

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030917\
 Data File : BM009145.D
 Acq On : 09 Mar 2017 14:57
 Operator : SJ/MA
 Sample : I2062-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK7

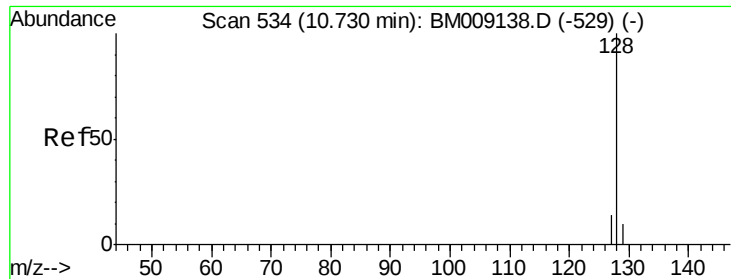
Manual Integrations
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mohammad
 3/10/2017 6:00:46 PM

Quant Time: Mar 09 15:53:08 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 15:10:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	257	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	786	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	474	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1041m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1186m	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1045m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	360	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	960	0.29	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	1754	0.77	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	1335	0.82	ng/ul	99
7) Acenaphthylene	14.23	152	796	0.32	ng/ul#	76
8) Acenaphthene	14.59	153	137	0.07	ng/ul#	83
9) Fluorene	15.58	166	270	0.12	ng/ul#	89
12) Phenanthrene	17.31	178	5441m	1.66	ng/ul	
13) Anthracene	17.40	178	1777	0.55	ng/ul	96
15) Fluoranthene	19.32	202	15748	3.69	ng/ul	94
17) Pyrene	19.68	202	15494m	3.80	ng/ul	
18) Benzo(a)anthracene	21.42	228	13174m	3.34	ng/ul	
19) Chrysene	21.47	228	14110m	3.77	ng/ul	
21) Benzo(b)fluoranthene	23.07	252	26873m	6.55	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	6606m	1.82	ng/ul	
23) Benzo(a)pyrene	23.67	252	14780m	4.00	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	10288m	2.19	ng/ul	
25) Dibenzo(a,h)anthracene	26.16	278	2981m	0.76	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	8593m	2.14	ng/ul	

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



#3

Naphthalene

Concen: 0.77 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Instrument :

BNA_M

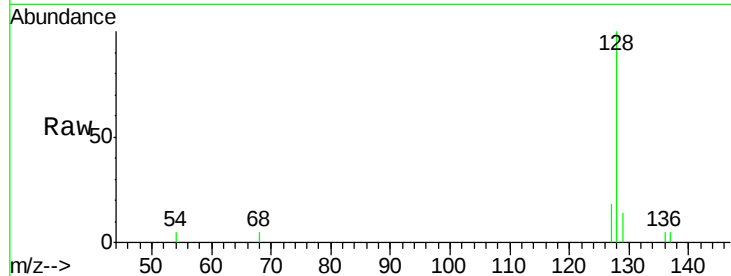
ClientSampleId :

C0AK7

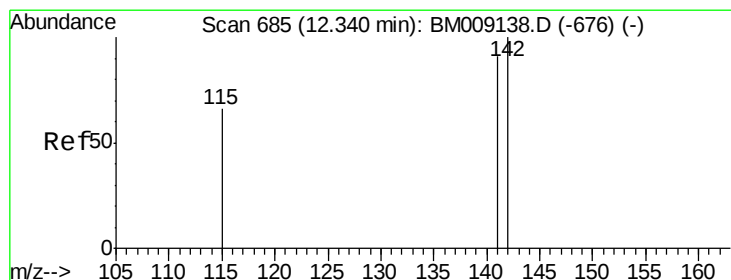
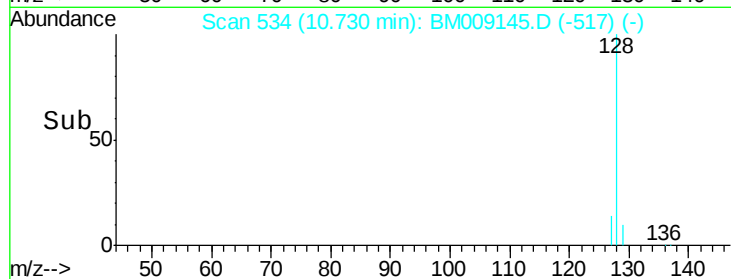
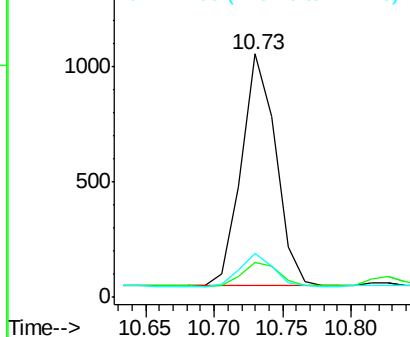
Tgt Ion:	128	Resp:	1754
Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.3	16.9
127	17.9	12.8	19.2

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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: 0.82 ng/ul

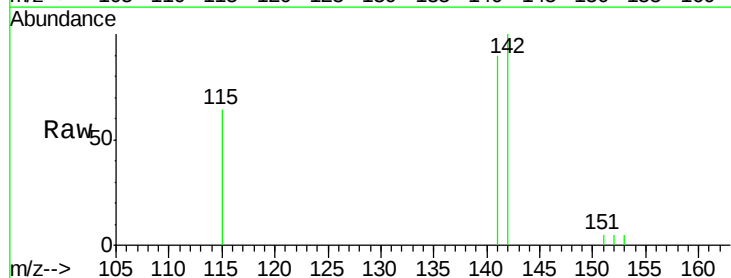
RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

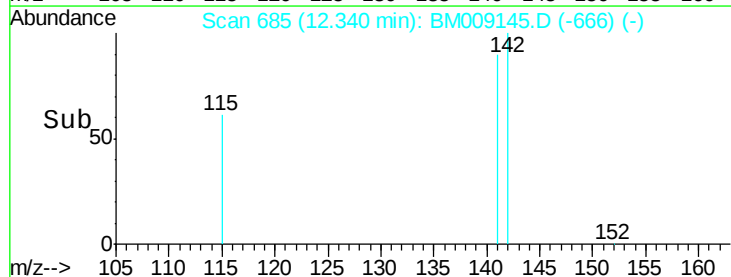
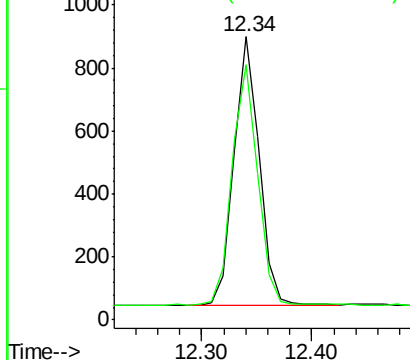
Lab File: BM009145.D

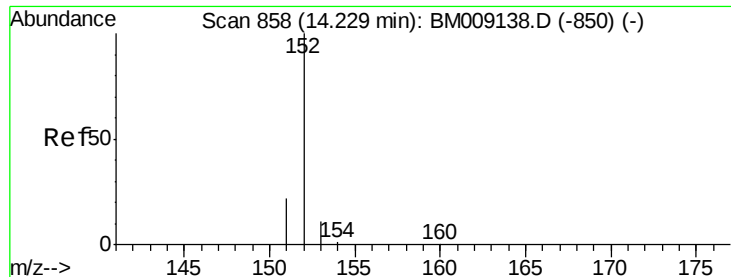
Acq: 09 Mar 2017 14:57

Tgt Ion:	142	Resp:	1335
Ion	Ratio	Lower	Upper
142	100		
141	91.2	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: 0.32 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.02 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Instrument :

BNA_M

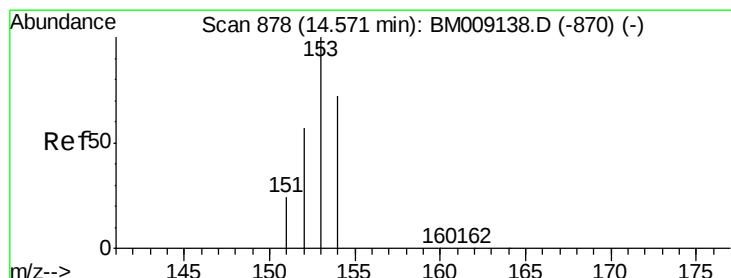
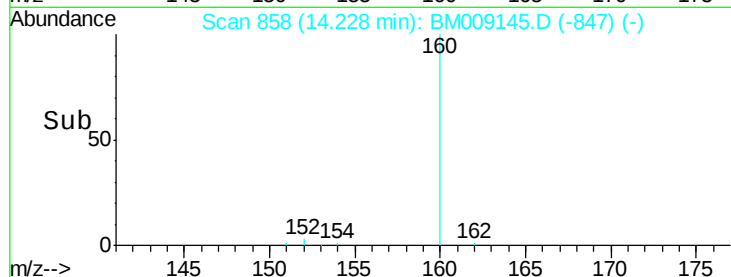
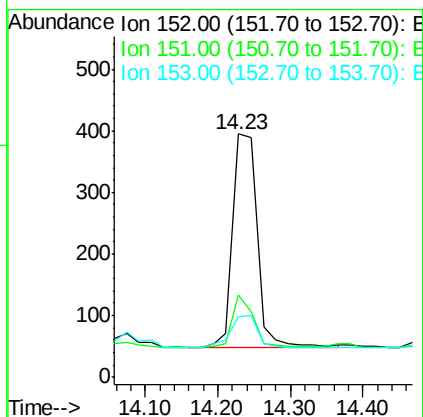
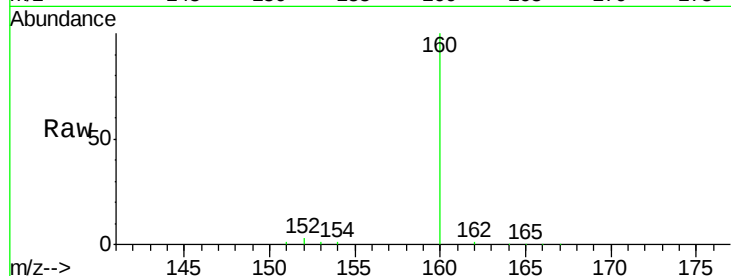
ClientSampled :

C0AK7

Tgt Ion:	152	Resp:	796
Ion Ratio	Lower	Upper	
152	100		
151	33.7	17.1	25.7#
153	24.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.07 ng/ul

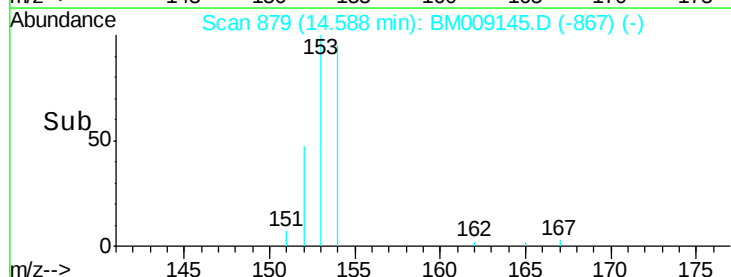
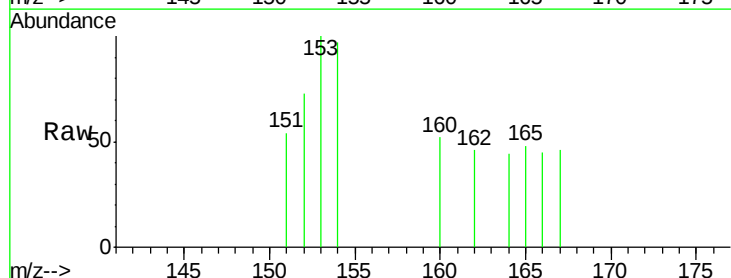
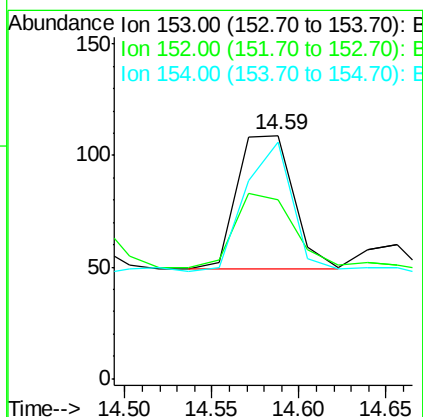
RT: 14.59 min Scan# 879

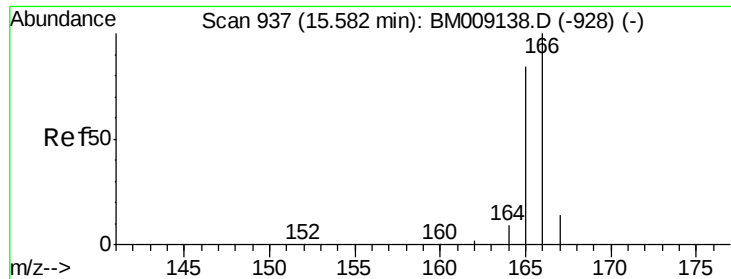
Delta R.T. 0.00 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Tgt Ion:	153	Resp:	137
Ion Ratio	Lower	Upper	
153	100		
152	73.4	40.3	60.5#
154	97.2	71.4	107.2





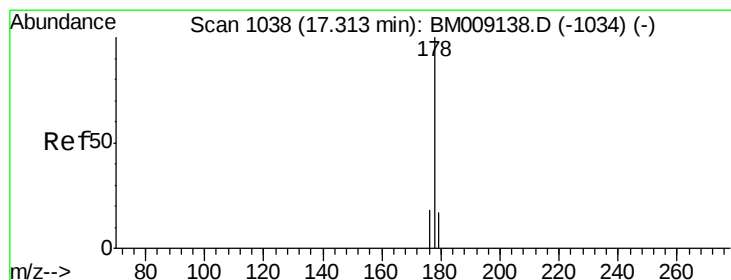
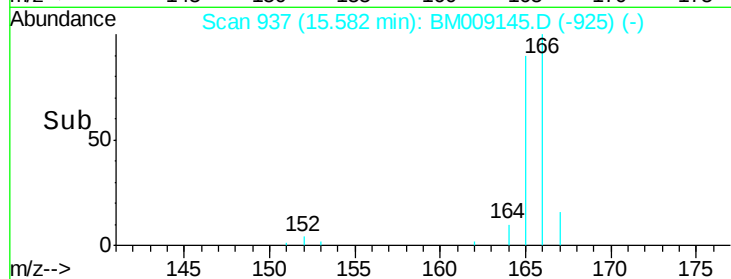
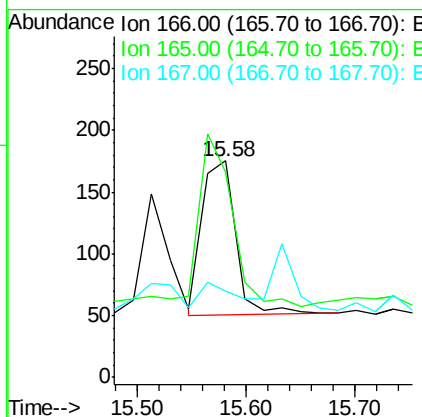
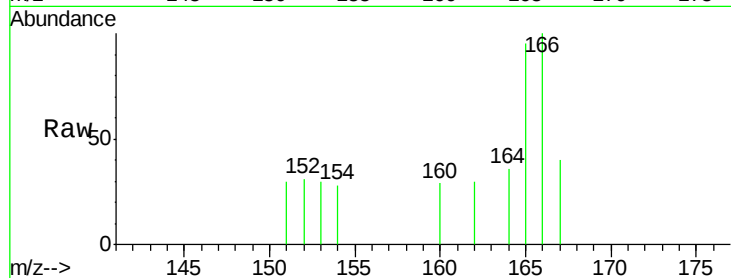
#9
Fluorene
 Concen: 0.12 ng/ul
 RT: 15.58 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Instrument :
 BNA_M
 ClientSampled :
 C0AK7

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	73.4	110.2
167	40.0	14.6	22.0

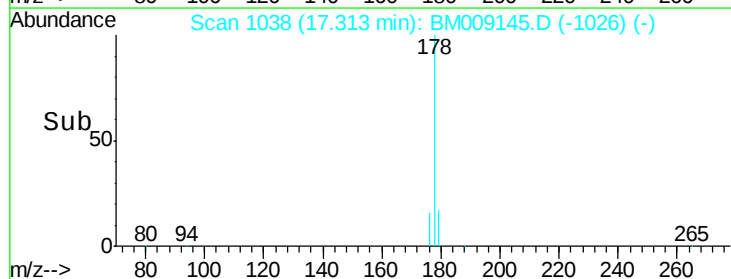
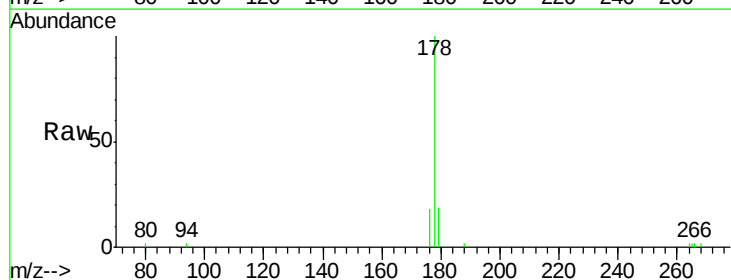
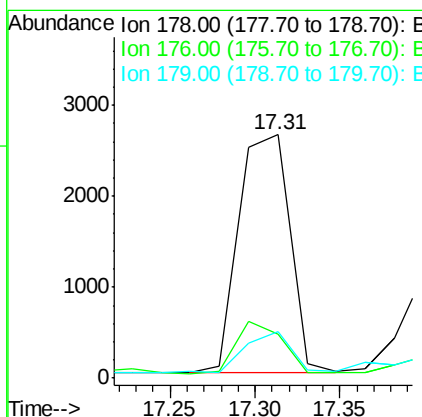
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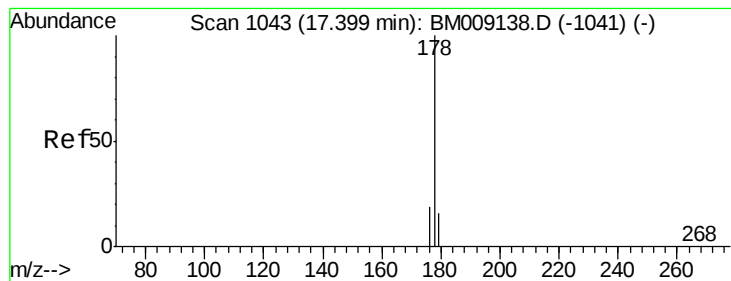
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#12
Phenanthrene
 Concen: 1.66 ng/ul m
 RT: 17.31 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	18.4	27.6
179	19.1	13.6	20.4





#13

Anthracene

Concen: 0.55 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Instrument :

BNA_M

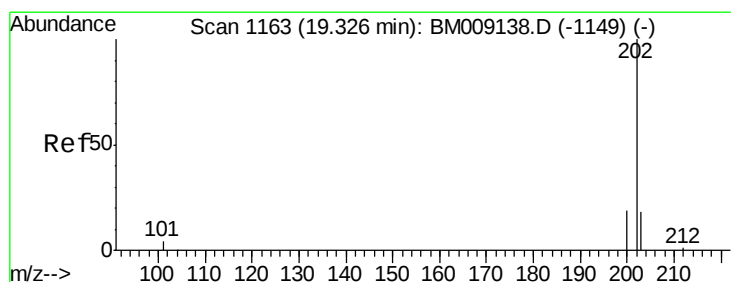
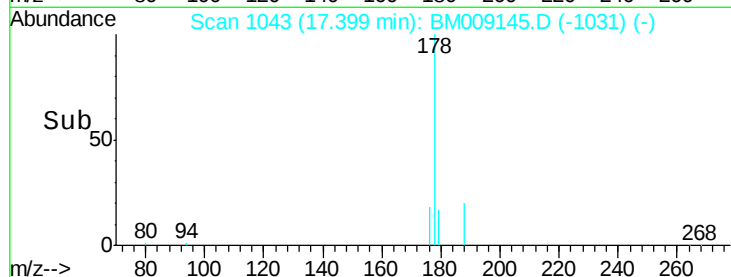
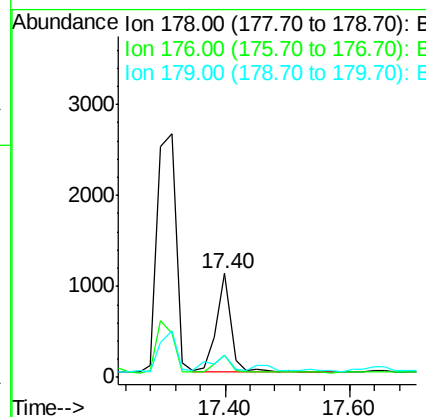
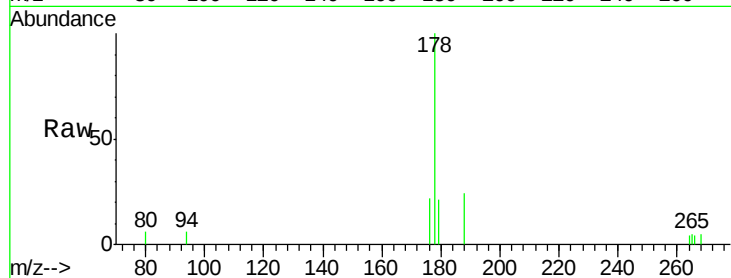
ClientSampleId :

C0AK7

Tgt Ion:	178	Resp:	1777
Ion Ratio	Lower	Upper	
178	100		
176	21.5	18.1	27.1
179	20.9	14.7	22.1

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#15

Fluoranthene

Concen: 3.69 ng/ul

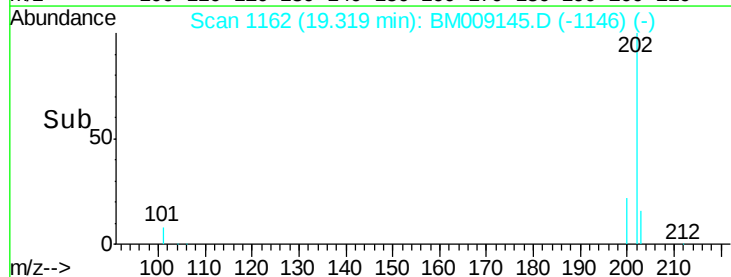
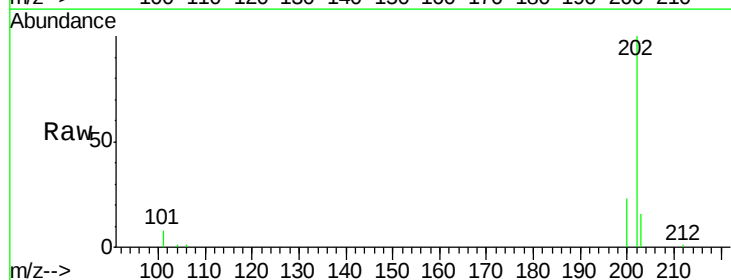
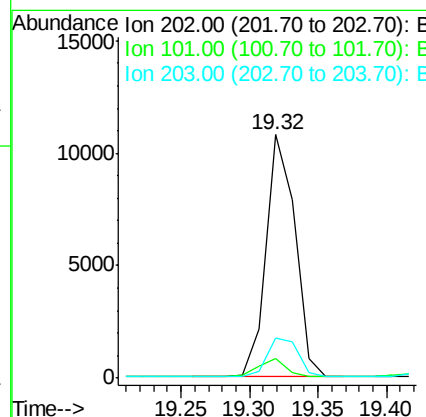
RT: 19.32 min Scan# 1162

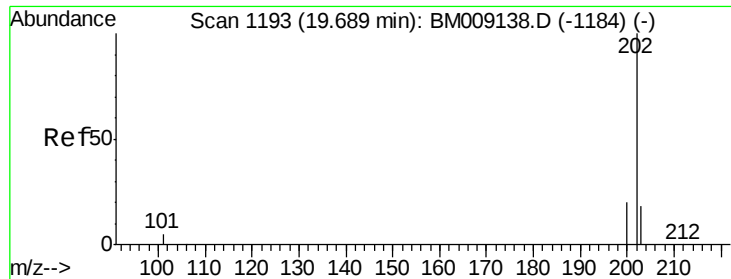
Delta R.T. -0.01 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Tgt Ion:	202	Resp:	15748
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	30.3
203	16.5	0.0	39.5





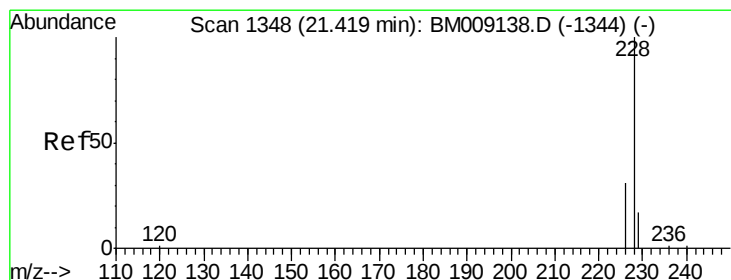
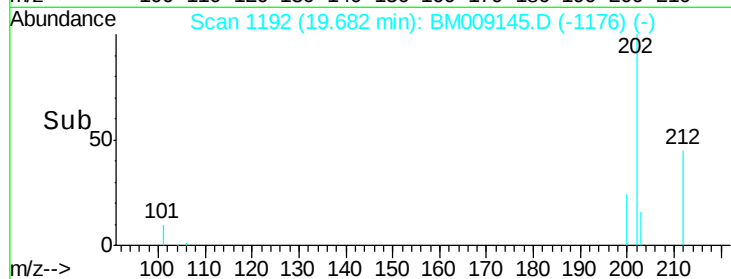
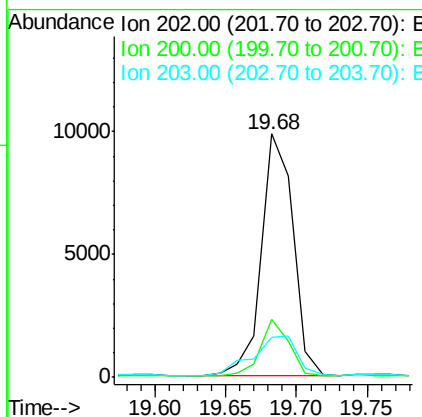
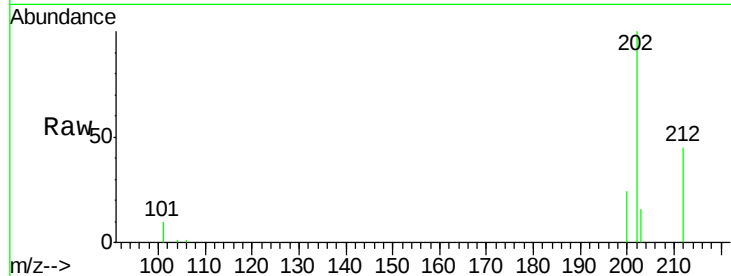
#17
 Pyrene
 Concen: 3.80 ng/ul m
 RT: 19.68 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AK7

Tgt Ion:	202	Resp:	15494
Ion Ratio	Lower	Upper	
202	100		
200	23.9	18.2	27.4
203	16.4	15.6	23.4

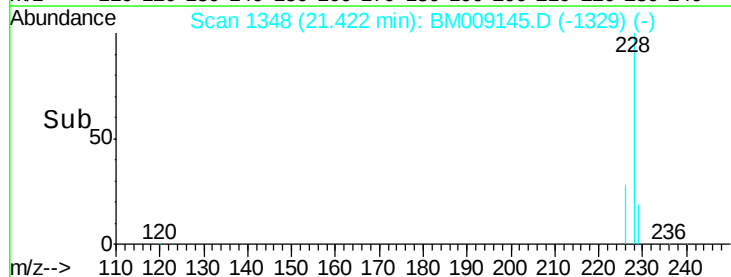
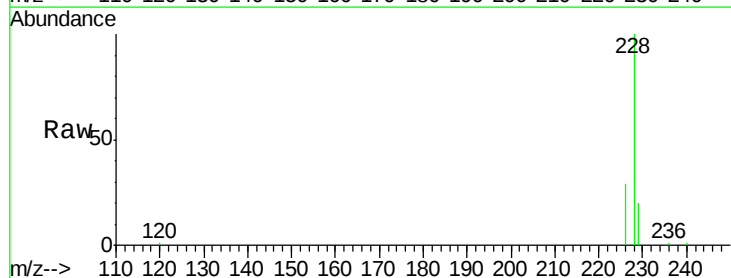
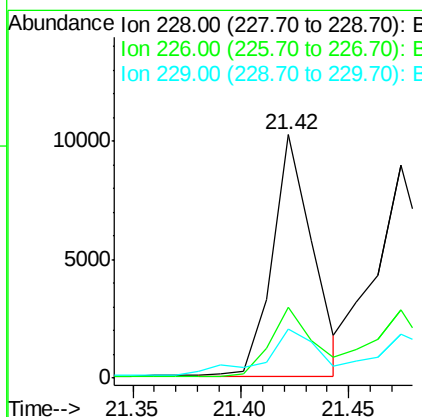
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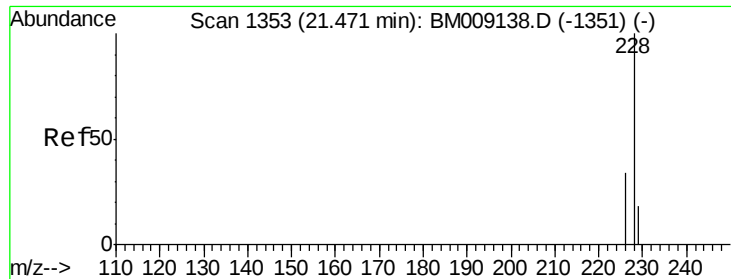
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#18
 Benzo(a)anthracene
 Concen: 3.34 ng/ul m
 RT: 21.42 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Tgt Ion:	228	Resp:	13174
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.8	34.2
229	20.0	17.0	25.6





#19

Chrysene

Concen: 3.77 ng/ul m

RT: 21.47 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Instrument :

BNA_M

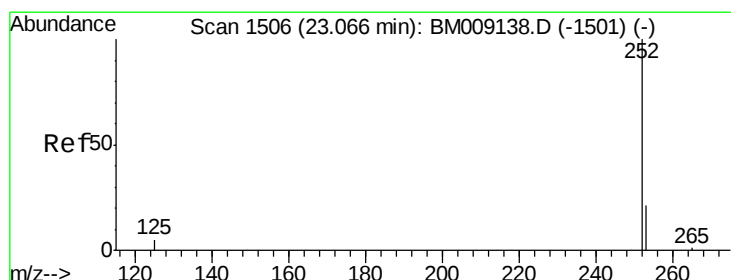
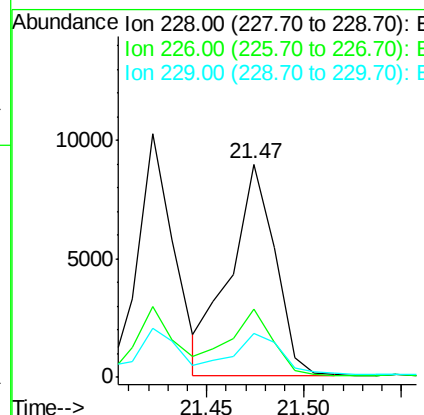
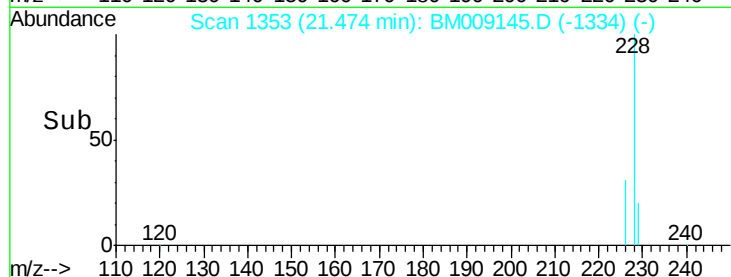
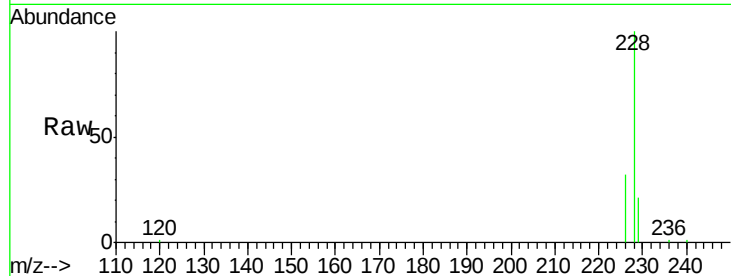
ClientSampleId :

C0AK7

Tgt Ion:	228	Resp:	14110
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	20.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.55 ng/ul m

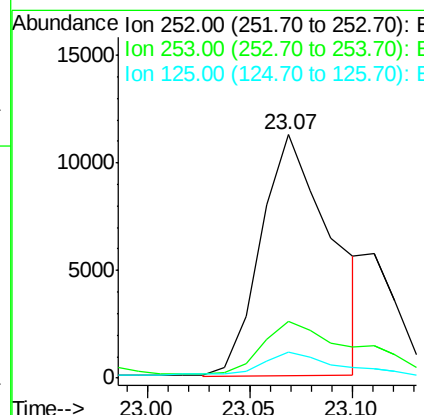
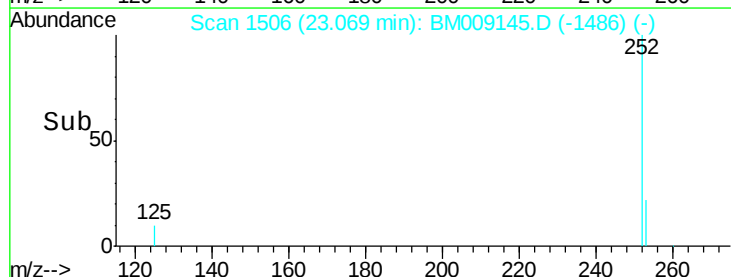
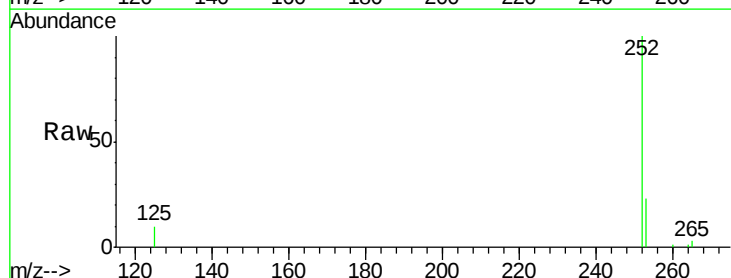
RT: 23.07 min Scan# 1506

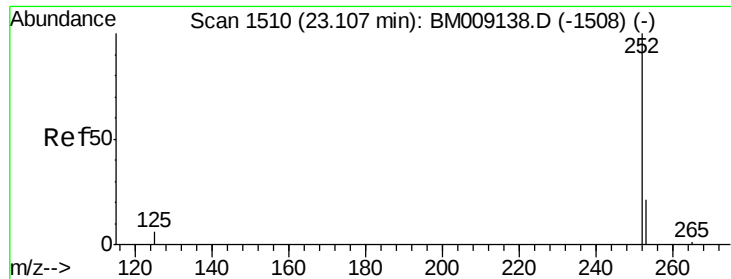
Delta R.T. 0.00 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Tgt Ion:	252	Resp:	26873
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	10.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.82 ng/ul m

RT: 23.11 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Instrument :

BNA_M

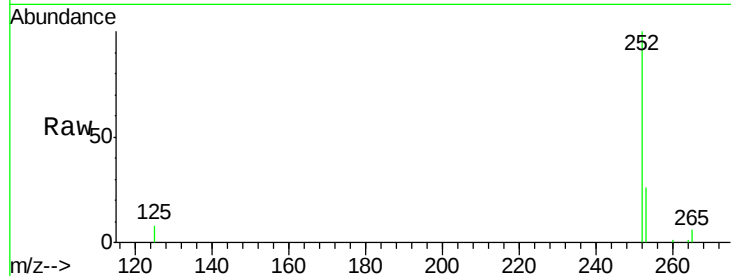
ClientSampleId :

C0AK7

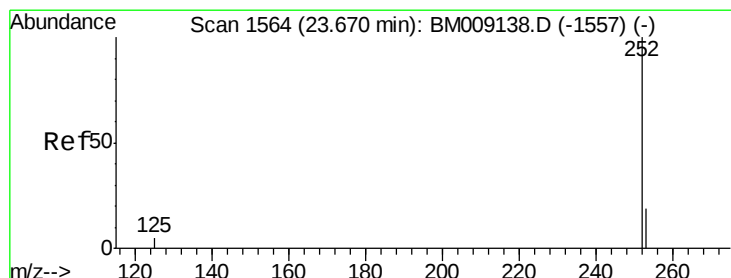
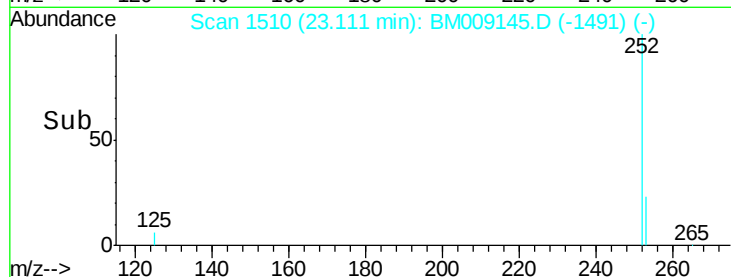
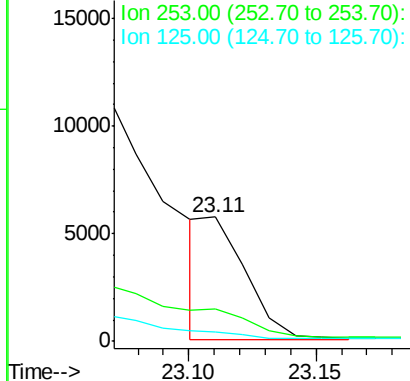
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.5	36.7
125	7.6	13.7	20.5#

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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: 4.00 ng/ul m

RT: 23.67 min Scan# 1564

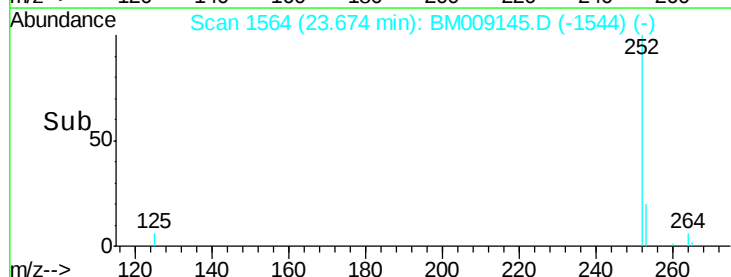
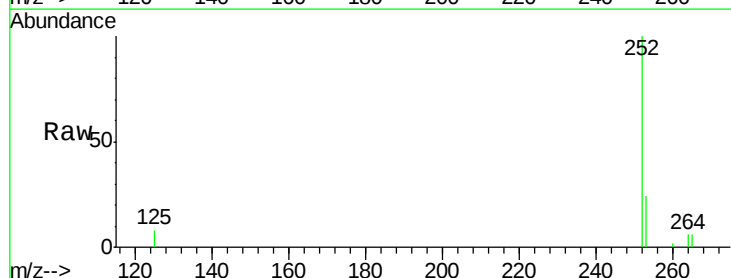
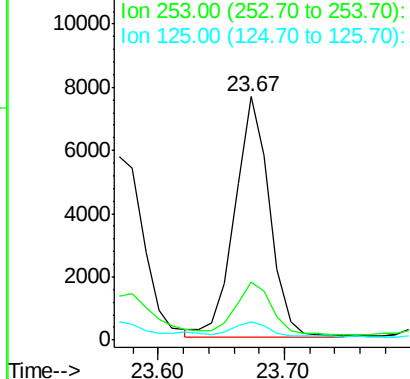
Delta R.T. 0.00 min

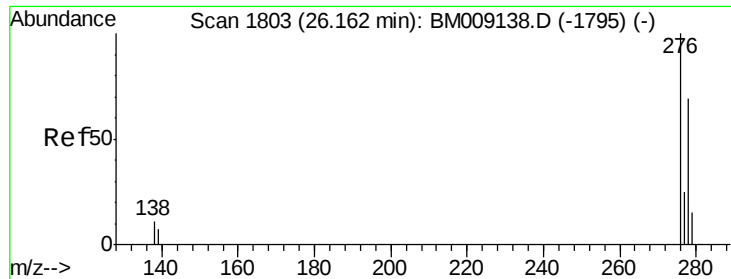
Lab File: BM009145.D

Acq: 09 Mar 2017 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	7.7	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





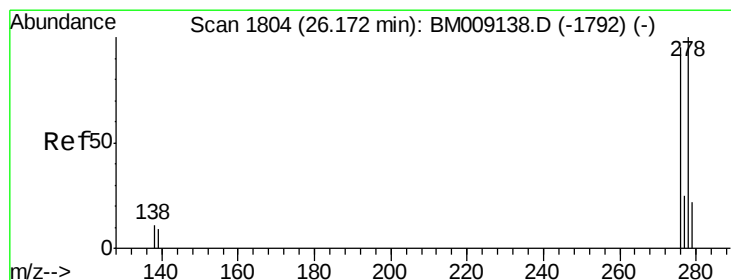
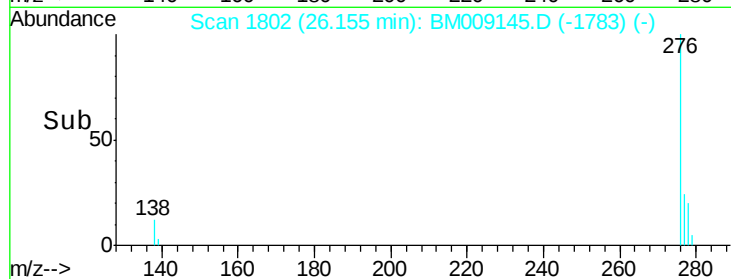
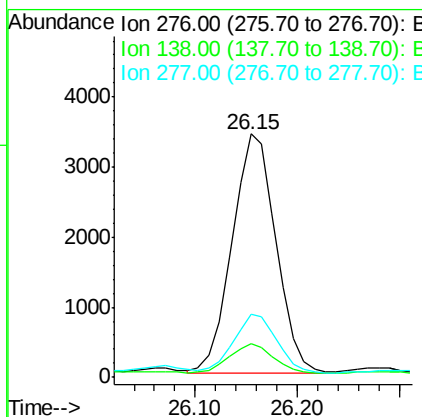
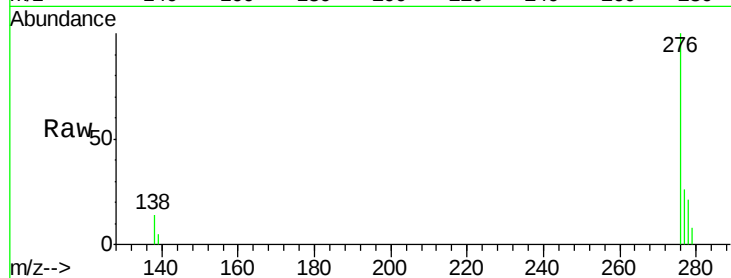
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.19 ng/ul m
 RT: 26.15 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AK7

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	1.4	19.1	28.7#
277	2.0	19.6	29.4#

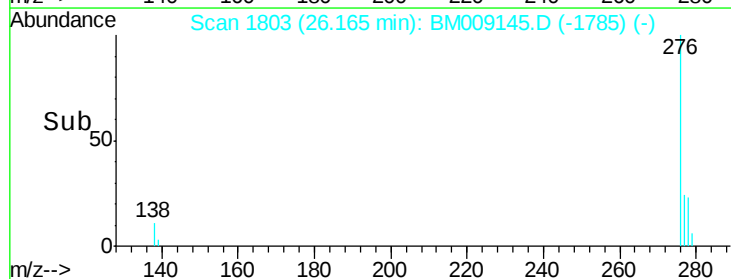
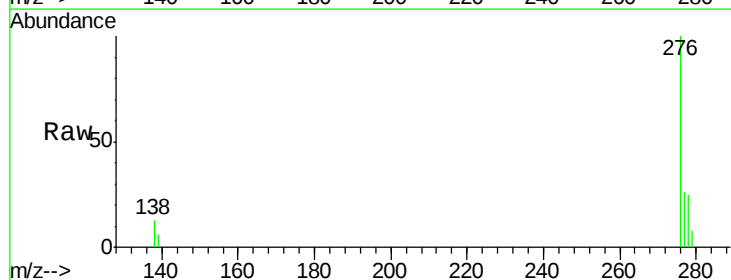
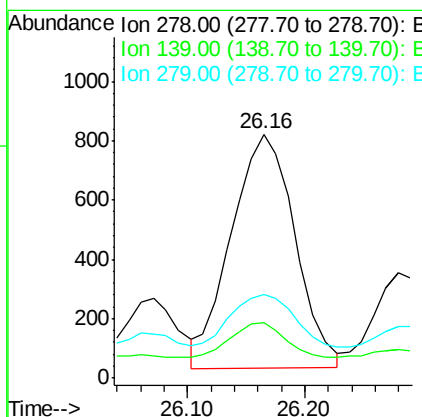
Manual Integrations
 APPROVED

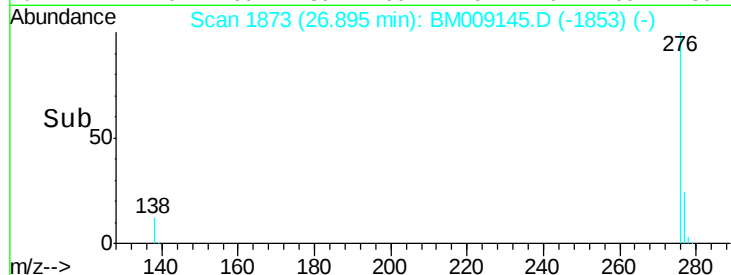
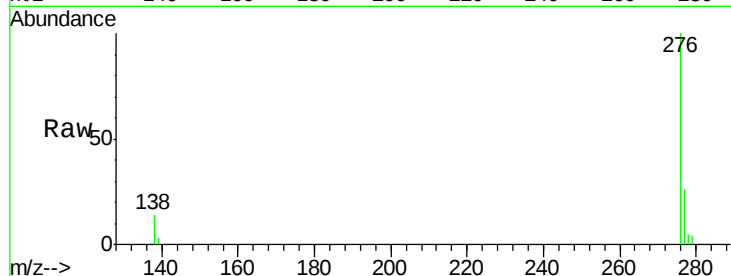
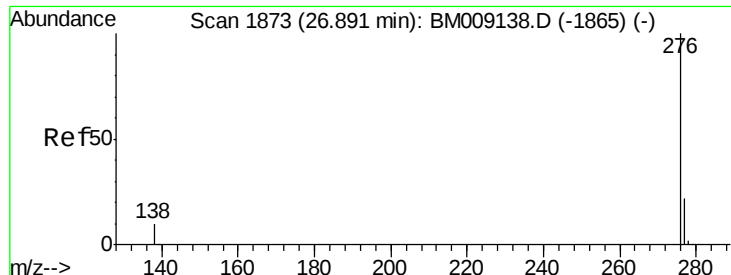
mohammad
 3/10/2017 6:00:46 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.76 ng/ul m
 RT: 26.16 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BM009145.D
 Acq: 09 Mar 2017 14:57

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.7	17.4	26.0
279	34.5	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.14 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM009145.D
Acq: 09 Mar 2017 14:57

Tgt Ion:	276	Resp:	8593
Ion Ratio	Lower	Upper	
276	100		
277	25.7	21.8	32.8
138	13.7	20.5	30.7#

Instrument :
BNA_M
ClientSampleId :
C0AK7

Manual Integrations
APPROVED

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3/10/2017 6:00:46 PM

