

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
 Data File : BM004784.D
 Acq On : 25 Mar 2016 19:06
 Operator : UM/SJ
 Sample : H1909-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T44

Manual Integrations
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Sohil
 4/6/2016 1:28:49 PM

Quant Time: Apr 05 19:17:29 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1361	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	6412	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	4024	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	9065m	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	8710	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	7204m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	6815	11.11	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	3138	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	8074	0.38	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	1187	0.08	ng/ul#	82
9) Acenaphthylene	14.18	152	1073	0.06	ng/ul#	88
11) Fluorene	15.51	166	317	0.02	ng/ul#	74
14) Phenanthrene	17.24	178	4553m	0.18	ng/ul	
15) Anthracene	17.33	178	1327	0.06	ng/ul#	78
17) Fluoranthene	19.27	202	13146	0.45	ng/ul	96
19) Pyrene	19.63	202	12266	0.41	ng/ul	97
20) Benzo(a)anthracene	21.38	228	5928	0.22	ng/ul#	89
21) Chrysene	21.43	228	6190	0.24	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	8680m	0.36	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	3700m	0.16	ng/ul	
25) Benzo(a)pyrene	23.59	252	7739m	0.35	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	3593m	0.17	ng/ul	
27) Dibenzo(a,h)anthracene	26.02	278	932m	0.06	ng/ul	
28) Benzo(a,h,i)perylene	26.71	276	3369m	0.20	ng/ul	

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

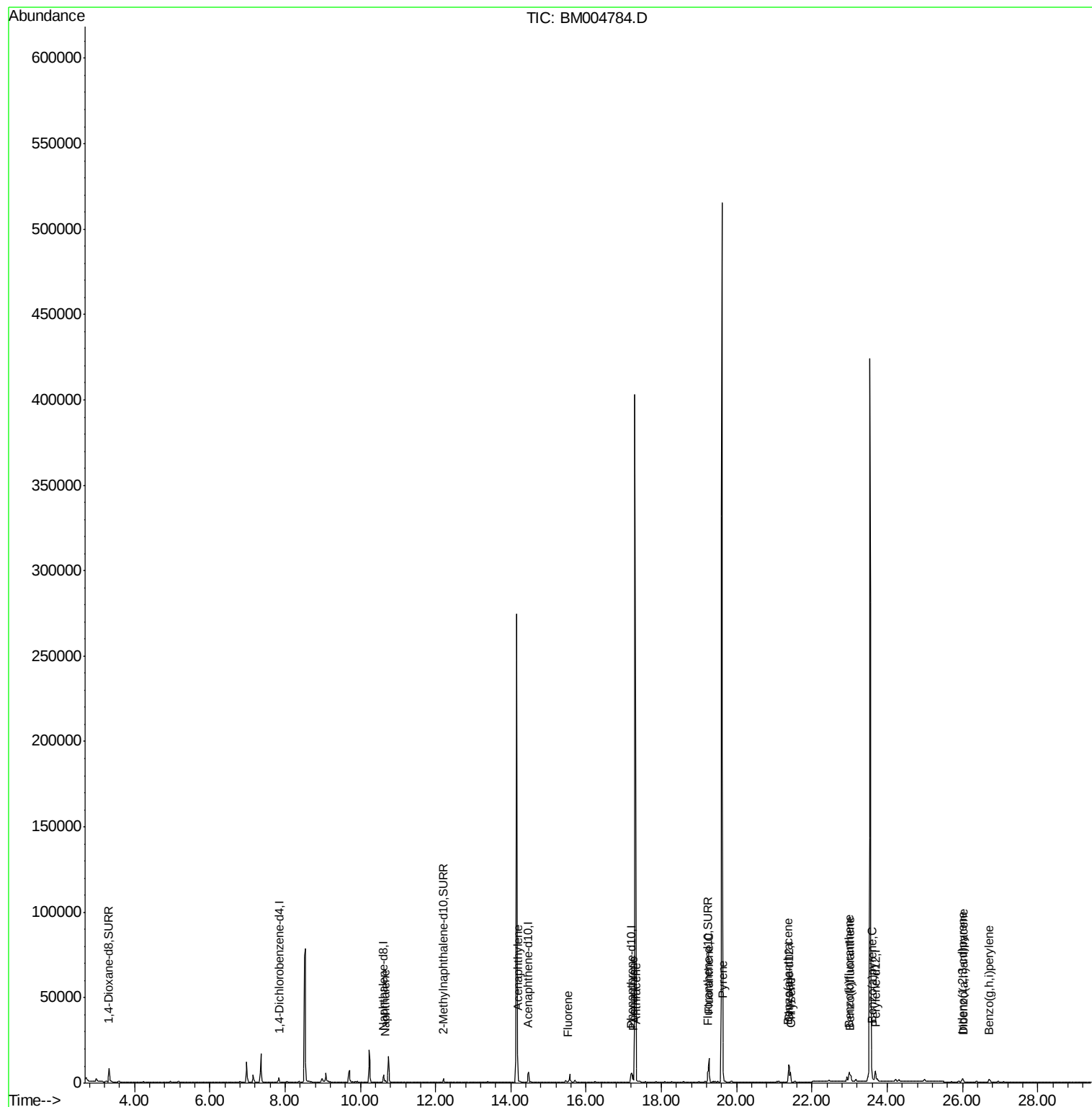
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032516\
Data File : BM004784.D
Acq On : 25 Mar 2016 19:06
Operator : UM/SJ
Sample : H1909-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

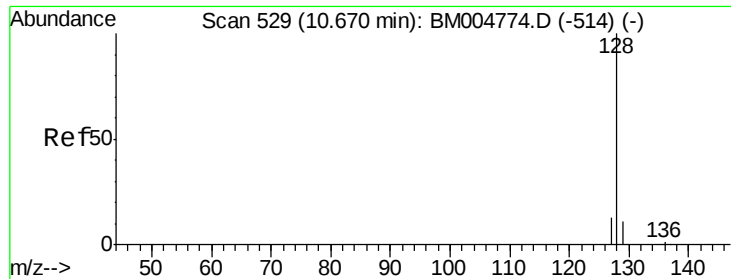
Instrument :
BNA_M
ClientSampleId :
A4T44

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Quant Time: Apr 05 19:17:29 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.08 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004784.D

Acq: 25 Mar 2016 19:06

Instrument :

BNA_M

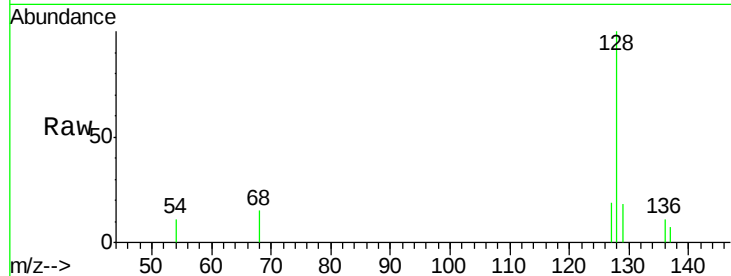
ClientSampleId :

A4T44

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.8	9.0	13.6#
127	19.5	9.6	14.4#

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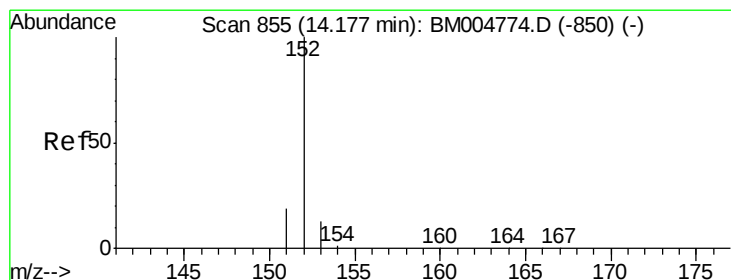
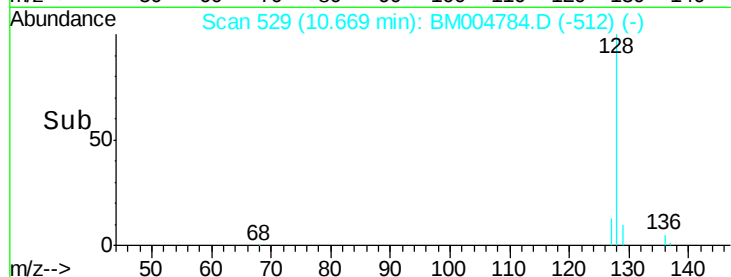
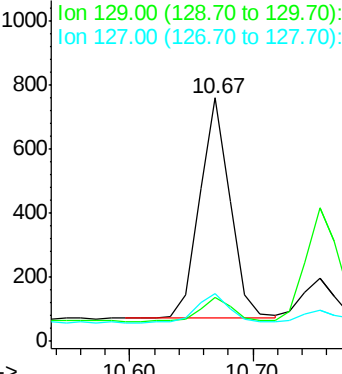


Abundance

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



#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004784.D

Acq: 25 Mar 2016 19:06

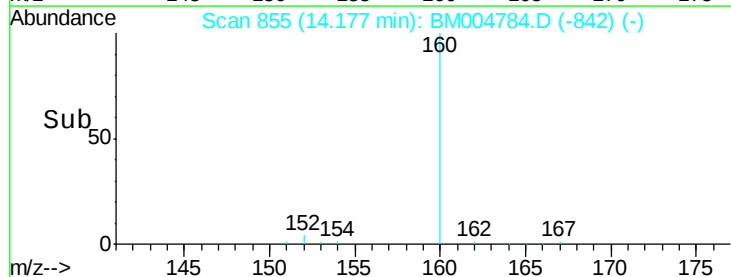
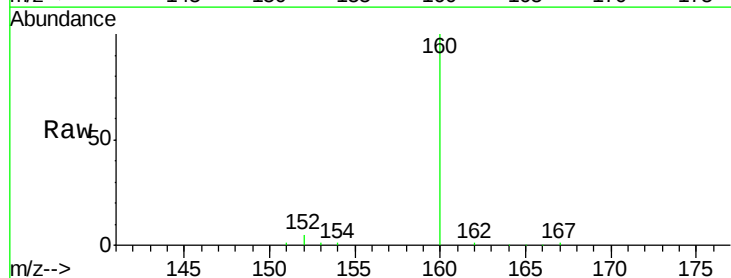
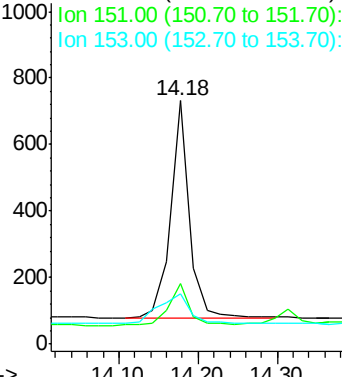
Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.1	17.6	26.4
153	20.9	9.7	14.5#

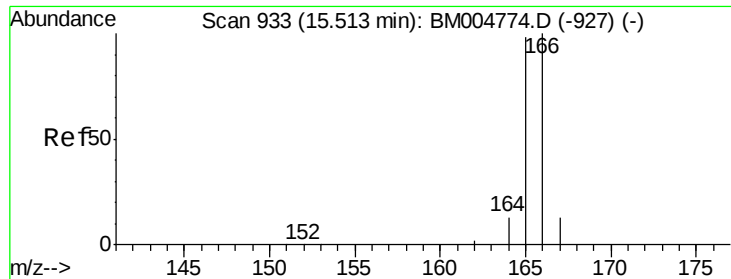
Abundance

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





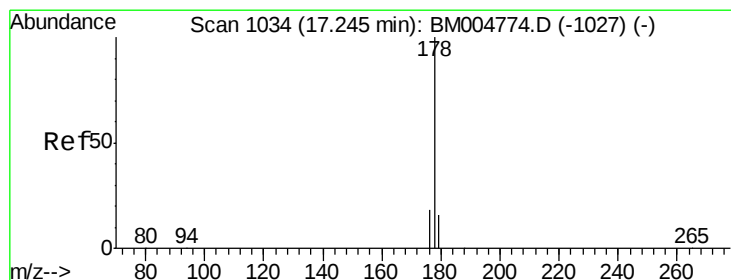
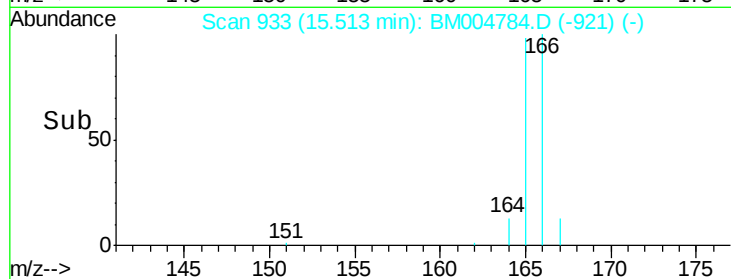
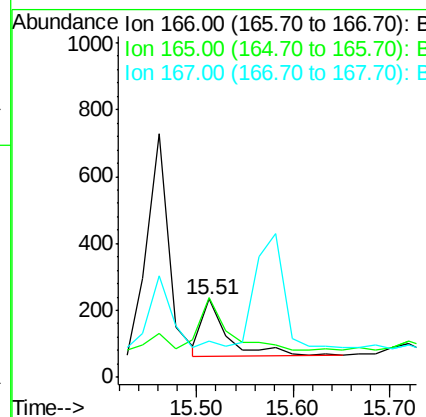
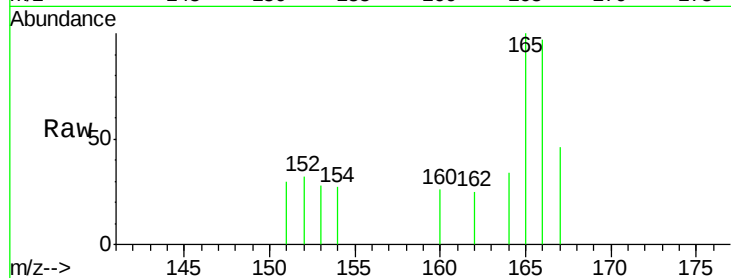
#11
Fluorene
Concen: 0.02 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Instrument :
BNA_M
ClientSampleId :
A4T44

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.6	69.6	104.4
167	46.8	11.9	17.9#

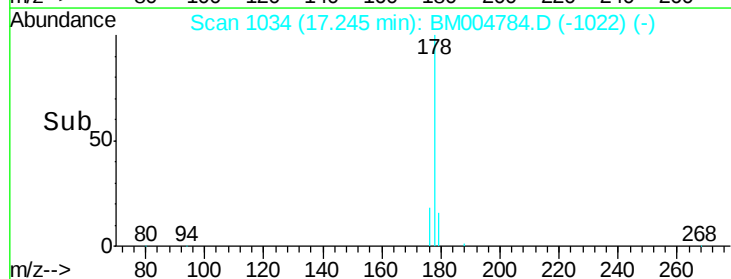
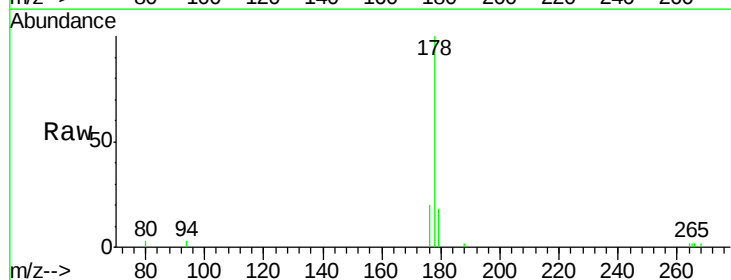
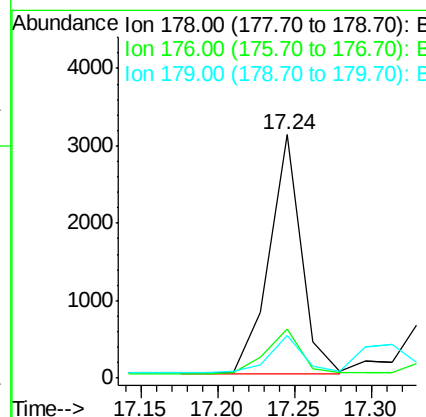
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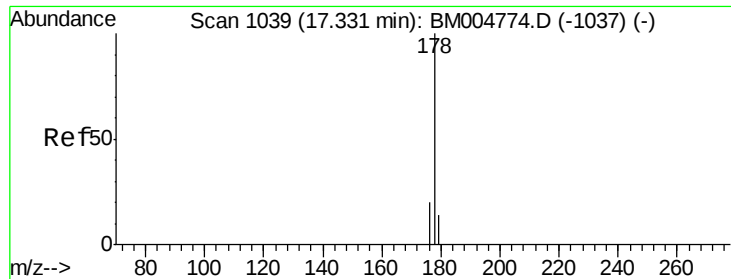
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#14
Phenanthrene
Concen: 0.18 ng/ul m
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.0	19.4#
179	17.6	14.2	21.2





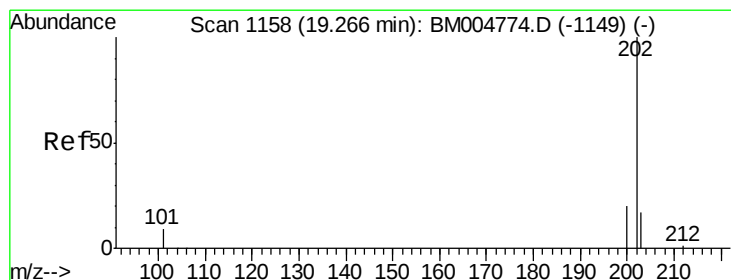
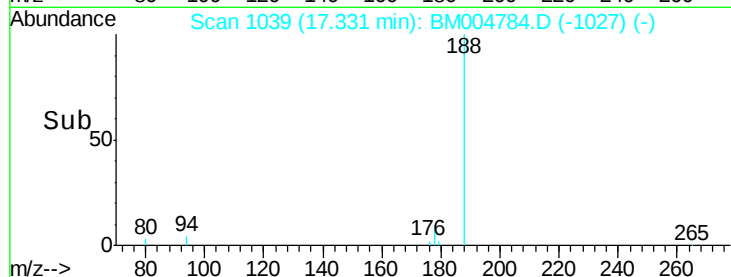
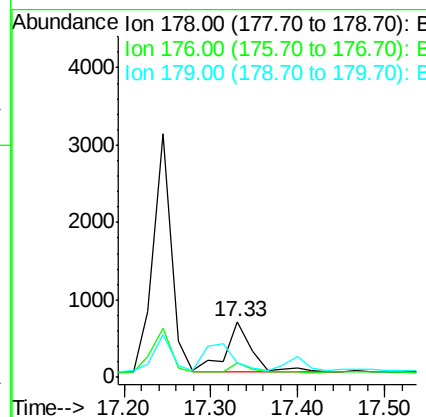
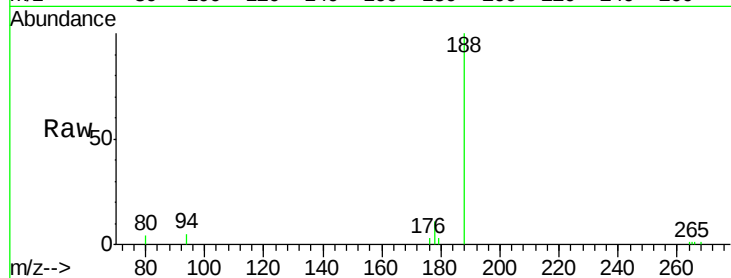
#15
 Anthracene
 Concen: 0.06 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BM004784.D
 Acq: 25 Mar 2016 19:06

Instrument :
 BNA_M
 ClientSampleId :
 A4T44

Tot Ion	Ratio	Lower	Upper
178	100		
176	26.9	14.0	21.0#
179	25.4	12.9	19.3#

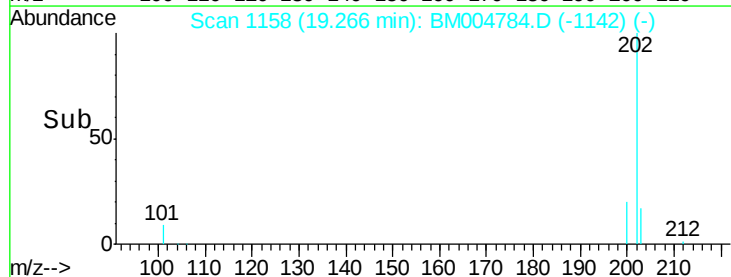
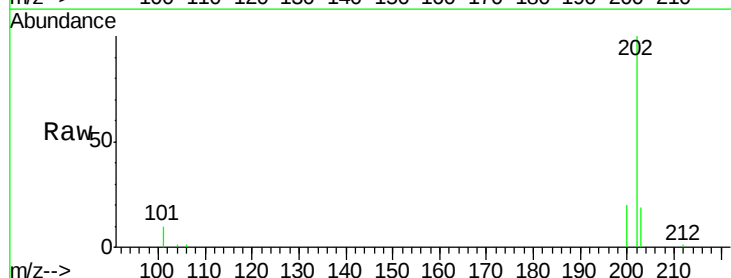
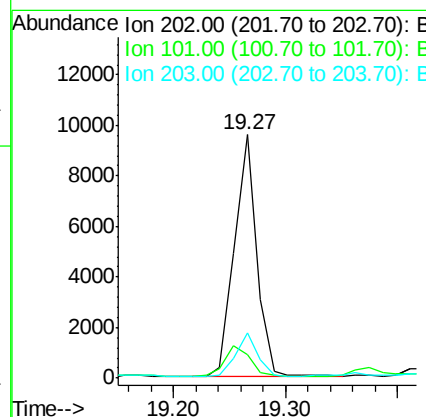
Manual Integrations
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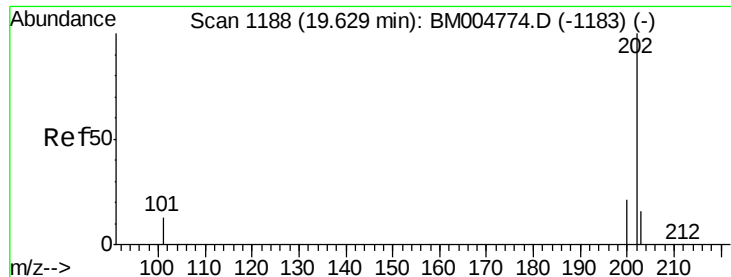
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#17
 Fluoranthene
 Concen: 0.45 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM004784.D
 Acq: 25 Mar 2016 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	18.7	0.0	36.3





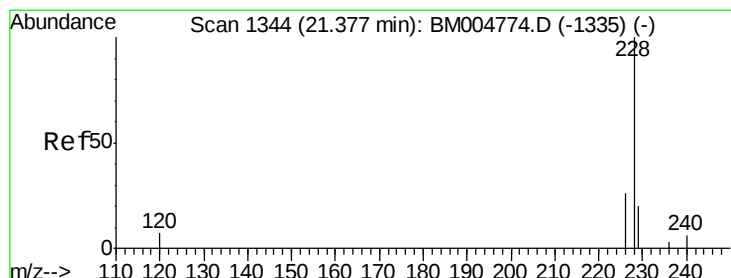
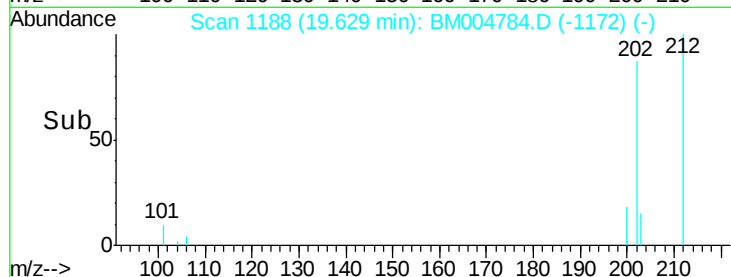
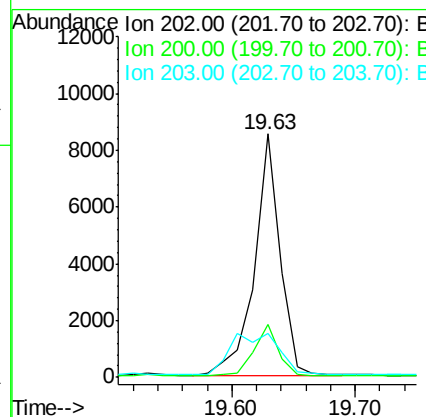
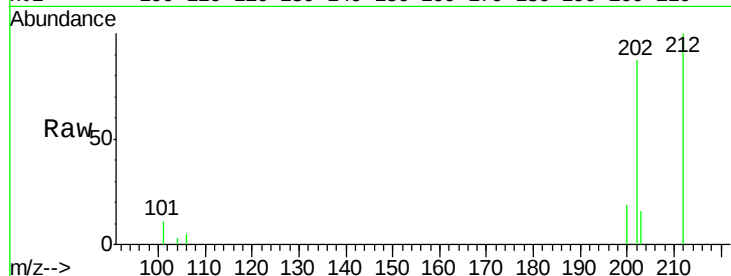
#19
Pvrene
Concen: 0.41 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Instrument :
BNA_M
ClientSampleId :
A4T44

Tot Ion:	202	Resp:	12266
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.8
203	18.2	12.8	19.2

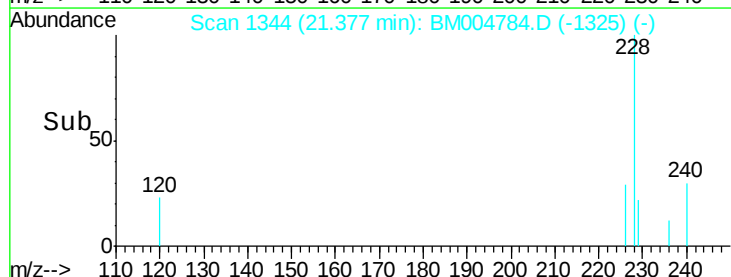
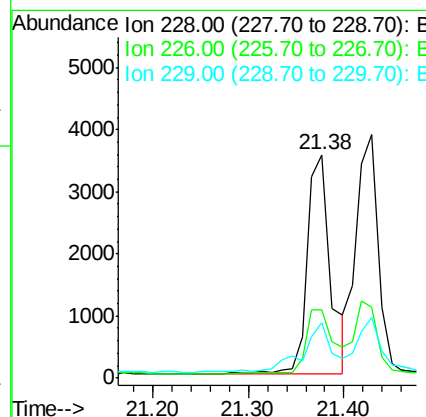
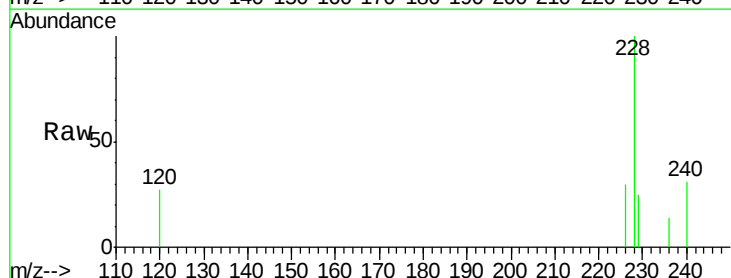
Manual Integrations
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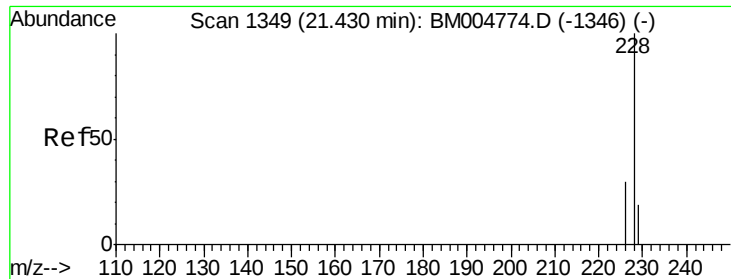
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#20
Benzo(a)anthracene
Concen: 0.22 ng/ul
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Tgt Ion:	228	Resp:	5928
Ion Ratio	Lower	Upper	
228	100		
226	30.3	18.8	28.2#
229	25.0	17.1	25.7





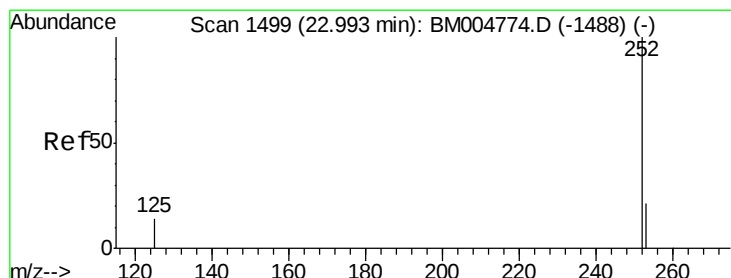
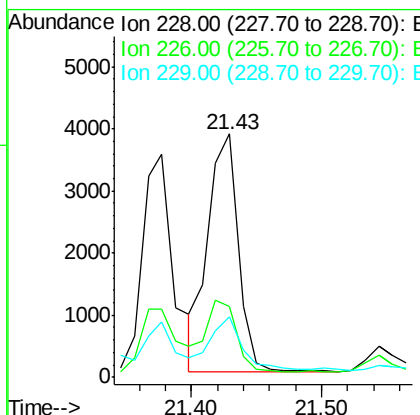
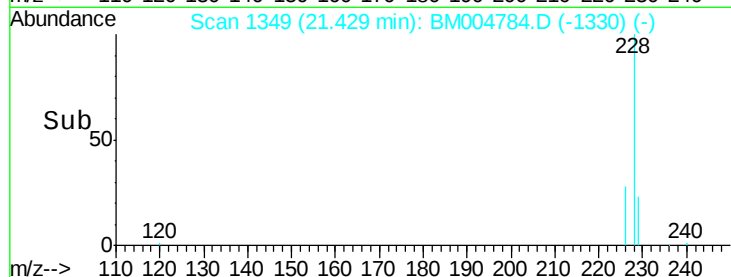
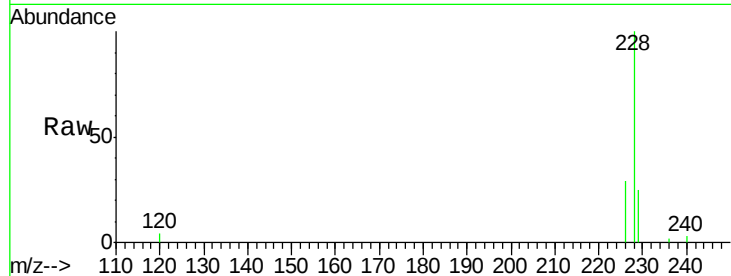
#21
Chrysene
Concen: 0.24 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Instrument :
BNA_M
ClientSampled :
A4T44

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.2	31.8
229	24.7	17.0	25.6

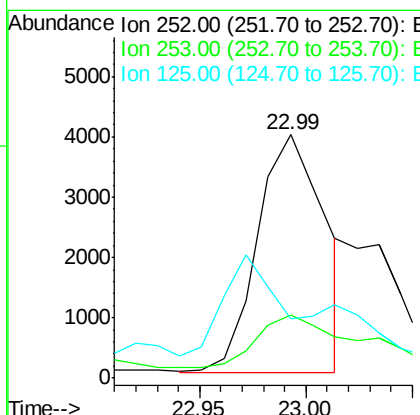
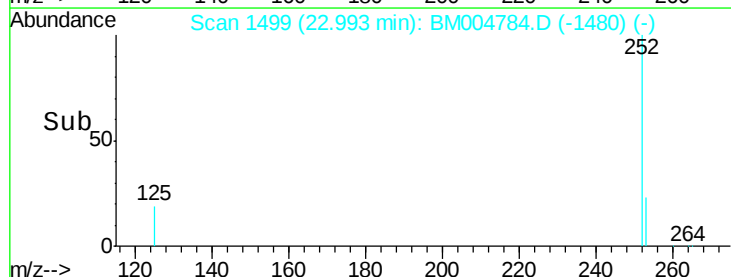
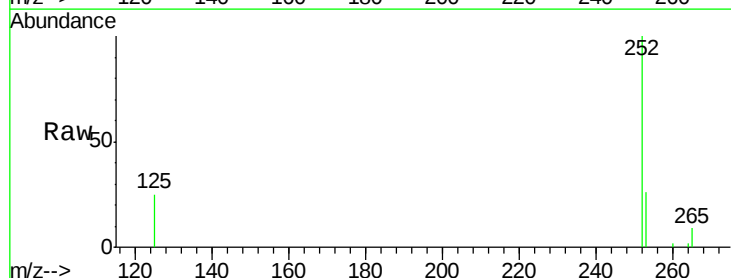
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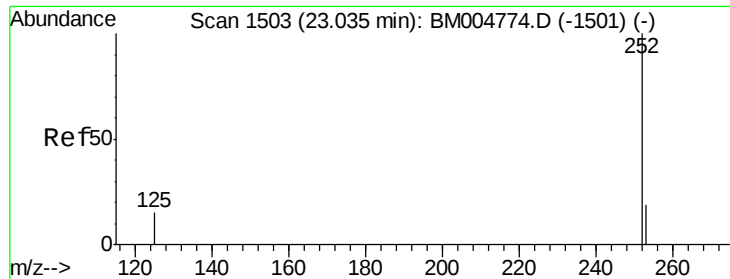
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#23
Benzo(b)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	45.4
125	24.6	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.16 ng/ul m

RT: 23.01 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BM004784.D

Acq: 25 Mar 2016 19:06

Instrument :

BNA_M

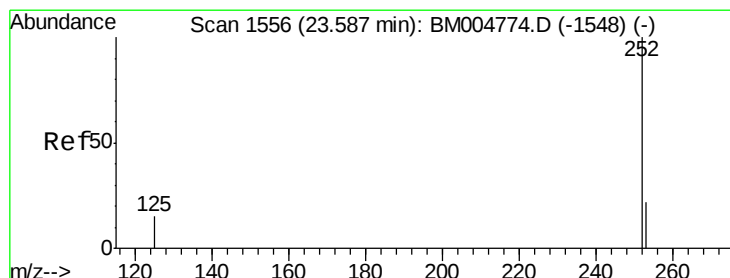
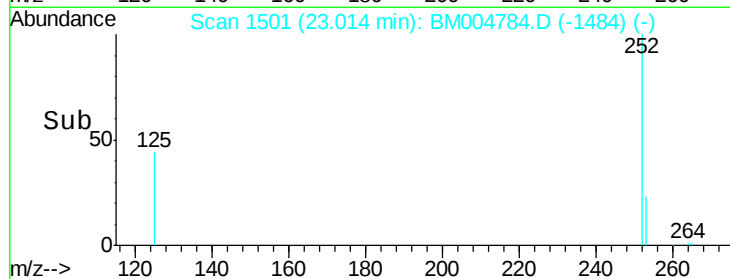
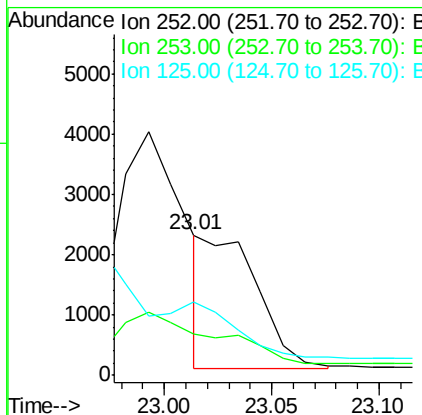
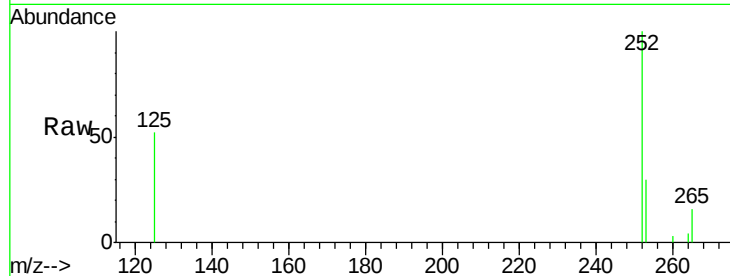
ClientSampleId :

A4T44

Tot Ion:	252	Resp:	3700
Ion Ratio	Lower	Upper	
252	100		
253	29.6	19.8	29.8
125	52.0	10.4	15.6#

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 0.35 ng/ul m

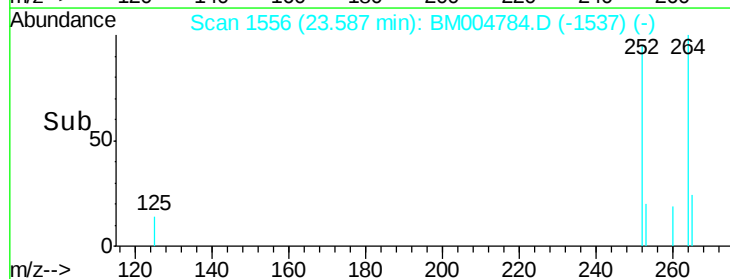
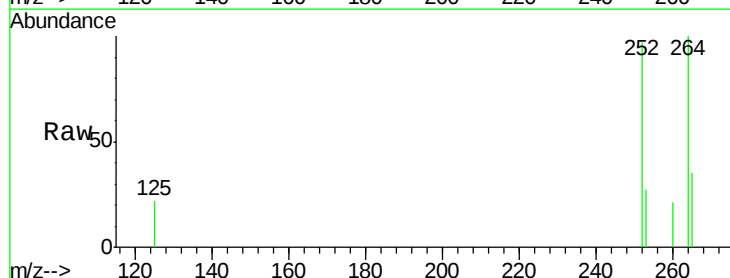
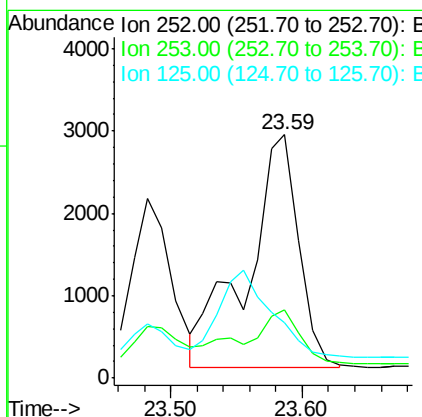
RT: 23.59 min Scan# 1556

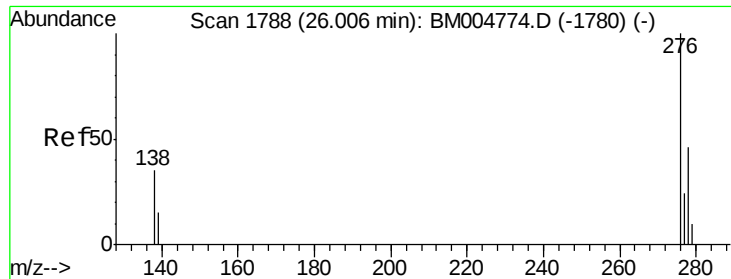
Delta R.T. -0.00 min

Lab File: BM004784.D

Acq: 25 Mar 2016 19:06

Tgt Ion:	252	Resp:	7739
Ion Ratio	Lower	Upper	
252	100		
253	27.9	19.4	29.2
125	22.8	12.7	19.1#





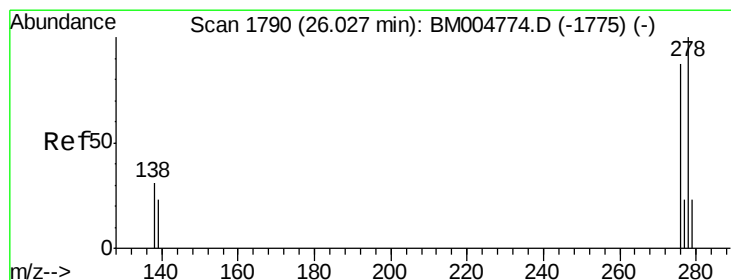
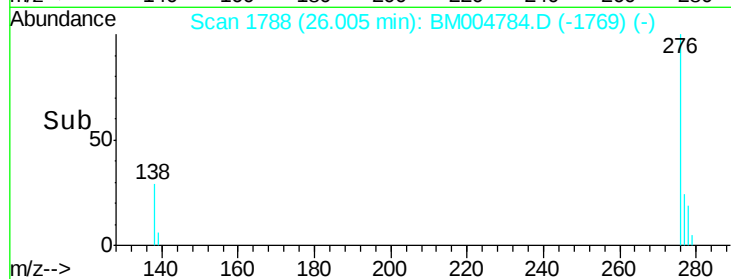
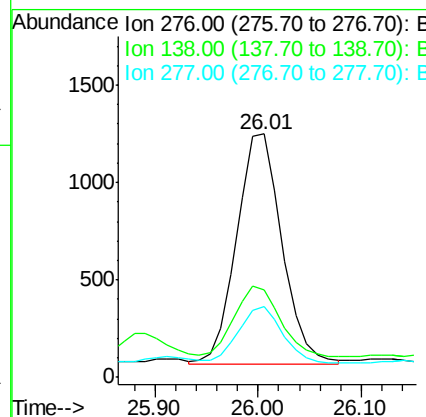
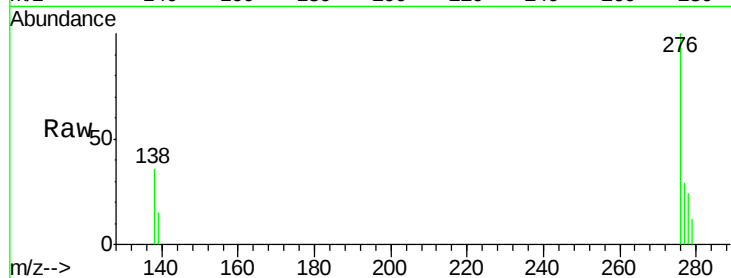
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng/ul m
RT: 26.01 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Instrument :
BNA_M
ClientSampleId :
A4T44

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.1	16.3	24.5#
277	3.0	19.8	29.8#

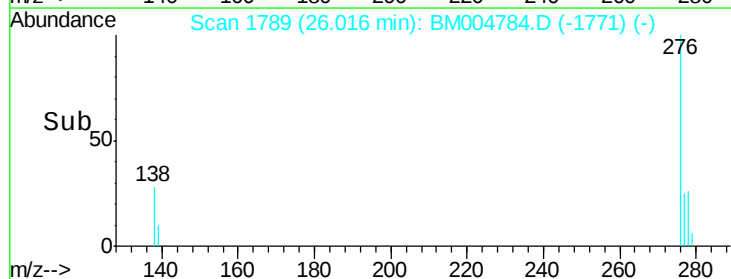
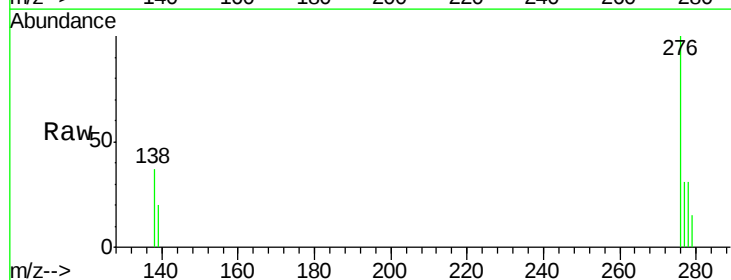
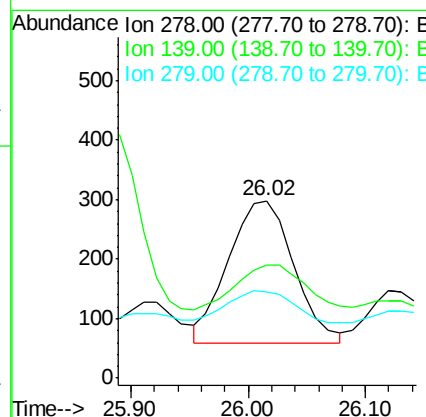
Manual Integrations
APPROVED

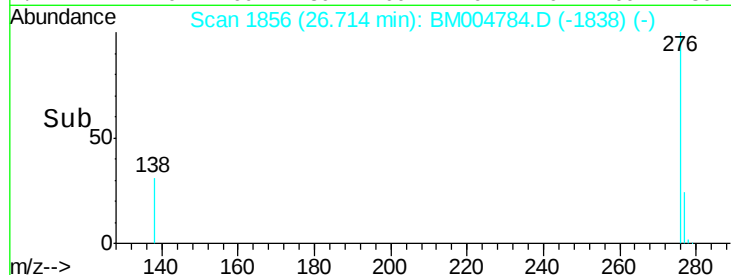
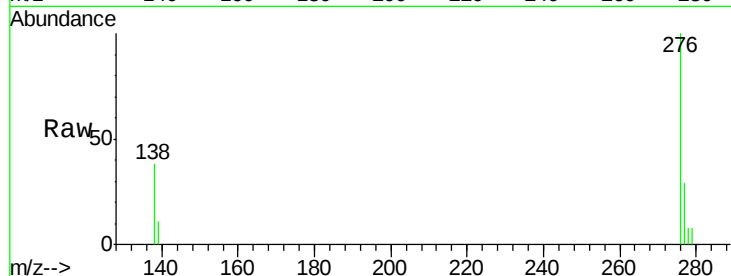
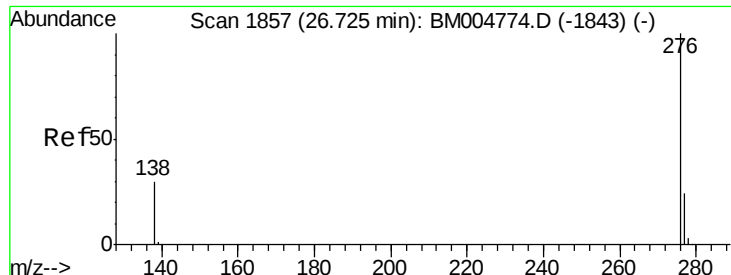
Sohil
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#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul m
RT: 26.02 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM004784.D
Acq: 25 Mar 2016 19:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	63.8	16.4	24.6#
279	49.0	20.2	30.2#





#28
 Benzo(a,h,i)perylene
 Concen: 0.20 ng/ul m
 RT: 26.71 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BM004784.D
 Acq: 25 Mar 2016 19:06

Instrument :
 BNA_M
 ClientSampleId :
 A4T44

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	18.9	28.3#
138	38.0	22.5	33.7#

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