

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006291.D
 Acq On : 06 Jul 2016 20:14
 Operator : UM/SJ
 Sample : H3811-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TV5

Manual Integrations

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Quant Time: Jul 07 11:06:58 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	4656	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	18708	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	10780	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	22986m	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	15020	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11190m	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7935	4.03	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	6454	0.29	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13690	0.28	ng/ul	-0.01

Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	853	0.02	ng/ul#	84
14) Phenanthrene	17.07	178	5858m	0.09	ng/ul	
17) Fluoranthene	19.11	202	19337	0.28	ng/ul	93
19) Pyrene	19.47	202	16969	0.27	ng/ul#	95
20) Benzo(a)anthracene	21.22	228	5263	0.11	ng/ul#	89
21) Chrysene	21.27	228	7378	0.15	ng/ul#	90
23) Benzo(b)fluoranthene	22.78	252	9261m	0.23	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	2664m	0.07	ng/ul	
25) Benzo(a)pyrene	23.35	252	4509m	0.12	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	3507m	0.08	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	1091m	0.03	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	3241m	0.09	ng/ul	

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

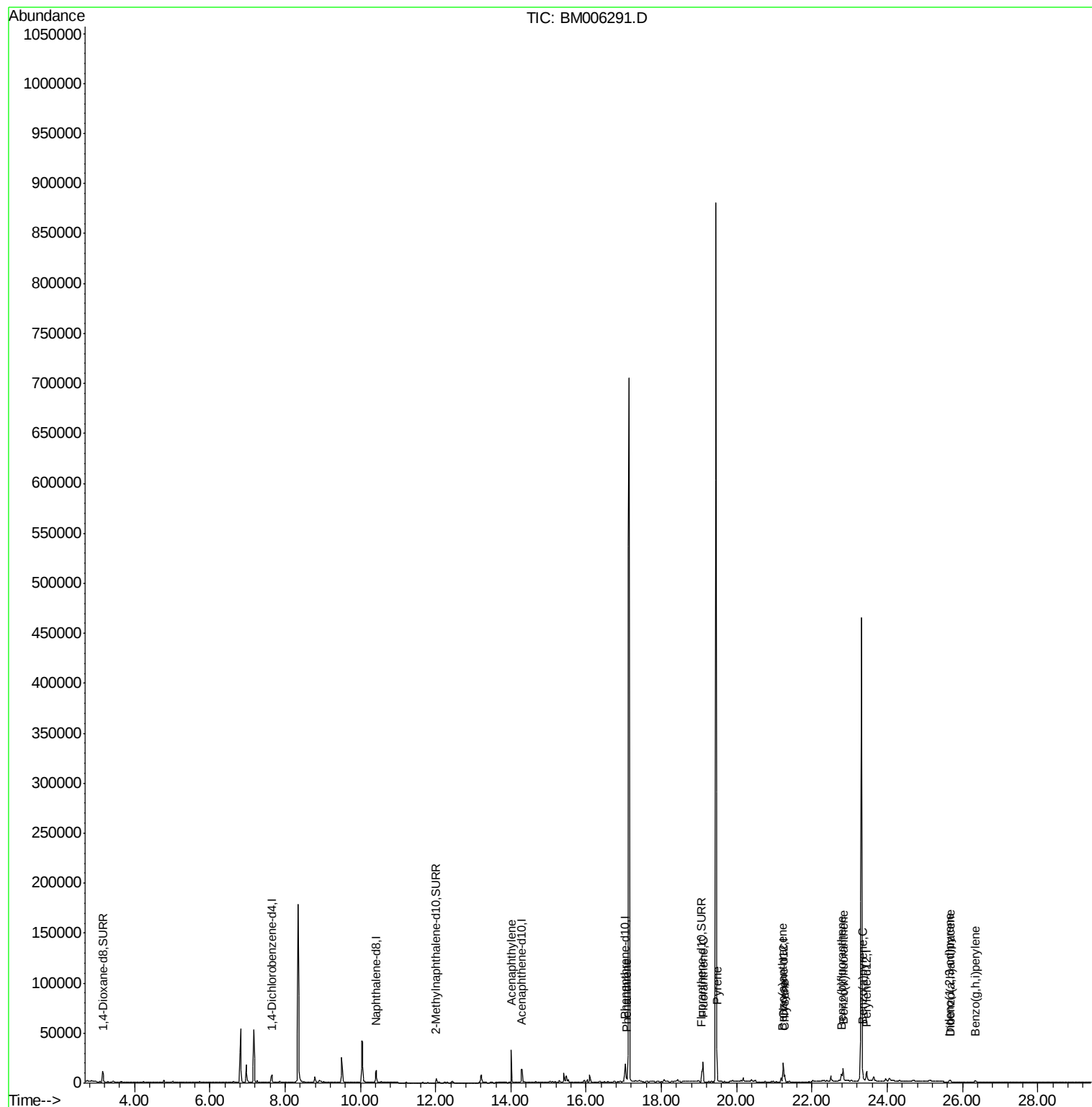
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006291.D
Acq On : 06 Jul 2016 20:14
Operator : UM/SJ
Sample : H3811-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

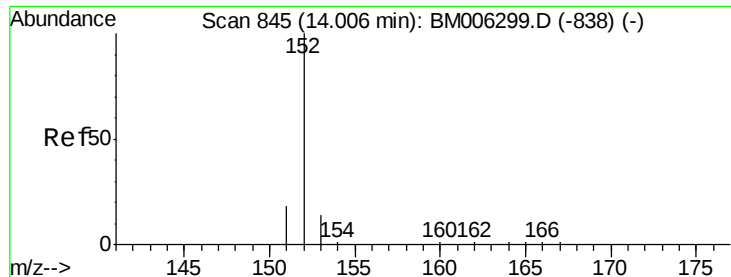
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
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QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Instrument :

BNA_M

ClientSampleId :

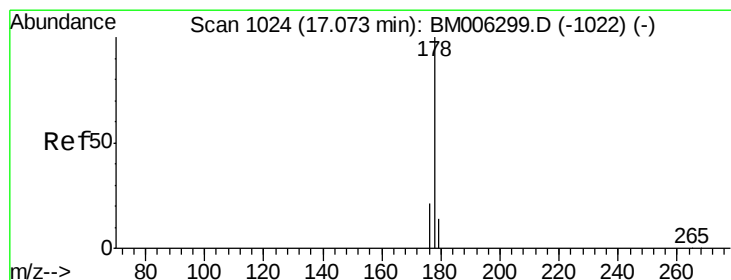
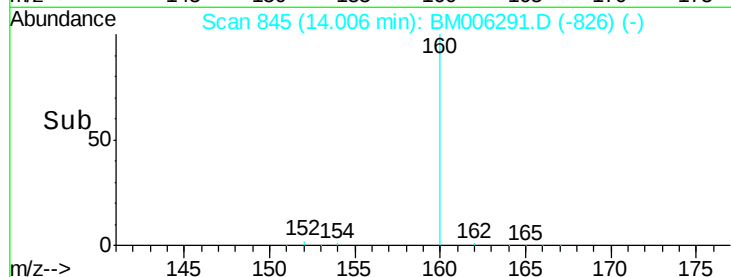
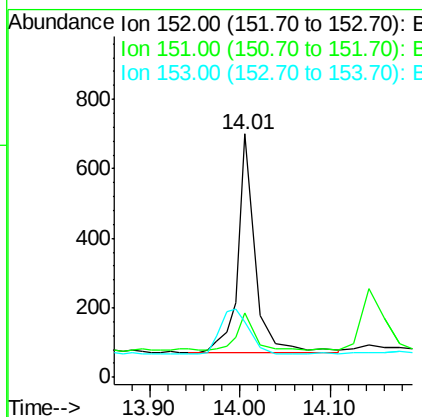
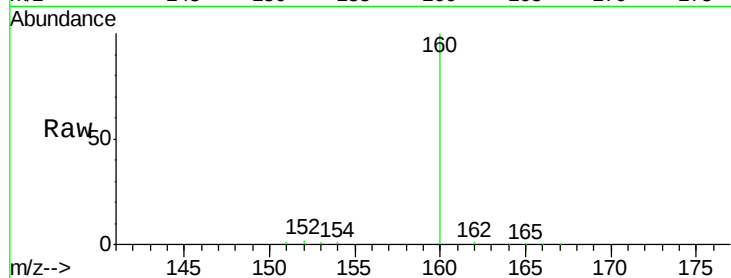
A4TV5

Tot Ion:	152	Resp:	853
Ion	Ratio	Lower	Upper
152	100		
151	26.7	17.6	26.4#
153	22.8	9.7	14.5#

Manual Integrations

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#14

Phenanthrene

Concen: 0.09 ng/ul m

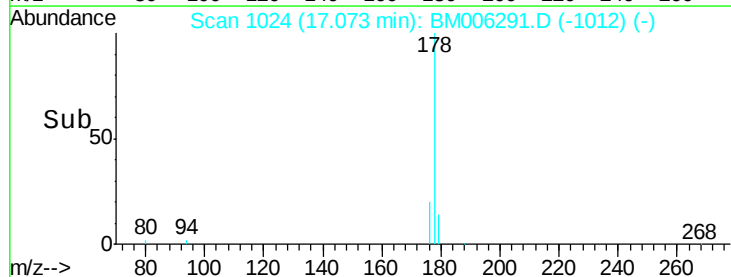
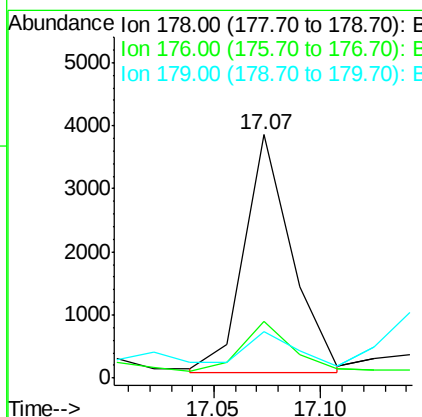
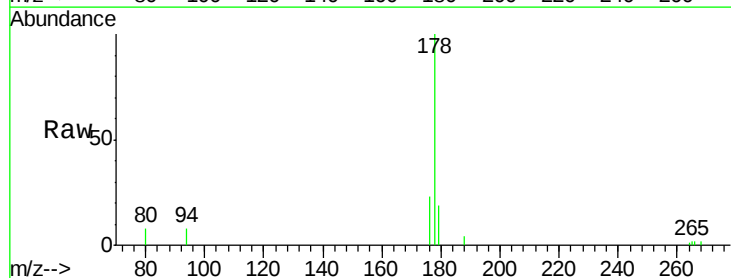
RT: 17.07 min Scan# 1024

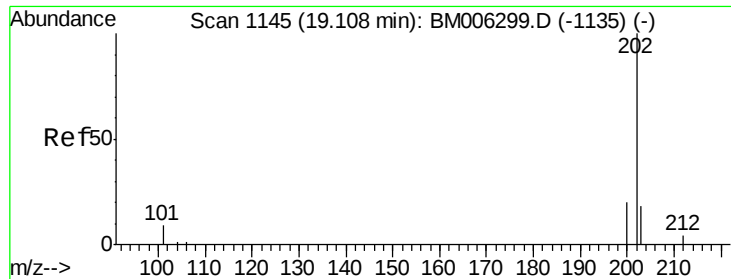
Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Tgt Ion:	178	Resp:	5858
Ion	Ratio	Lower	Upper
178	100		
176	23.2	13.0	19.4#
179	19.2	14.2	21.2





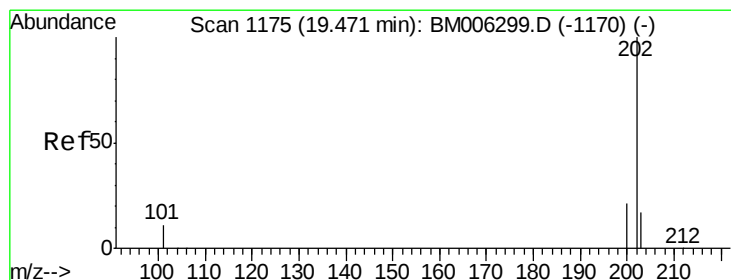
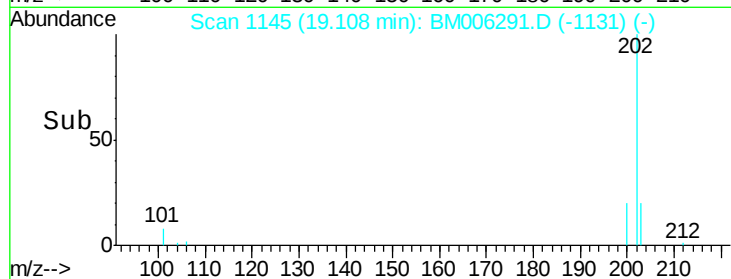
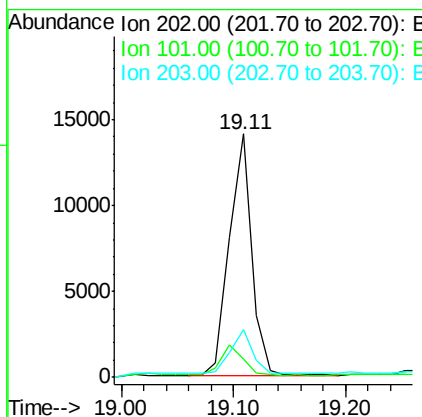
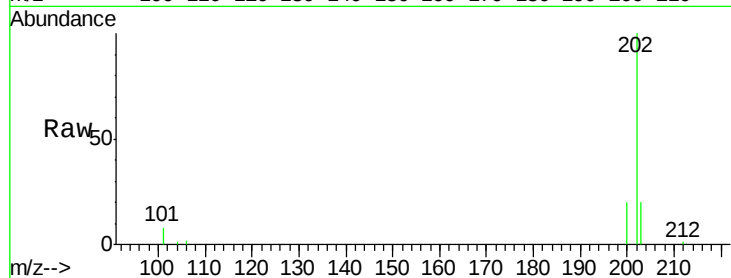
#17
Fluoranthene
Concen: 0.28 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BM006291.D
Acq: 06 Jul 2016 20:14

Instrument :
BNA_M
ClientSampleId :
A4TV5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	19337		
101	7.7		0.0	29.6
203	19.8		0.0	36.3

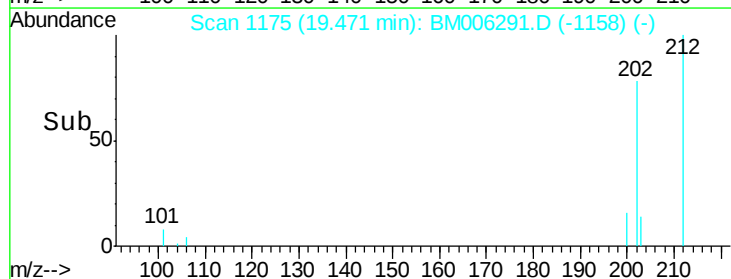
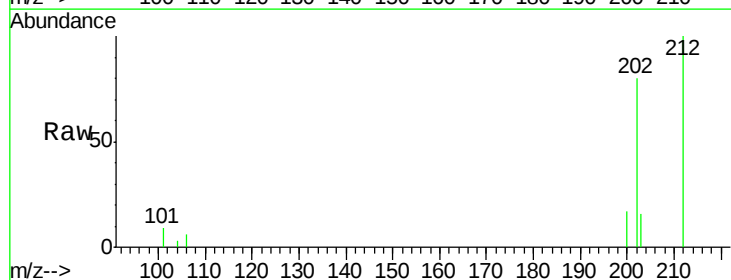
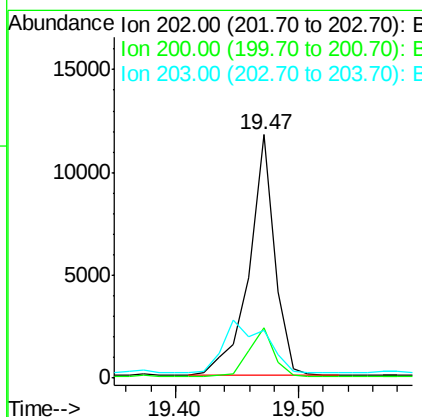
Manual Integrations

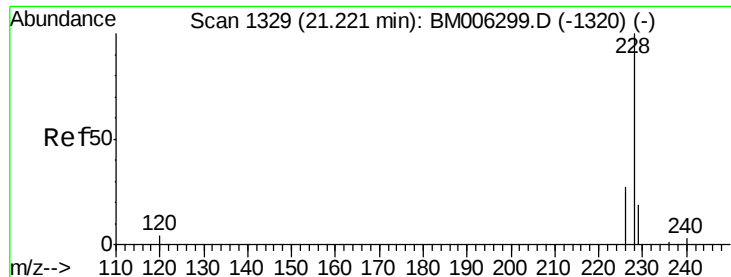
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#19
Pyrene
Concen: 0.27 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BM006291.D
Acq: 06 Jul 2016 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16969		
200	20.9		17.8	26.8
203	19.5		12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.11 ng/ul

RT: 21.22 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Instrument :

BNA_M

ClientSampleId :

A4TV5

Tot Ion:228 Resp: 5263

Ion Ratio Lower Upper

228 100

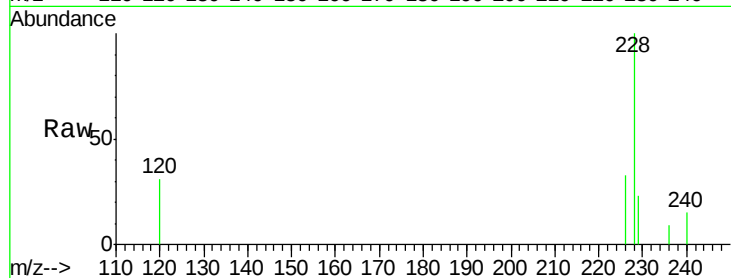
226 32.7 18.8 28.2#

229 22.8 17.1 25.7

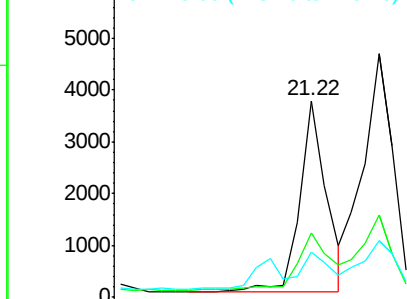
Manual Integrations

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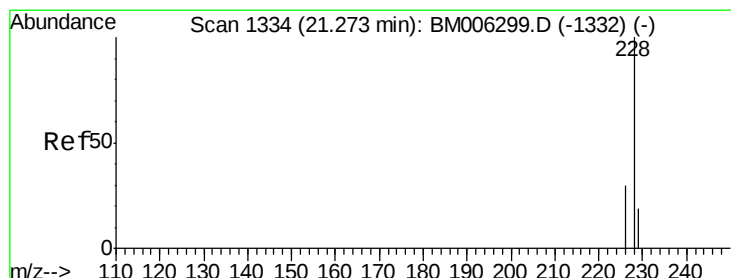
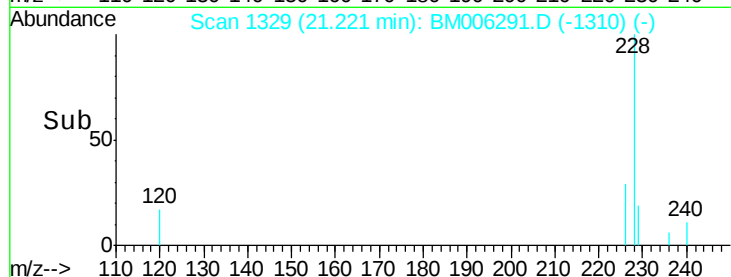
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.10 21.20



#21

Chrysene

Concen: 0.15 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Tgt Ion:228 Resp: 7378

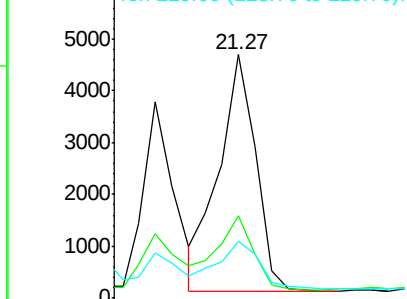
Ion Ratio Lower Upper

228 100

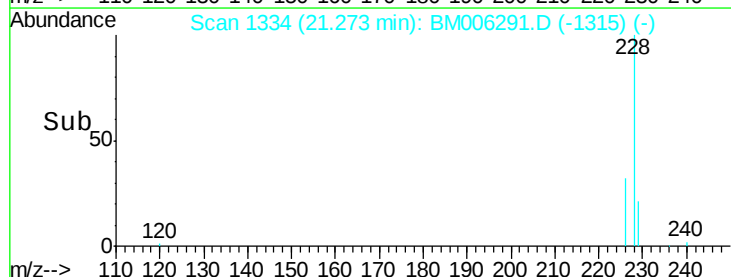
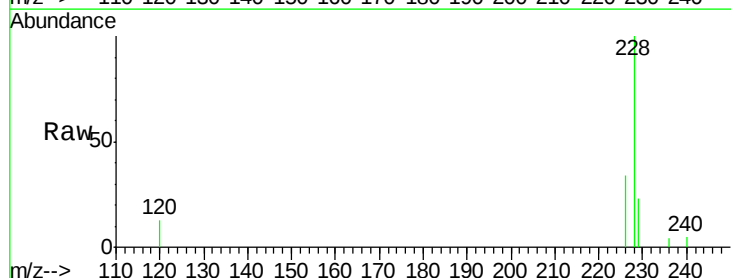
226 33.8 21.2 31.8#

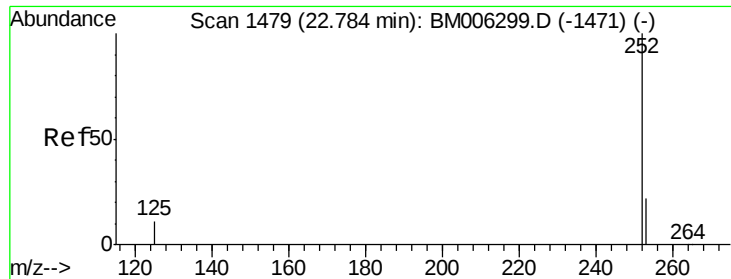
229 23.2 17.0 25.6

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



Time--> 21.20 21.25 21.30 21.35





#23

Benzo(b)fluoranthene

Concen: 0.23 ng/ul m

RT: 22.78 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Instrument :

BNA_M

ClientSampled :

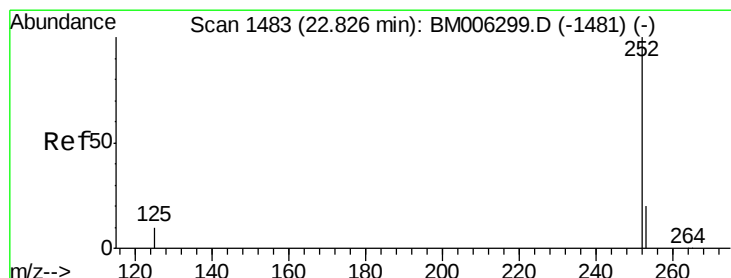
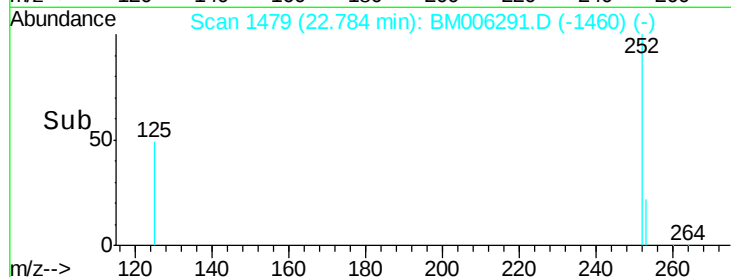
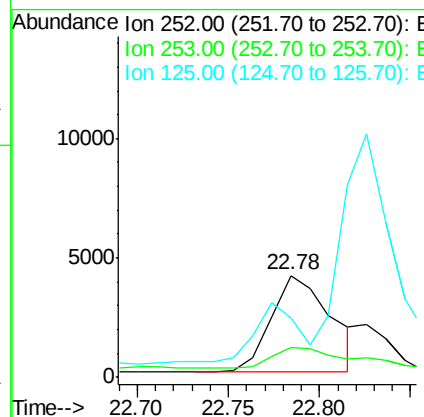
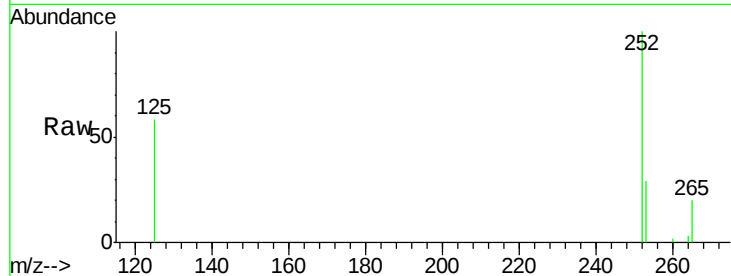
A4TV5

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	45.4
125	58.1	0.0	28.8

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#24

Benzo(k)fluoranthene

Concen: 0.07 ng/ul m

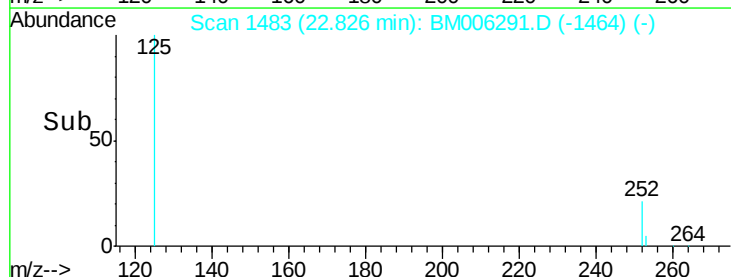
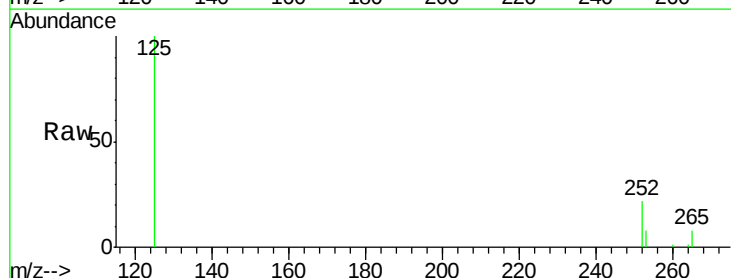
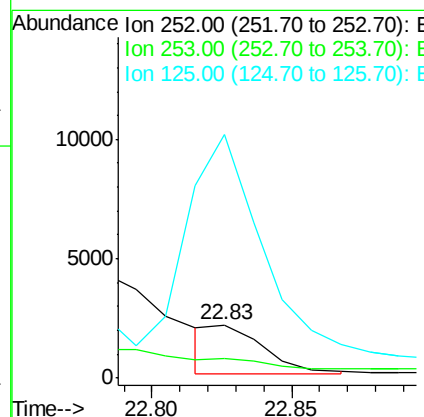
RT: 22.83 min Scan# 1483

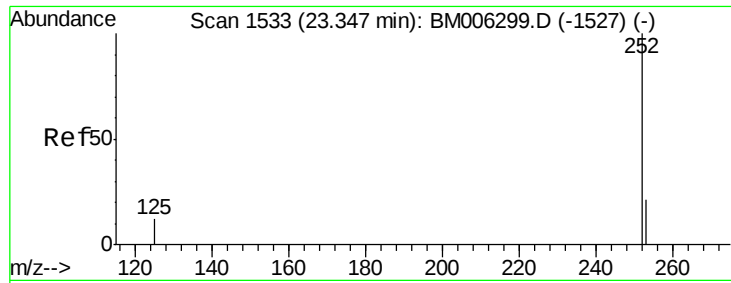
Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	19.8	29.8
125	459.5	10.4	15.6





#25

Benzo(a)pyrene

Concen: 0.12 ng/ul m

RT: 23.35 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BM006291.D

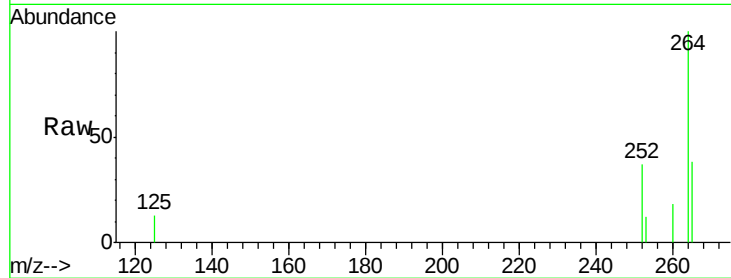
Acq: 06 Jul 2016 20:14

Instrument :

BNA_M

ClientSampleId :

A4TV5

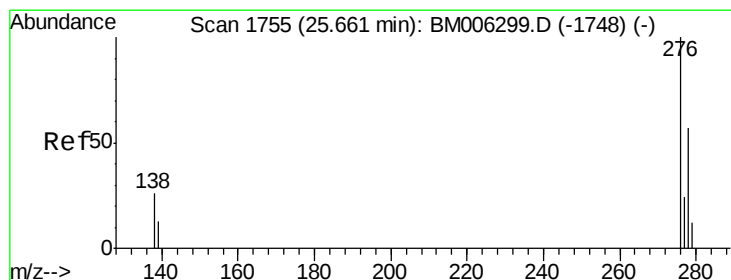
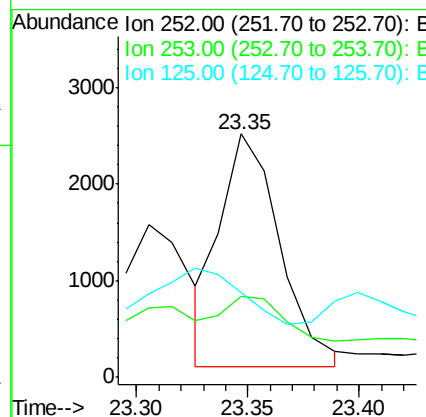
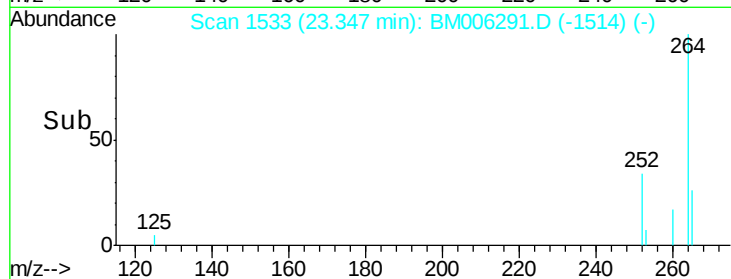


Tot Ion:	252	Resp:	4509
Ion Ratio	Lower	Upper	
252	100		
253	33.4	19.4	29.2#
125	34.7	12.7	19.1#

Manual Integrations

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul m

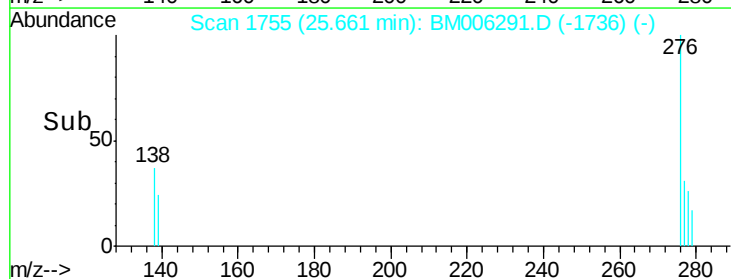
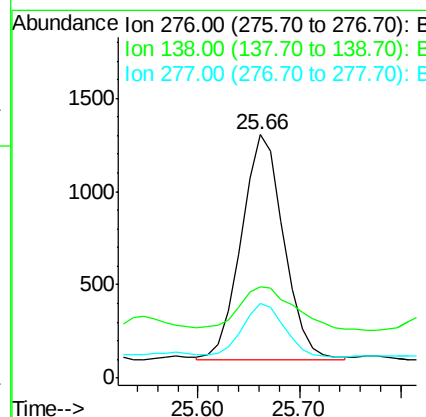
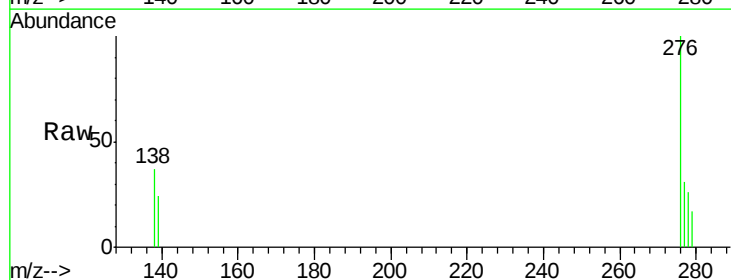
RT: 25.66 min Scan# 1755

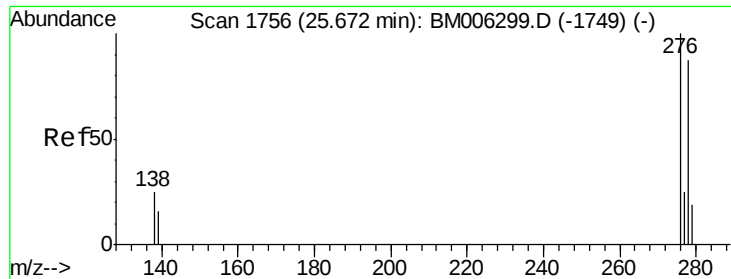
Delta R.T. 0.00 min

Lab File: BM006291.D

Acq: 06 Jul 2016 20:14

Tgt Ion:	276	Resp:	3507
Ion Ratio	Lower	Upper	
276	100		
138	12.8	16.3	24.5#
277	15.9	19.8	29.8#





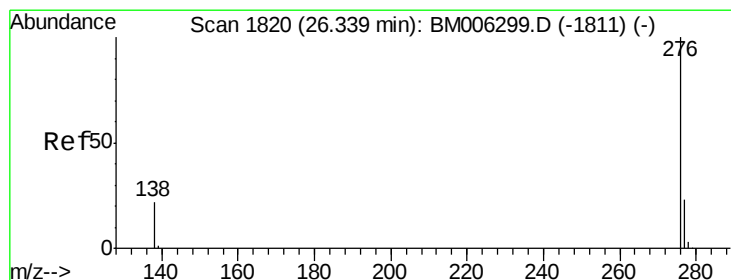
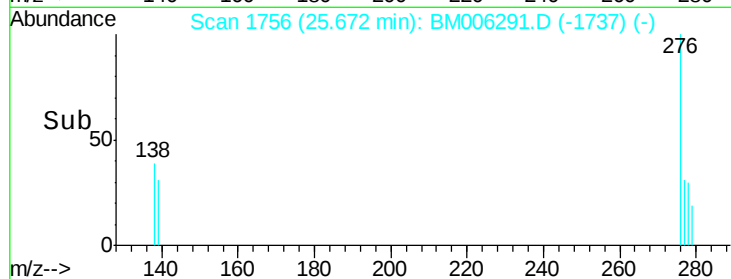
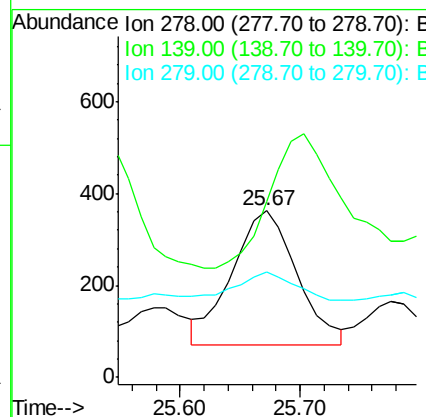
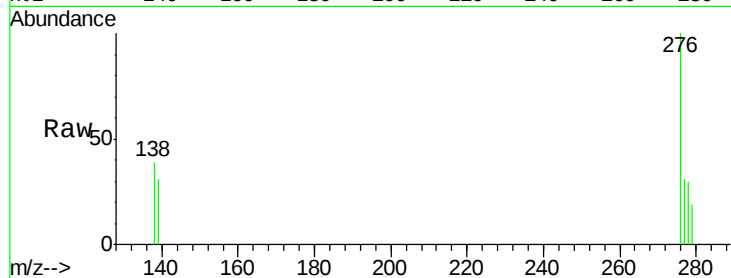
#27
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul m
RT: 25.67 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM006291.D
Acq: 06 Jul 2016 20:14

Instrument :
BNA_M
ClientSampleId :
A4TV5

Tot Ion	Ratio	Lower	Upper
278	100		
139	105.2	16.4	24.6#
279	62.8	20.2	30.2#

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#28
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul m
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006291.D
Acq: 06 Jul 2016 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.5	18.9	28.3#
138	47.1	22.5	33.7#

