

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
 Data File : BM006306.D
 Acq On : 07 Jul 2016 05:53
 Operator : UM/SJ
 Sample : H3811-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TX0

Manual Integrations

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Quant Time: Jul 07 13:08:20 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	4912	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	19875	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	11154	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.04	188	23166m	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	14371	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	11624m	0.40	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8897	4.29	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	7252	0.31	ng/ul	0.00
16) Fluoranthene-d10	19.08	212	14383	0.29	ng/ul	0.00

Target Compounds				Ovalue		
9) Acenaphthylene	14.01	152	1643	0.04	ng/ul#	36
14) Phenanthrene	17.07	178	9526m	0.15	ng/ul	
15) Anthracene	17.16	178	1473	0.02	ng/ul#	31
17) Fluoranthene	19.10	202	20601	0.29	ng/ul	94
19) Pyrene	19.48	202	19386	0.32	ng/ul#	92
20) Benzo(a)anthracene	21.22	228	5455	0.12	ng/ul#	81
21) Chrysene	21.28	228	7496	0.16	ng/ul	92
23) Benzo(b)fluoranthene	22.79	252	10030m	0.24	ng/ul	
24) Benzo(k)fluoranthene	22.83	252	2561m	0.07	ng/ul	
25) Benzo(a)pyrene	23.35	252	5434m	0.14	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	4656m	0.11	ng/ul	
28) Benzo(g,h,i)perylene	26.34	276	4522m	0.12	ng/ul	

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

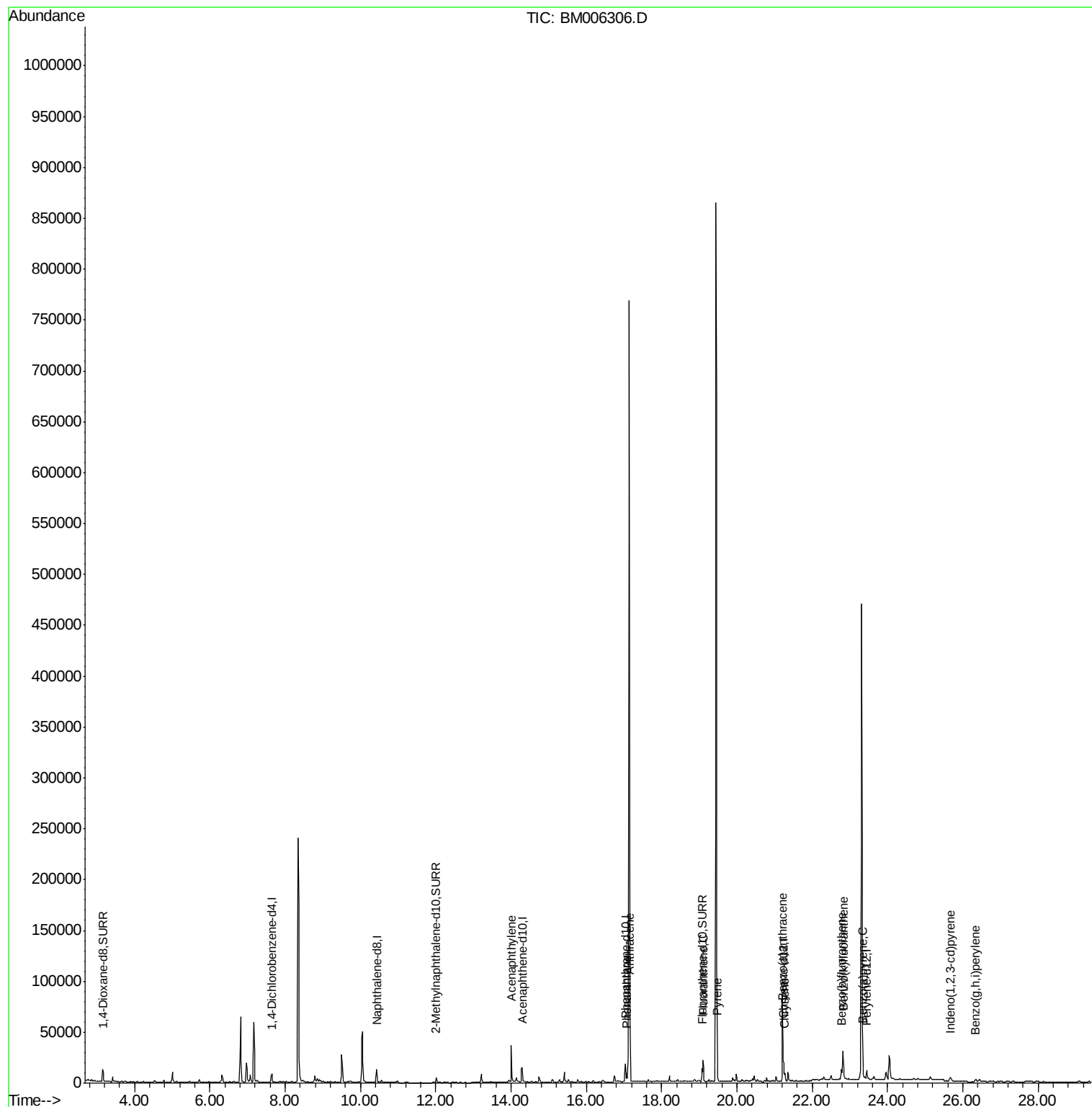
Data Path : Z:\HPCHEM1\BNA M\DATA\BM070716\
Data File : BM006306.D
Acq On : 07 Jul 2016 05:53
Operator : UM/SJ
Sample : H3811-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

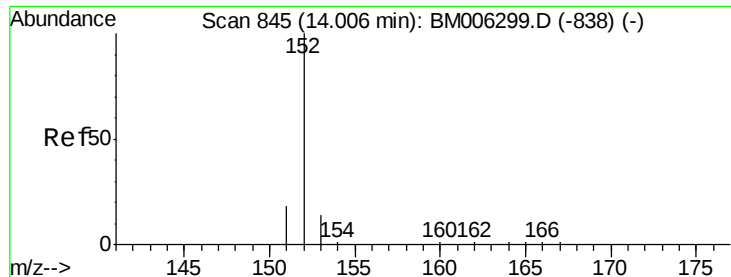
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 05:51:09 2016
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM006306.D

Acq: 07 Jul 2016 05:53

Instrument :

BNA_M

ClientSampleId :

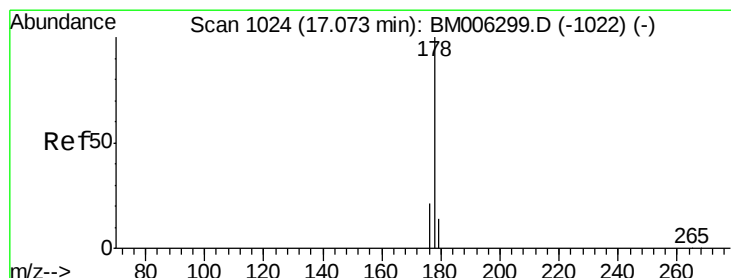
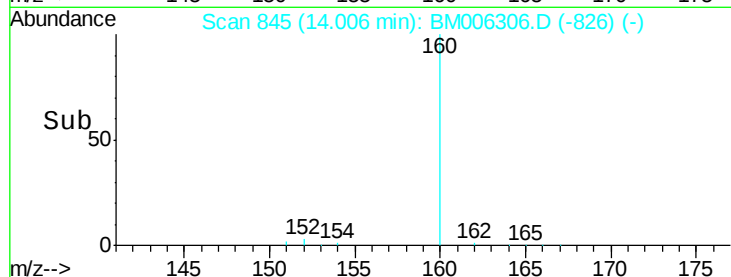
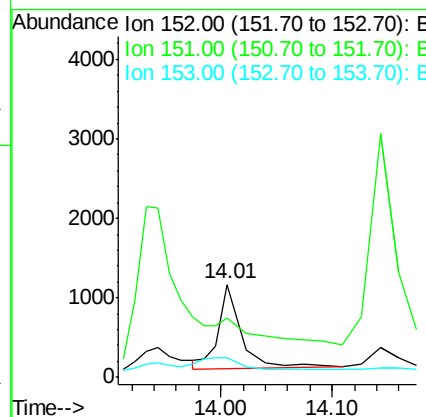
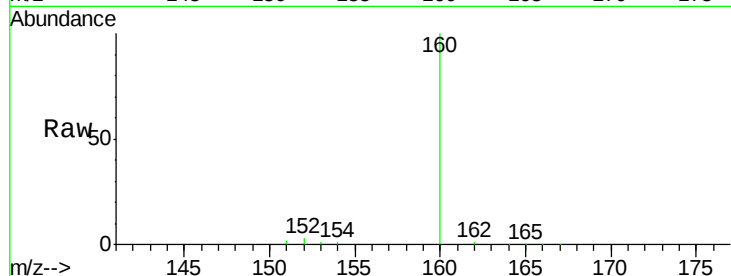
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Tot Ion:	152	Resp:	1643
Ion	Ratio	Lower	Upper
152	100		
151	63.6	17.6	26.4#
153	21.0	9.7	14.5#

Manual Integrations

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#14

Phenanthrene

Concen: 0.15 ng/ul m

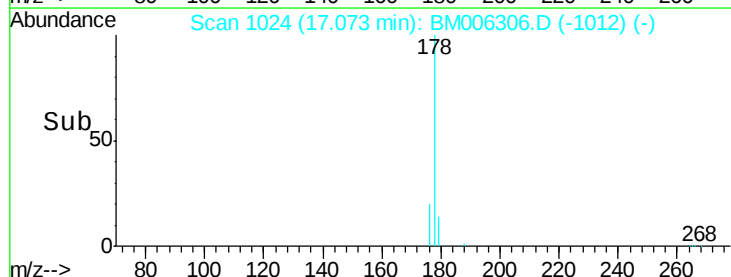
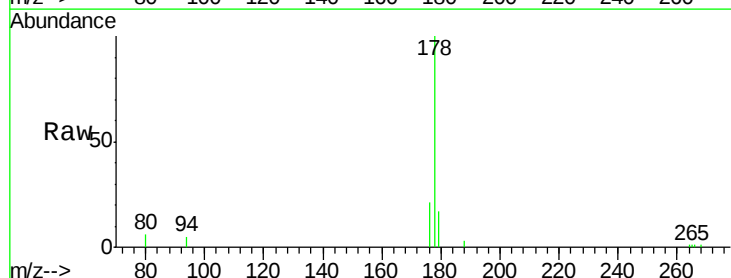
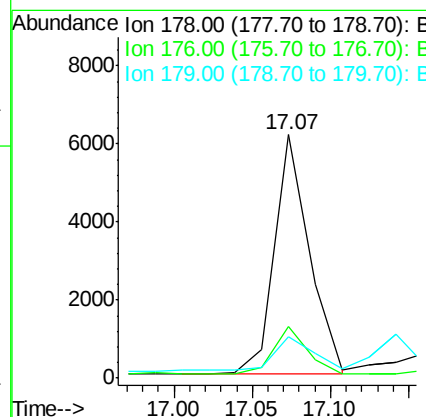
RT: 17.07 min Scan# 1024

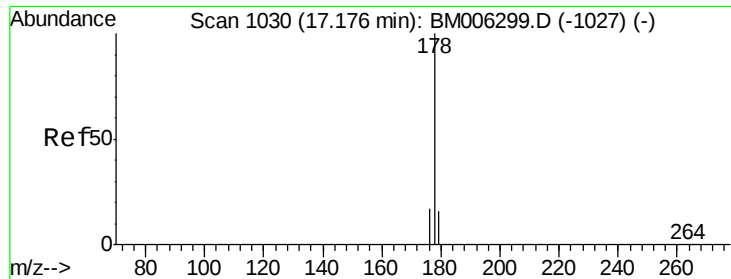
Delta R.T. 0.00 min

Lab File: BM006306.D

Acq: 07 Jul 2016 05:53

Tgt Ion:	178	Resp:	9526
Ion	Ratio	Lower	Upper
178	100		
176	21.1	13.0	19.4#
179	17.2	14.2	21.2





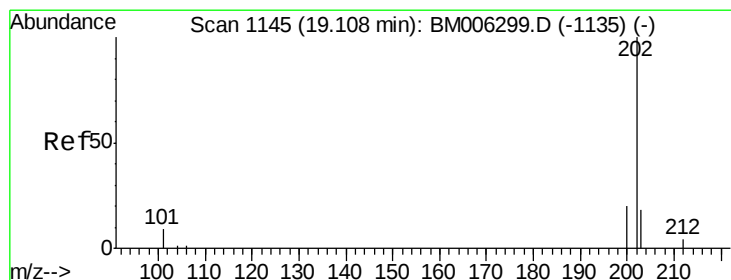
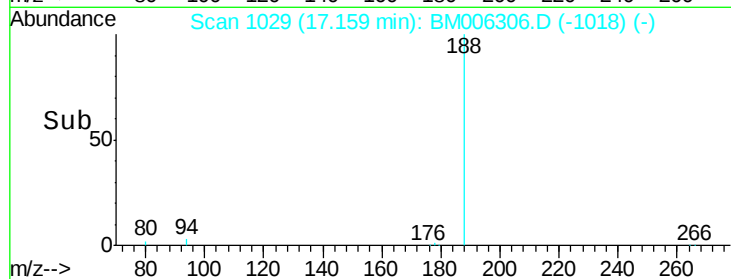
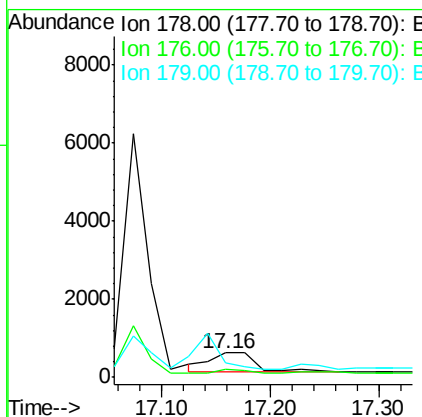
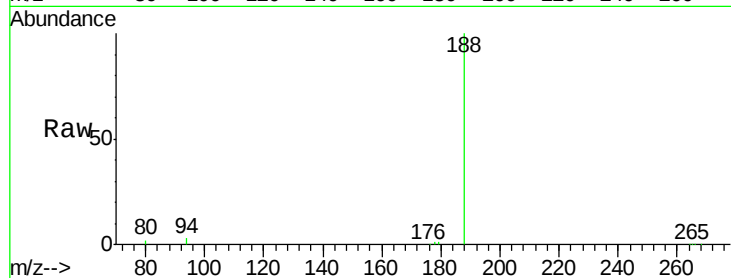
#15
 Anthracene
 Concen: 0.02 ng/ul
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BM006306.D
 Acq: 07 Jul 2016 05:53

Instrument :
 BNA_M
 ClientSampleId :
 A4TX0

Tot Ion:178 Resp: 1473
 Ion Ratio Lower Upper
 178 100
 176 33.9 14.0 21.0#
 179 60.1 12.9 19.3#

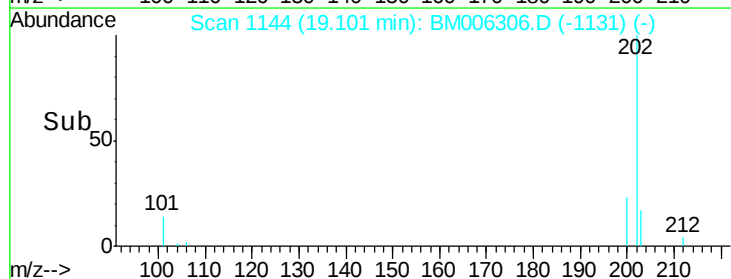
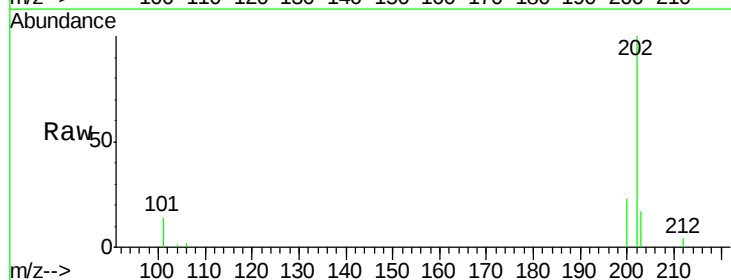
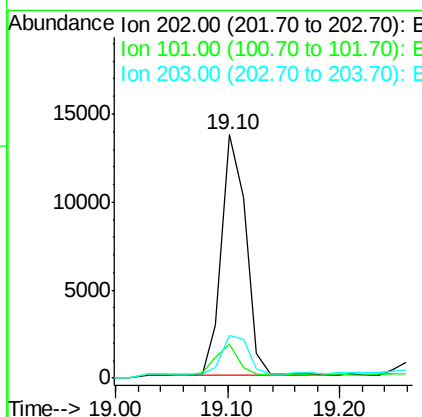
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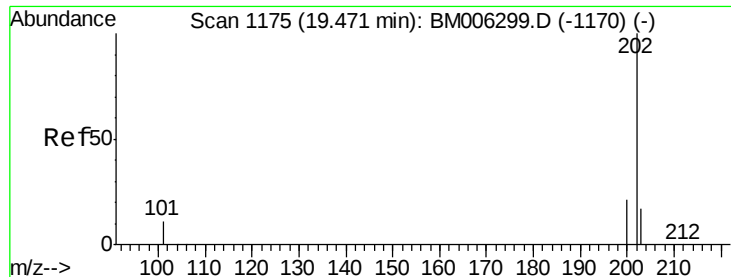
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#17
 Fluoranthene
 Concen: 0.29 ng/ul
 RT: 19.10 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM006306.D
 Acq: 07 Jul 2016 05:53

Tgt Ion:202 Resp: 20601
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 29.6
 203 17.3 0.0 36.3





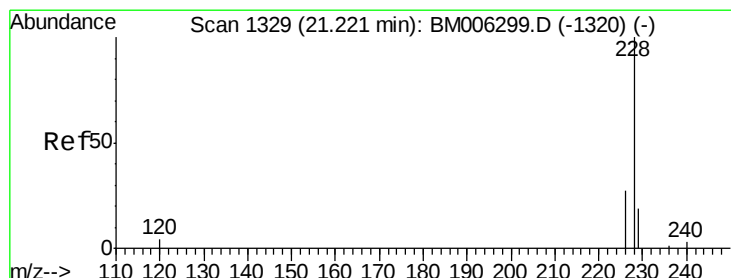
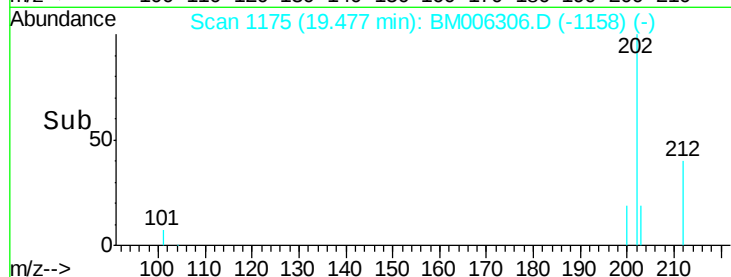
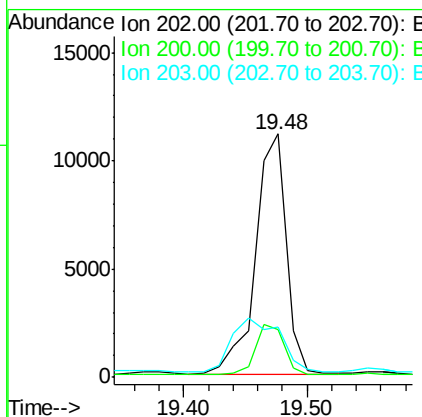
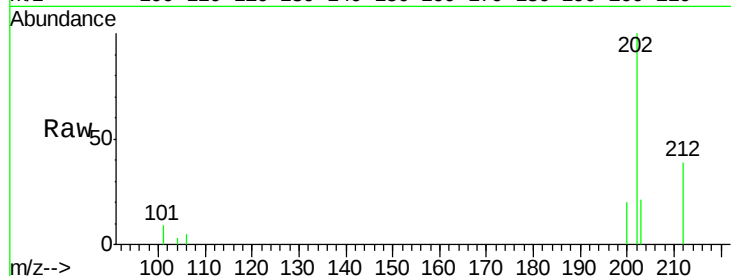
#19
Pvrene
Concen: 0.32 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Instrument :
BNA_M
ClientSampleId :
A4TX0

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.8	26.8
203	20.9	12.8	19.2

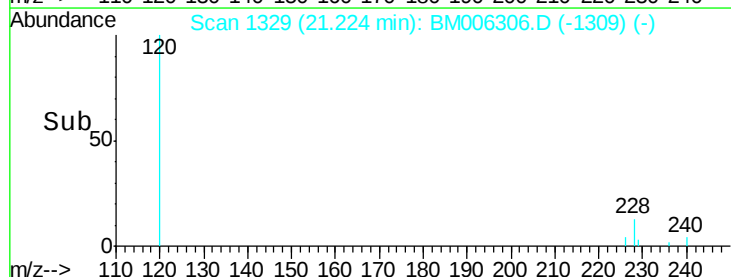
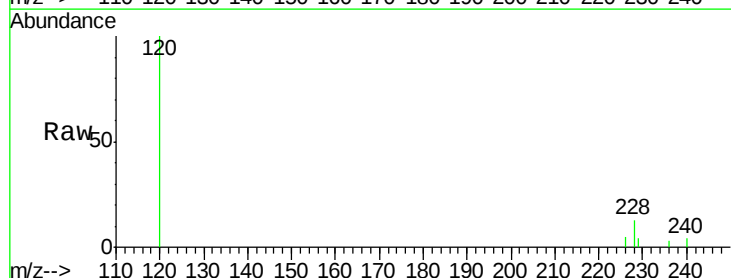
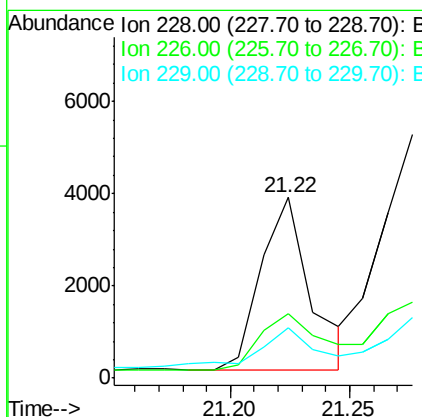
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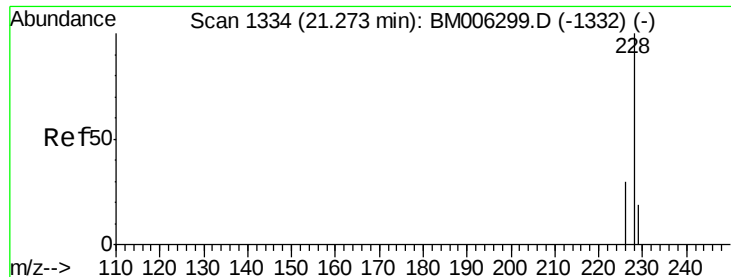
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#20
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 21.22 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	18.8	28.2
229	27.7	17.1	25.7





#21

Chrysene

Concen: 0.16 ng/ul

RT: 21.28 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM006306.D

Acq: 07 Jul 2016 05:53

Instrument :

BNA_M

ClientSampleId :

A4TX0

Tot Ion:228 Resp: 7496

Ion Ratio Lower Upper

228 100

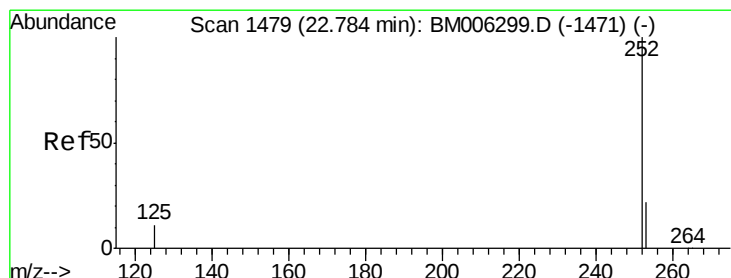
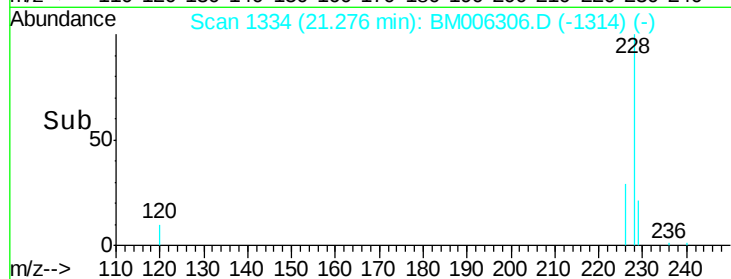
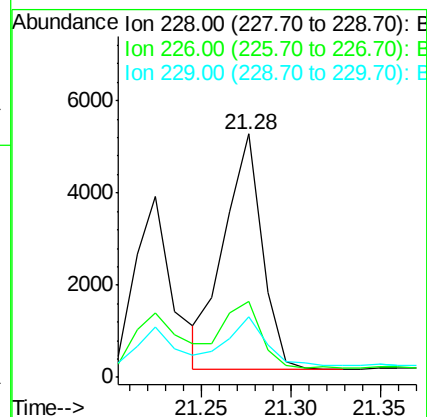
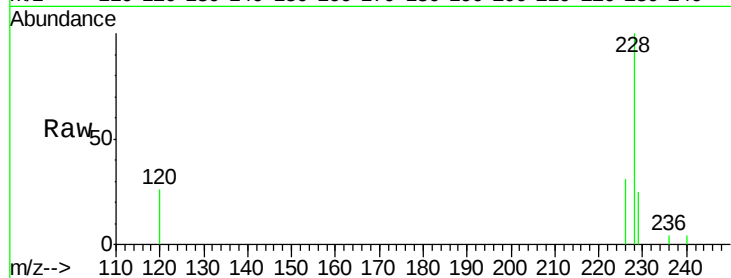
226 31.0 21.2 31.8

229 24.7 17.0 25.6

Manual Integrations

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#23

Benzo(b)fluoranthene

Concen: 0.24 ng/ul m

RT: 22.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM006306.D

Acq: 07 Jul 2016 05:53

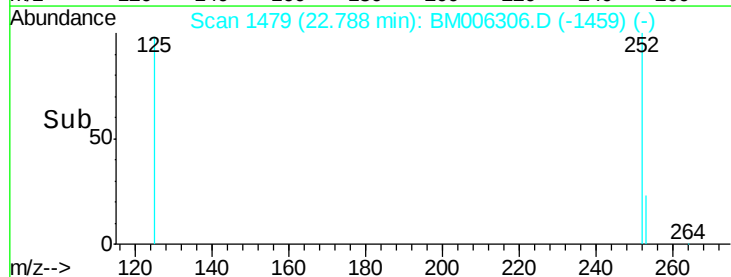
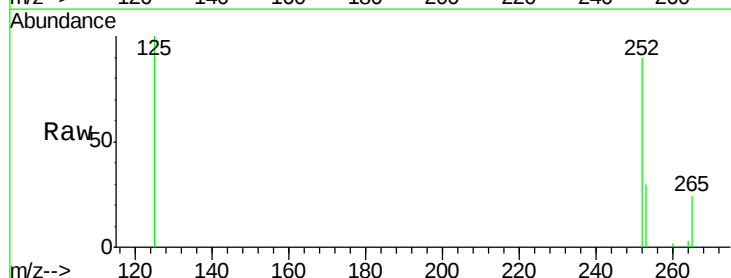
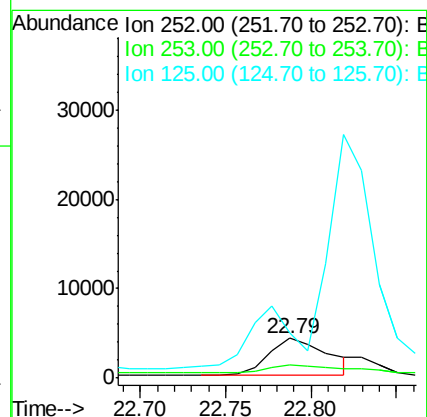
Tgt Ion:252 Resp: 10030

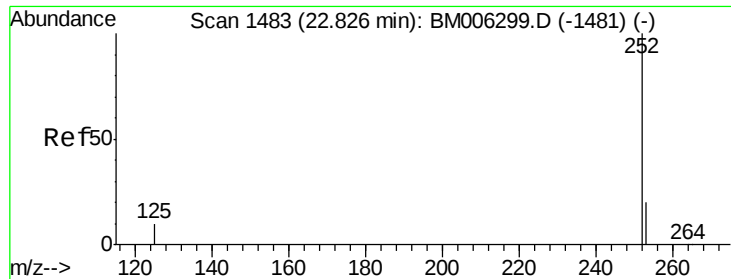
Ion Ratio Lower Upper

252 100

253 33.7 0.0 45.4

125 111.4 0.0 28.8#





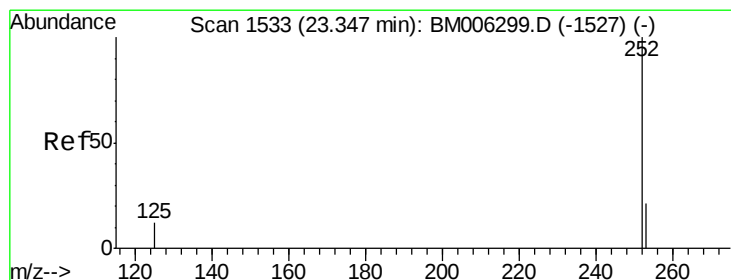
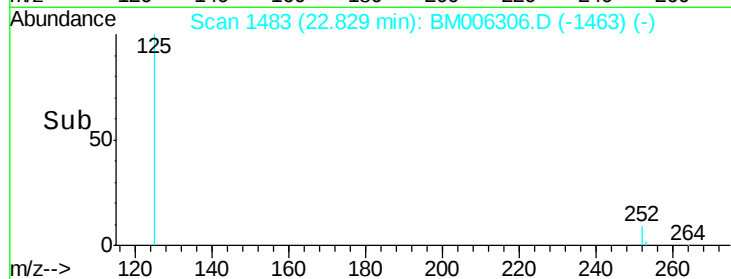
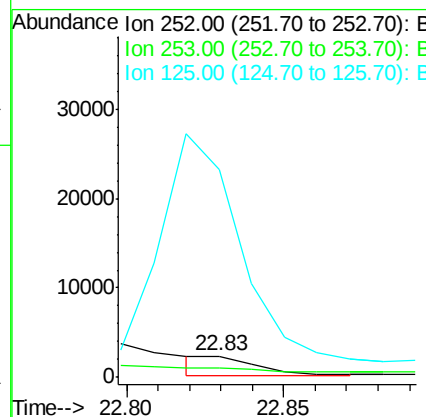
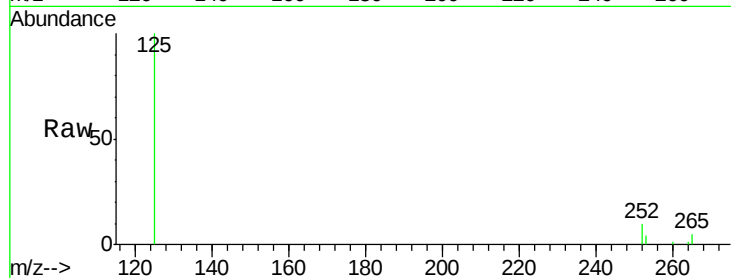
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Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.83 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Instrument :
BNA_M
ClientSampleId :
A4TX0

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.2	19.8	29.8#
125	978.9	10.4	15.6#

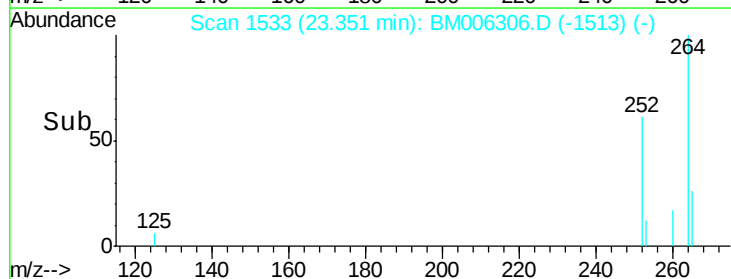
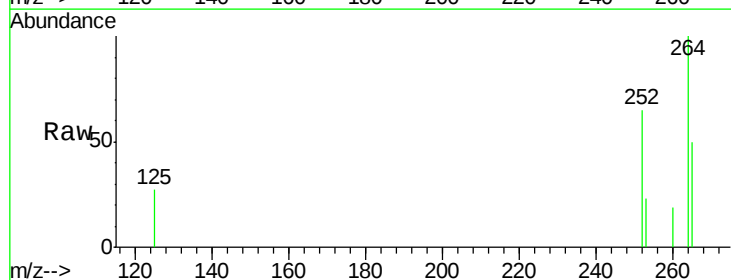
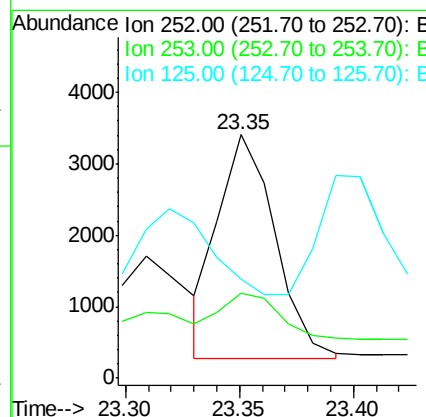
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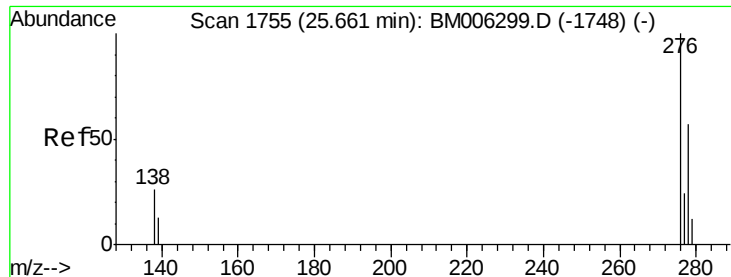
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#25
Benzo(a)pyrene
Concen: 0.14 ng/ul m
RT: 23.35 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.1	19.4	29.2#
125	40.8	12.7	19.1#





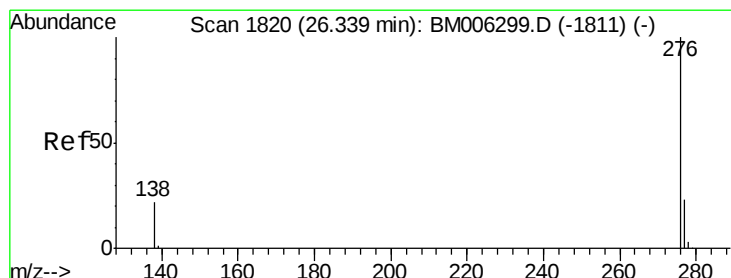
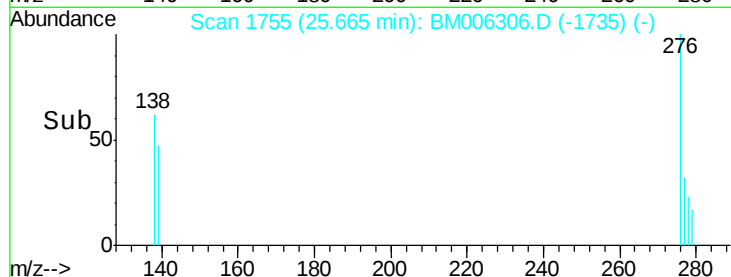
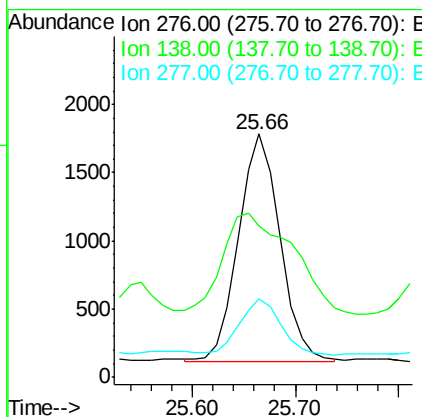
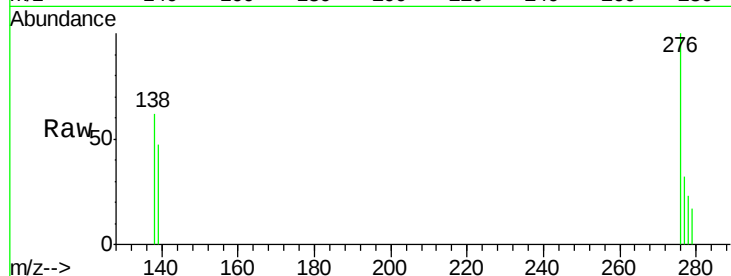
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul m
RT: 25.66 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Instrument :
BNA_M
ClientSampleId :
A4TX0

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.3	24.5#
277	0.0	19.8	29.8#

Manual Integrations

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#28
Benzo(g,h,i)perylene
Concen: 0.12 ng/ul m
RT: 26.34 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM006306.D
Acq: 07 Jul 2016 05:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	39.2	18.9	28.3#
138	40.9	22.5	33.7#

