

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
 Data File : BM004806.D
 Acq On : 28 Mar 2016 14:43
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T40

Manual Integrations
 APPROVED

Sohil
 4/6/2016 5:05:02 PM

Quant Time: Apr 05 19:48:31 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	1029	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4818	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2817	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6282m	0.40	ng/ul	0.00
18) Chrysene-d12	21.40	240	6466	0.40	ng/ul	0.00
22) Perylene-d12	23.69	264	4681m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	3811	8.22	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1659	0.25	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4298	0.29	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	10657	0.92	ng/ul	98
7) 2-Methylnaphthalene	12.28	142	2081	0.25	ng/ul	99
9) Acenaphthylene	14.18	152	15673	1.21	ng/ul	94
10) Acenaphthene	14.52	153	3438	0.38	ng/ul	90
11) Fluorene	15.51	166	5808	0.53	ng/ul	91
14) Phenanthrene	17.24	178	115248	6.53	ng/ul	96
15) Anthracene	17.33	178	17333	1.04	ng/ul	97
17) Fluoranthene	19.27	202	247469m	12.32	ng/ul	
19) Pyrene	19.63	202	209056	9.44	ng/ul	96
20) Benzo(a)anthracene	21.38	228	120471m	6.06	ng/ul	
21) Chrysene	21.43	228	117266	6.11	ng/ul	97
23) Benzo(b)fluoranthene	22.99	252	185079m	11.74	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	47162m	3.23	ng/ul	
25) Benzo(a)pyrene	23.59	252	103784m	7.20	ng/ul	
26) Indeno(1,2,3-cd)pyrene	26.01	276	63203m	4.74	ng/ul	
27) Dibenzo(a,h)anthracene	26.01	278	15571m	1.48	ng/ul	
28) Benzo(g,h,i)perylene	26.71	276	52634m	4.77	ng/ul	

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

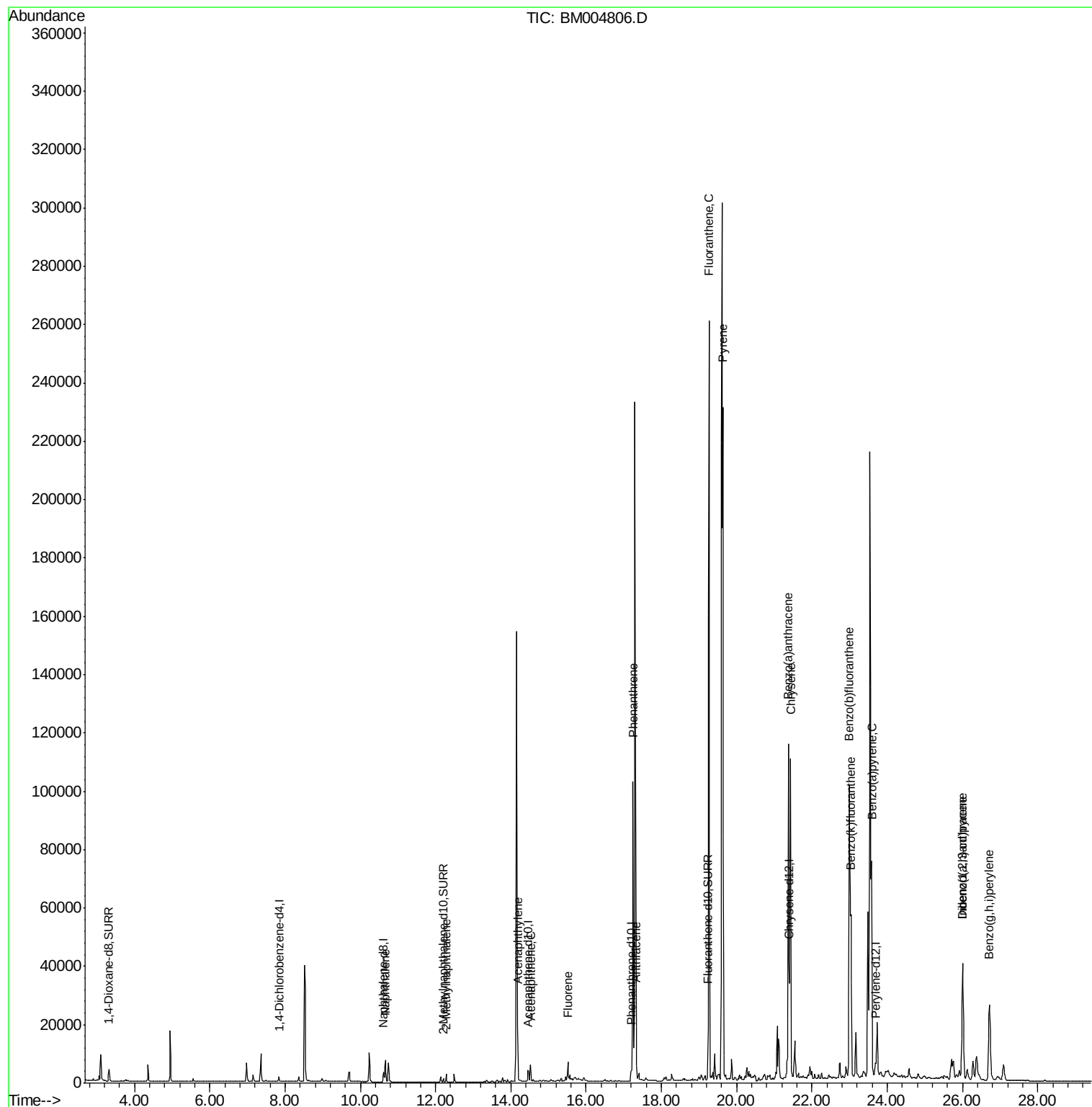
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032816\
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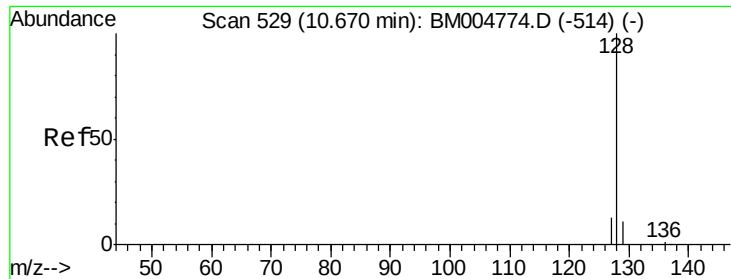
Instrument :
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#5

Naphthalene

Concen: 0.92 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_M

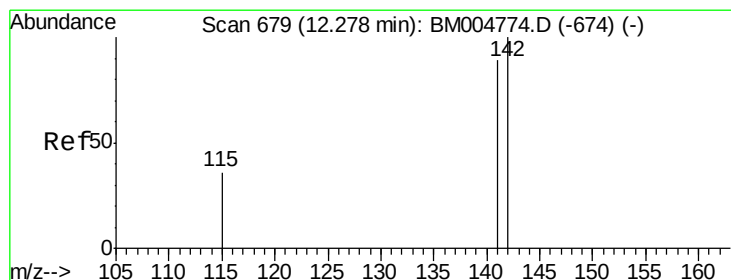
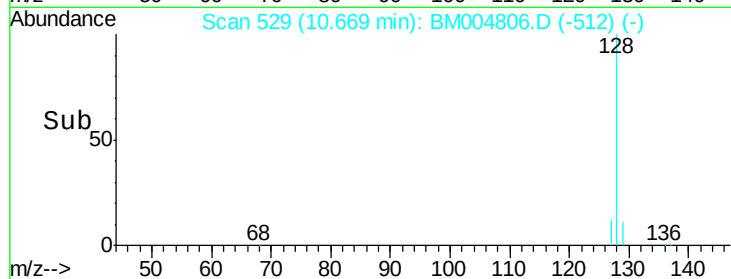
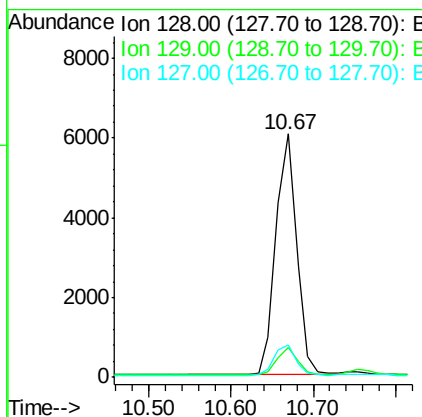
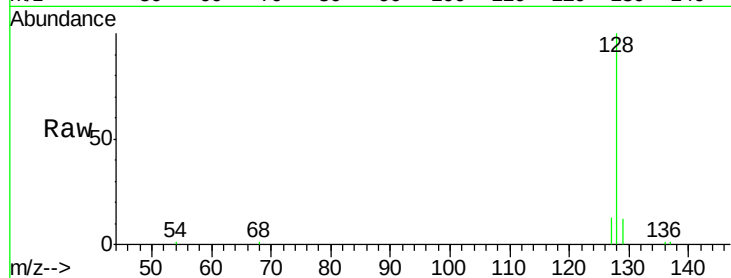
ClientSampleId :

A4T40

Tot Ion:128	Resp:	10657
Ion Ratio	Lower	Upper
128 100		
129 12.1	9.0	13.6
127 13.1	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 0.25 ng/ul

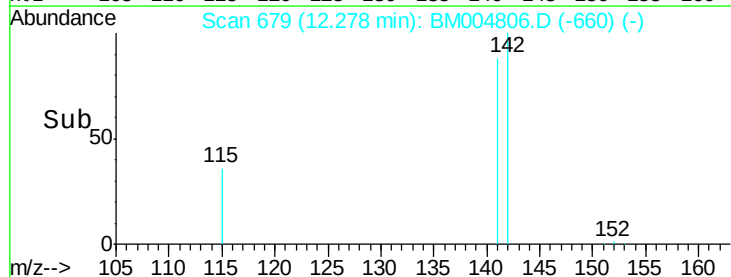
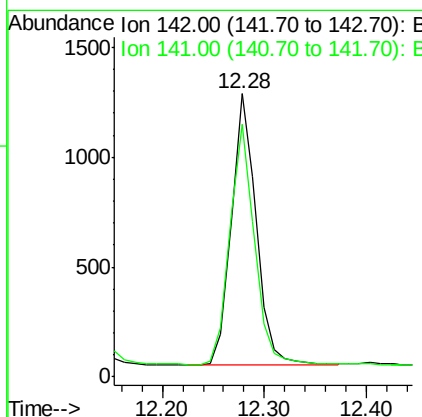
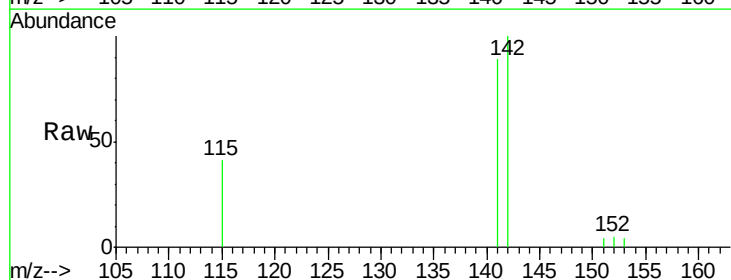
RT: 12.28 min Scan# 679

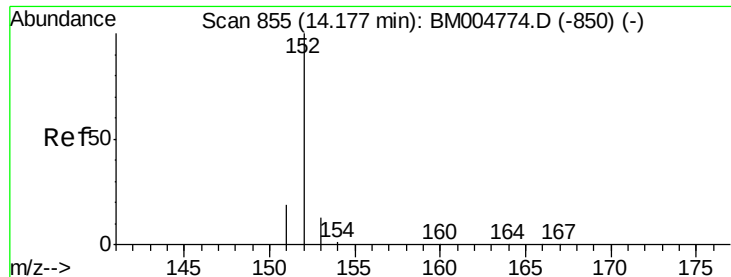
Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Tgt Ion:142	Resp:	2081
Ion Ratio	Lower	Upper
142 100		
141 88.6	70.3	105.5





#9

Acenaphthylene

Concen: 1.21 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_M

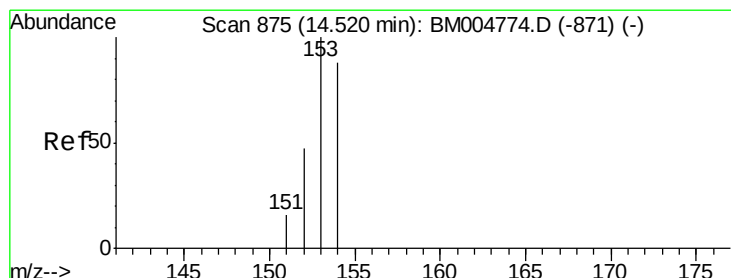
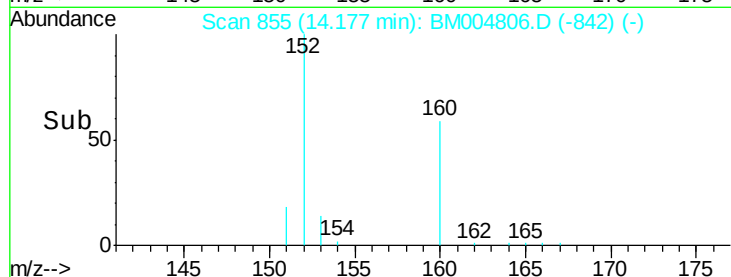
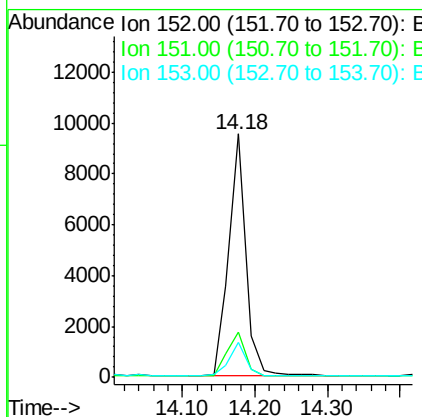
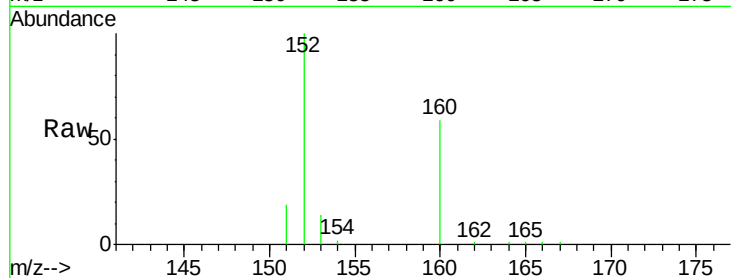
ClientSampleId :

A4T40

Tot Ion:	152	Resp:	15673
Ion Ratio	Lower	Upper	
152	100		
151	18.7	17.6	26.4
153	14.2	9.7	14.5

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#10

Acenaphthene

Concen: 0.38 ng/ul

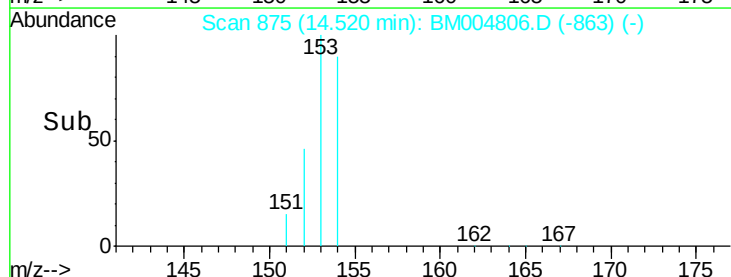
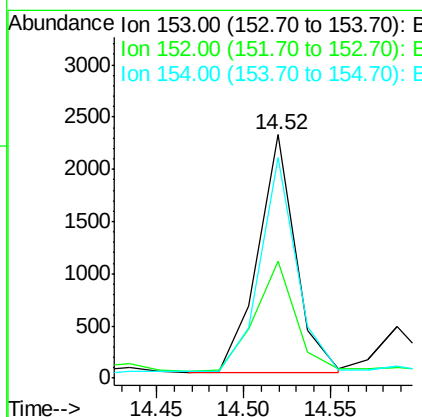
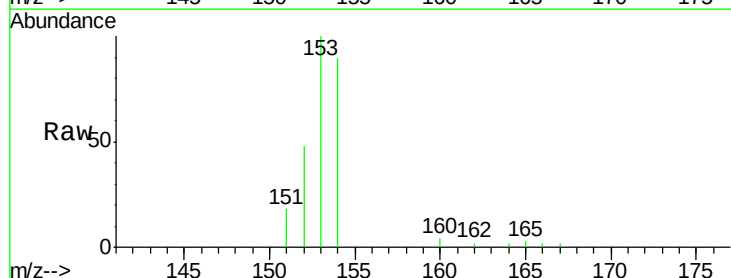
RT: 14.52 min Scan# 875

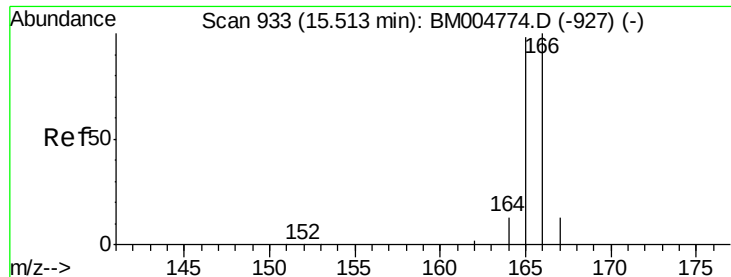
Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Tgt Ion:	153	Resp:	3438
Ion Ratio	Lower	Upper	
153	100		
152	48.2	33.9	50.9
154	90.4	80.6	121.0





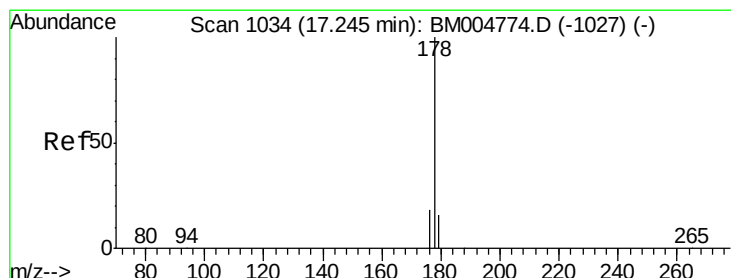
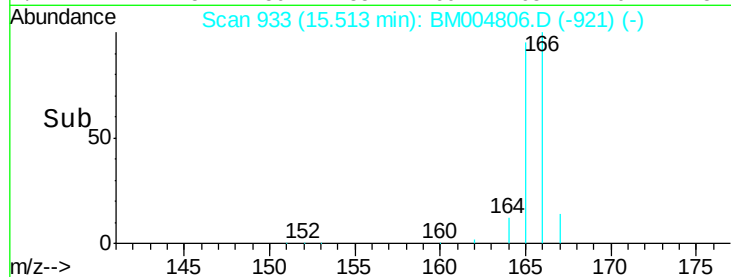
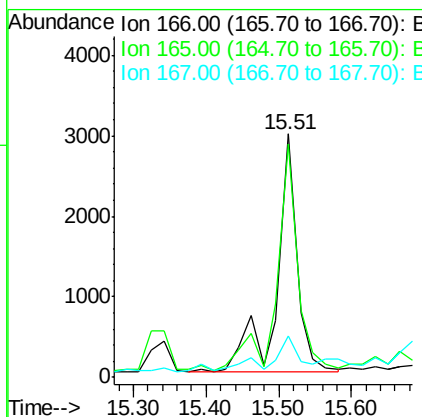
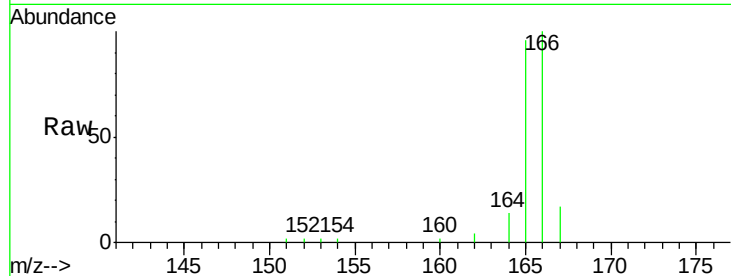
#11
Fluorene
Concen: 0.53 ng/ul
RT: 15.51 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_M
ClientSampleId :
A4T40

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	69.6	104.4
167	16.9	11.9	17.9

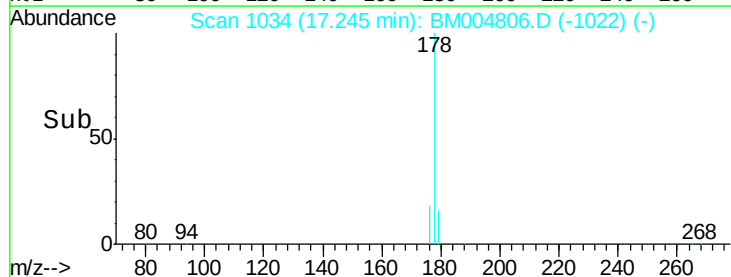
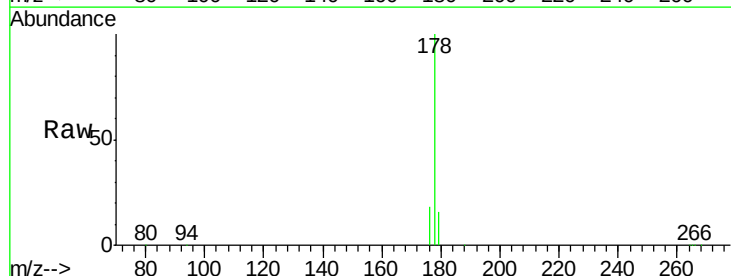
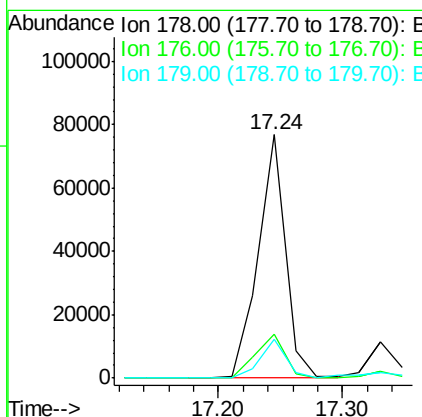
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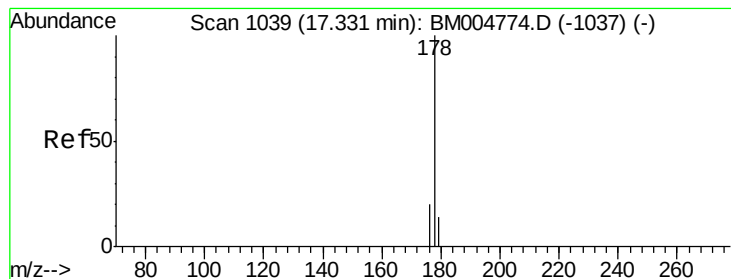
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#14
Phenanthrene
Concen: 6.53 ng/ul
RT: 17.24 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	13.0	19.4
179	16.0	14.2	21.2





#15

Anthracene

Concen: 1.04 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_M

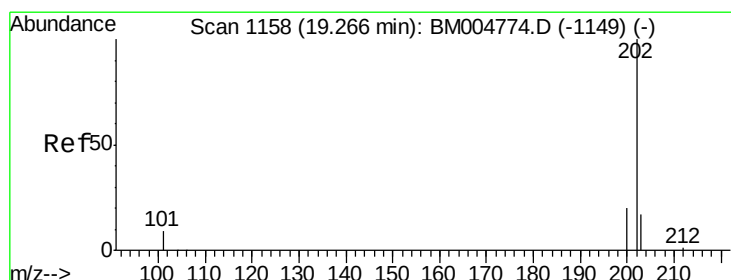
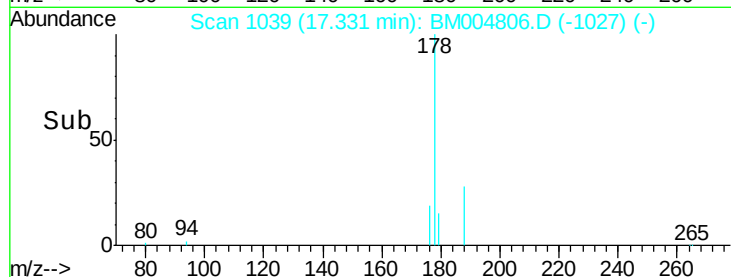
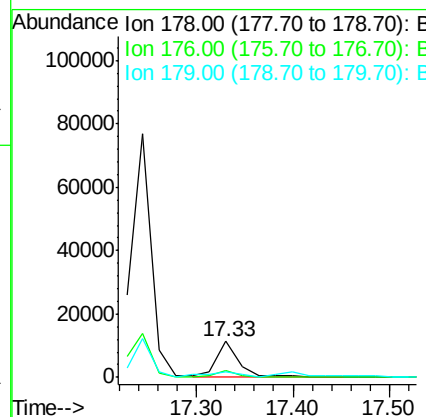
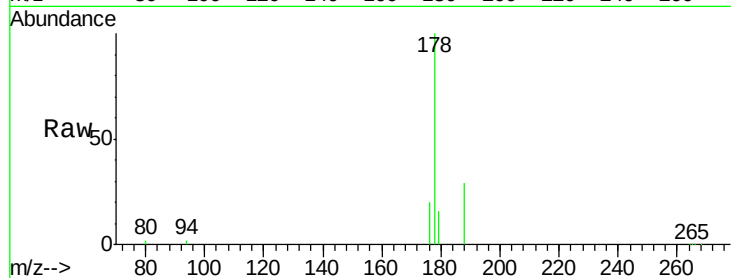
ClientSampled :

A4T40

Tot Ion:	178	Resp:	17333
Ion Ratio	Lower	Upper	
178	100		
176	19.7	14.0	21.0
179	15.6	12.9	19.3

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#17

Fluoranthene

Concen: 12.32 ng/ul m

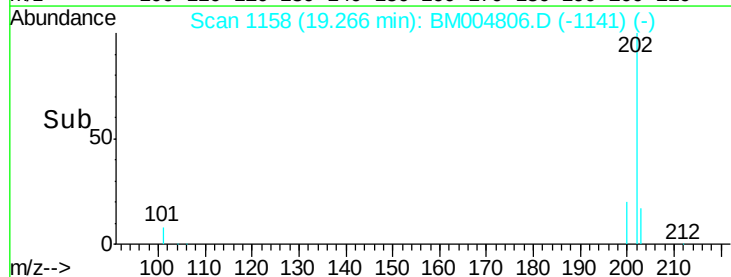
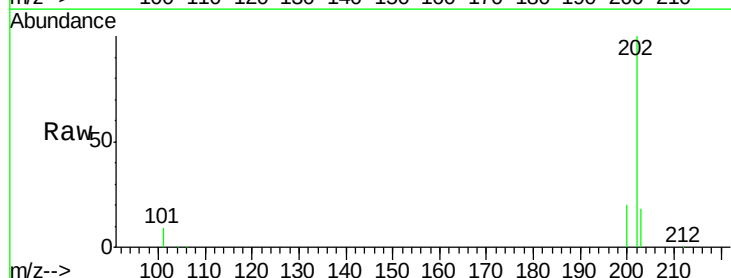
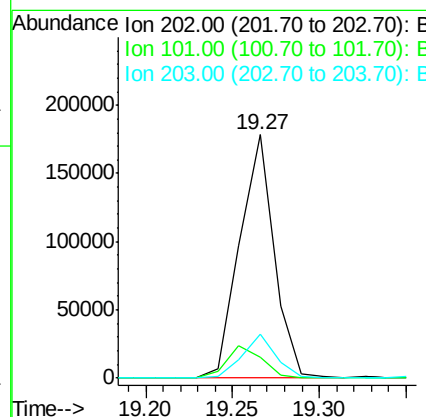
RT: 19.27 min Scan# 1158

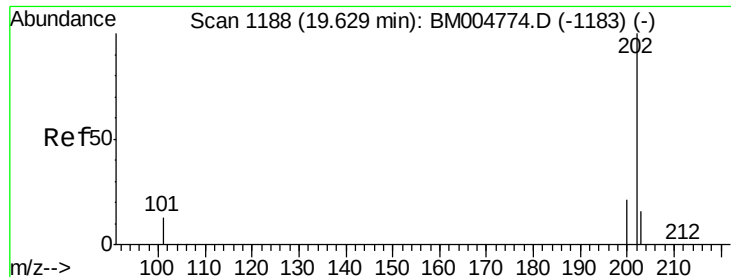
Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Tgt Ion:	202	Resp:	247469
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	29.6
203	17.8	0.0	36.3





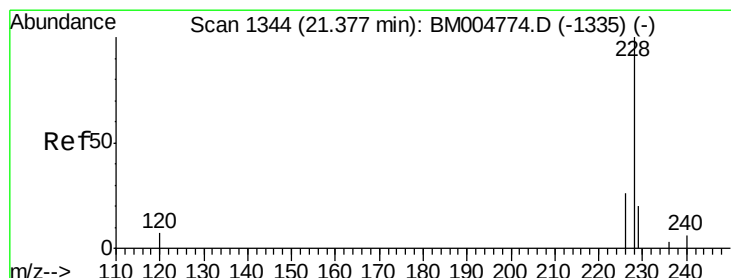
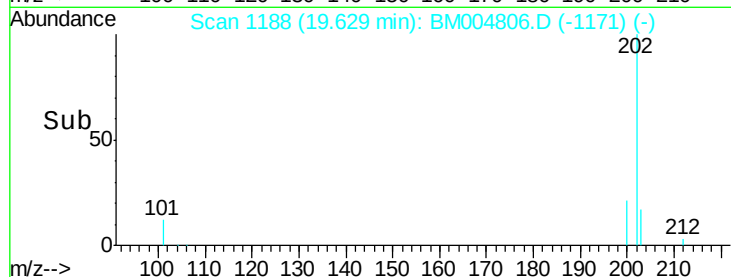
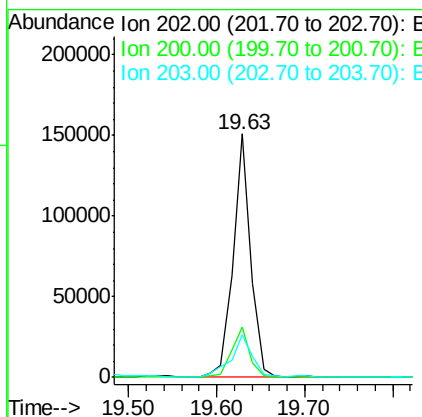
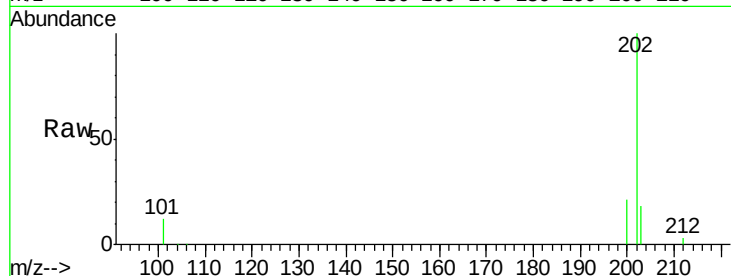
#19
Pvrene
Concen: 9.44 ng/ul
RT: 19.63 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_M
ClientSampleId :
A4T40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		209056		
200	20.6	17.8	26.8		
203	17.6	12.8	19.2		

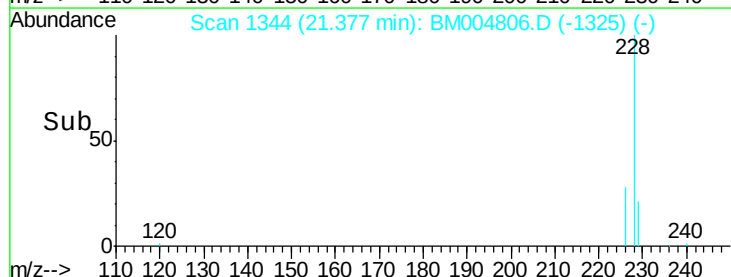
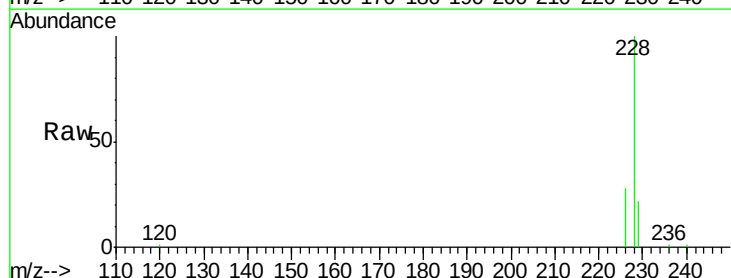
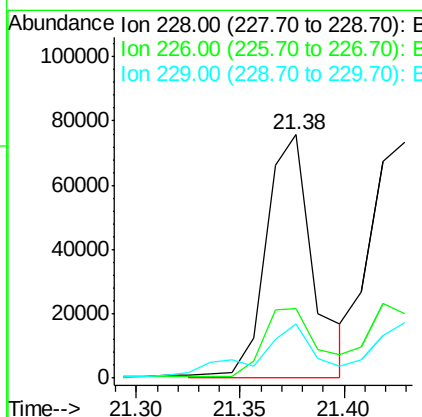
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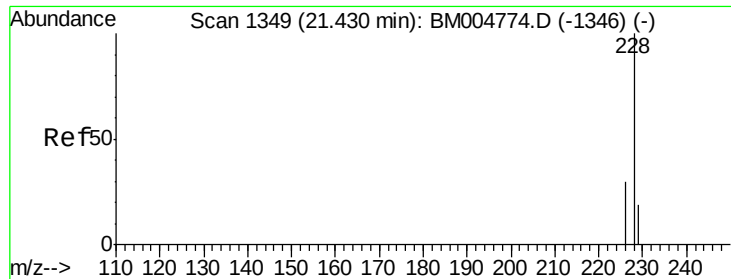
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#20
Benzo(a)anthracene
Concen: 6.06 ng/ul m
RT: 21.38 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		120471		
226	28.3	18.8	28.2#		
229	22.3	17.1	25.7		





#21

Chrysene

Concen: 6.11 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_M

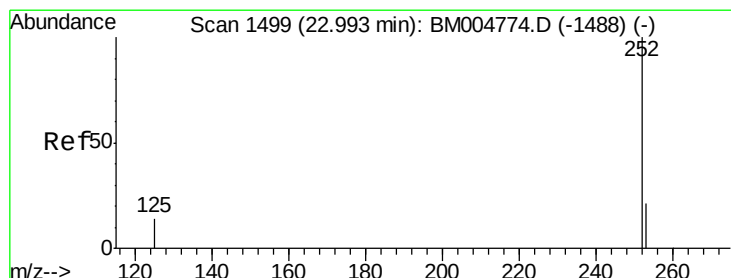
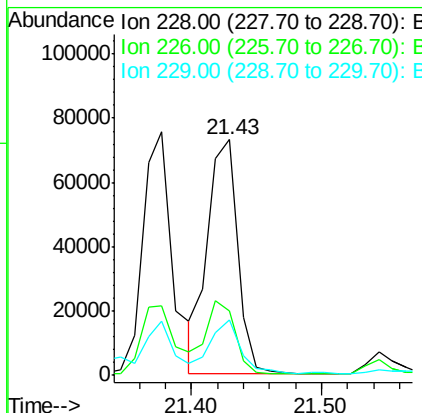
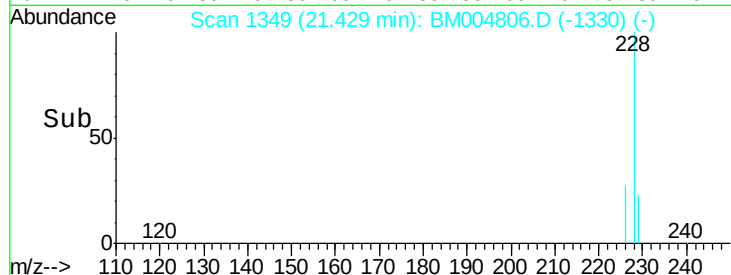
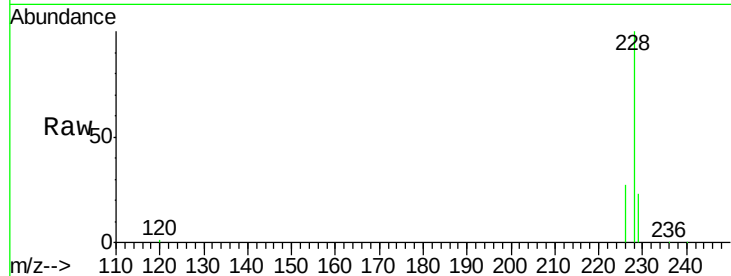
ClientSampleId :

A4T40

Tot Ion:	228	Resp:	117266
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.2	31.8
229	23.5	17.0	25.6

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 11.74 ng/ul m

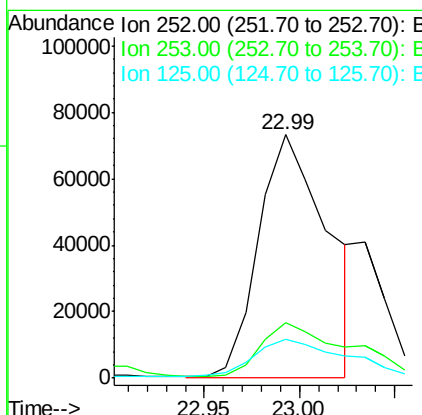
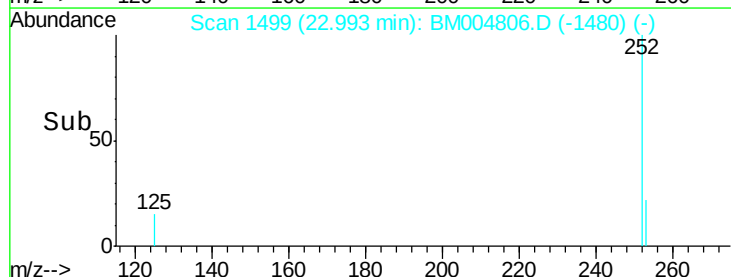
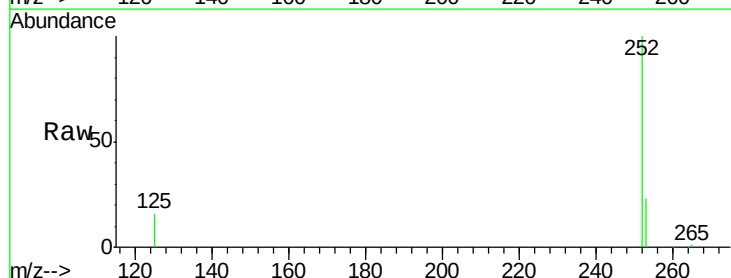
RT: 22.99 min Scan# 1499

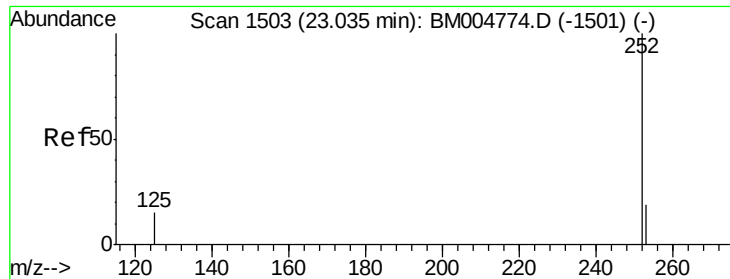
Delta R.T. -0.00 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Tgt Ion:	252	Resp:	185079
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	45.4
125	15.7	0.0	28.8





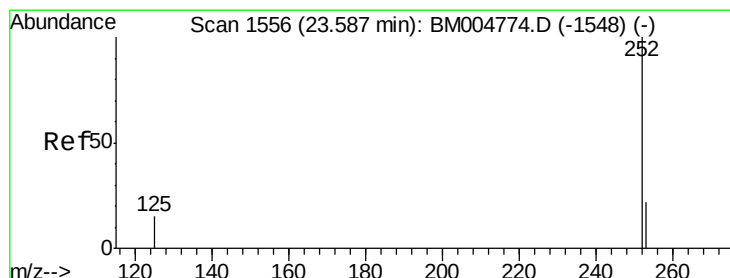
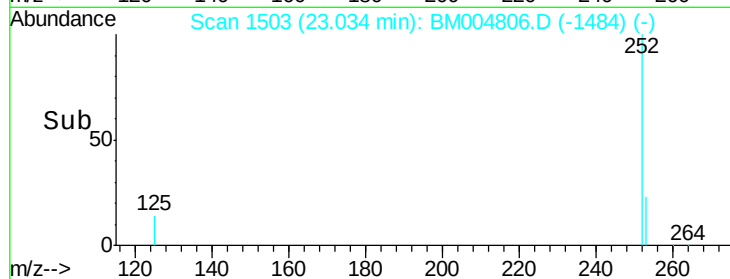
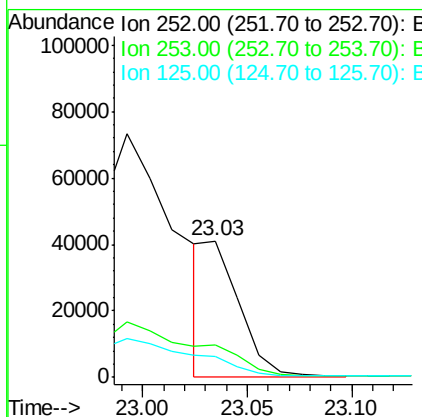
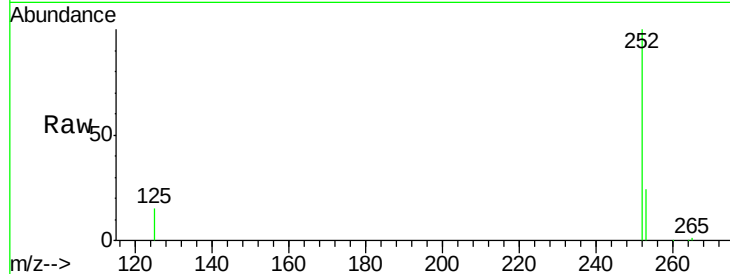
#24
Benzo(k)fluoranthene
Concen: 3.23 ng/ul m
RT: 23.03 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_M
ClientSampleId :
A4T40

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.8
125	15.1	10.4	15.6

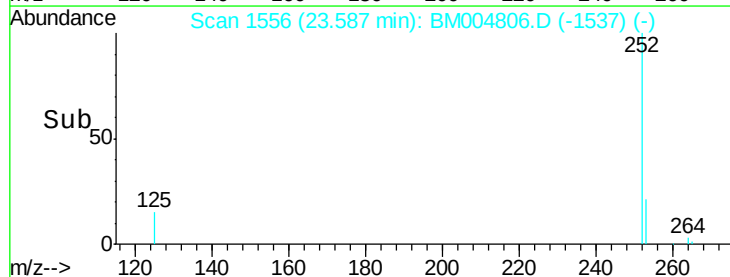
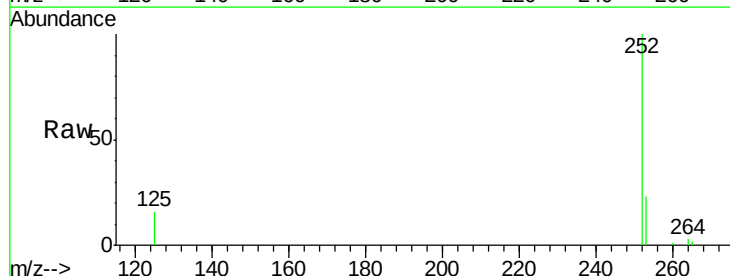
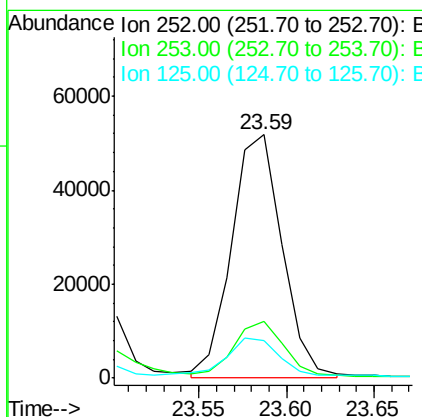
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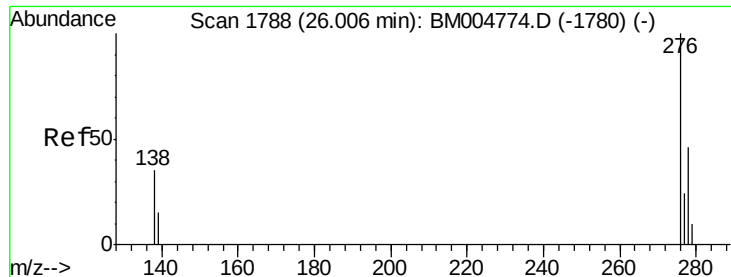
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#25
Benzo(a)pyrene
Concen: 7.20 ng/ul m
RT: 23.59 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BM004806.D
Acq: 28 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.2
125	15.7	12.7	19.1





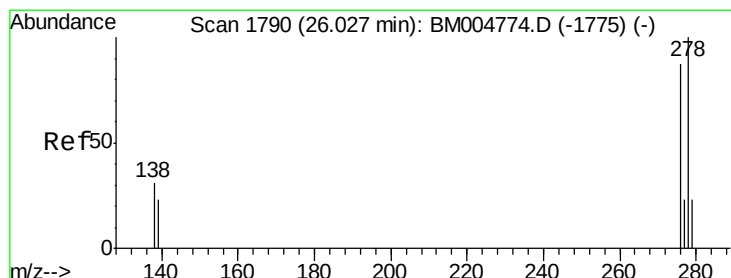
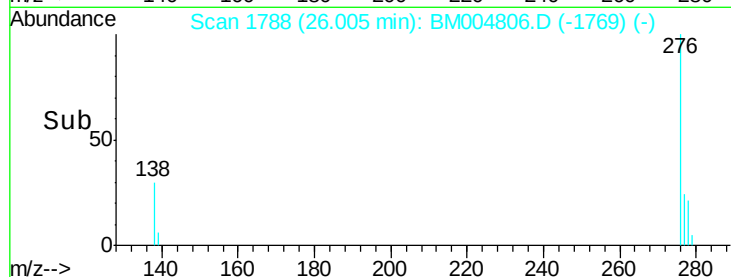
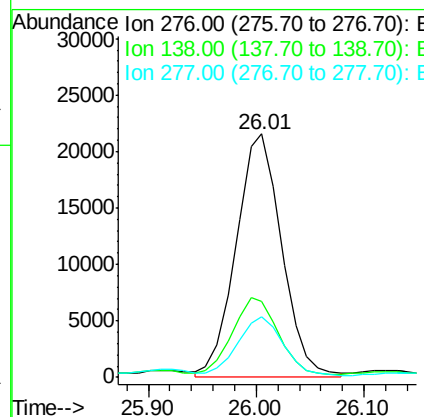
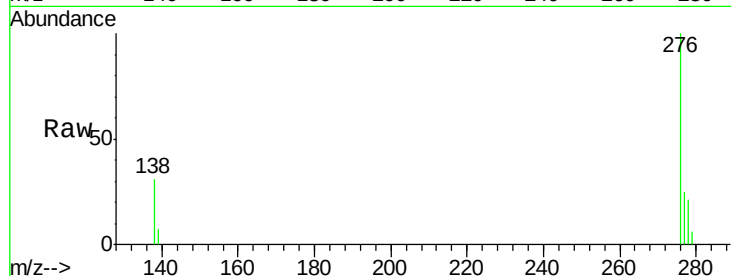
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 4.74 ng/ul m
 RT: 26.01 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BM004806.D
 Acq: 28 Mar 2016 14:43

Instrument :
 BNA_M
 ClientSampled :
 A4T40

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.7	16.3	24.5#
277	3.7	19.8	29.8#

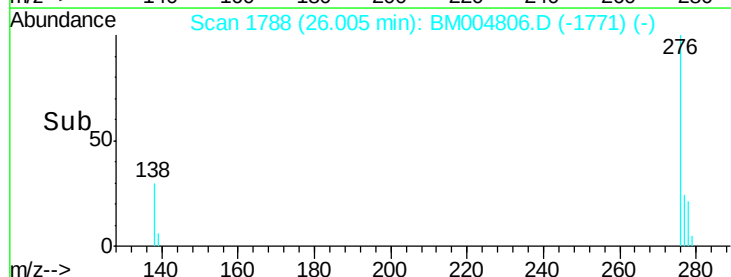
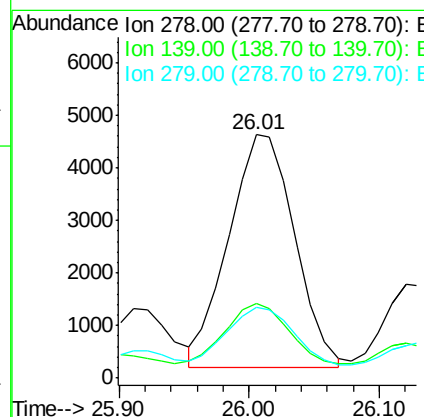
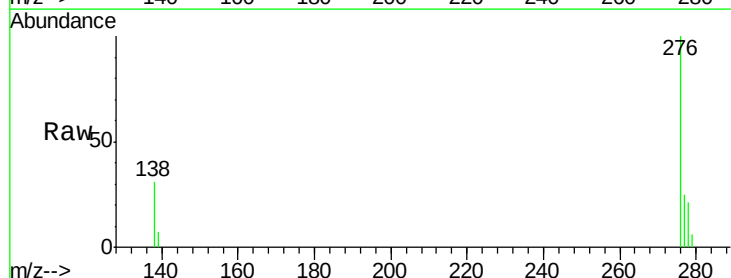
Manual Integrations
 APPROVED

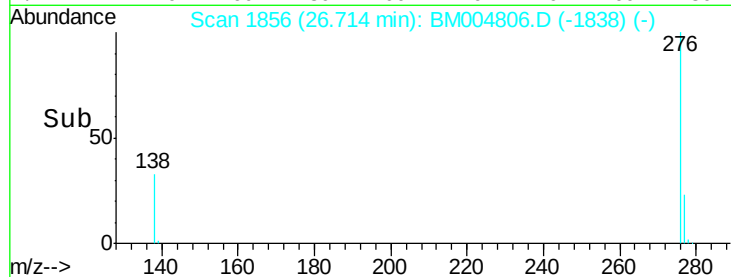
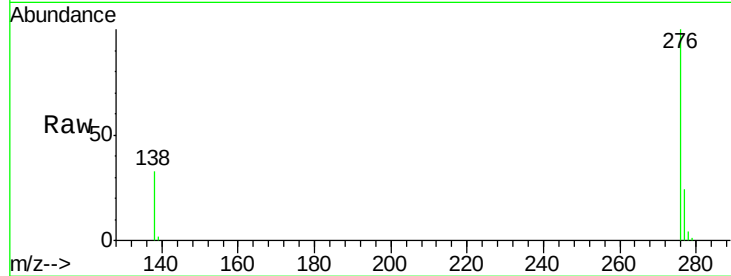
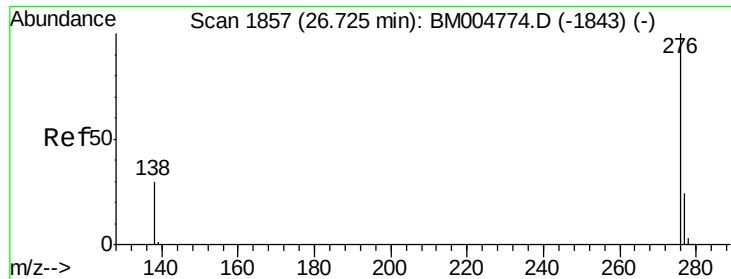
Sohil
 4/6/2016 5:05:02 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 1.48 ng/ul m
 RT: 26.01 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM004806.D
 Acq: 28 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.6	16.4	24.6#
279	29.2	20.2	30.2





#28

Benzo(a,h,i)perylene

Concen: 4.77 ng/ul m

RT: 26.71 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM004806.D

Acq: 28 Mar 2016 14:43

Instrument :

BNA_M

ClientSampleId :

A4T40

Tot Ion:	276	Resp:	52634
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	33.4	22.5	33.7

Manual Integrations
APPROVED

Sohil
4/6/2016 5:05:02 PM

