

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
 Data File : BM003593.D
 Acq On : 17 Dec 2015 00:31
 Operator : UM/IZ
 Sample : G4767-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N39

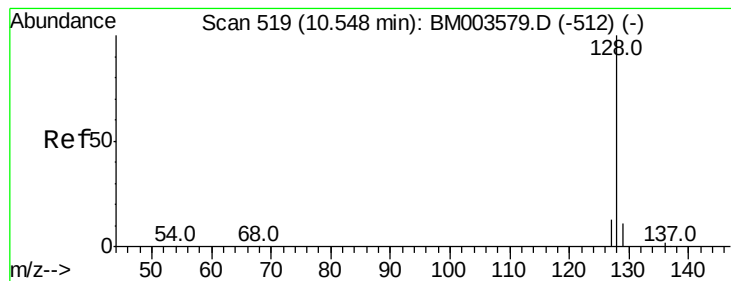
Manual Integrations
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MMdadoda
 12/17/2015 5:36:19 PM

Quant Time: Dec 17 08:16:32 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	3676	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	15788	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	10585	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	16456m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	14424	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	16708m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	14143	9.00	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	4884	0.26	ng/ul	-0.01
16) Fluoranthene-d10	19.14	212	10126m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	1356619	38.14	ng/ul	98
7) 2-Methylnaphthalene	12.16	142	536233	22.46	ng/ul	99
9) Acenaphthylene	14.07	152	106172	2.63	ng/ul#	91
10) Acenaphthene	14.42	153	1118555	34.32	ng/ul	87
11) Fluorene	15.41	166	1083804	30.00	ng/ul	84
14) Phenanthrene	17.14	178	4088815m	96.33	ng/ul	
15) Anthracene	17.23	178	335509	9.14	ng/ul#	94
17) Fluoranthene	19.17	202	2342673	50.82	ng/ul	95
19) Pyrene	19.54	202	1658829	42.60	ng/ul	93
20) Benzo(a)anthracene	21.28	228	371269	10.54	ng/ul#	92
21) Chrysene	21.34	228	266853m	6.61	ng/ul	
23) Benzo(b)fluoranthene	22.88	252	166956m	2.93	ng/ul	
24) Benzo(k)fluoranthene	22.90	252	64455m	1.25	ng/ul	
25) Benzo(a)pyrene	23.45	252	102715m	2.14	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.82	276	31695m	0.57	ng/ul	
27) Dibenzo(a,h)anthracene	25.82	278	8261m	0.18	ng/ul	
28) Benzo(g,h,i)perylene	26.51	276	26060m	0.54	ng/ul	

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



#5

Naphthalene

Concen: 38.14 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Instrument :

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Tot Ion:128 Resp: 1356619

Ion Ratio Lower Upper

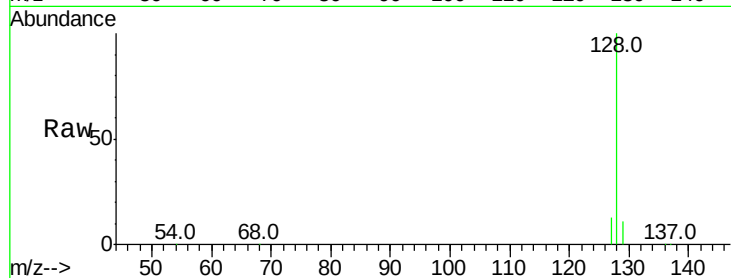
128 100

129 11.0 9.0 13.6

127 12.9 9.6 14.4

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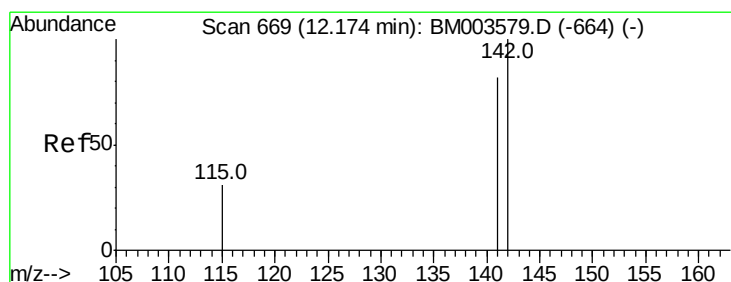
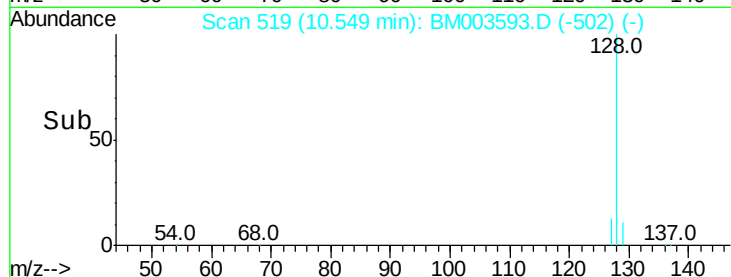
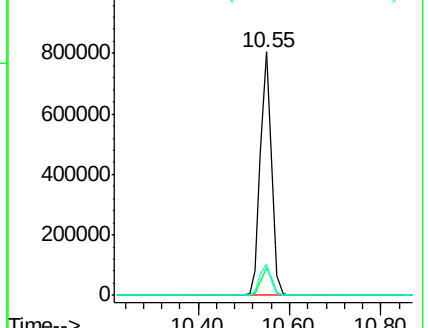
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 22.46 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM003593.D

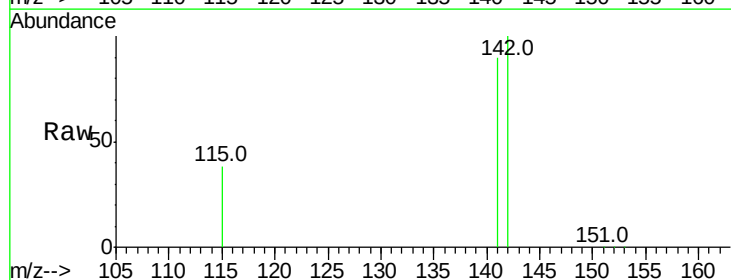
Acq: 17 Dec 2015 00:31

Tgt Ion:142 Resp: 536233

Ion Ratio Lower Upper

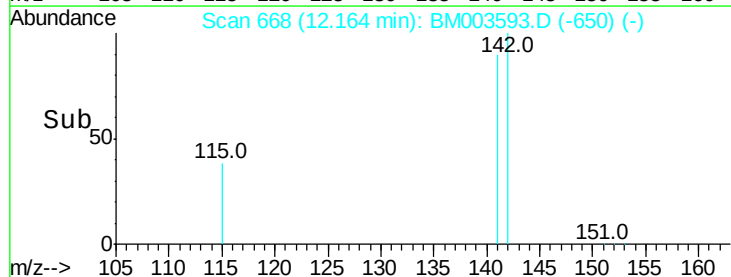
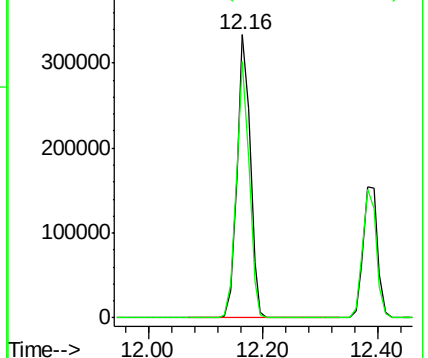
142 100

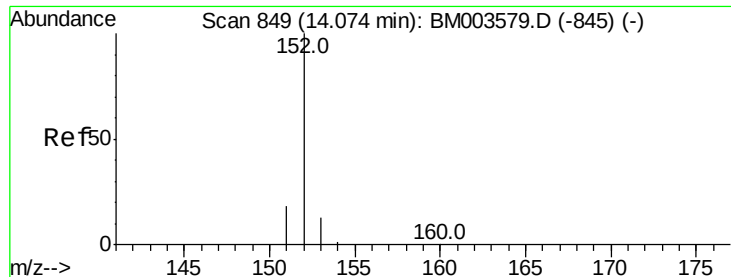
141 88.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 2.63 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Instrument :

BNA_M

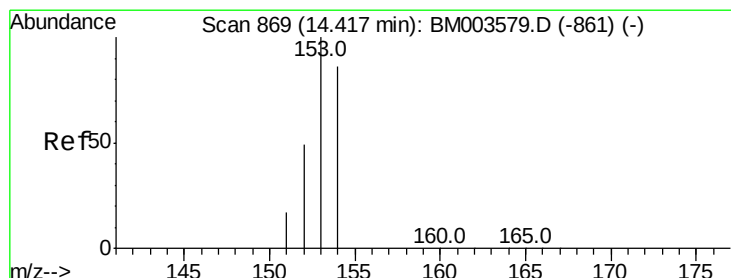
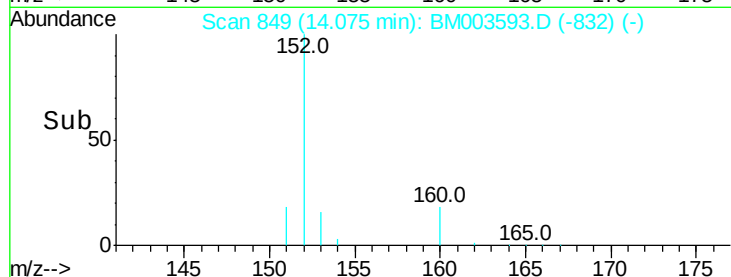
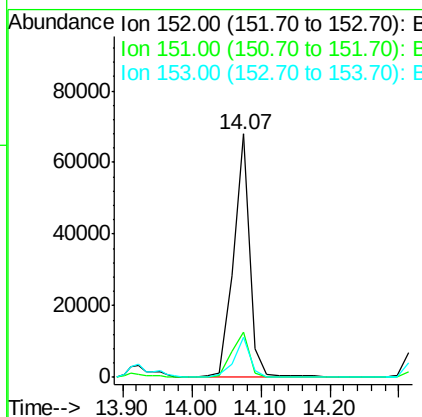
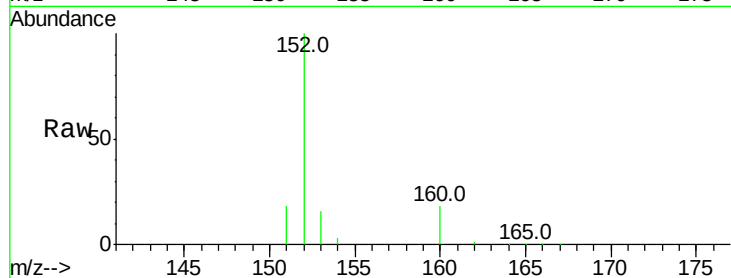
ClientSampleId :

D9N39

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Tot Ion:	152	Resp:	106172
Ion Ratio	Lower	Upper	
152	100		
151	18.4	17.6	26.4
153	16.4	9.7	14.5#



#10

Acenaphthene

Concen: 34.32 ng/ul

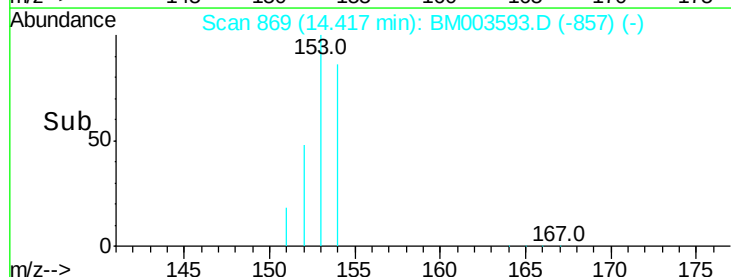
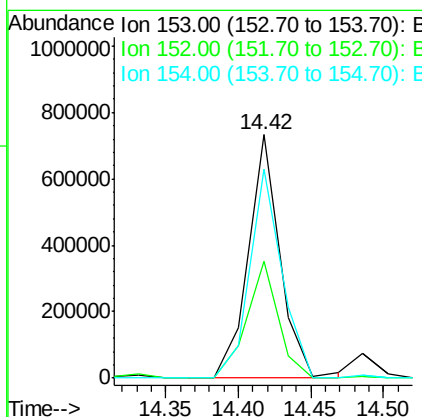
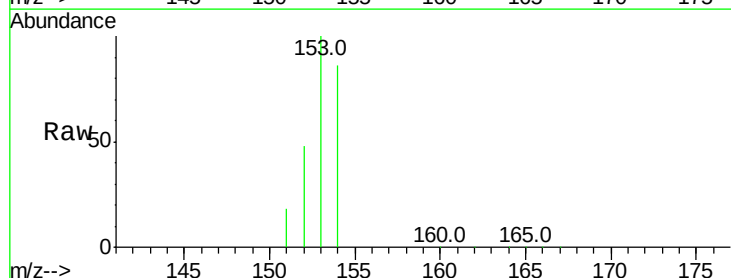
RT: 14.42 min Scan# 869

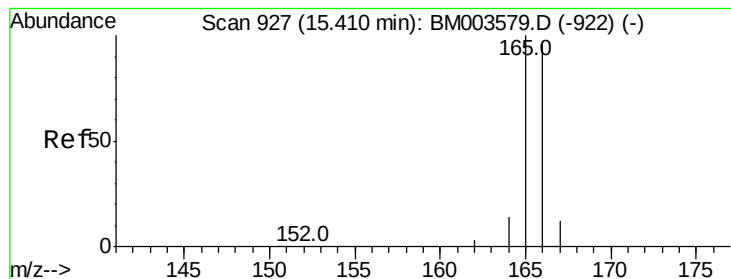
Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Tgt Ion:	153	Resp:	1118555
Ion Ratio	Lower	Upper	
153	100		
152	47.9	33.9	50.9
154	85.9	80.6	121.0





#11

Fluorene

Concen: 30.00 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Instrument :

BNA_M

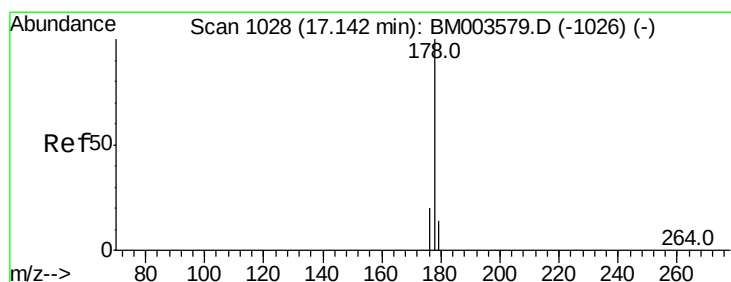
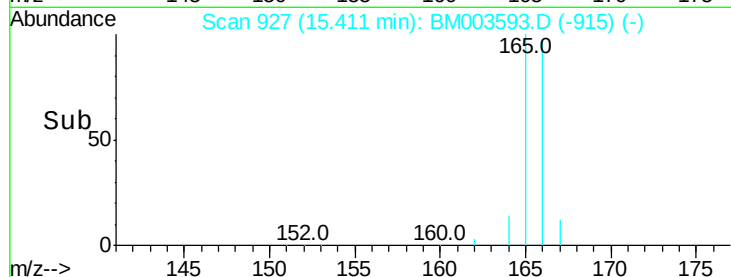
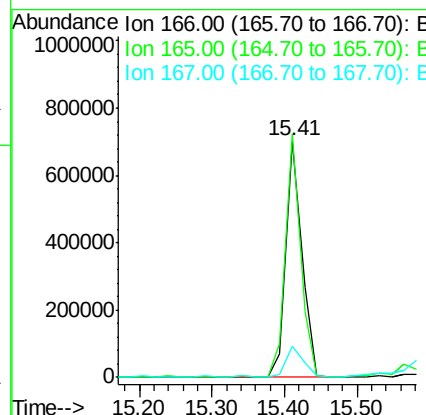
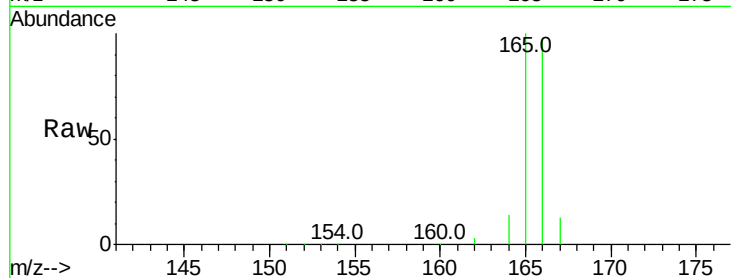
ClientSampleId :

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Tot Ion:166	Resp: 1083804
Ion Ratio	Lower Upper
166 100	
165 103.2	69.6 104.4
167 13.2	11.9 17.9



#14

Phenanthrene

Concen: 96.33 ng/ul m

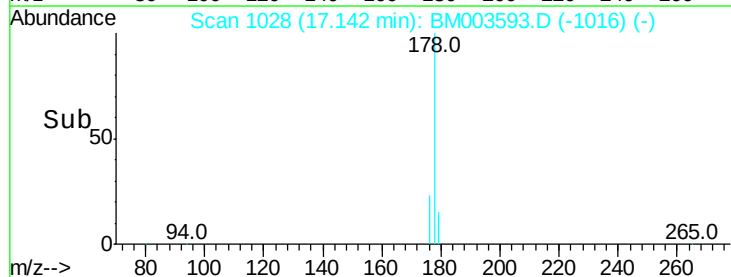
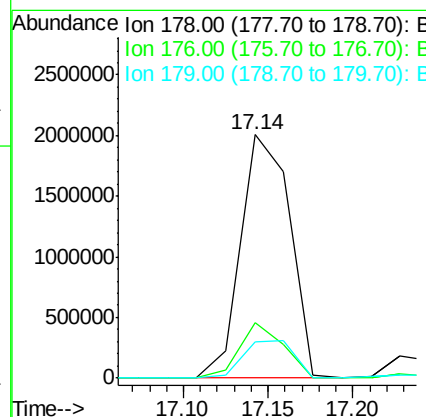
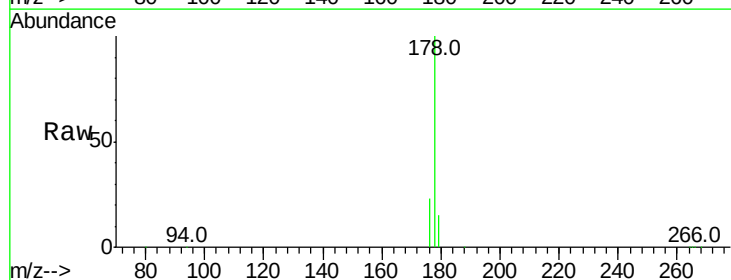
RT: 17.14 min Scan# 1028

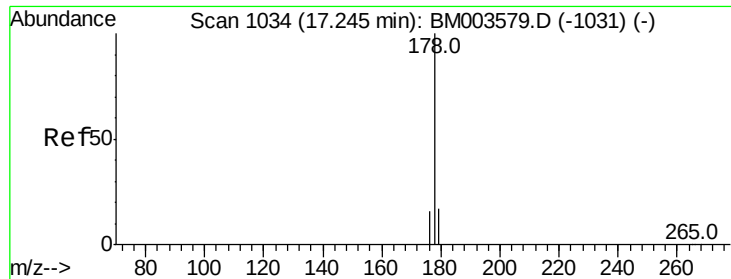
Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Tgt Ion:178	Resp: 4088815
Ion Ratio	Lower Upper
178 100	
176 22.6	13.0 19.4#
179 14.8	14.2 21.2





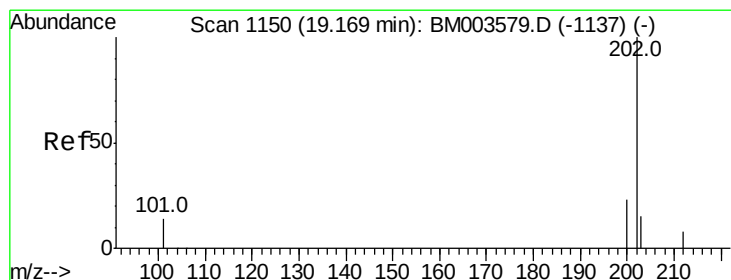
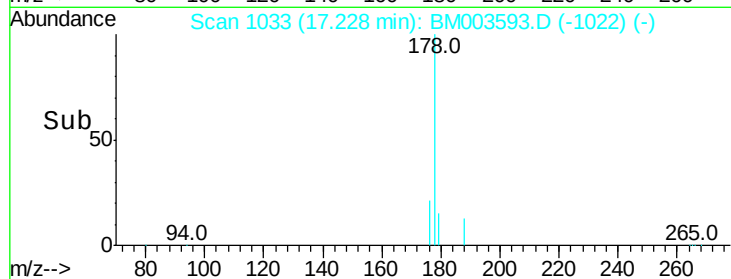
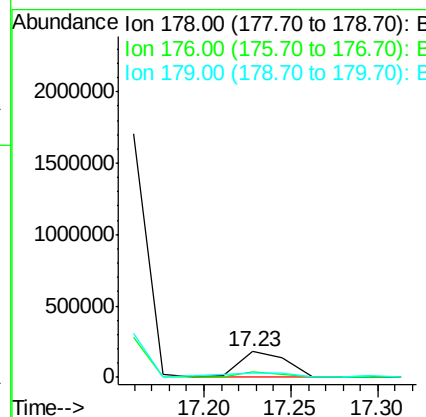
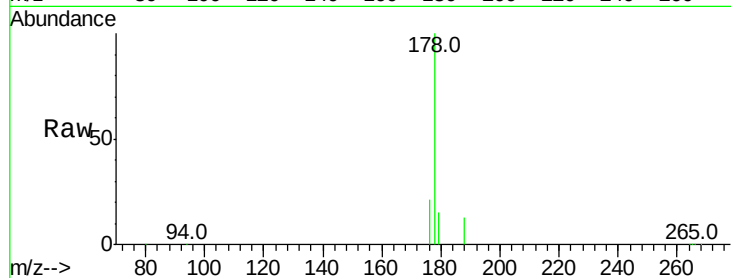
#15
 Anthracene
 Concen: 9.14 ng/ul
 RT: 17.23 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BM003593.D
 Acq: 17 Dec 2015 00:31

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:178 Resp: 335509
 Ion Ratio Lower Upper
 178 100
 176 21.5 14.0 21.0#
 179 14.6 12.9 19.3

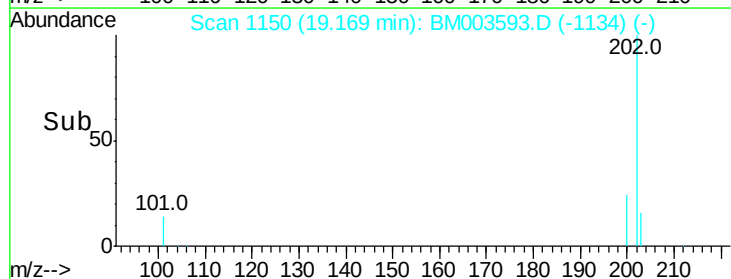
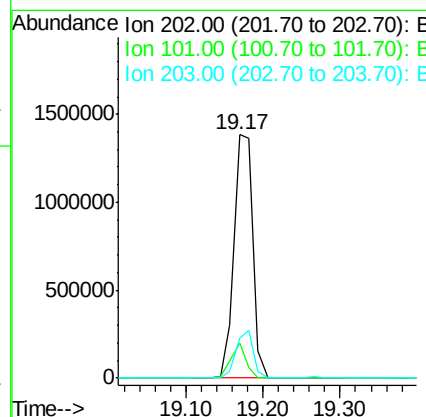
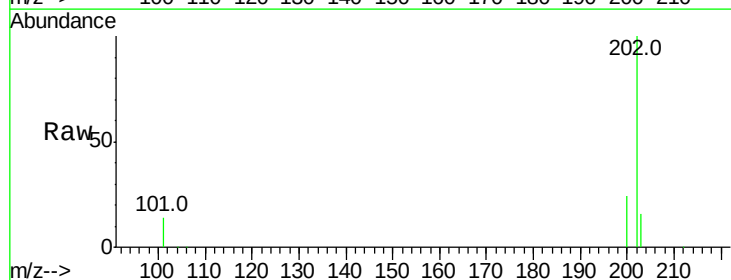
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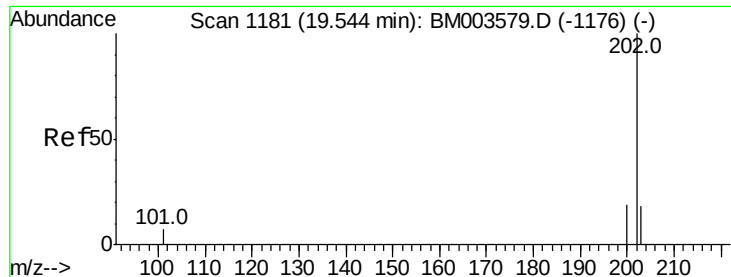
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#17
 Fluoranthene
 Concen: 50.82 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM003593.D
 Acq: 17 Dec 2015 00:31

Tgt Ion:202 Resp: 2342673
 Ion Ratio Lower Upper
 202 100
 101 14.3 0.0 29.6
 203 16.3 0.0 36.3





#19

Pvrene

Concen: 42.60 ng/ul

RT: 19.54 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Instrument :

BNA_M

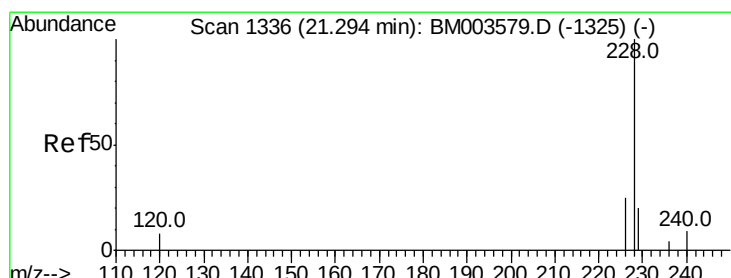
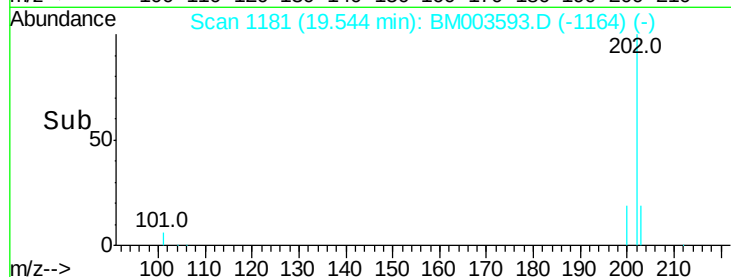
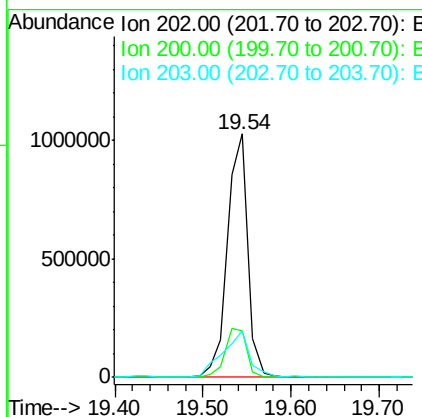
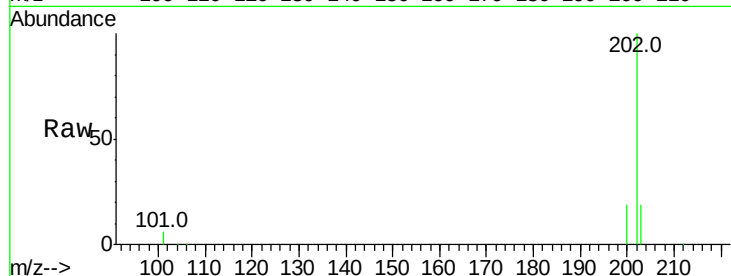
ClientSampleId :

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Tot Ion:	202	Resp:	1658829
Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.8	26.8
203	19.2	12.8	19.2



#20

Benzo(a)anthracene

Concen: 10.54 ng/ul

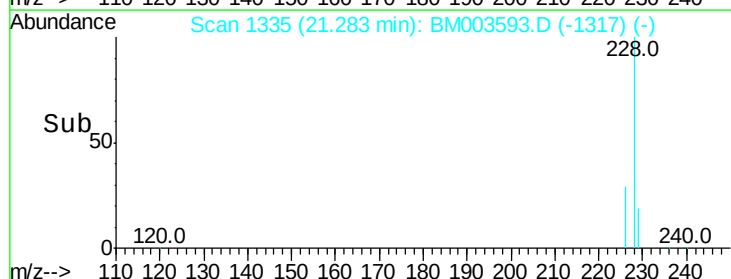
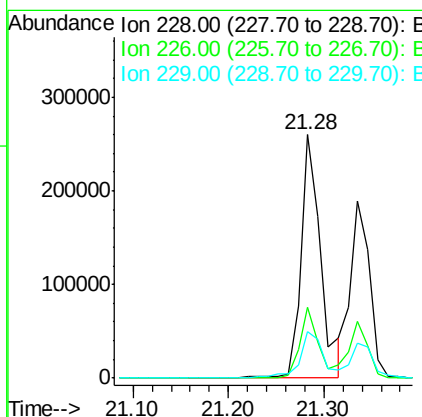
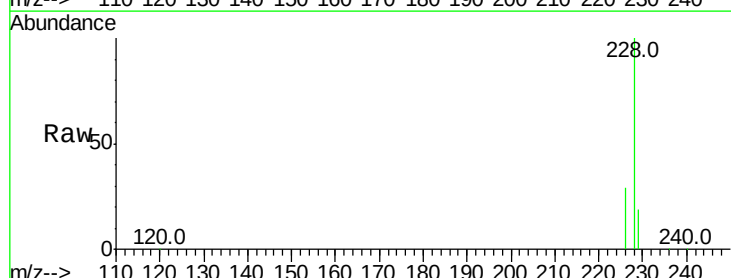
RT: 21.28 min Scan# 1335

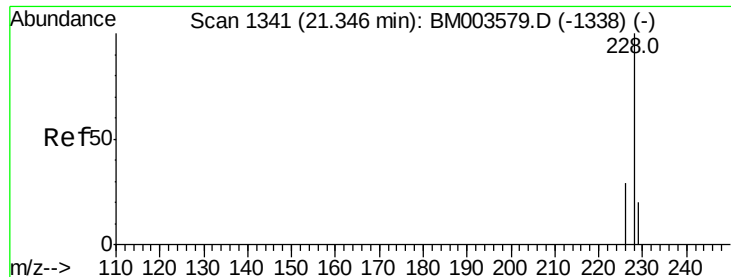
Delta R.T. -0.01 min

Lab File: BM003593.D

Acq: 17 Dec 2015 00:31

Tgt Ion:	228	Resp:	371269
Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	19.1	17.1	25.7





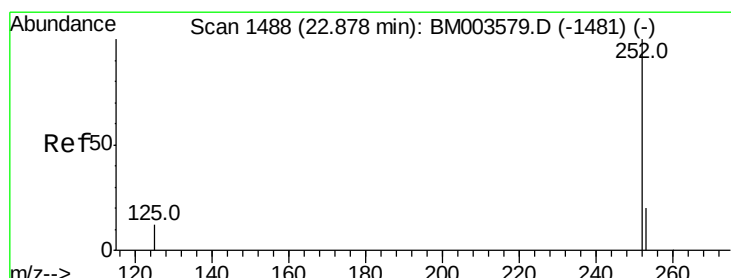
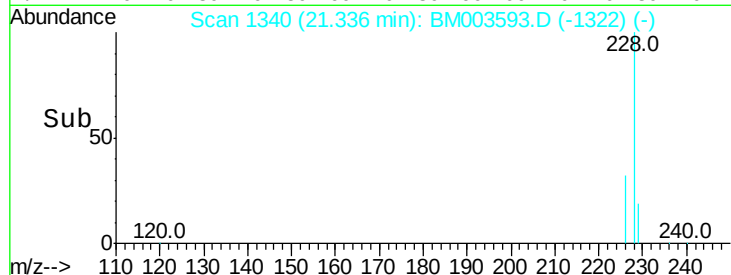
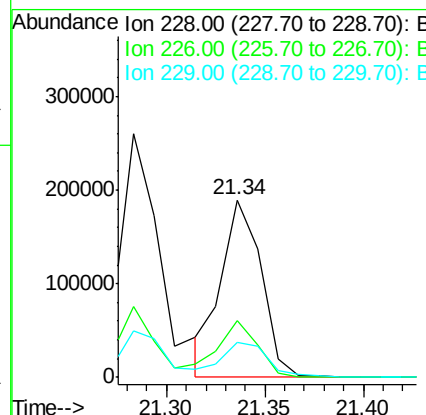
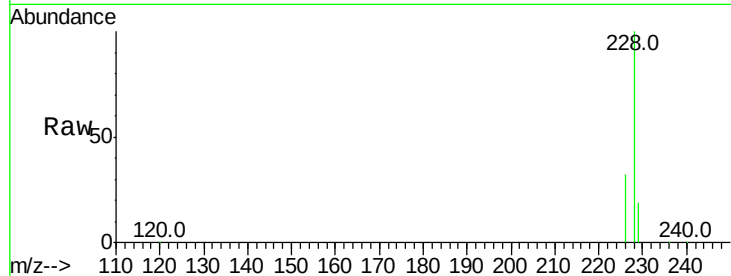
#21
Chrysene
Concen: 6.61 ng/ul m
RT: 21.34 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM003593.D
Acq: 17 Dec 2015 00:31

Instrument :
BNA_M
ClientSampleId :
D9N39

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.2	31.8#
229	19.4	17.0	25.6

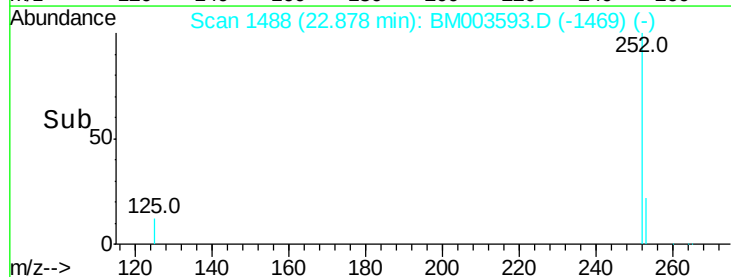
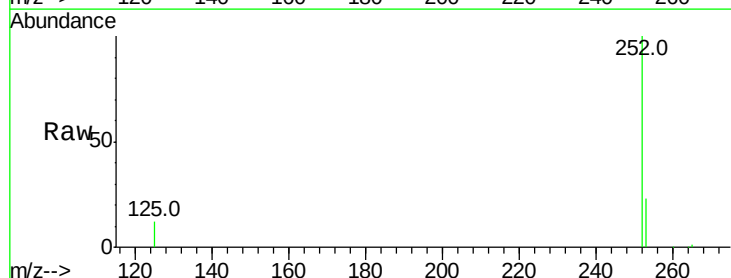
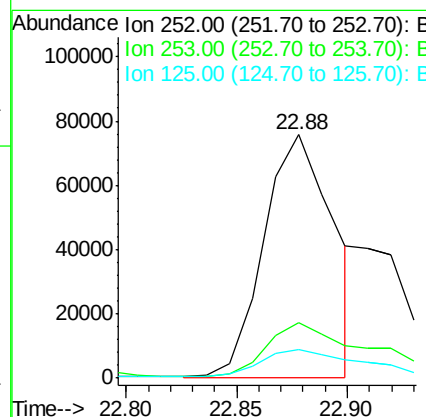
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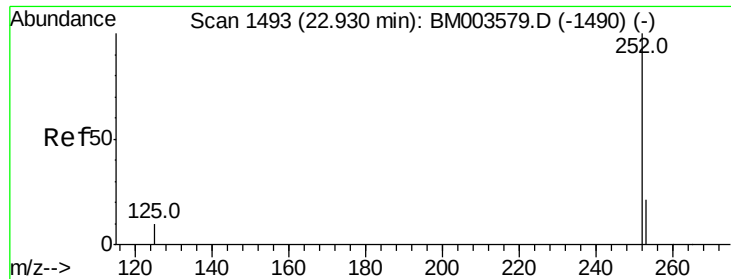
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#23
Benzo(b)fluoranthene
Concen: 2.93 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BM003593.D
Acq: 17 Dec 2015 00:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.4
125	11.9	0.0	28.8





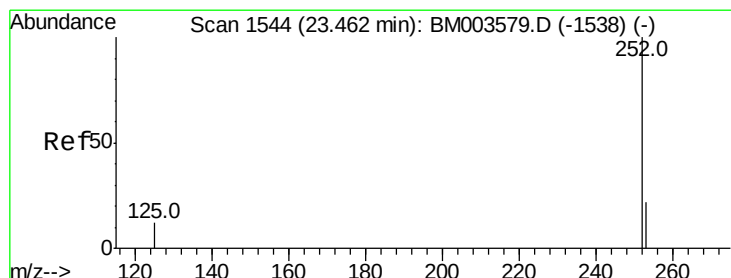
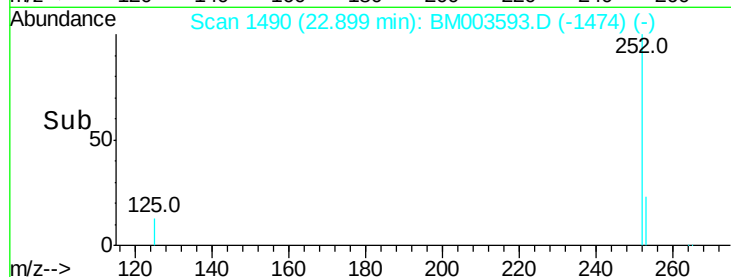
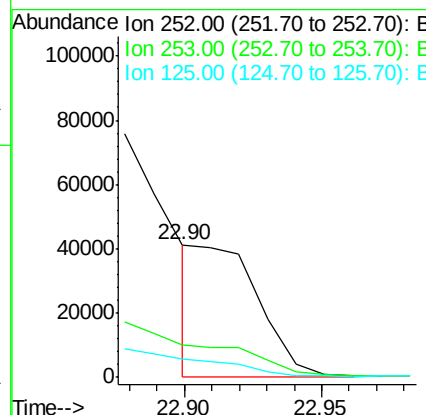
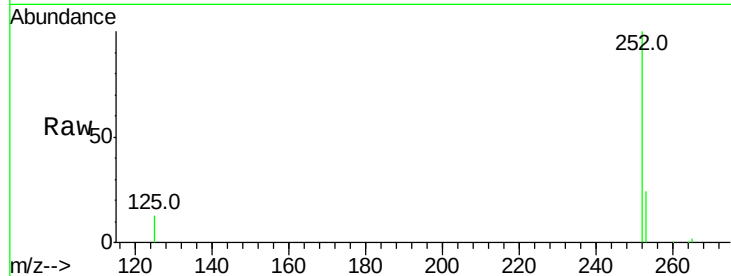
#24
Benzo(k)fluoranthene
Concen: 1.25 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.03 min
Lab File: BM003593.D
Acq: 17 Dec 2015 00:31

Instrument :
BNA_M
ClientSampleId :
D9N39

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	13.5	10.4	15.6

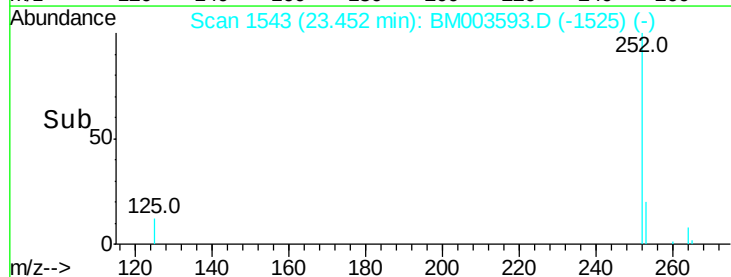
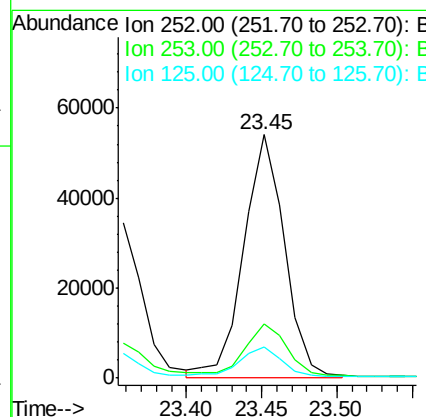
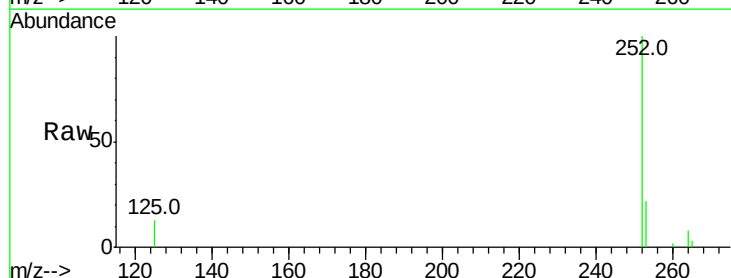
Manual Integrations
APPROVED

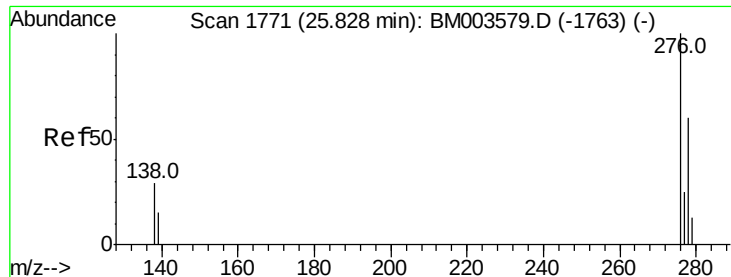
MMdadoda
12/17/2015 5:36:19 PM



#25
Benzo(a)pyrene
Concen: 2.14 ng/ul m
RT: 23.45 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM003593.D
Acq: 17 Dec 2015 00:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.2
125	12.5	12.7	19.1#





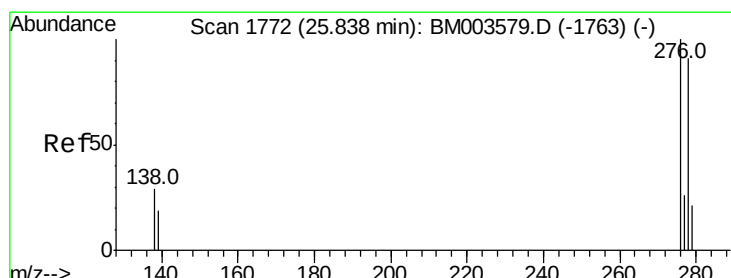
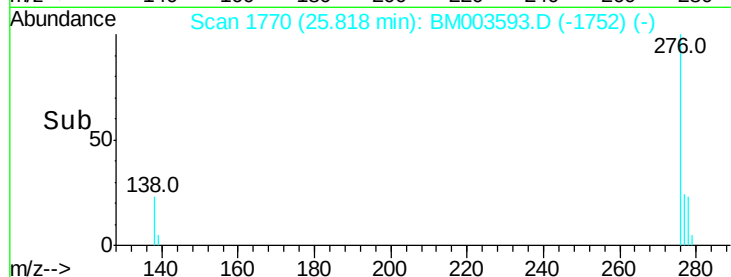
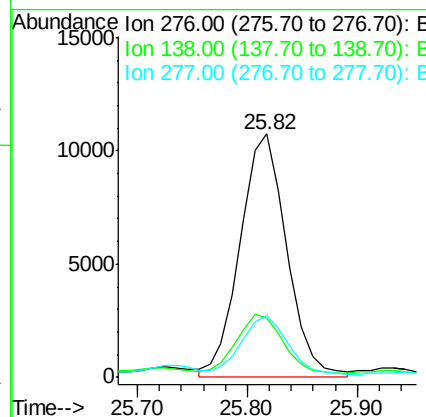
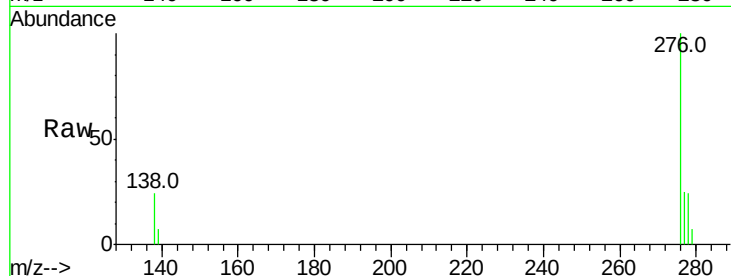
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.57 ng/ul m
 RT: 25.82 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM003593.D
 Acq: 17 Dec 2015 00:31

Instrument :
 BNA_M
 ClientSampleId :
 D9N39

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	1.5	19.8	29.8#

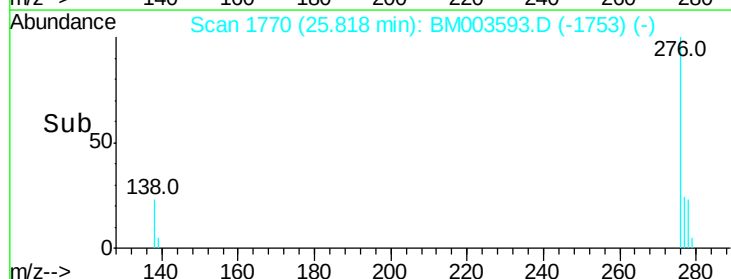
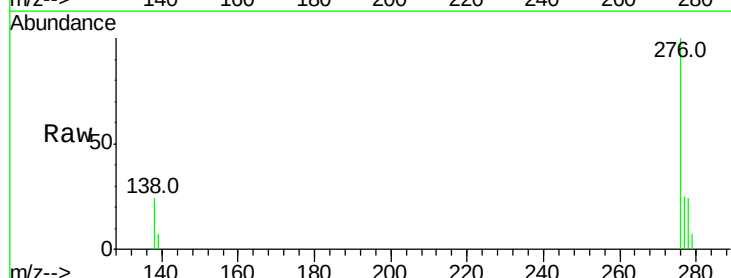
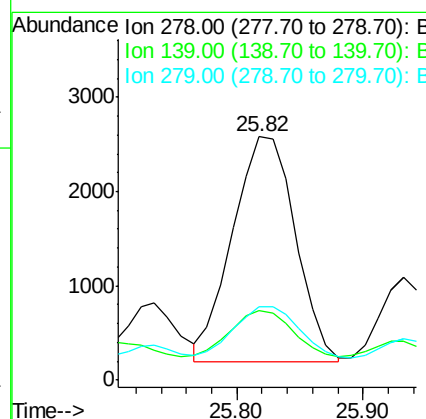
Manual Integrations
 APPROVED

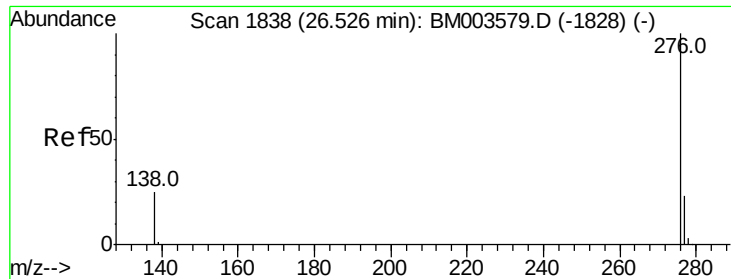
MMdadoda
 12/17/2015 5:36:19 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.18 ng/ul m
 RT: 25.82 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: BM003593.D
 Acq: 17 Dec 2015 00:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.6	16.4	24.6#
279	30.1	20.2	30.2





#28

Benzo(a,h,i)perylene

Concen: 0.54 ng/ul m

RT: 26.51 min Scan# 1836

Delta R.T. -0.02 min

Lab File: BM003593.D

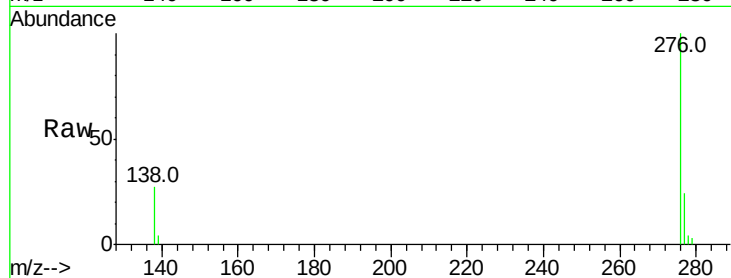
Acq: 17 Dec 2015 00:31

Instrument :

BNA_M

ClientSampleId :

D9N39



Tot Ion:	276	Resp:	26060
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.9	28.3
138	27.3	22.5	33.7

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:36:19 PM

