

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
 Data File : BM004764.D
 Acq On : 24 Mar 2016 23:49
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Manual Integrations
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Quant Time: Mar 25 06:12:30 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 03:18:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	84932	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	339450	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	166250	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	344448	5.00	ng/ul	0.00
18) Chrysene-d12	21.40	240	268479	5.00	ng/ul	-0.01
22) Perylene-d12	23.69	264	241584	5.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	5649	0.14	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2019	0.01	ng/ul	-0.01
16) Fluoranthene-d10	19.24	212	4100	0.01	ng/ul	0.00
Target Compounds						Ovalue
5) Naphthalene	10.67	128	2046	0.00	ng/ul#	90
10) Acenaphthene	14.52	153	248201	0.45	ng/ul	89
13) Pentachlorophenol	16.85	266	42032	0.91	ng/ul	97
14) Phenanthrene	17.24	178	21513	0.02	ng/ul	95
15) Anthracene	17.33	178	6028m	0.01	ng/ul	
17) Fluoranthene	19.27	202	53242	0.05	ng/ul	98
19) Pyrene	19.63	202	537217	0.57	ng/ul	99
20) Benzo(a)anthracene	21.38	228	30618	0.05	ng/ul#	93
21) Chrysene	21.43	228	31369	0.04	ng/ul	94
23) Benzo(b)fluoranthene	22.99	252	62332m	0.07	ng/ul	
24) Benzo(k)fluoranthene	23.03	252	20024m	0.02	ng/ul	
25) Benzo(a)pyrene	23.59	252	45753	0.06	ng/ul#	96
26) Indeno(1,2,3-cd)pyrene	26.01	276	40912	0.05	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.02	278	10178	0.02	ng/ul#	59
28) Benzo(a,h,i)perylene	26.72	276	50605	0.07	ng/ul#	91

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

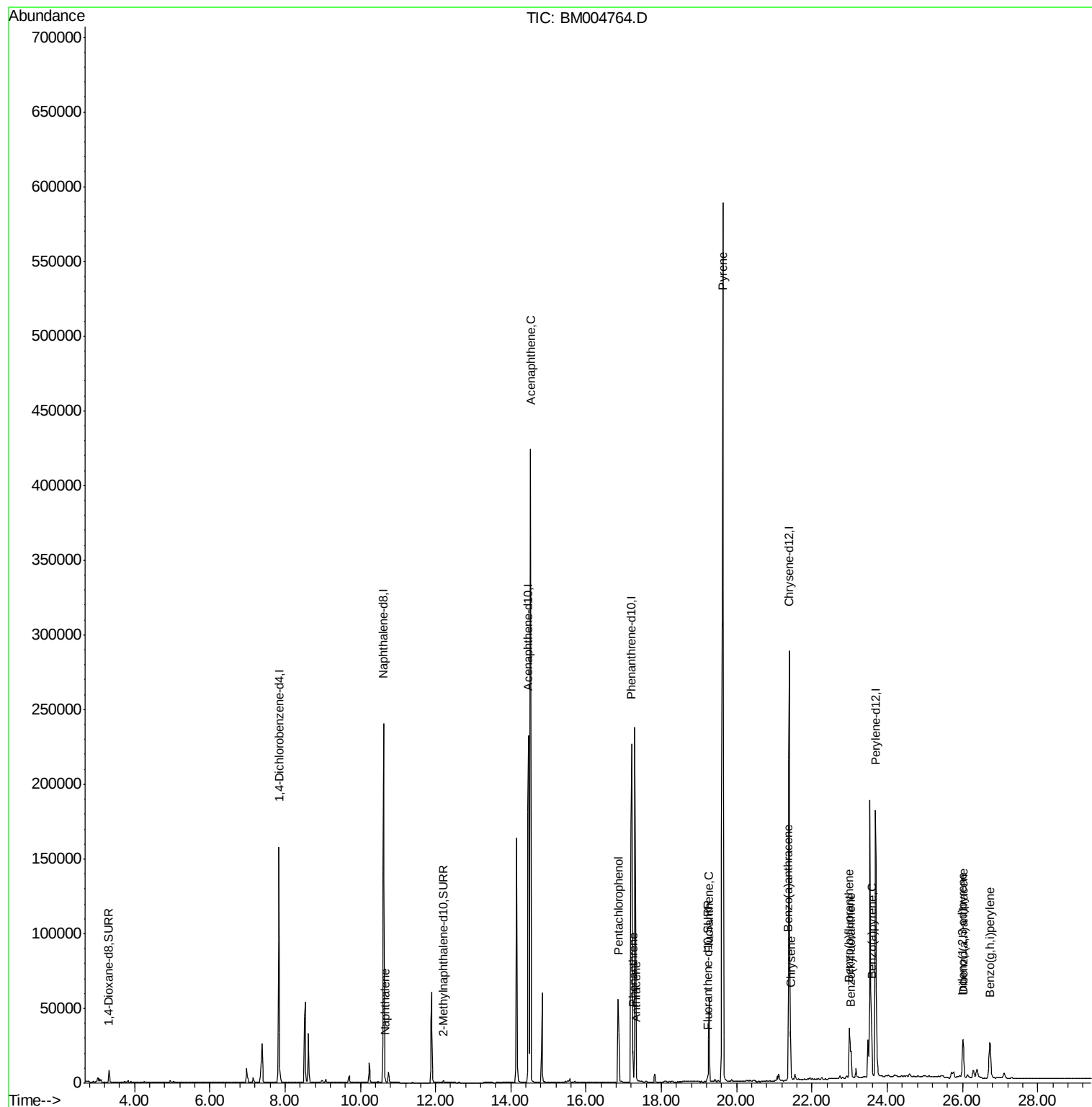
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032416\
Data File : BM004764.D
Acq On : 24 Mar 2016 23:49
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Sample : H1909-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

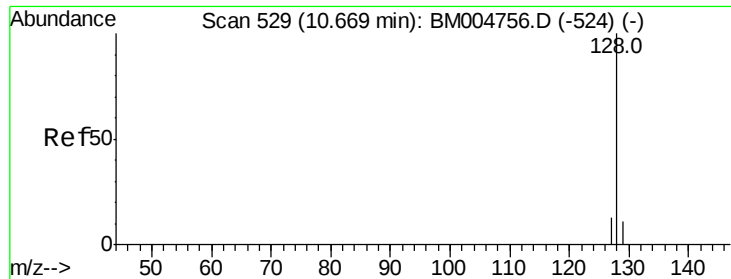
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Quant Time: Mar 25 06:12:30 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 03:18:48 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. 0.00 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Instrument :

BNA_M

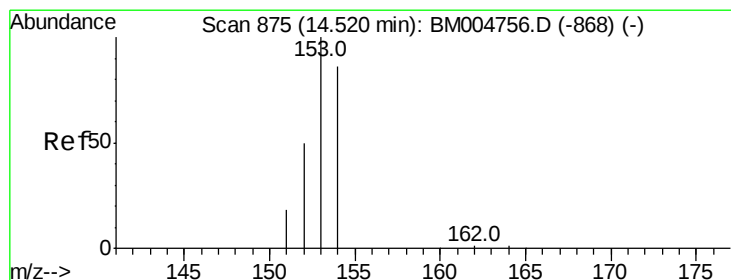
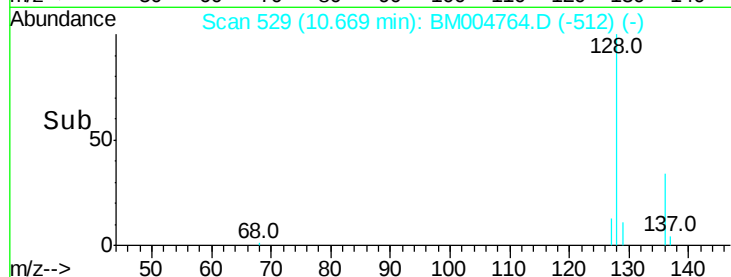
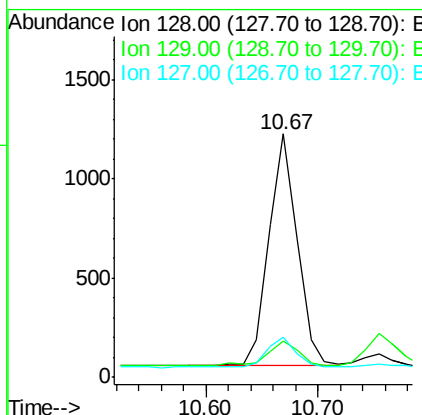
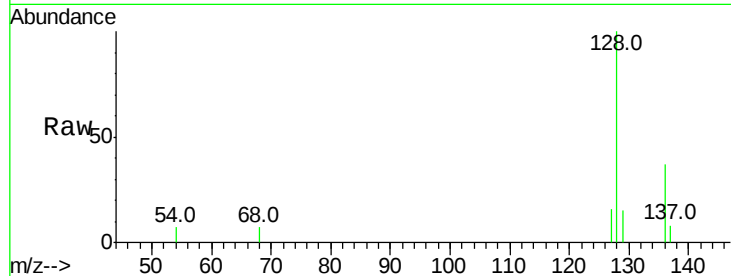
ClientSampleId :

A4T45MS

Tot Ion:128	Resp:	2046
Ion Ratio	Lower	Upper
128 100		
129 15.1	9.0	13.6#
127 16.3	9.6	14.4#

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#10

Acenaphthene

Concen: 0.45 ng/ul

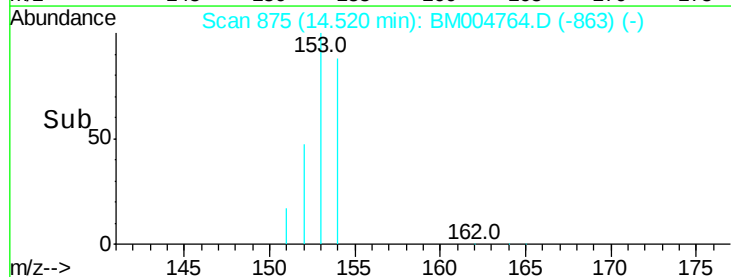
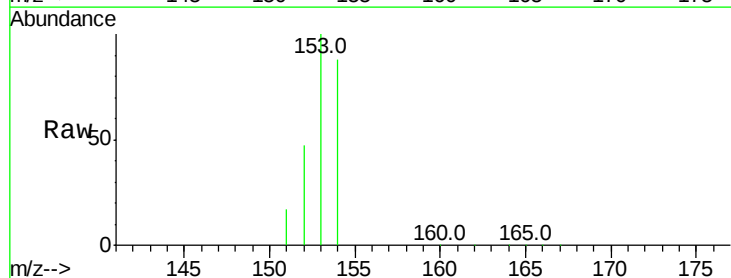
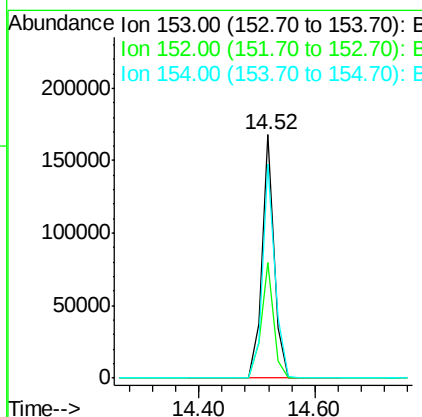
RT: 14.52 min Scan# 875

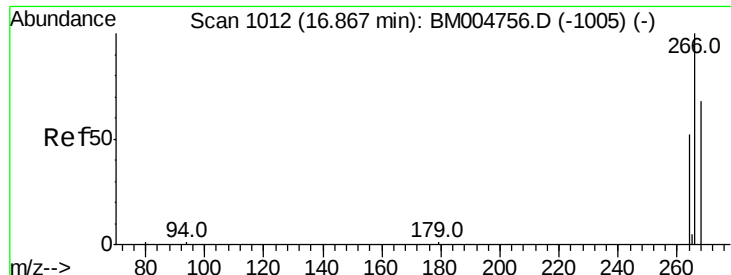
Delta R.T. 0.00 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Tgt Ion:153	Resp:	248201
Ion Ratio	Lower	Upper
153 100		
152 47.3	33.9	50.9
154 87.8	80.6	121.0





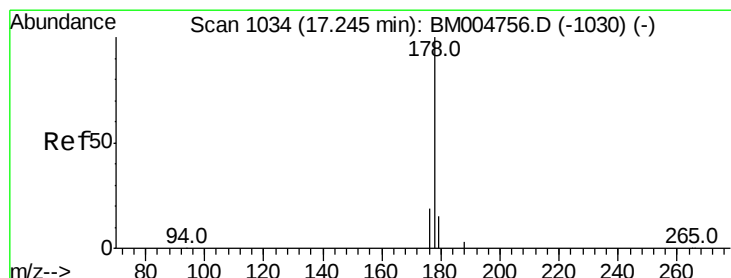
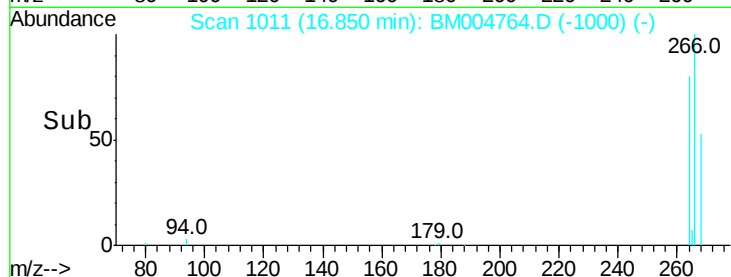
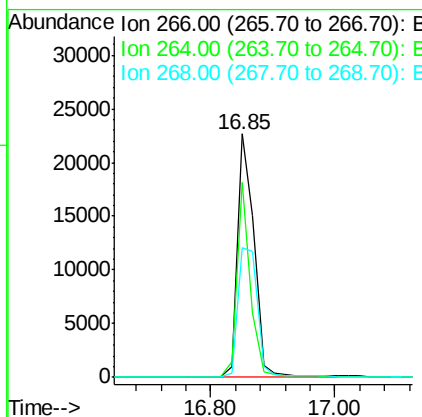
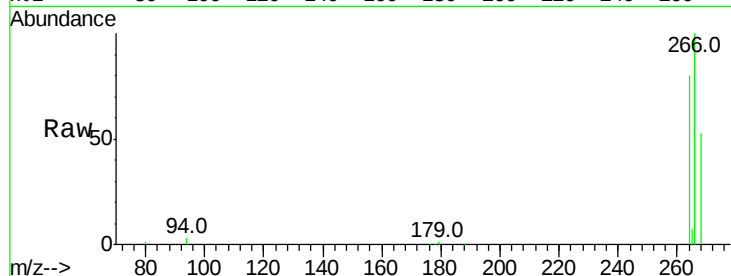
#13
 Pentachlorophenol
 Concen: 0.91 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	42032		
264	65.2		51.8	77.8
268	62.9		46.8	70.2

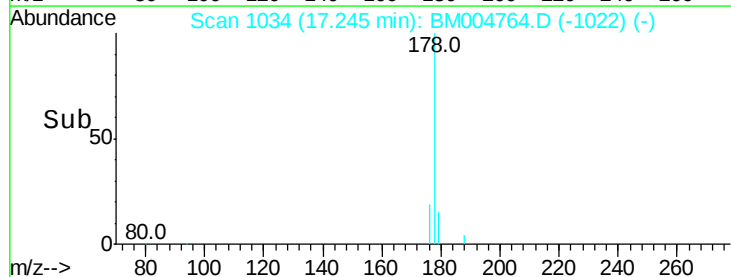
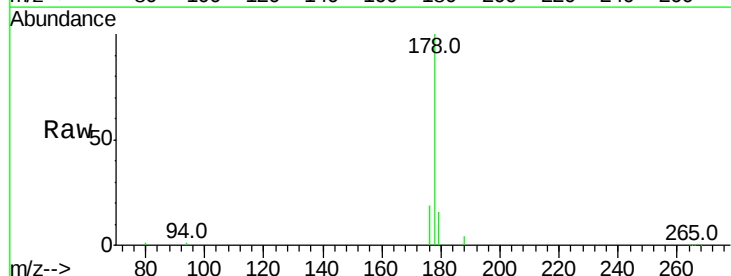
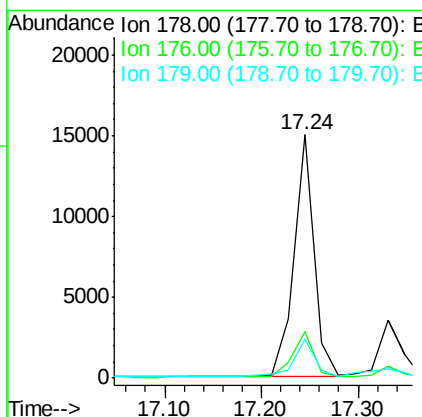
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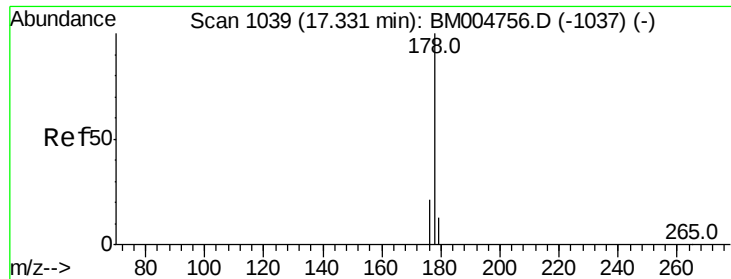
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#14
 Phenanthrene
 Concen: 0.02 ng/ul
 RT: 17.24 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	21513		
176	18.9		13.0	19.4
179	15.8		14.2	21.2





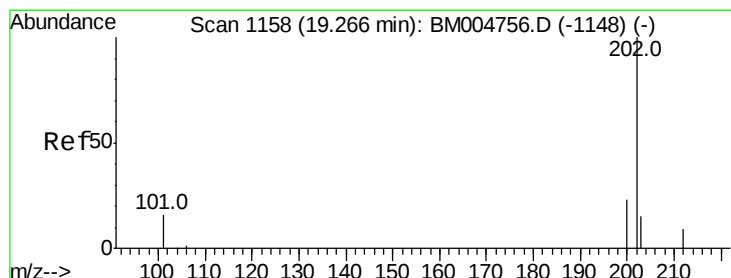
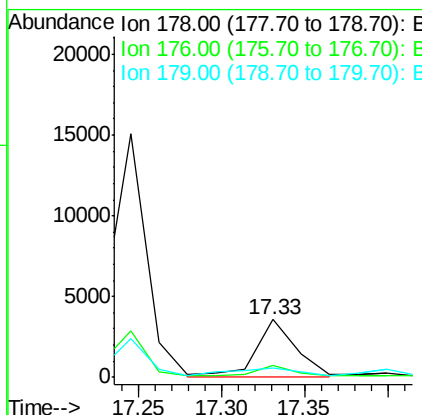
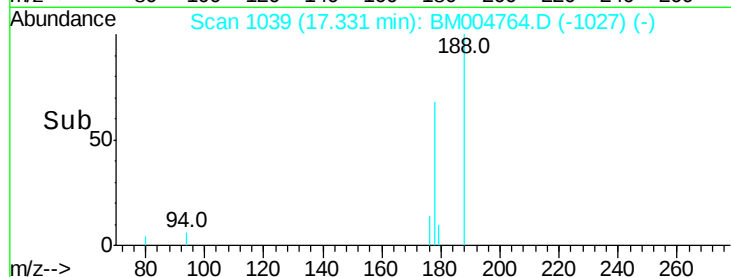
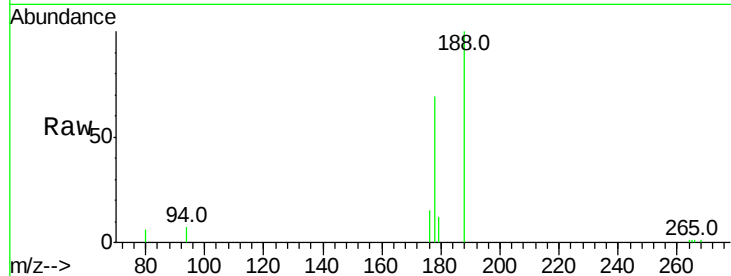
#15
 Anthracene
 Concen: 0.01 ng/ul m
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Tot Ion:178 Resp: 6028
 Ion Ratio Lower Upper
 178 100
 176 21.3 14.0 21.0#
 179 16.9 12.9 19.3

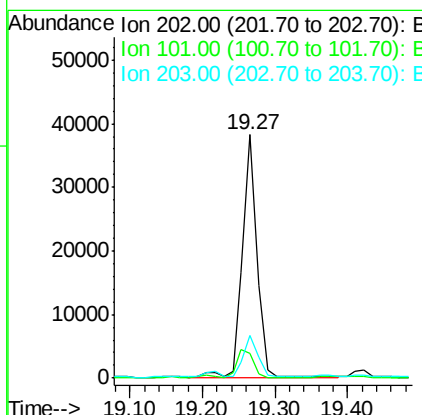
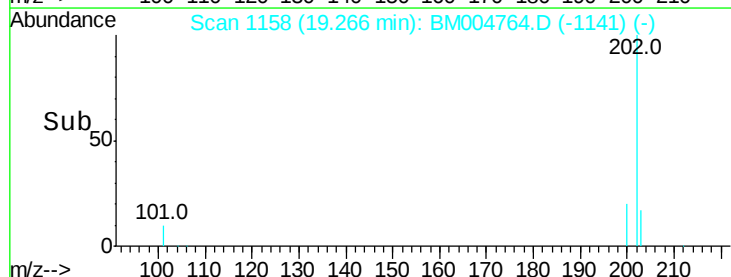
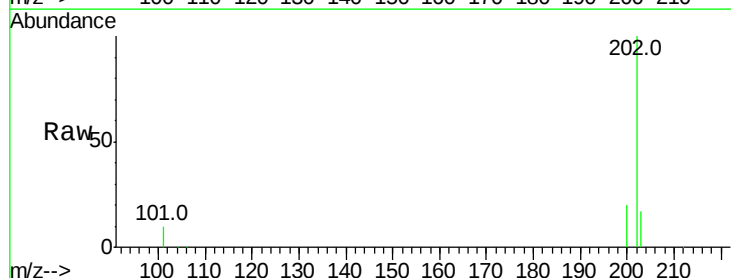
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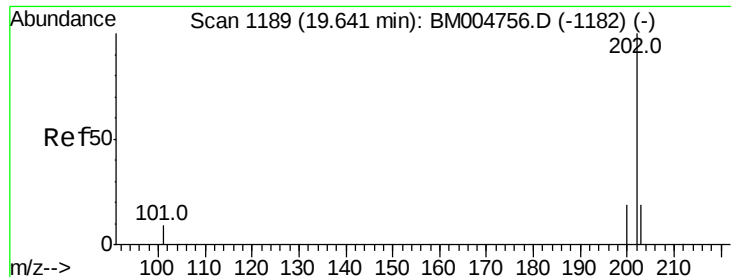
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#17
 Fluoranthene
 Concen: 0.05 ng/ul
 RT: 19.27 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Tgt Ion:202 Resp: 53242
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 29.6
 203 17.5 0.0 36.3





#19

Pvrene

Concen: 0.57 ng/ul

RT: 19.63 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Instrument :

BNA_M

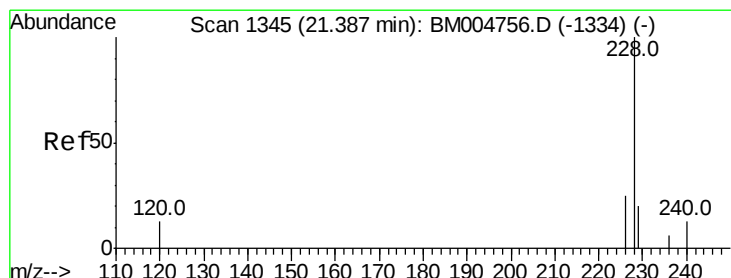
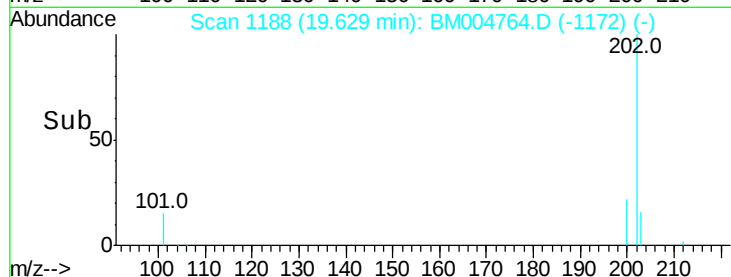
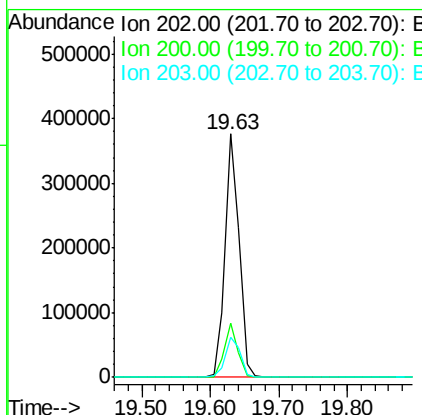
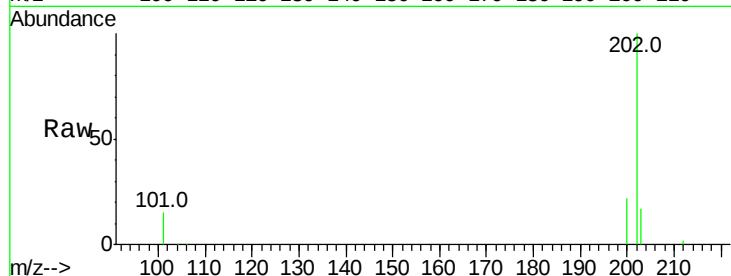
ClientSampleId :

A4T45MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	16.5	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

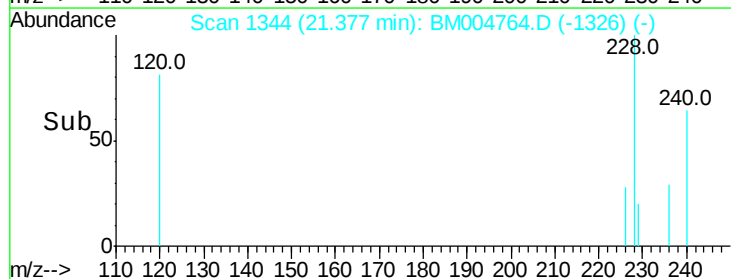
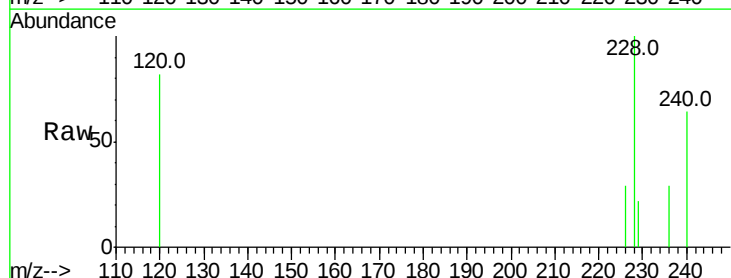
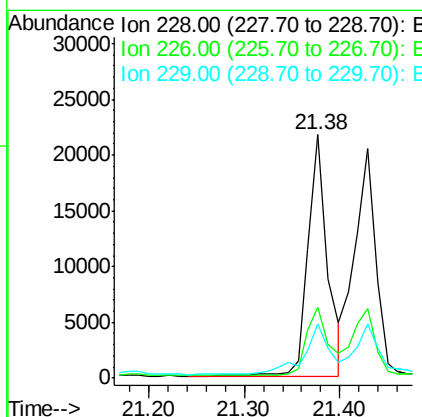
RT: 21.38 min Scan# 1344

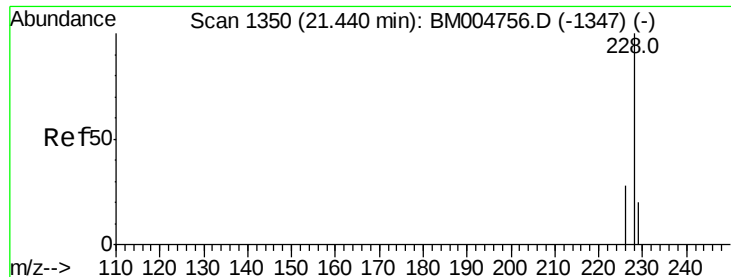
Delta R.T. -0.01 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	22.4	17.1	25.7





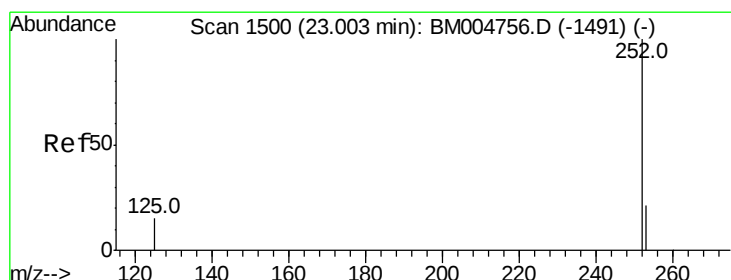
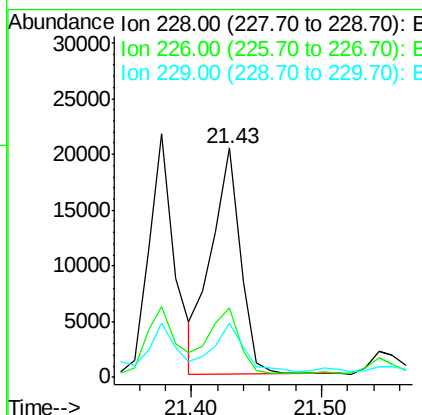
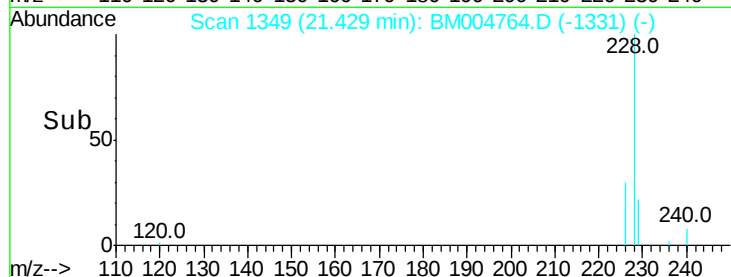
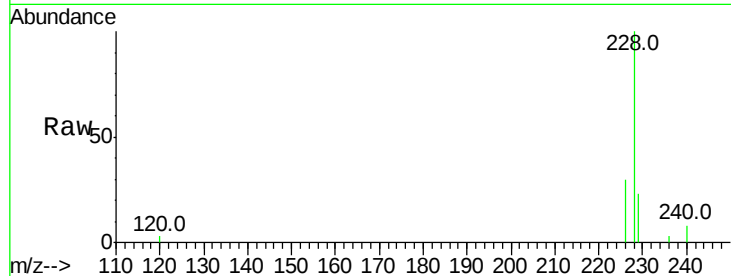
#21
Chrysene
Concen: 0.04 ng/ul
RT: 21.43 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BM004764.D
Acq: 24 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.2	31.8
229	23.4	17.0	25.6

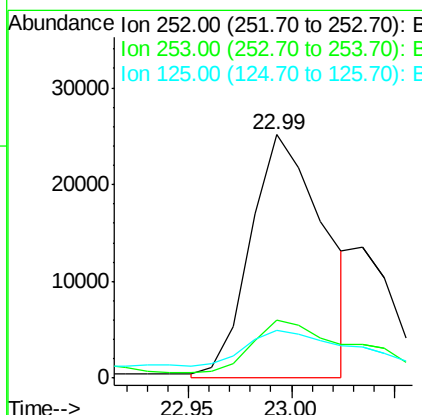
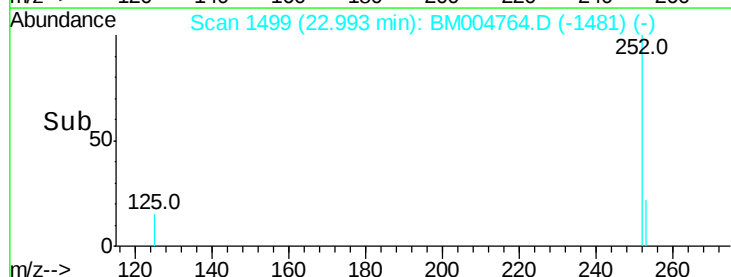
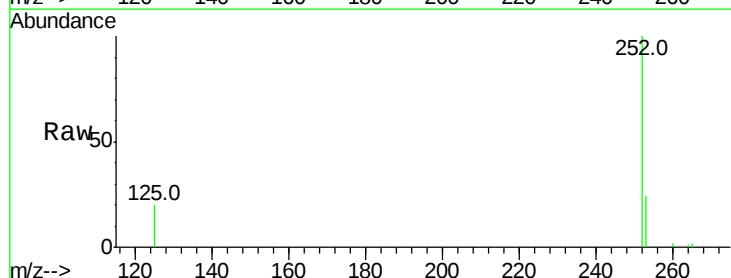
Manual Integrations
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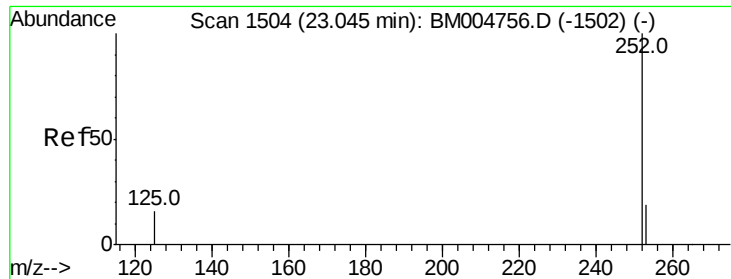
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#23
Benzo(b)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.99 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BM004764.D
Acq: 24 Mar 2016 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	45.4
125	19.6	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 23.03 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM004764.D

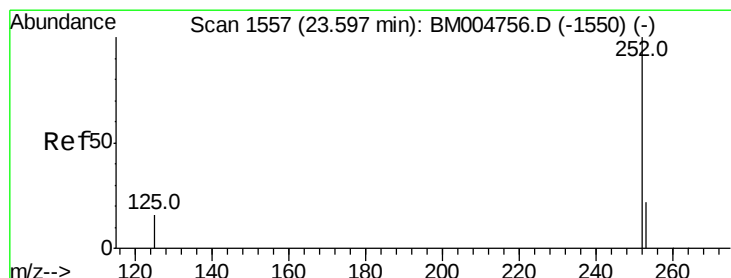
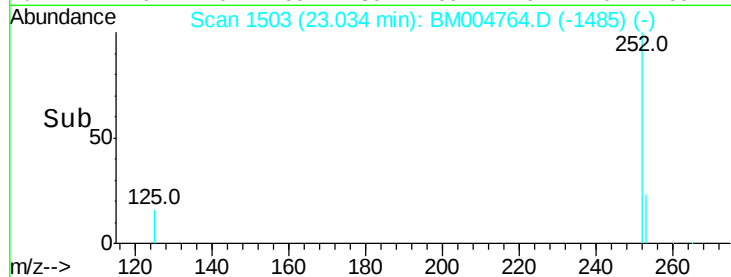
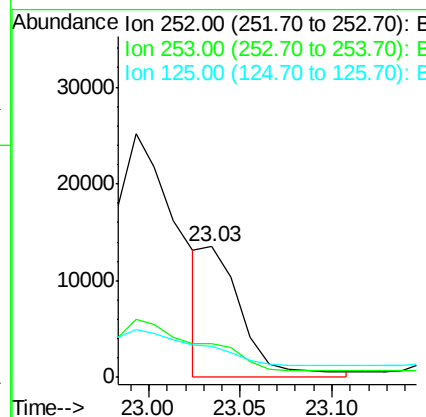
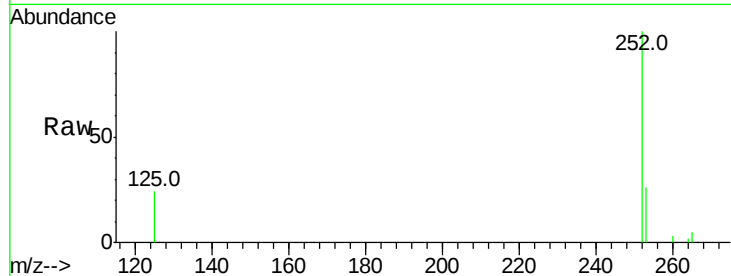
Acq: 24 Mar 2016 23:49

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.8	29.8
125	24.2	10.4	15.6

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#25

Benzo(a)pyrene

Concen: 0.06 ng/ul

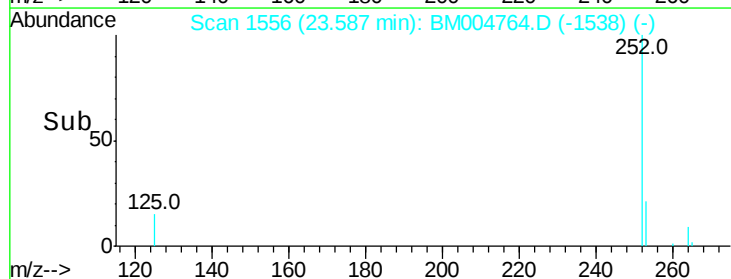
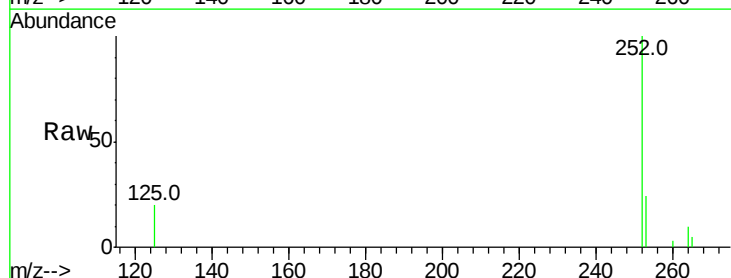
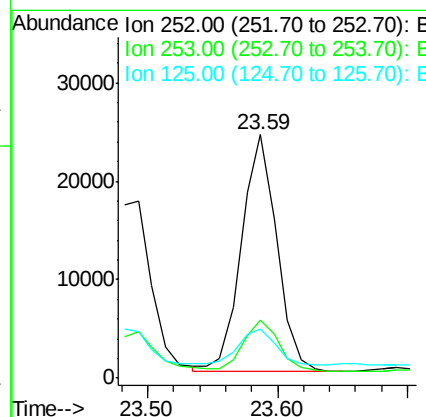
RT: 23.59 min Scan# 1556

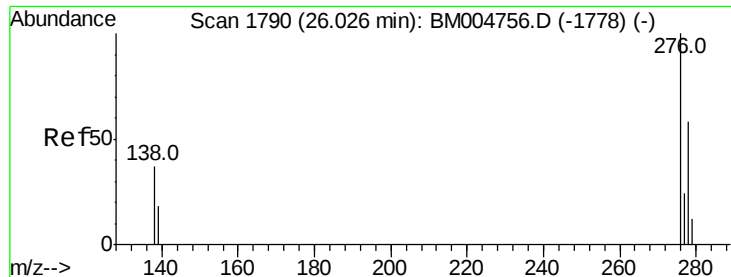
Delta R.T. -0.01 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	20.2	12.7	19.1





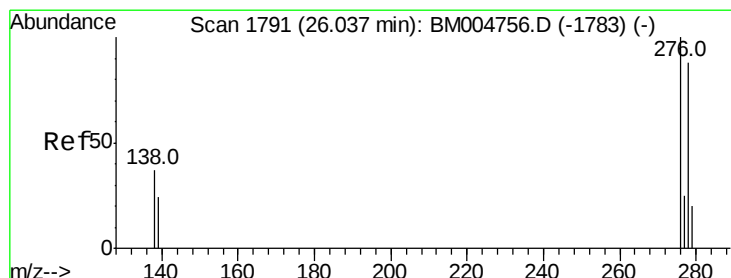
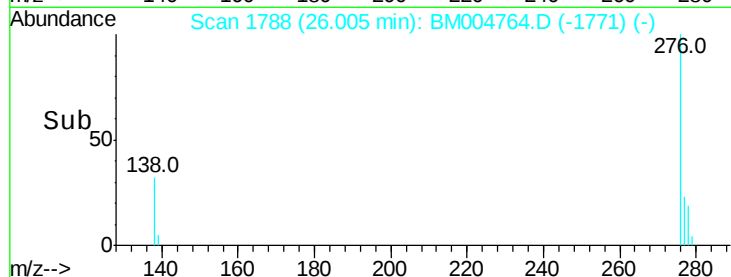
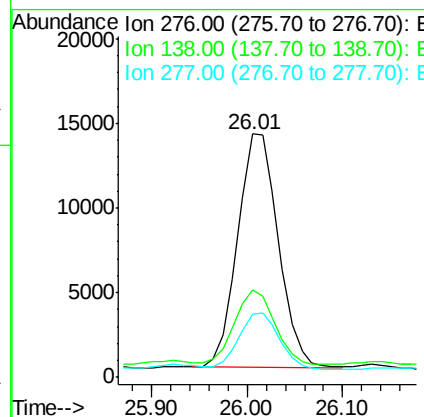
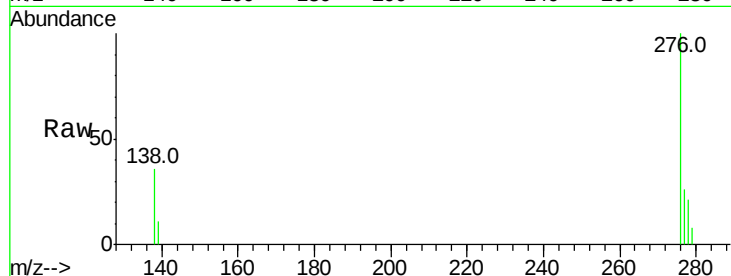
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/uL
 RT: 26.01 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Instrument :
 BNA_M
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 A4T45MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	16.3	24.5#
277	24.4	19.8	29.8

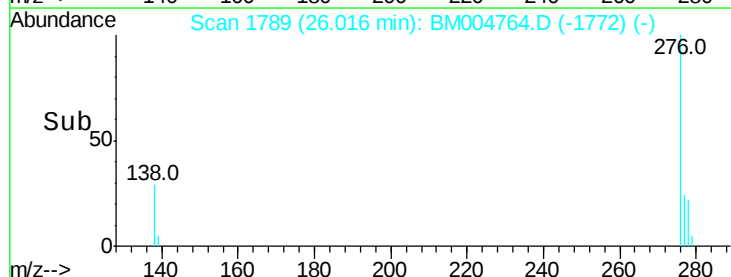
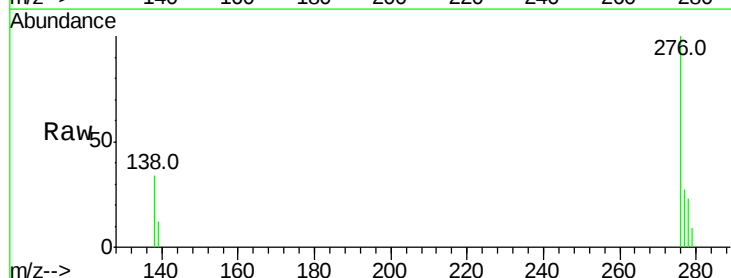
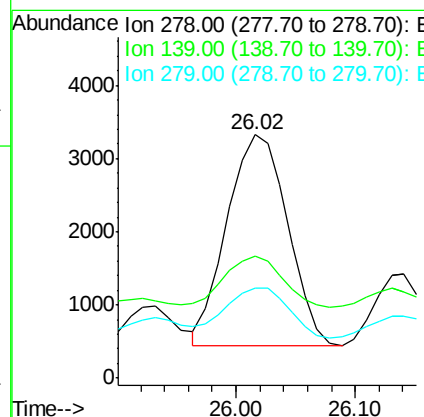
Manual Integrations
 APPROVED

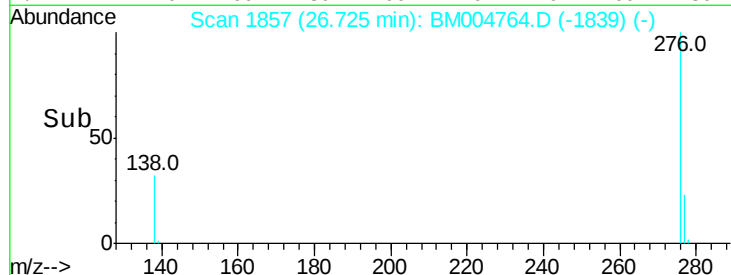
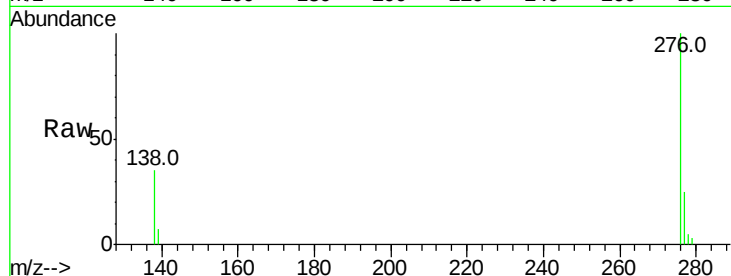
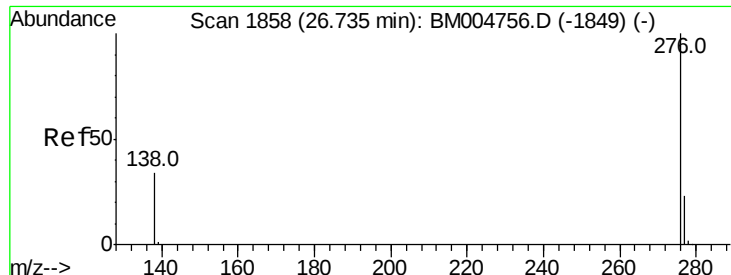
Sohil
 3/25/2016 2:59:51 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/uL
 RT: 26.02 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BM004764.D
 Acq: 24 Mar 2016 23:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.9	16.4	24.6#
279	37.1	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.07 ng/ul

RT: 26.72 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM004764.D

Acq: 24 Mar 2016 23:49

Instrument :

BNA_M

ClientSampleId :

A4T45MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	35.0	22.5	33.7

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