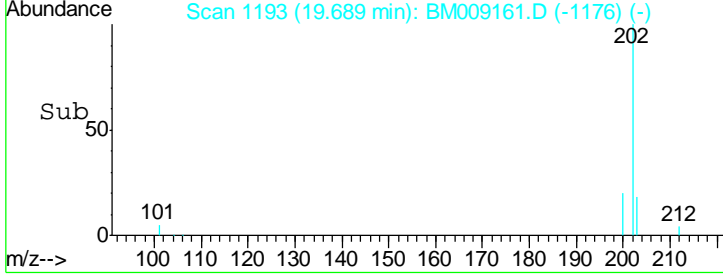
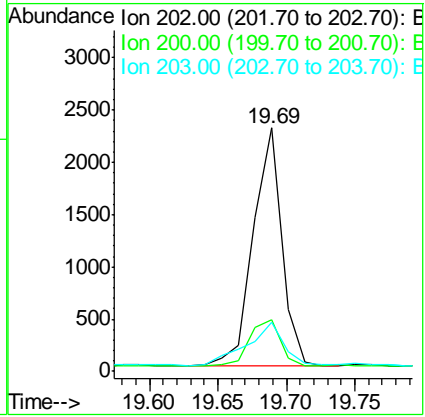
#17
 Pyrene
 Concen: 0.84 ng/ul
 RT: 19.69 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

Instrument :
 BNA_M
ClientSampled :
 C0AK7DL



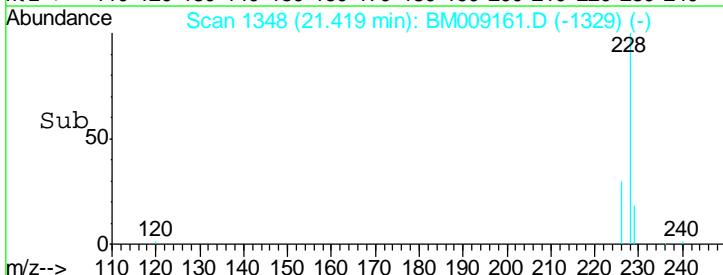
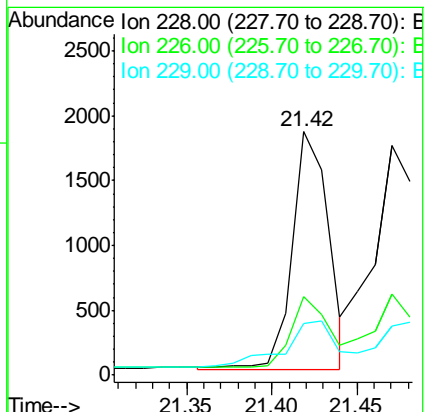
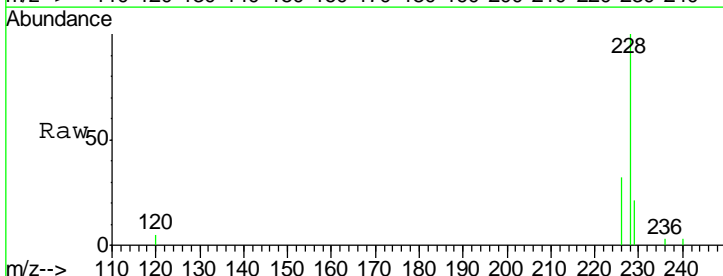
Tgt Ion	Resp	Lower	Upper
202	100		
200	21.3	18.2	27.4
203	20.1	15.6	23.4

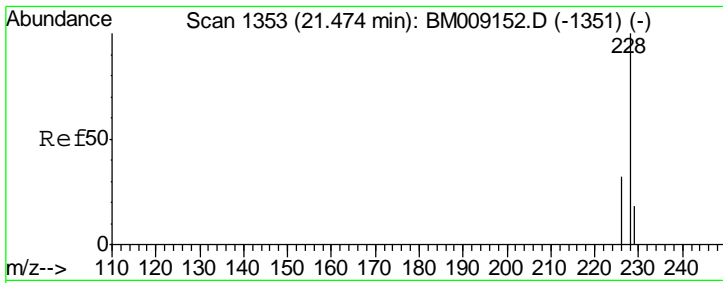
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#18
 Benzo(a)anthracene
 Concen: 0.72 ng/ul m
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

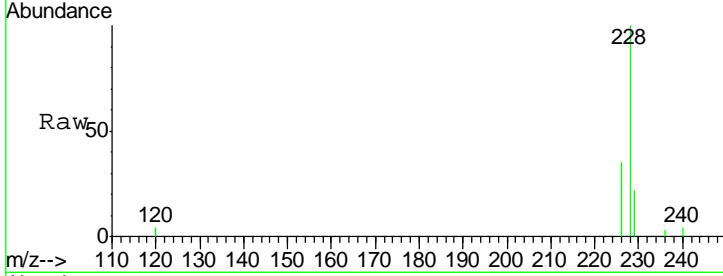
Tgt Ion	Resp	Lower	Upper
228	100		
226	32.3	22.8	34.2
229	21.3	17.0	25.6





#19
 Chrysene
 Concen: 0.88 ng/ul m
 RT: 21.47 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

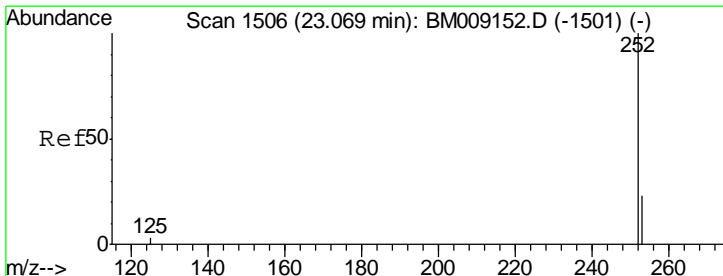
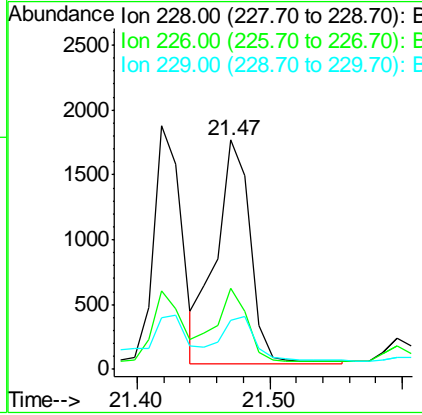
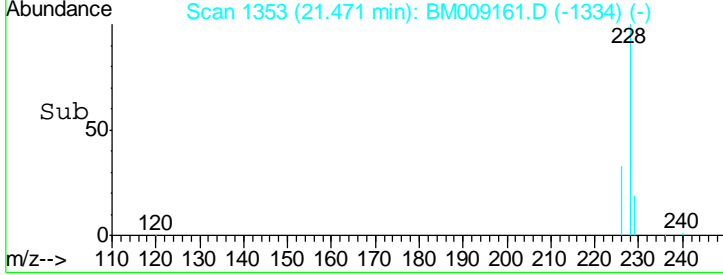
Instrument :
 BNA_M
 ClientSampled :
 C0AK7DL



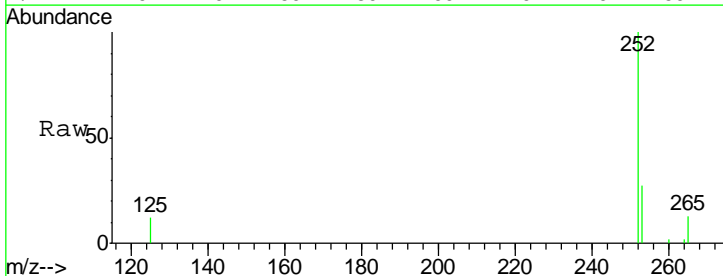
Tgt Ion: 228 Resp: 3161

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.4	35.0#
229	21.7	17.7	26.5

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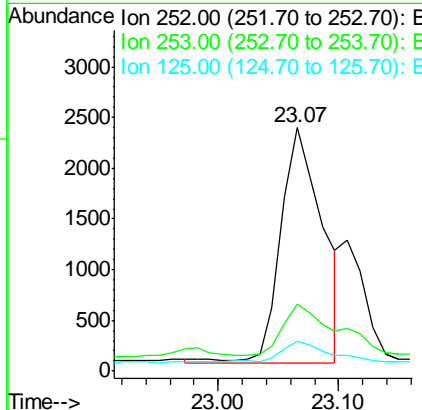
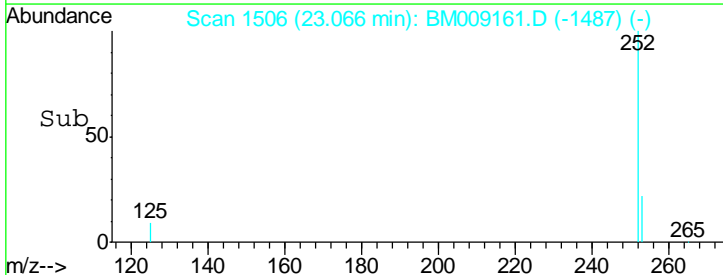


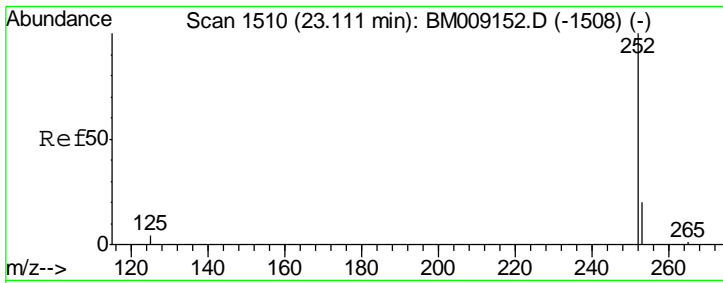
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 Benzo(b)fluoranthene
 Concen: 1.23 ng/ul m
 RT: 23.07 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33



Tgt Ion: 252 Resp: 5673

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	64.2
125	12.1	0.0	35.0





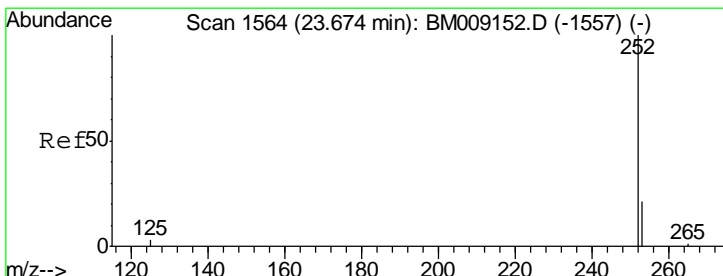
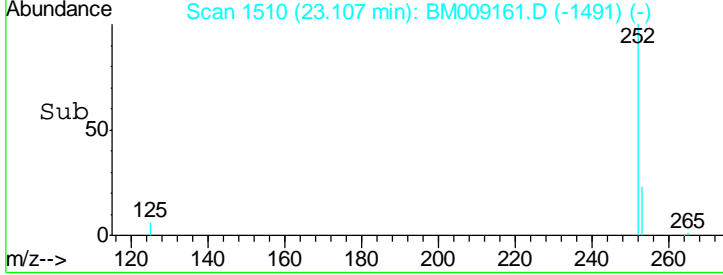
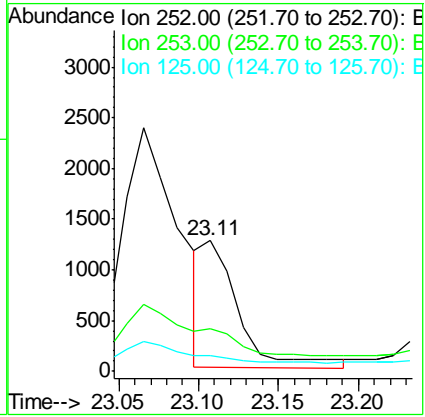
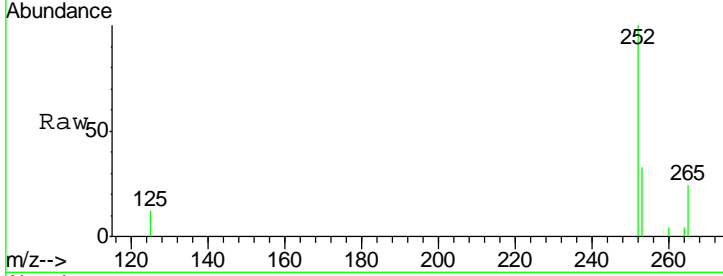
#22
 Benzo(k)fluoranthene
 Concen: 0.48 ng/ul m
 RT: 23.11 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

Instrument :
 BNA_M
ClientSampled :
 C0AK7DL

Tgt Ion	Resp	Lower	Upper
252	1948		
252	100		
253	32.5	24.5	36.7
125	12.4	13.7	20.5#

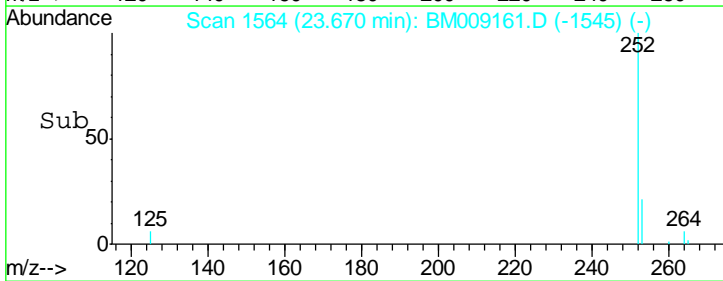
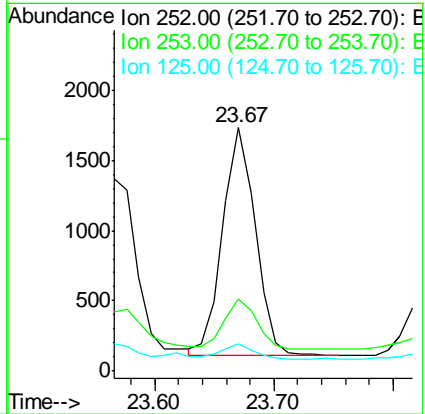
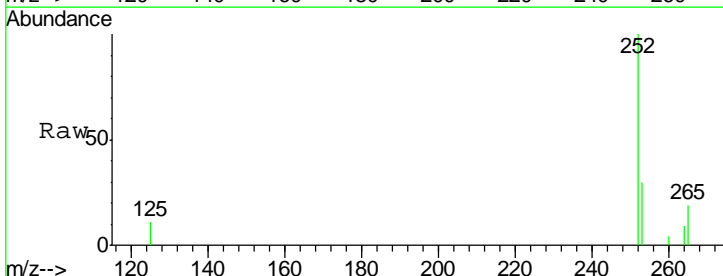
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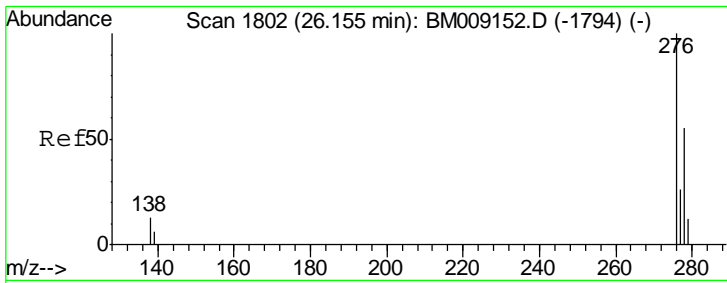
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#23
 Benzo(a)pyrene
 Concen: 0.75 ng/ul
 RT: 23.67 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

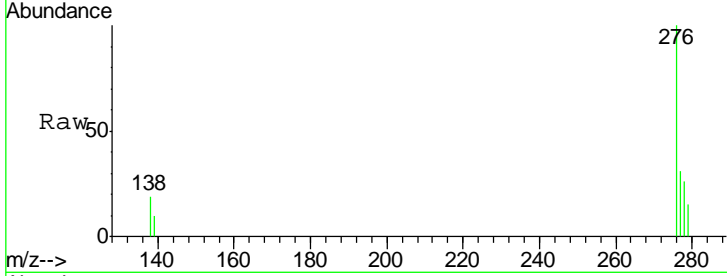
Tgt Ion	Resp	Lower	Upper
252	3089		
252	100		
253	29.7	28.5	42.7
125	11.0	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.42 ng/ul
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

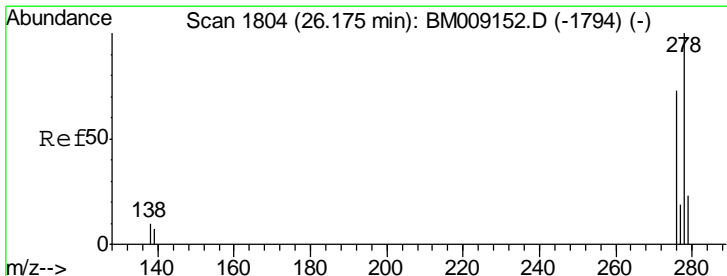
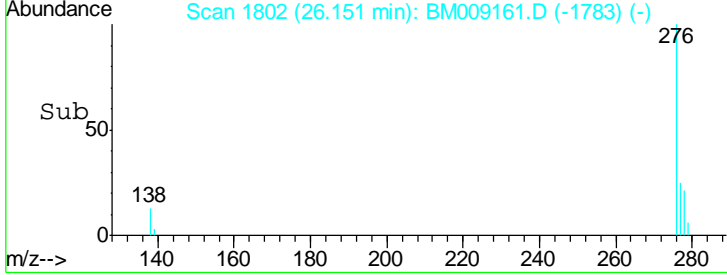
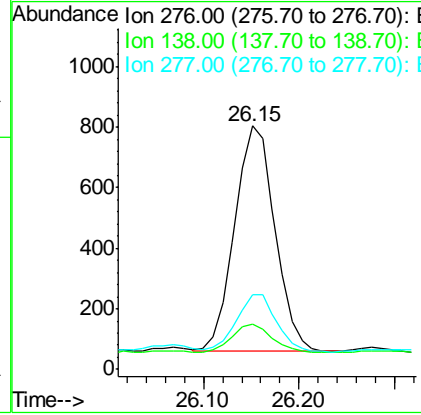
Instrument :
 BNA_M
 ClientSampled :
 C0AK7DL



Tgt Ion	Resp	Lower	Upper
276	100		
138	12.8	19.1	28.7#
277	25.3	19.6	29.4

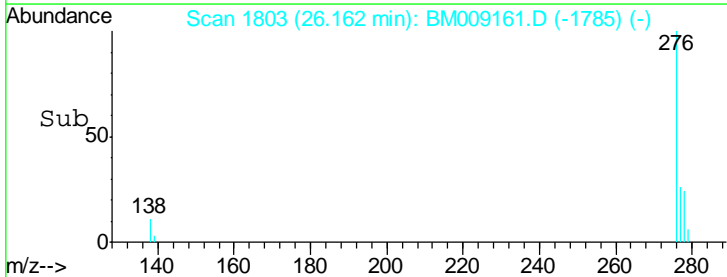
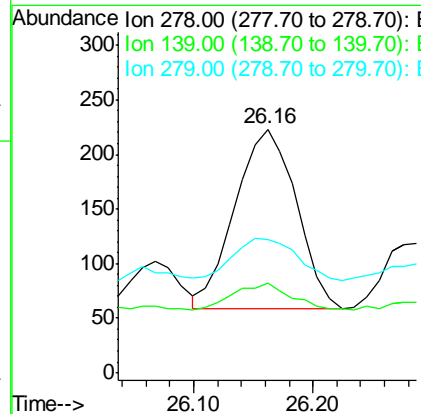
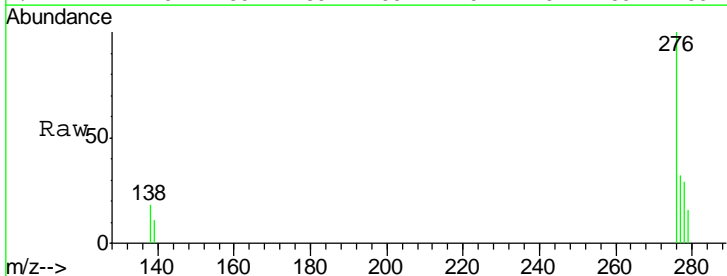
Manual Integrations
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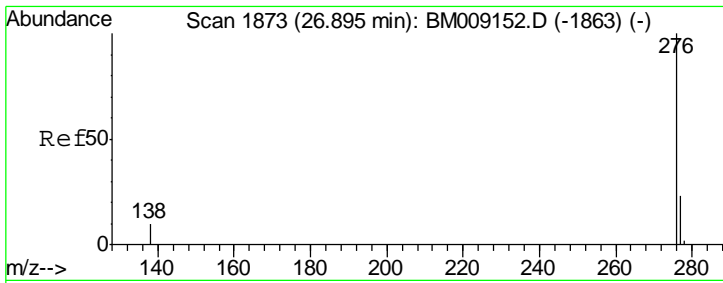
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.13 ng/ul
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

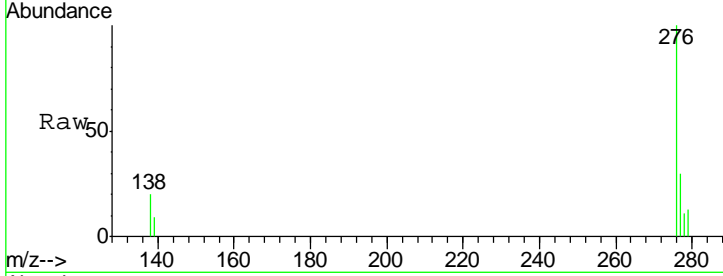
Tgt Ion	Resp	Lower	Upper
278	100		
139	36.8	17.4	26.0#
279	54.7	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.42 ng/ul
 RT: 26.89 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BM009161.D
 Acq: 10 Mar 2017 00:33

Instrument :
 BNA_M
ClientSampled :
 C0AK7DL



Tgt Ion: 276 Resp: 1902

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.8	32.8
138	19.6	20.5	30.7#

Manual Integrations
APPROVED
 mohammad
 3/10/2017 6:01:48 PM

