

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006290.D
 Acq On : 06 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H3811-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV4

Manual Integrations

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Quant Time: Jul 07 11:01:31 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	4051	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	15998	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9341	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	20895m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15312m	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12792	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7394	4.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	5773	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13197	0.30	ng/ul	-0.01
Target Compounds				Ovalue		
5) Naphthalene	10.48	128	810	0.02	ng/ul#	67
9) Acenaphthylene	14.01	152	2293	0.07	ng/ul#	94
14) Phenanthrene	17.07	178	13716m	0.24	ng/ul	
15) Anthracene	17.16	178	2817	0.05	ng/ul#	78
17) Fluoranthene	19.11	202	40457	0.63	ng/ul	94
19) Pyrene	19.47	202	36577	0.57	ng/ul	95
20) Benzo(a)anthracene	21.22	228	14276m	0.29	ng/ul	
21) Chrysene	21.27	228	17349	0.36	ng/ul	94
23) Benzo(b)fluoranthene	22.78	252	23370m	0.51	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	5877m	0.14	ng/ul	
25) Benzo(a)pyrene	23.35	252	14379	0.34	ng/ul#	94
26) Indeno(1,2,3-cd)pyrene	25.66	276	11435	0.24	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.66	278	2802m	0.08	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	9795	0.24	ng/ul	96

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

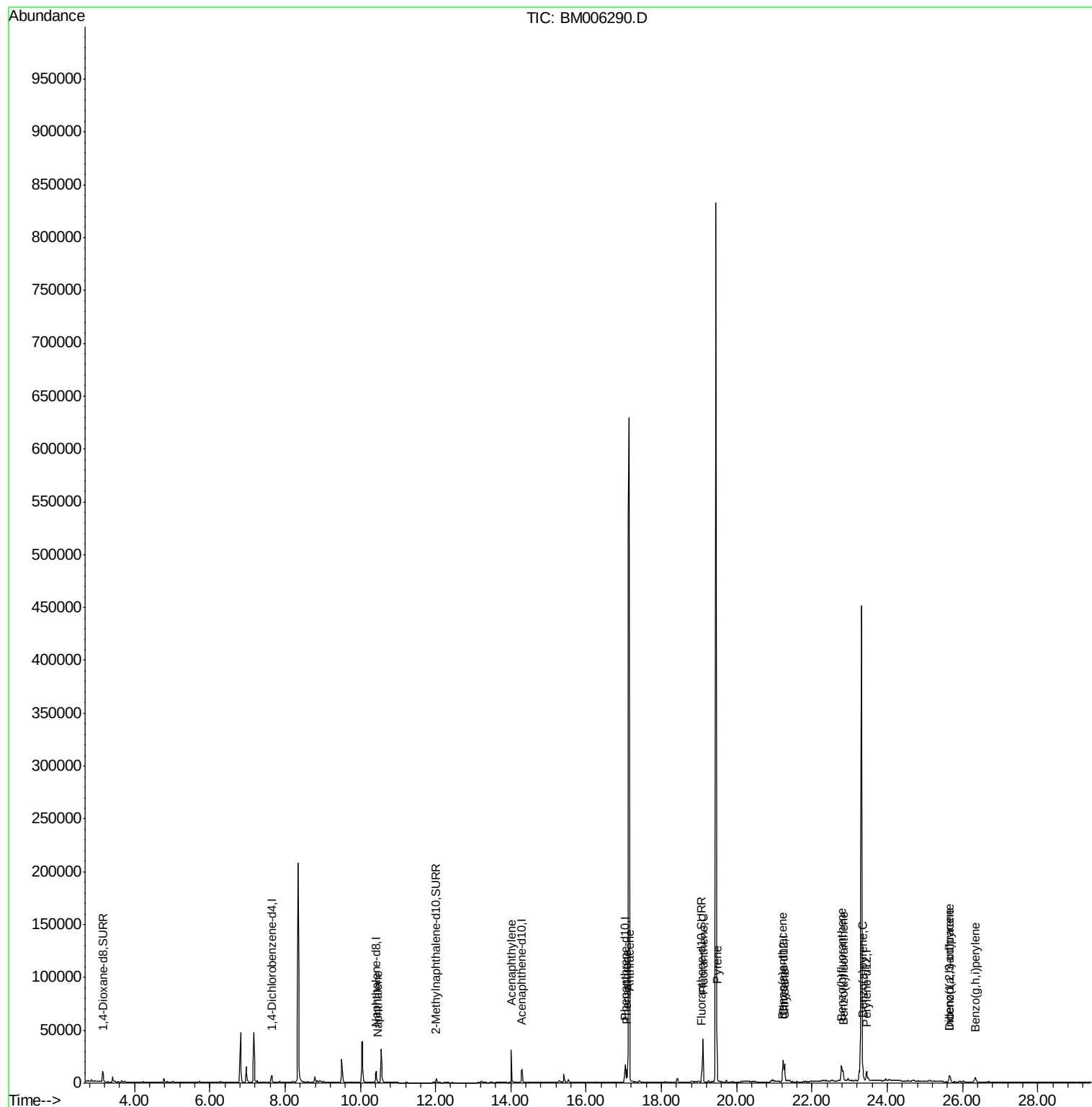
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006290.D
Acq On : 06 Jul 2016 19:38
Operator : UM/SJ
Sample : H3811-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

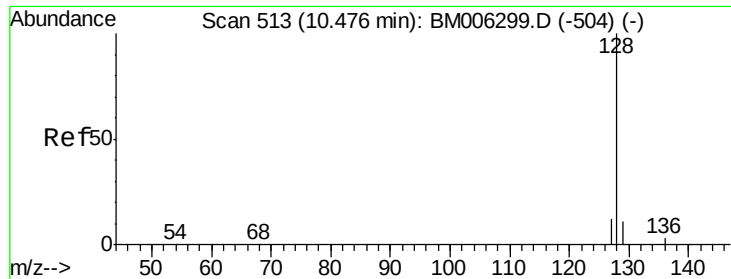
Instrument :
BNA_M
ClientSampleId :
A4TV4

Manual Integrations

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Quant Time: Jul 07 11:01:31 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: 0.02 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. 0.00 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

Instrument :

BNA_M

ClientSampleId :

A4TV4

Tot Ion:128 Resp: 810

Ion Ratio Lower Upper

128 100

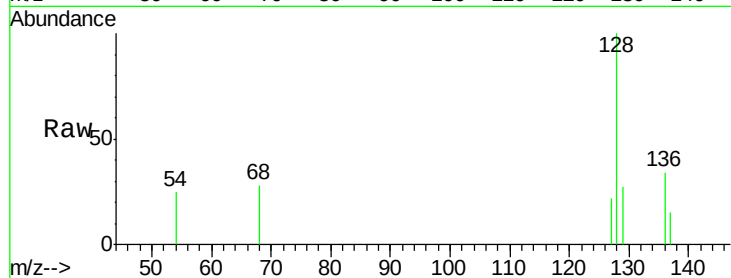
129 26.7 9.0 13.6#

127 22.0 9.6 14.4#

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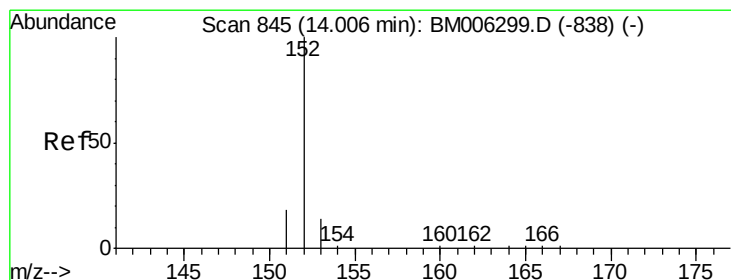
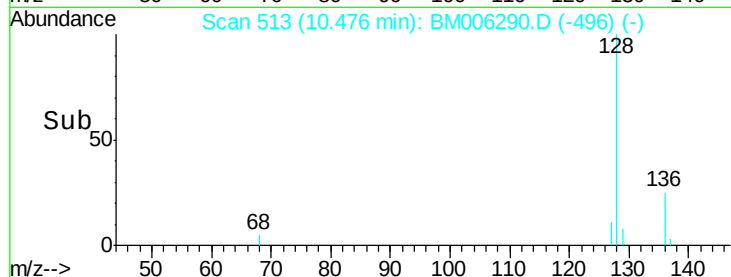
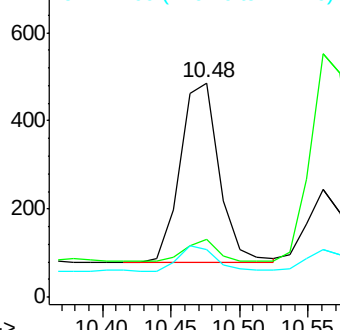
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#9

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

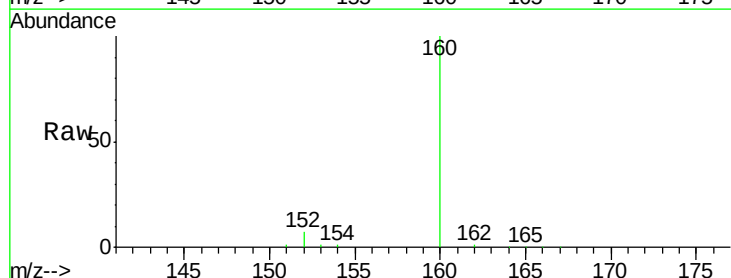
Tgt Ion:152 Resp: 2293

Ion Ratio Lower Upper

152 100

151 20.9 17.6 26.4

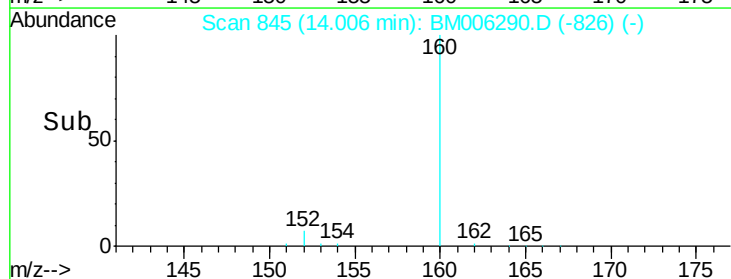
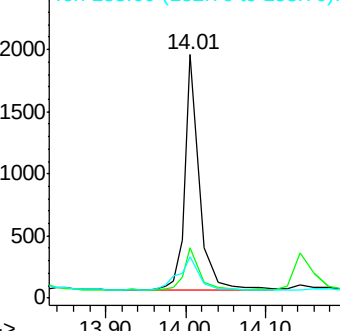
153 16.9 9.7 14.5#

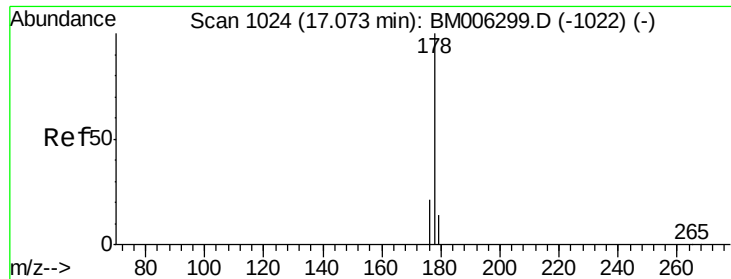


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#14

Phenanthrene

Concen: 0.24 ng/ul m

RT: 17.07 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

Instrument :

BNA_M

ClientSampleId :

A4TV4

Tot Ion:178 Resp: 13716

Ion Ratio Lower Upper

178 100

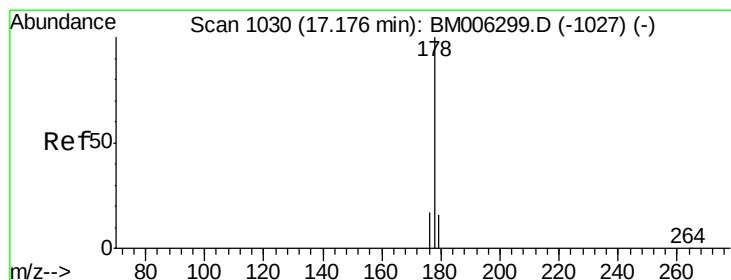
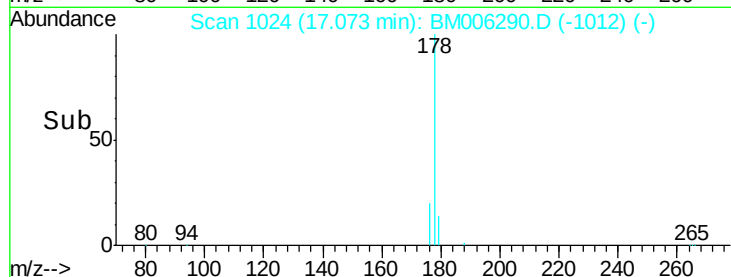
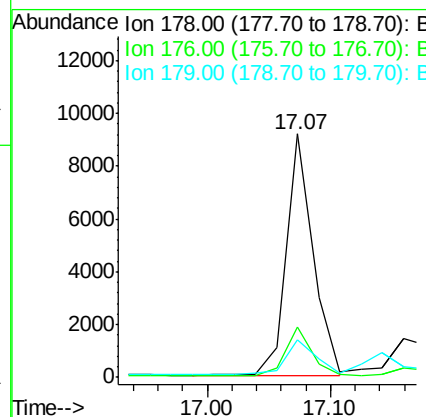
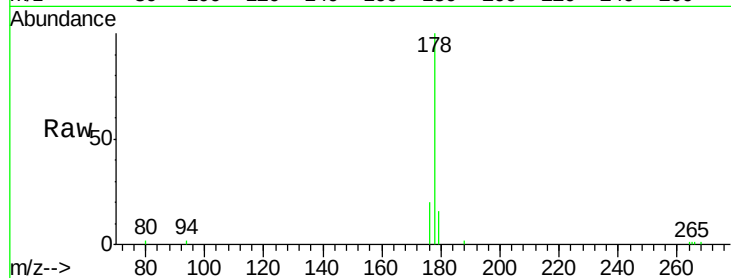
176 20.5 13.0 19.4#

179 15.6 14.2 21.2

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#15

Anthracene

Concen: 0.05 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

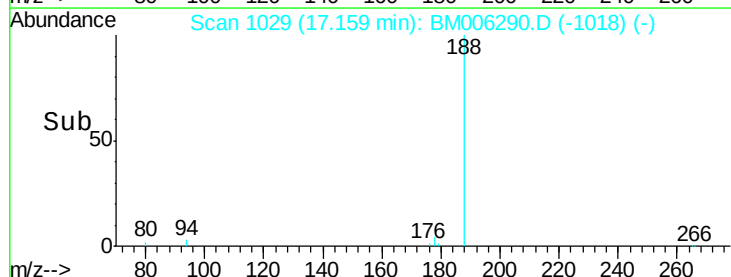
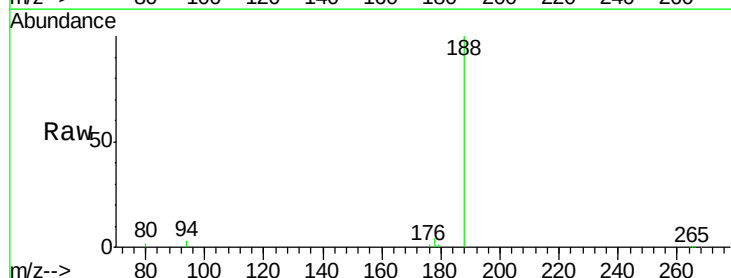
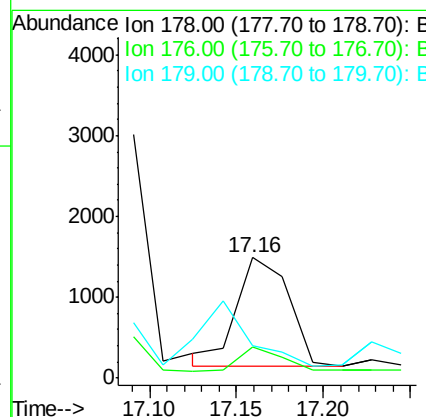
Tgt Ion:178 Resp: 2817

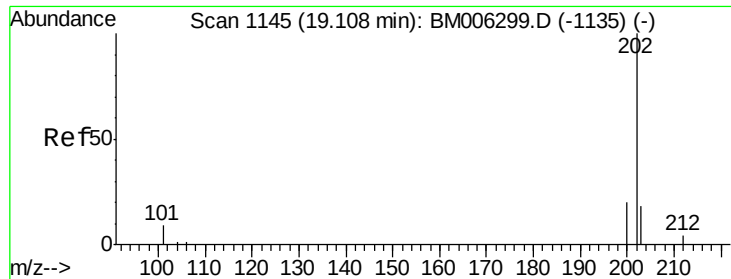
Ion Ratio Lower Upper

178 100

176 25.3 14.0 21.0#

179 27.3 12.9 19.3#





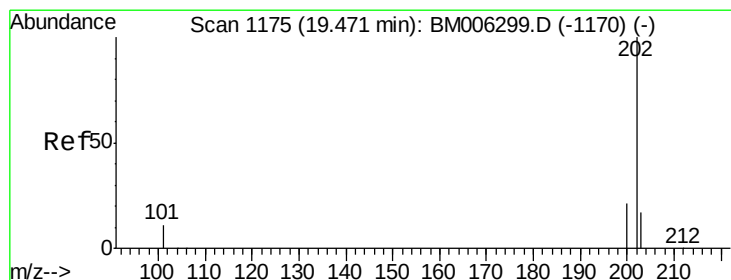
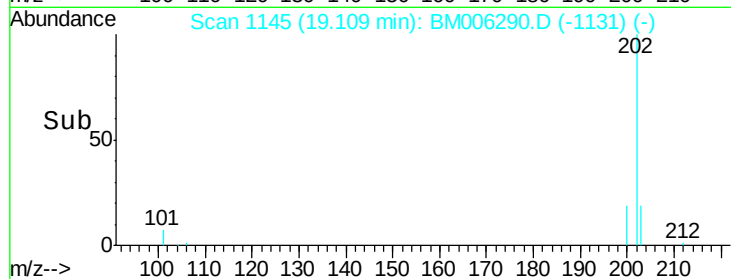
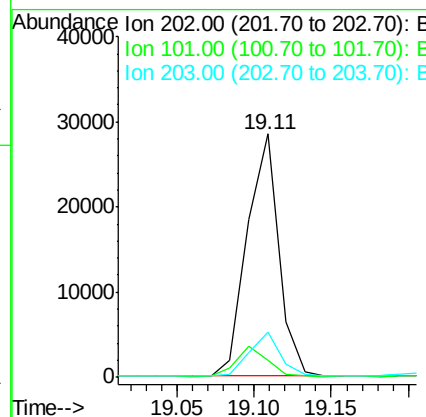
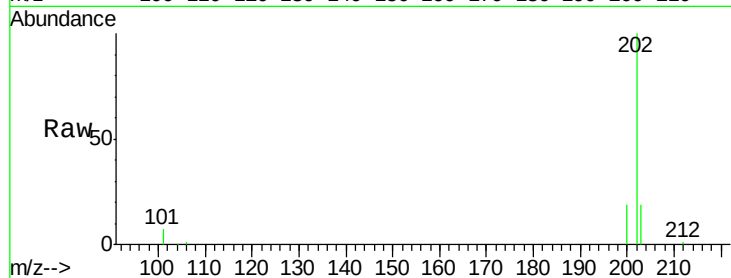
#17
Fluoranthene
Concen: 0.63 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Instrument :
BNA_M
ClientSampleId :
A4TV4

Tot Ion	Ratio	Resp	Lower	Upper
202	100	40457		
101	6.8		0.0	29.6
203	18.6		0.0	36.3

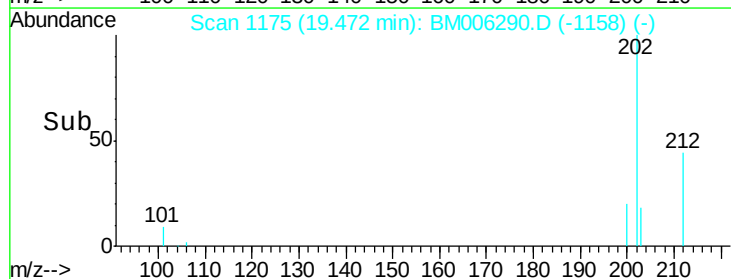
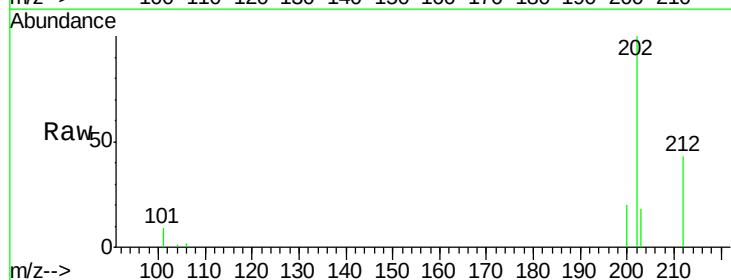
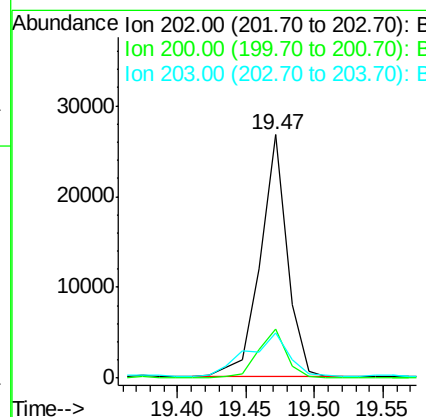
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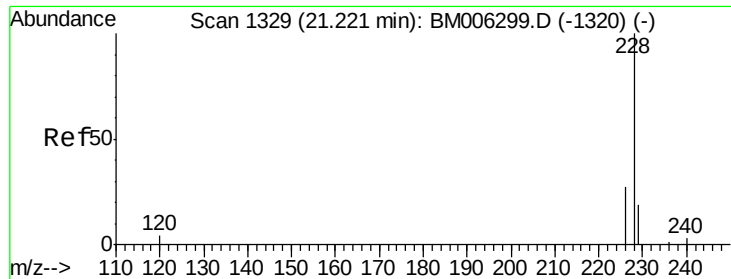
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#19
Pyrene
Concen: 0.57 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36577		
200	20.4		17.8	26.8
203	18.4		12.8	19.2





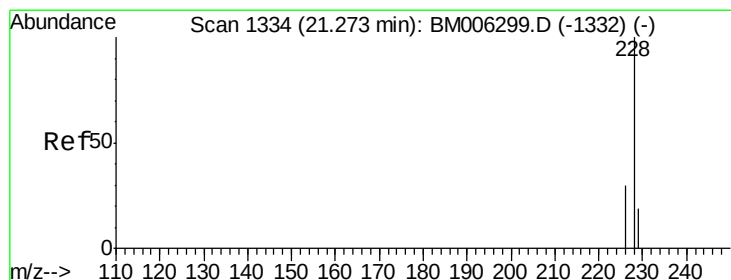
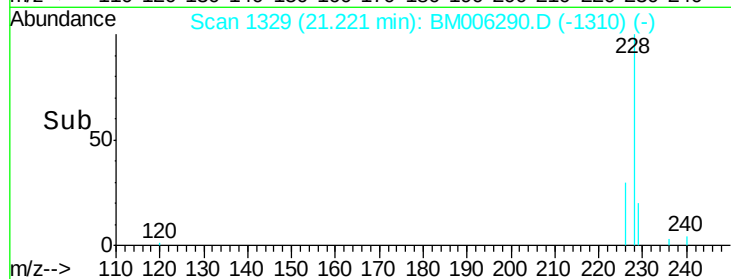
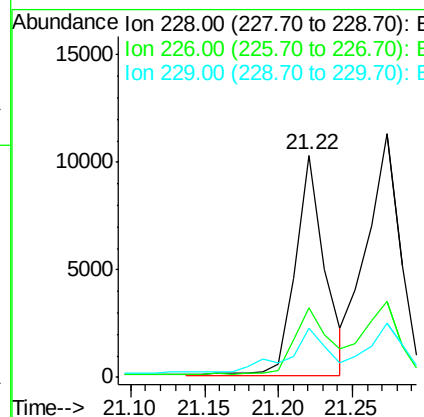
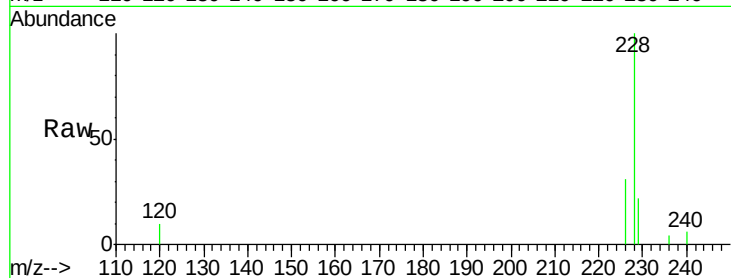
#20
Benzo(a)anthracene
Concen: 0.29 ng/ul m
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Instrument :
BNA_M
ClientSampleId :
A4TV4

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	18.8	28.2
229	21.9	17.1	25.7

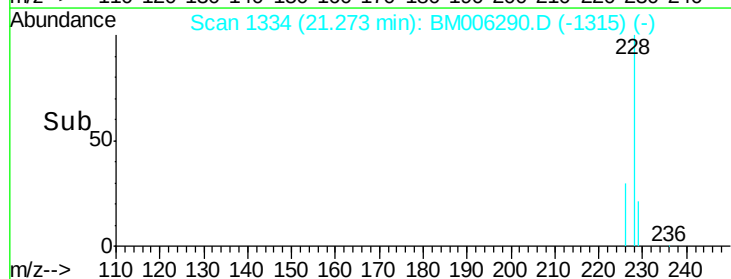
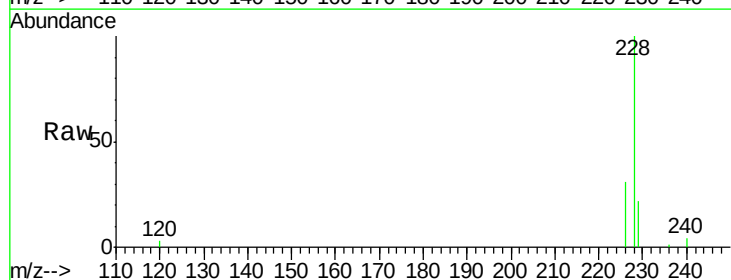
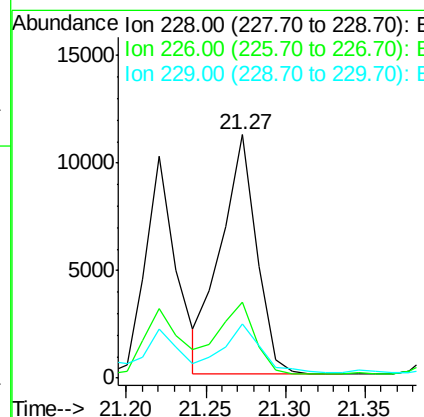
Manual Integrations

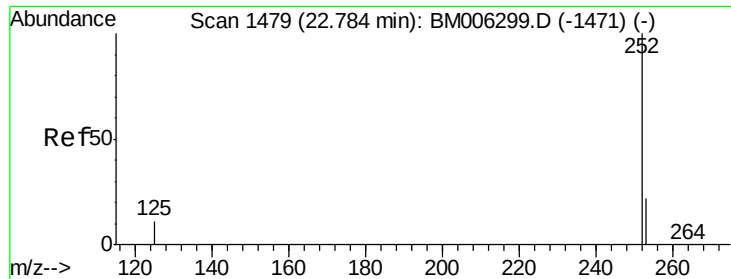
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#21
Chrysene
Concen: 0.36 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.2	31.8
229	22.2	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.51 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

Instrument :

BNA_M

ClientSampleId :

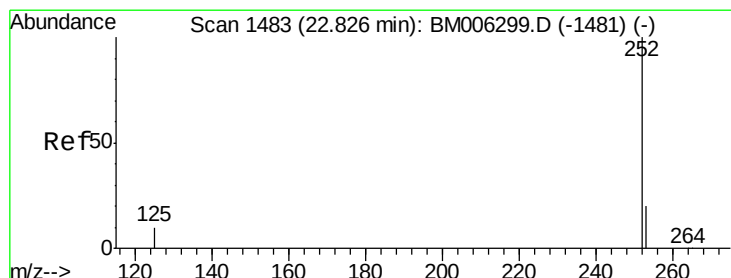
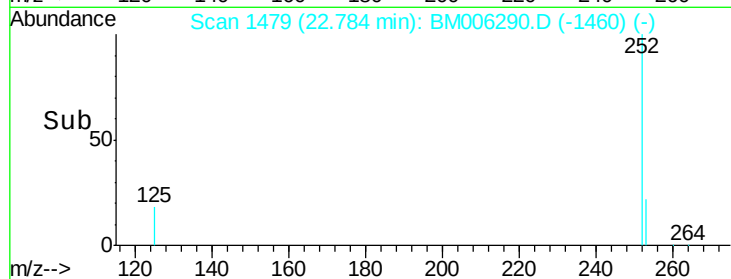
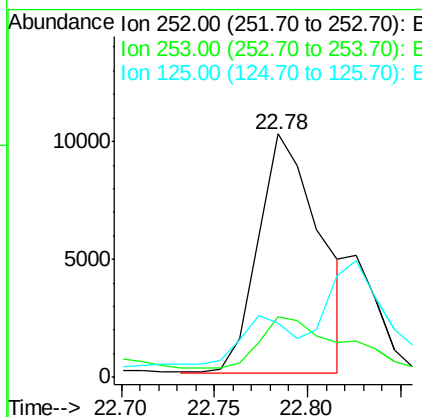
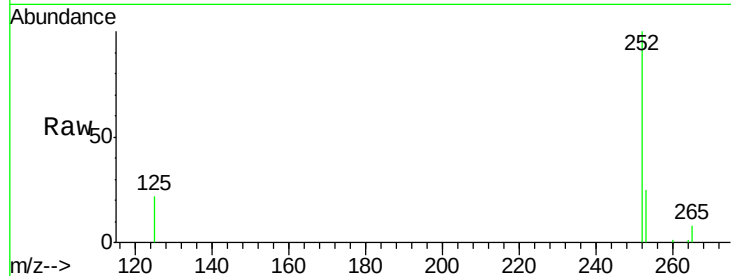
A4TV4

Tot Ion:	252	Resp:	23370
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	45.4
125	22.4	0.0	28.8

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#24

Benzo(k)fluoranthene

Concen: 0.14 ng/ul m

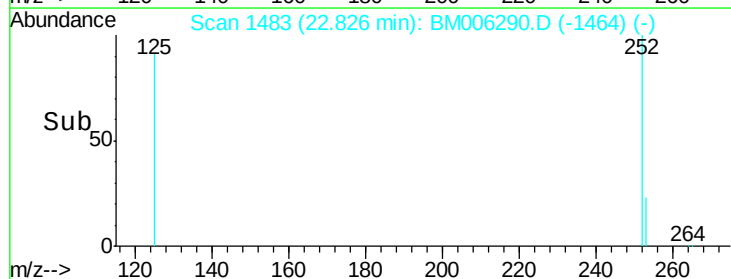
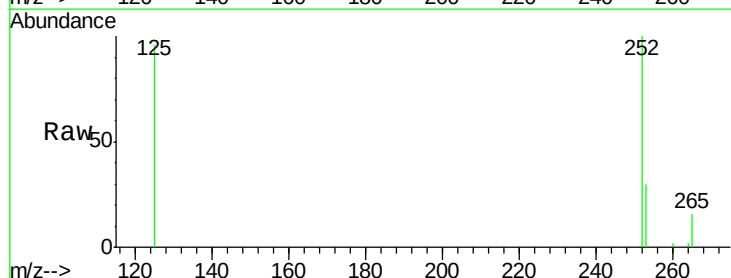
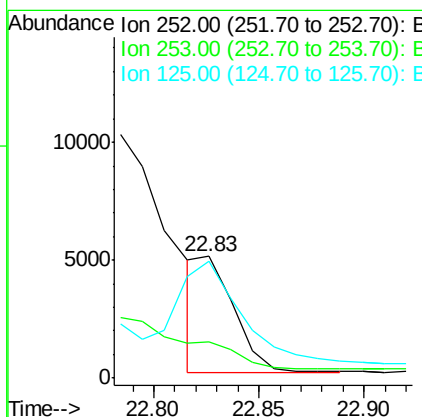
RT: 22.83 min Scan# 1483

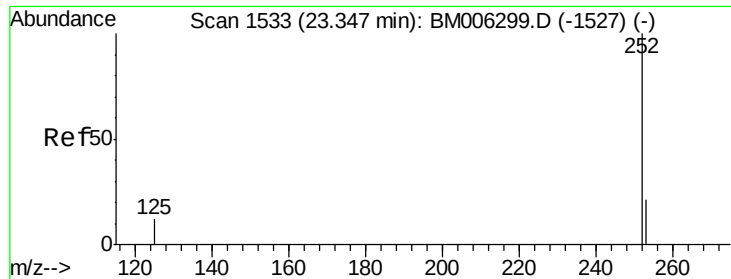
Delta R.T. 0.00 min

Lab File: BM006290.D

Acq: 06 Jul 2016 19:38

Tgt Ion:	252	Resp:	5877
Ion Ratio	Lower	Upper	
252	100		
253	29.5	19.8	29.8
125	95.7	10.4	15.6#





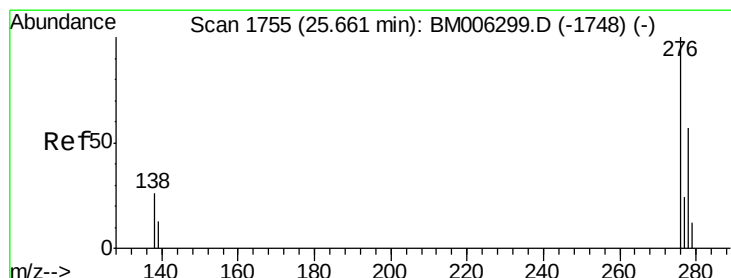
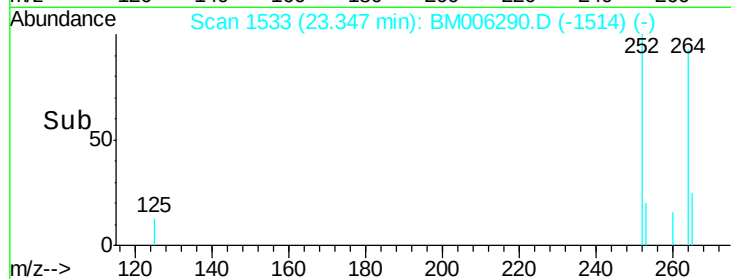
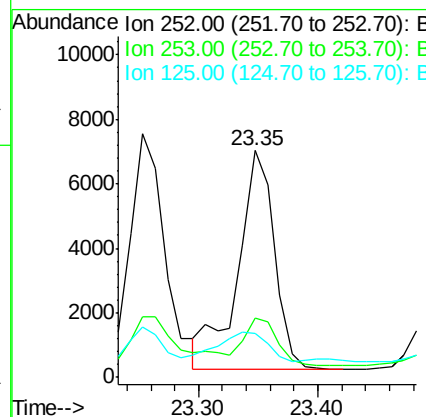
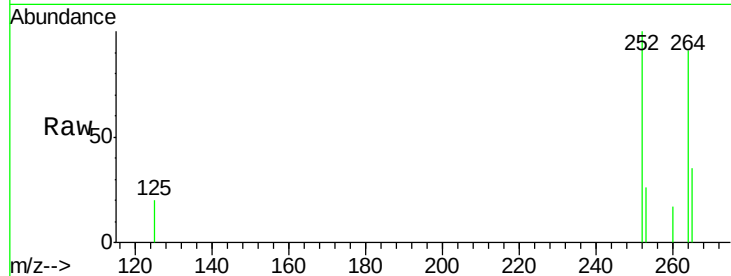
#25
Benzo(a)pyrene
Concen: 0.34 ng/ul
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Instrument :
BNA_M
ClientSampleId :
A4TV4

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.4	29.2
125	19.6	12.7	19.1#

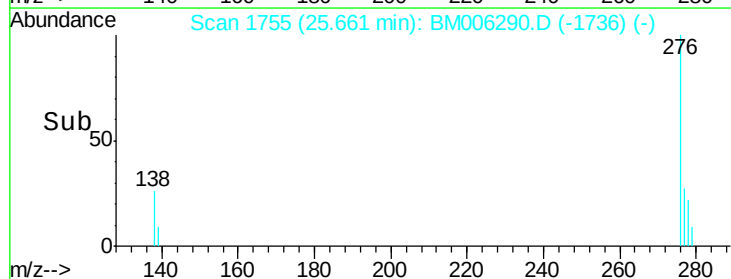
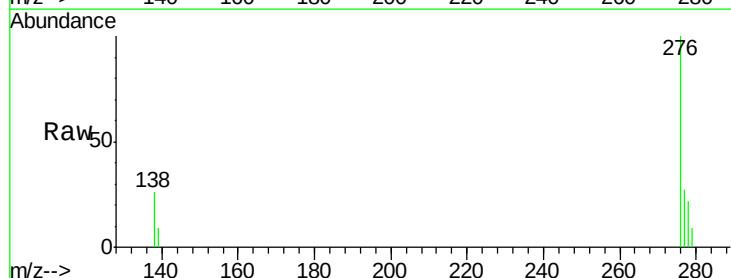
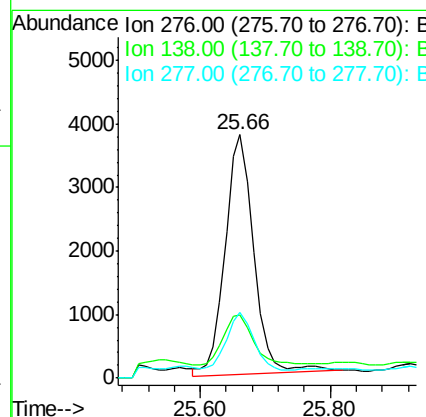
Manual Integrations

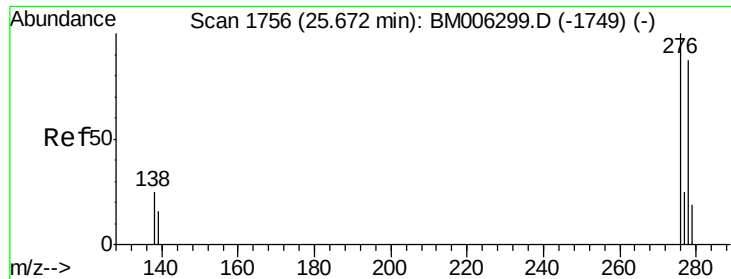
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	16.3	24.5#
277	26.2	19.8	29.8





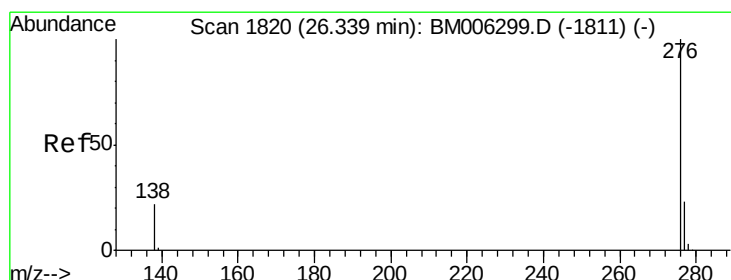
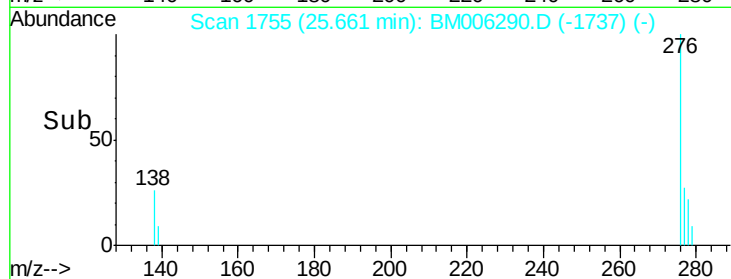
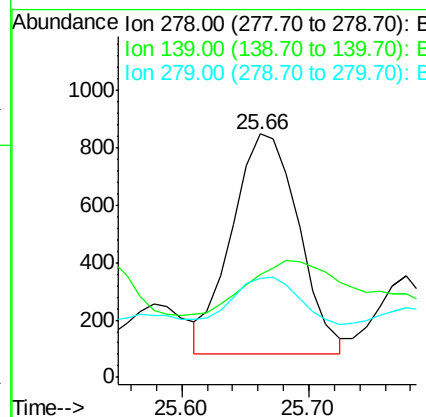
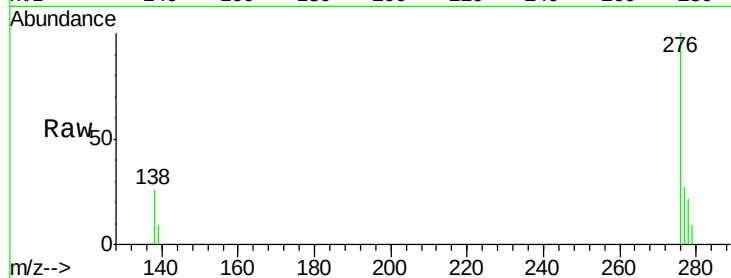
#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Instrument :
BNA_M
ClientSampleId :
A4TV4

Tot Ion:278 Resp: 2802
Ion Ratio Lower Upper
278 100
139 42.5 16.4 24.6#
279 40.4 20.2 30.2#

Manual Integrations

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#28
Benzo(g,h,i)perylene
Concen: 0.24 ng/ul
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006290.D
Acq: 06 Jul 2016 19:38

Tgt Ion:276 Resp: 9795
Ion Ratio Lower Upper
276 100
277 26.2 18.9 28.3
138 26.5 22.5 33.7

