

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006289.D
 Acq On : 06 Jul 2016 19:02
 Operator : UM/SJ
 Sample : H3811-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV3

Manual Integrations

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 7/7/2016 6:04:23 PM

Quant Time: Jul 07 10:56:10 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 05:51:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4264	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	17021	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9942	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	20883m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	14362	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	10954m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9823	5.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	7564	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	15976	0.36	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	1285	0.03	ng/ul#	77
7) 2-Methylnaphthalene	12.09	142	779	0.03	ng/ul	99
9) Acenaphthylene	14.01	152	6477	0.19	ng/ul#	94
14) Phenanthrene	17.07	178	16526m	0.29	ng/ul	
15) Anthracene	17.16	178	6447	0.12	ng/ul#	86
17) Fluoranthene	19.11	202	95179m	1.49	ng/ul	
19) Pyrene	19.47	202	100530	1.67	ng/ul	96
20) Benzo(a)anthracene	21.22	228	38475	0.83	ng/ul#	92
21) Chrysene	21.27	228	44109	0.97	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	69102m	1.76	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	17473m	0.48	ng/ul	
25) Benzo(a)pyrene	23.35	252	33625m	0.92	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	24902m	0.61	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	6792m	0.21	ng/ul	
28) Benzo(a,h,i)perylene	26.34	276	21668m	0.63	ng/ul	

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

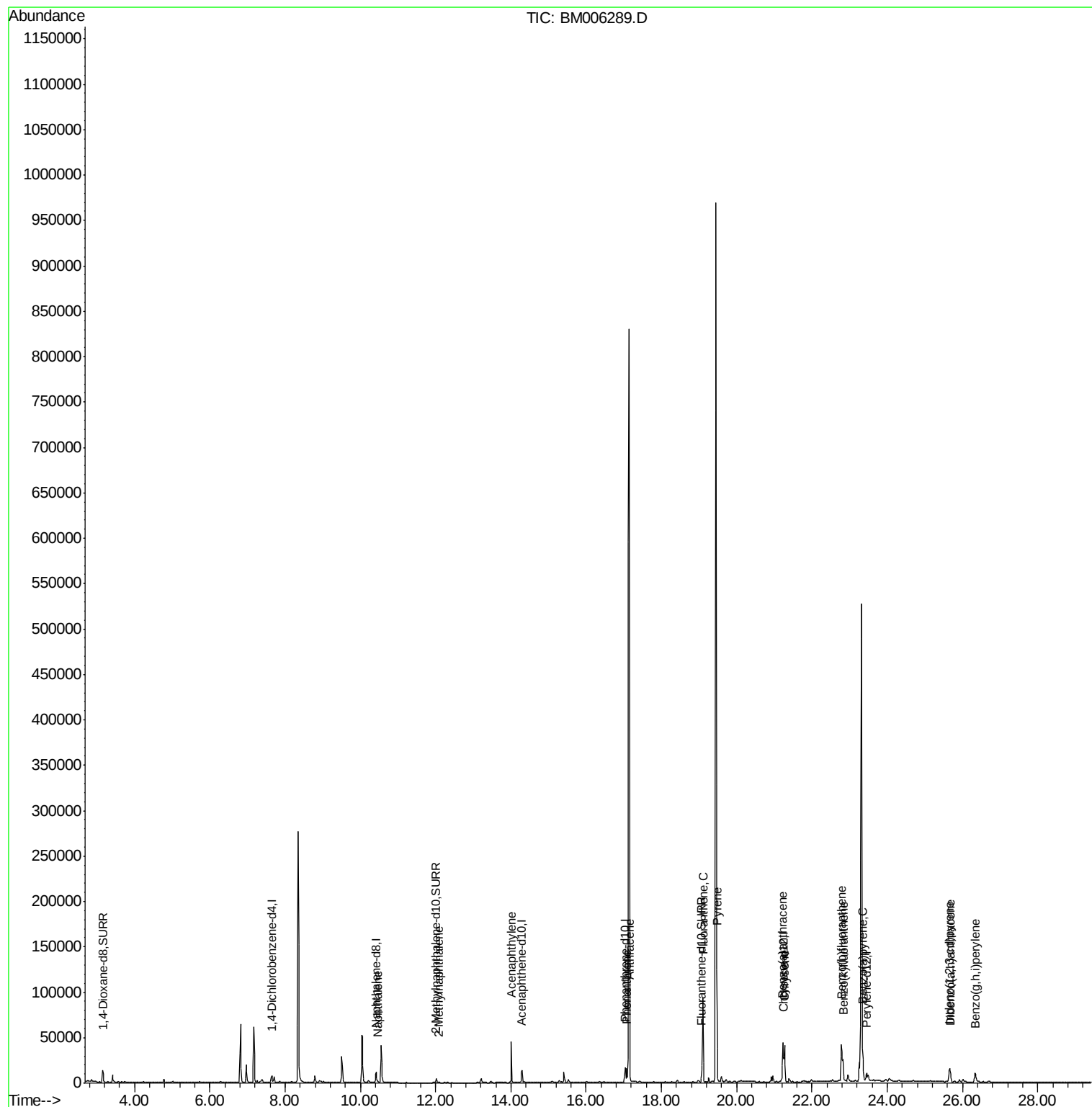
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006289.D
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Operator : UM/SJ
Sample : H3811-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

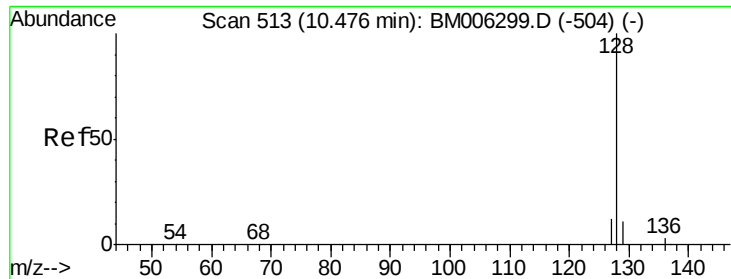
Instrument :
BNA_M
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A4TV3

Manual Integrations

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Quant Time: Jul 07 10:56:10 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampled :

A4TV3

Tot Ion:128 Resp: 1285

Ion Ratio Lower Upper

128 100

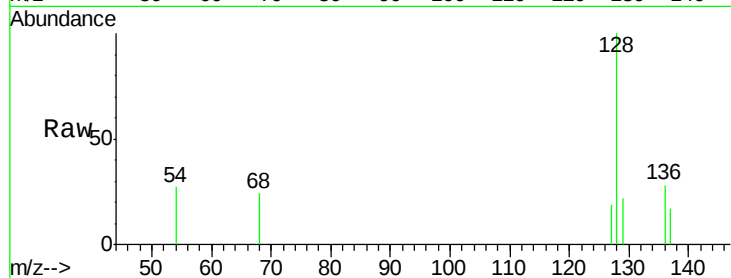
129 21.6 9.0 13.6#

127 19.2 9.6 14.4#

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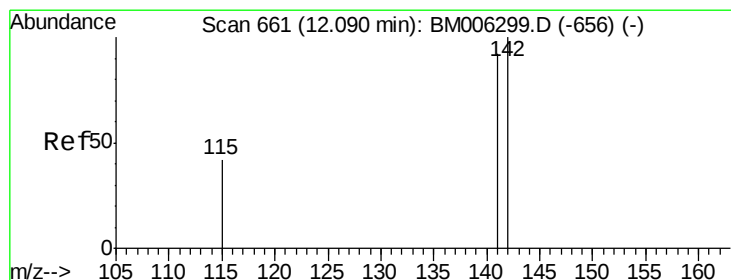
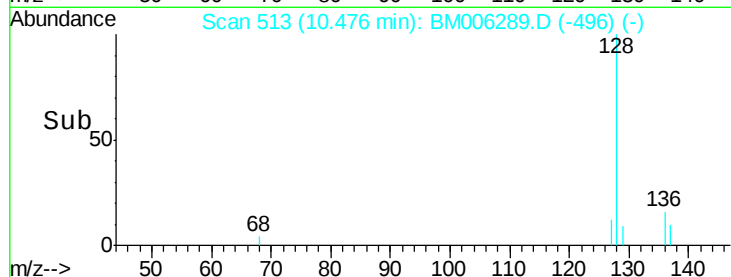
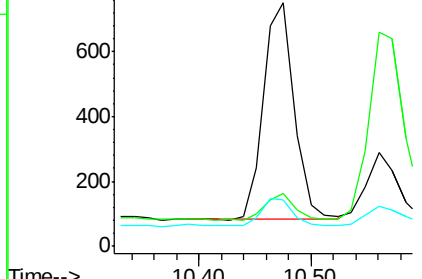
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. 0.00 min

Lab File: BM006289.D

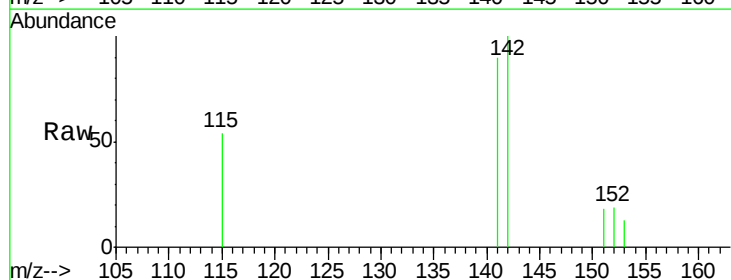
Acq: 06 Jul 2016 19:02

Tgt Ion:142 Resp: 779

Ion Ratio Lower Upper

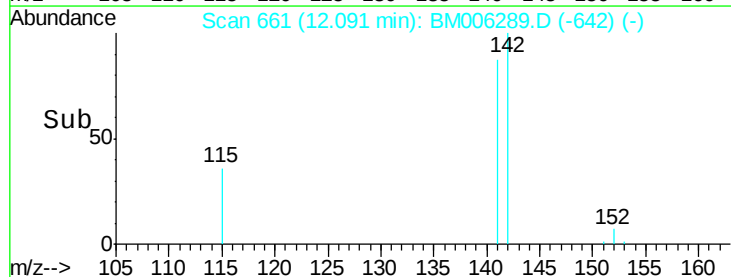
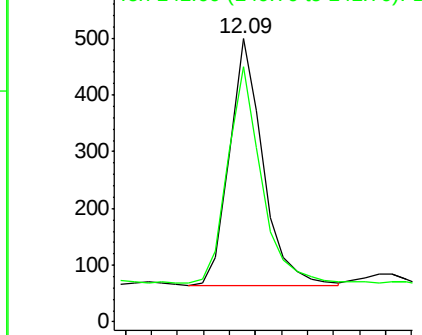
142 100

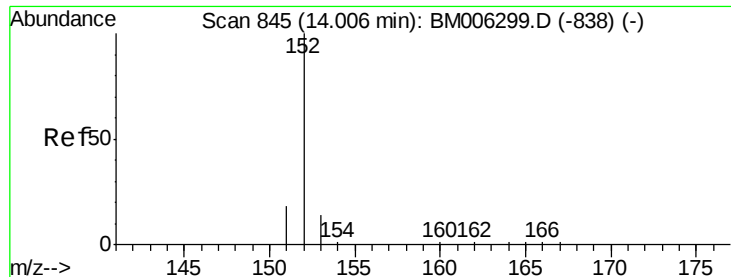
141 86.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.19 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

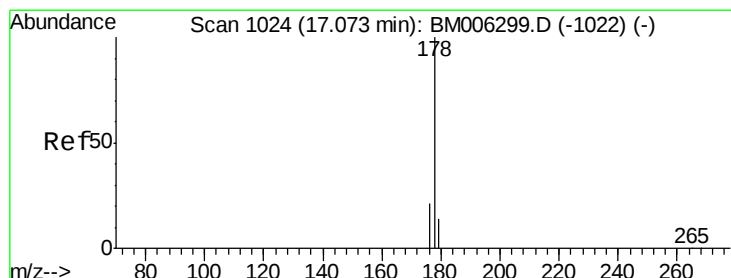
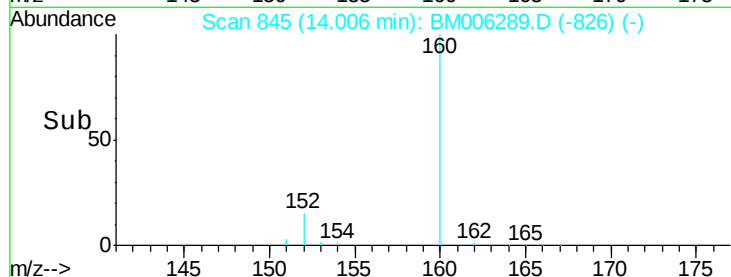
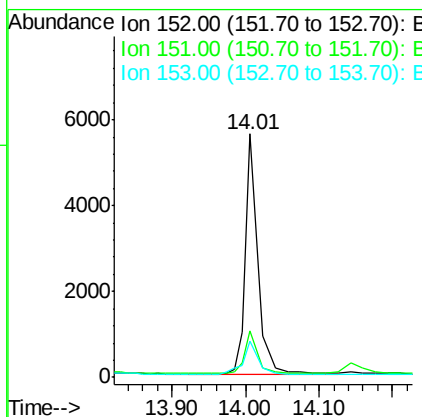
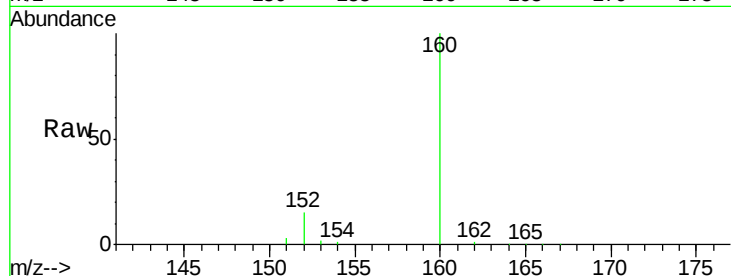
A4TV3

Tot Ion:	152	Resp:	6477
Ion	Ratio	Lower	Upper
152	100		
151	19.2	17.6	26.4
153	15.0	9.7	14.5#

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#14

Phenanthrene

Concen: 0.29 ng/ul m

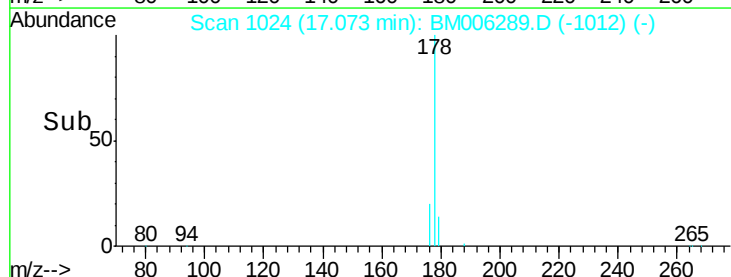
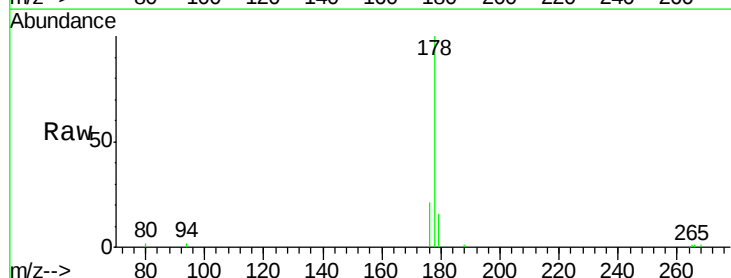
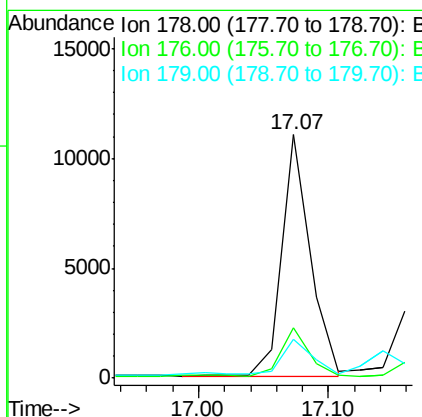
RT: 17.07 min Scan# 1024

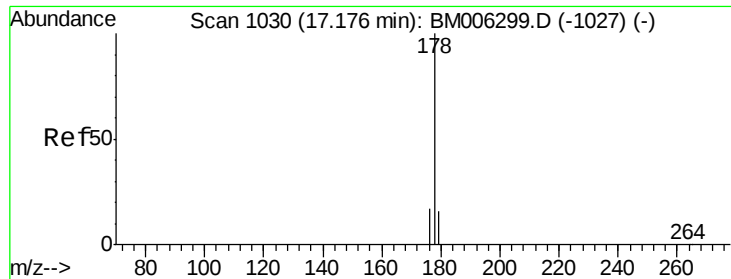
Delta R.T. 0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Tgt Ion:	178	Resp:	16526
Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.0	19.4#
179	15.7	14.2	21.2





#15

Anthracene

Concen: 0.12 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampled :

A4TV3

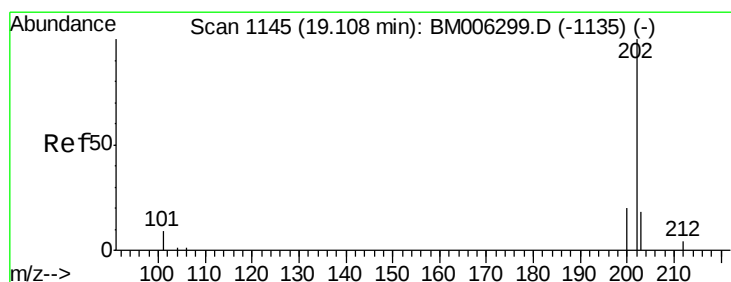
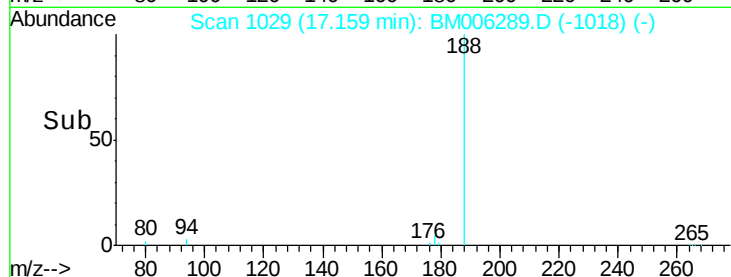
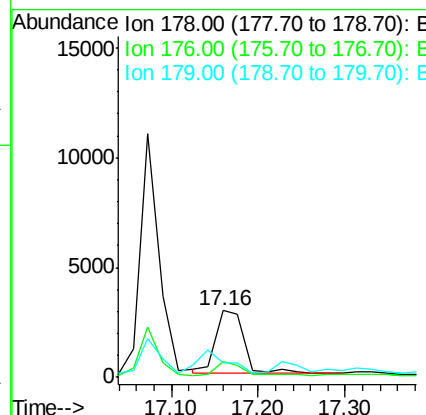
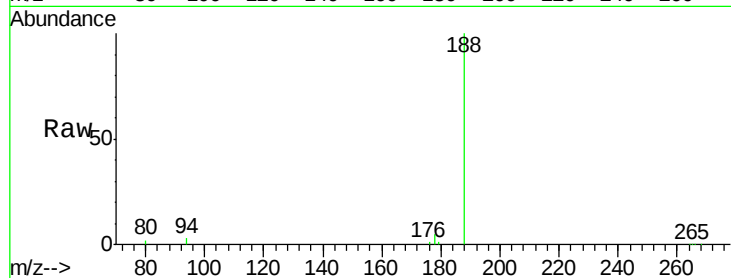
Tot Ion:178 Resp: 6447

Ion	Ratio	Lower	Upper
178	100		
176	24.0	14.0	21.0#
179	21.8	12.9	19.3#

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#17

Fluoranthene

Concen: 1.49 ng/ul m

RT: 19.11 min Scan# 1145

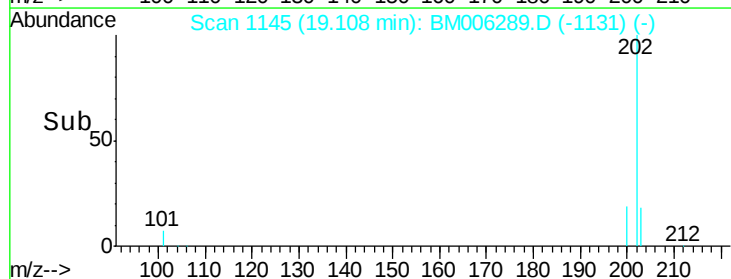
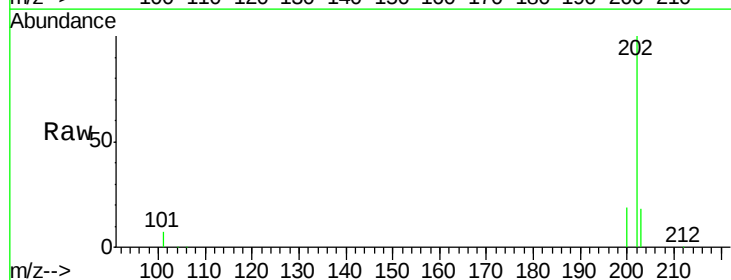
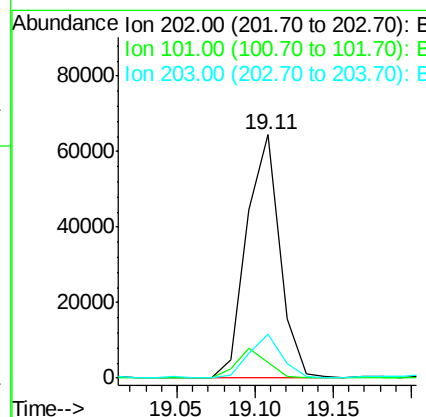
Delta R.T. 0.00 min

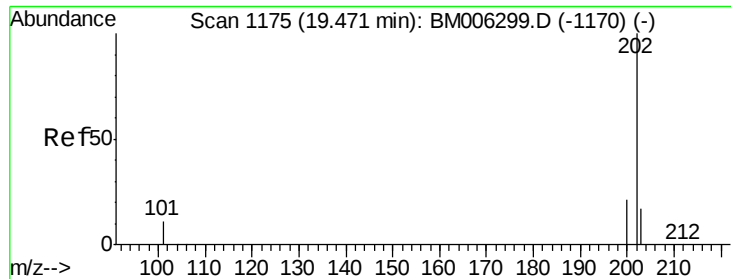
Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Tgt Ion:202 Resp: 95179

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	29.6
203	18.2	0.0	36.3





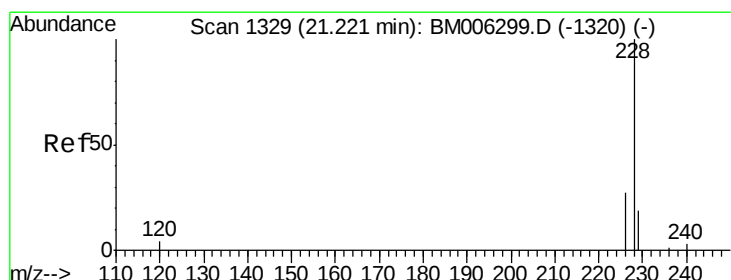
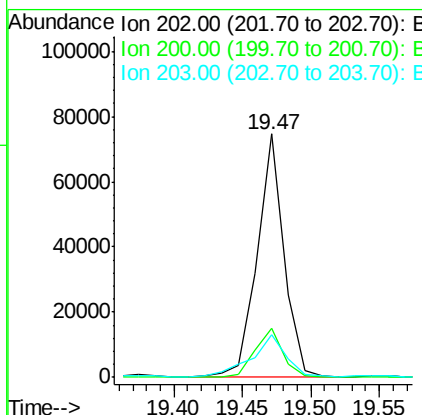
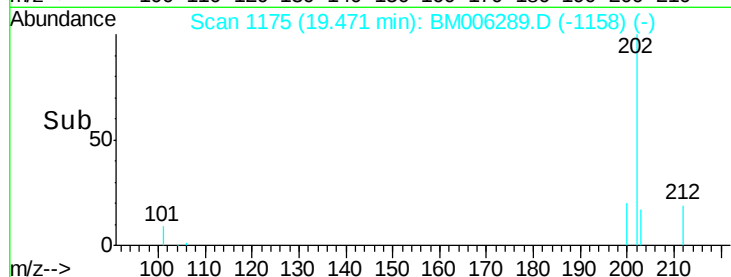
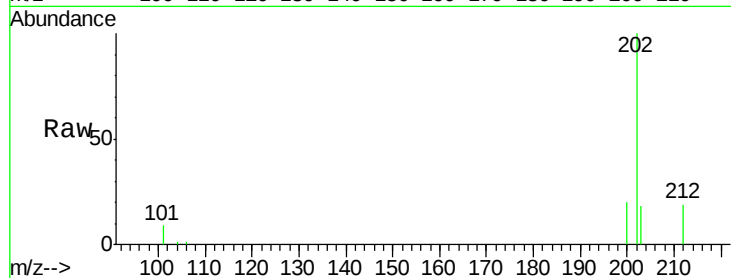
#19
Pvrene
Concen: 1.67 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Instrument :
BNA_M
ClientSampleId :
A4TV3

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.8
203	17.5	12.8	19.2

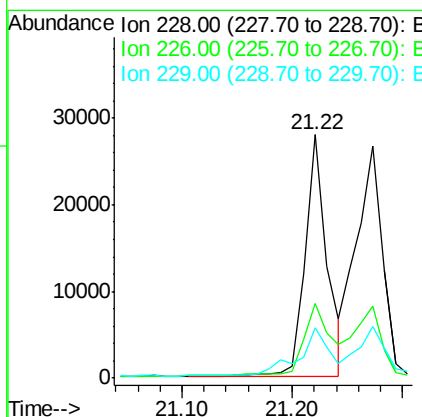
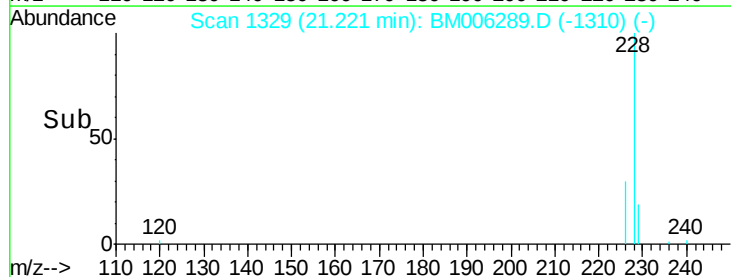
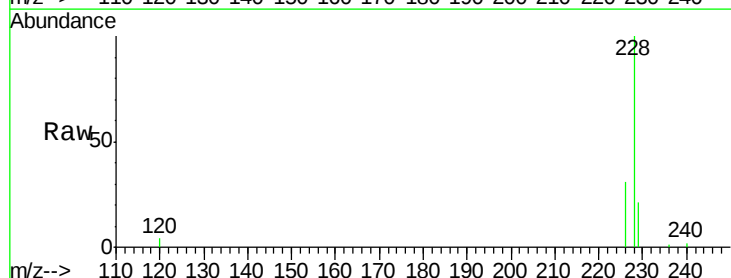
Manual Integrations

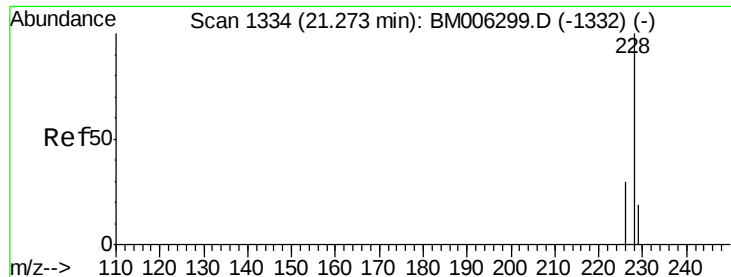
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#20
Benzo(a)anthracene
Concen: 0.83 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	18.8	28.2#
229	20.6	17.1	25.7





#21

Chrysene

Concen: 0.97 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3

Tot Ion:228 Resp: 44109

Ion Ratio Lower Upper

228 100

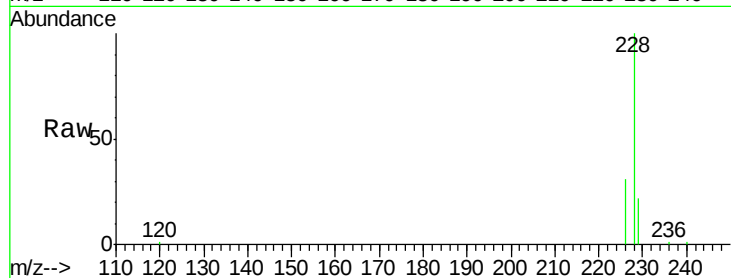
226 31.0 21.2 31.8

229 22.1 17.0 25.6

Manual Integrations

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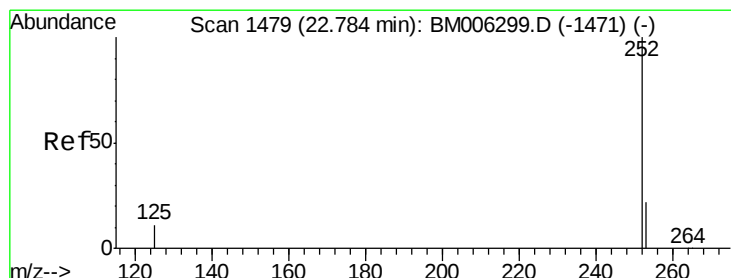
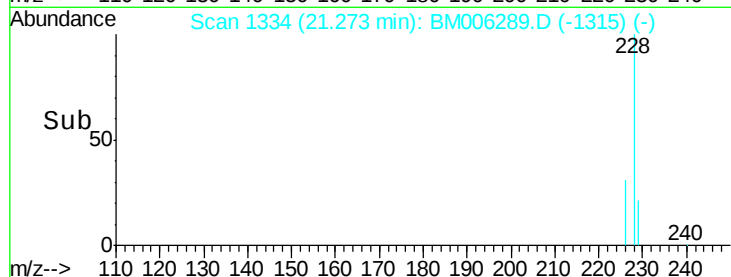
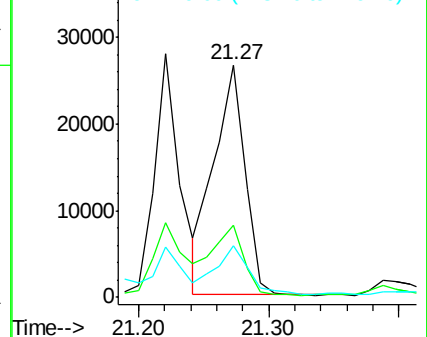
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 1.76 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006289.D

Acq: 06 Jul 2016 19:02

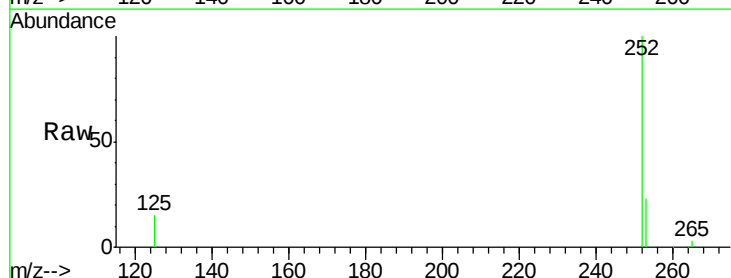
Tgt Ion:252 Resp: 69102

Ion Ratio Lower Upper

252 100

253 23.2 0.0 45.4

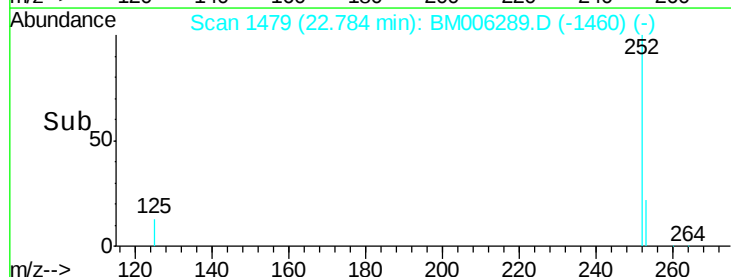
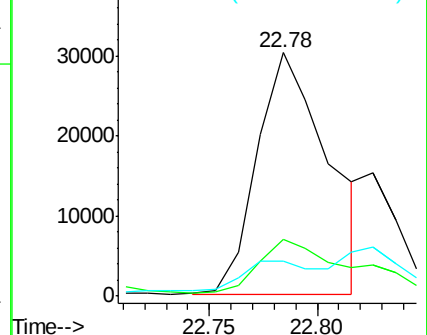
125 14.6 0.0 28.8

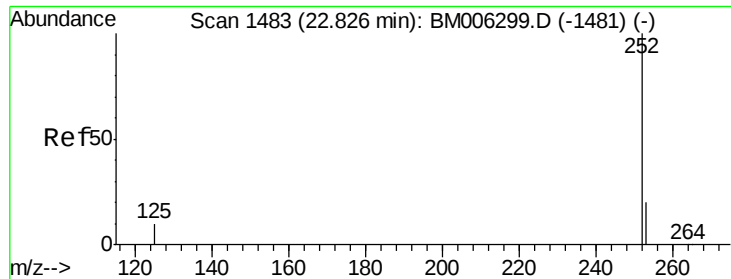


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





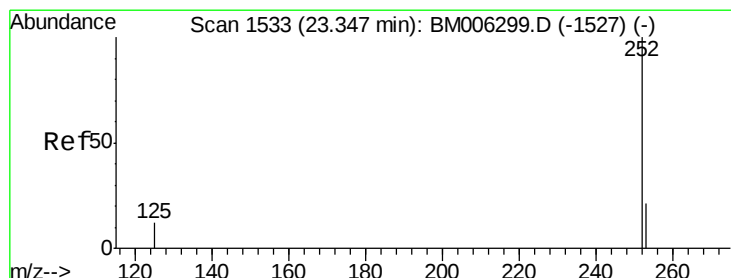
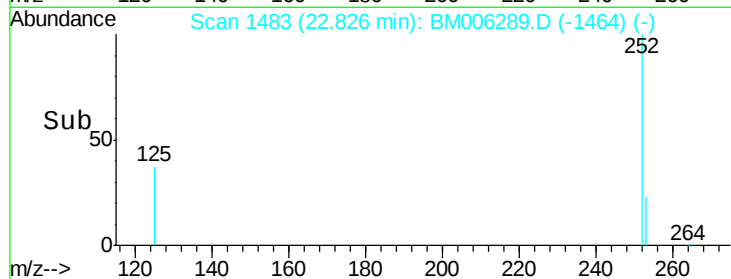
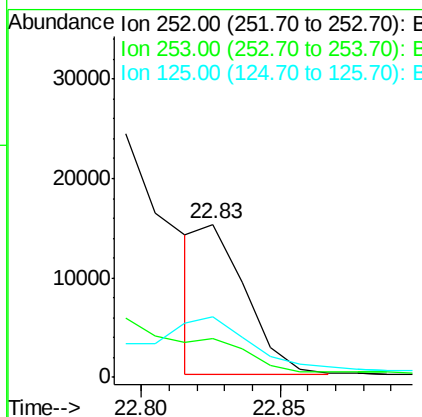
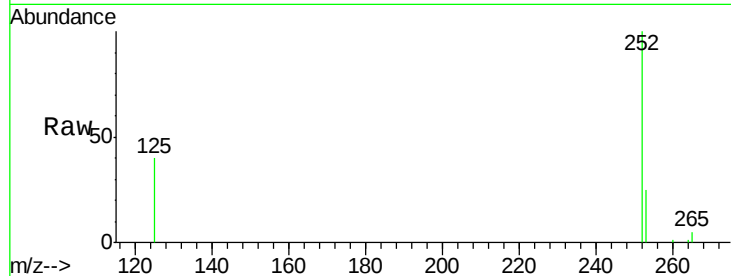
#24
Benzo(k)fluoranthene
Concen: 0.48 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Instrument :
BNA_M
ClientSampleId :
A4TV3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.8	29.8
125	39.8	10.4	15.6

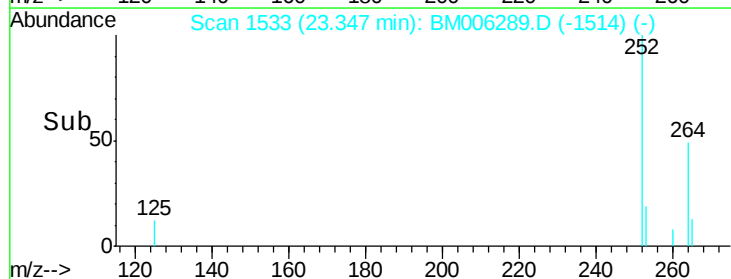
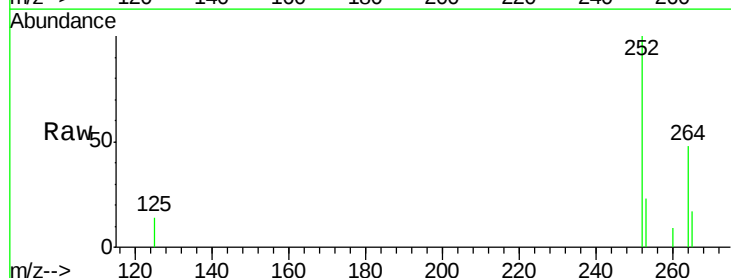
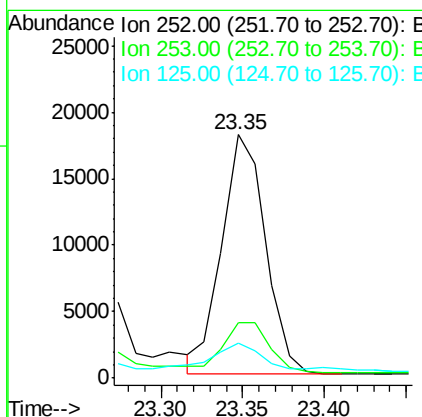
Manual Integrations

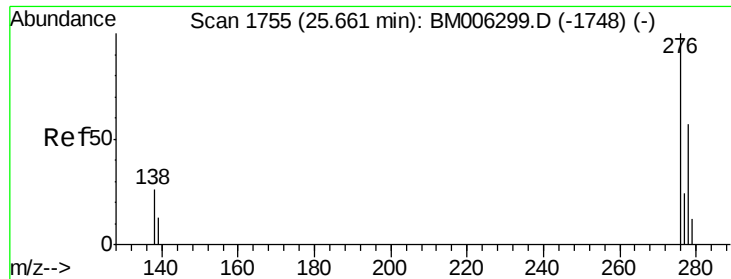
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#25
Benzo(a)pyrene
Concen: 0.92 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	14.5	12.7	19.1





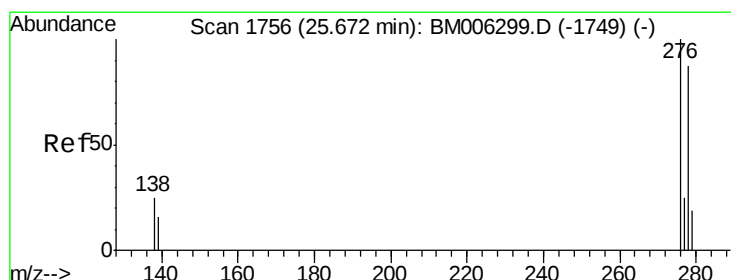
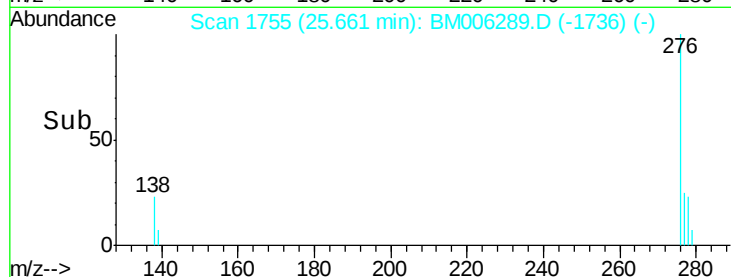
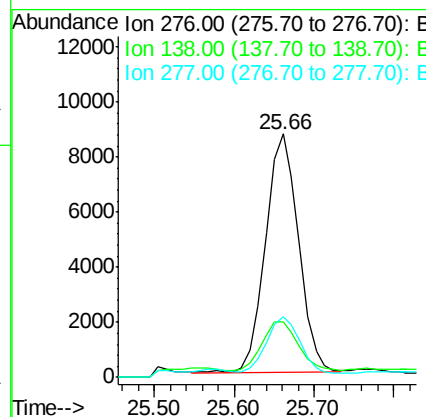
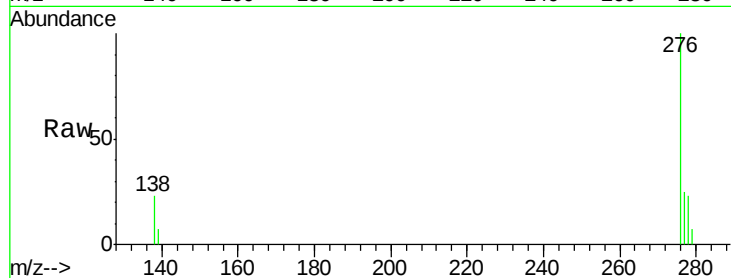
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.61 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Instrument :
BNA_M
ClientSampleId :
A4TV3

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.3	24.5
277	17.7	19.8	29.8

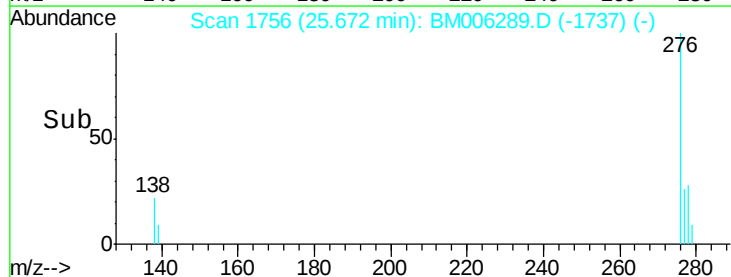
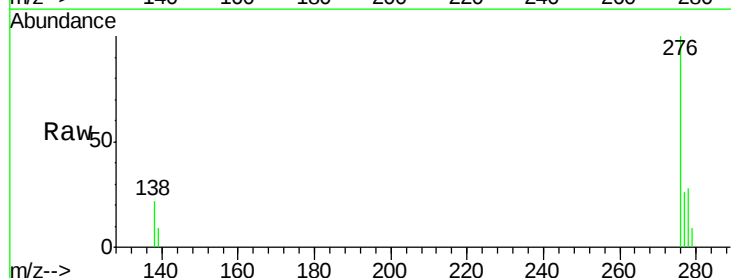
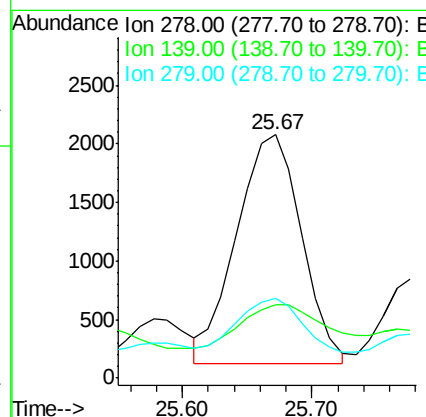
Manual Integrations

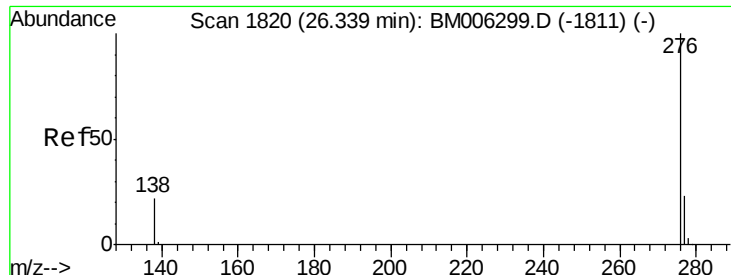
umangi
7/7/2016 6:04:23 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul m
RT: 25.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM006289.D
Acq: 06 Jul 2016 19:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	16.4	24.6
279	32.8	20.2	30.2





#28

Benzo(a,h,i)perylene

Concen: 0.63 ng/ul m

RT: 26.34 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM006289.D

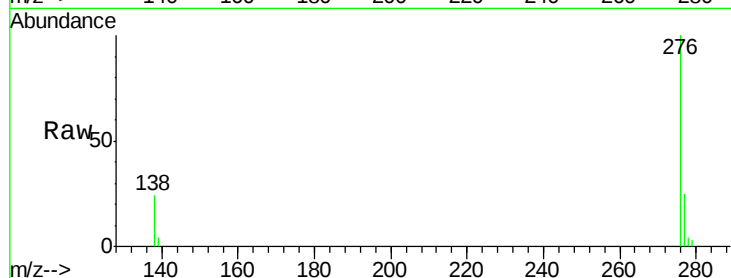
Acq: 06 Jul 2016 19:02

Instrument :

BNA_M

ClientSampleId :

A4TV3



Tot Ion: 276 Resp: 21668

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 24.3 22.5 33.7

Manual Integrations

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