

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012919.D
 Acq On : 12 Nov 2017 01:19
 Operator : SJ/JU
 Sample : I6322-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHH9MSD

Manual Integrations
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SOHIL
 11/13/2017 4:49:53 PM

Quant Time: Nov 13 03:20:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 02:06:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84862	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	317572	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	185345	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	435395	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	534692	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	603026	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	483677	25.09	ng/ul	0.00
10) Fluorene-d10	15.42	176	353236	26.79	ng/ul	0.00
14) Anthracene-d10	17.27	188	548941	26.08	ng/ul	0.00
18) Pyrene-d10	19.56	212	610123	25.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	739776	25.98	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.49	153	300619	23.930	ng/ul	96
13) Phenanthrene	17.21	178	334130	13.894	ng/ul	99
15) Anthracene	17.30	178	73565	2.944	ng/ul	97
16) Fluoranthene	19.23	202	791378	26.751	ng/ul#	92
19) Pyrene	19.59	202	1236764	40.295	ng/ul#	94
20) Benzo(a)anthracene	21.34	228	439648	13.363	ng/ul	98
21) Chrysene	21.39	228	385280	13.104	ng/ul	96
23) Benzo(b)fluoranthene	22.94	252	672157m	18.744	ng/ul	
24) Benzo(k)fluoranthene	22.99	252	209878m	6.124	ng/ul	
26) Benzo(a)pyrene	23.53	252	404648m	11.635	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.93	276	338800	7.553	ng/ul	95
28) Dibenzo(a,h)anthracene	25.93	278	98345	2.608	ng/ul#	76
29) Benzo(a,h,i)perylene	26.63	276	256944	6.862	ng/ul#	94

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

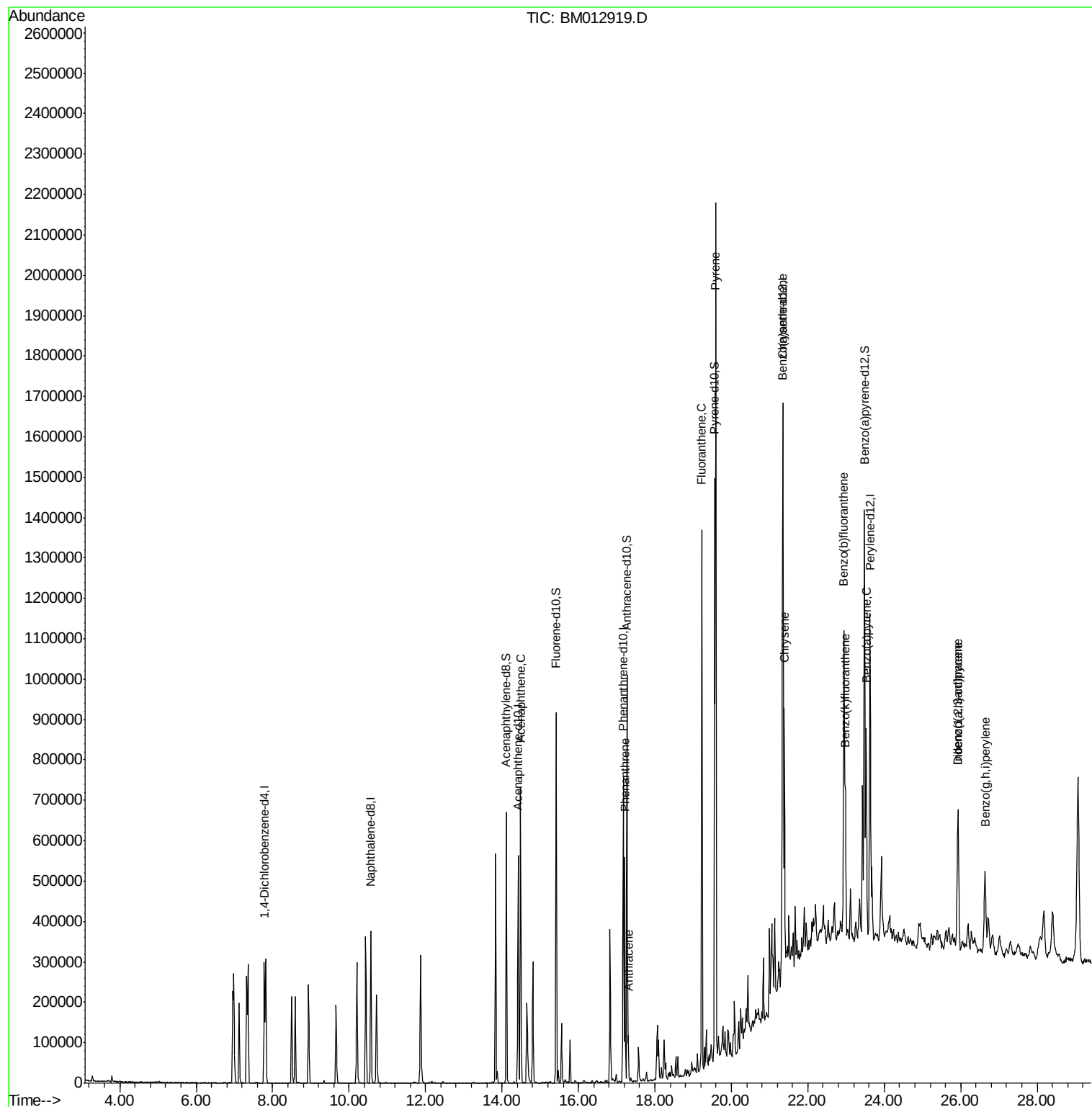
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012919.D
Acq On : 12 Nov 2017 01:19
Operator : SJ/JU
Sample : I6322-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

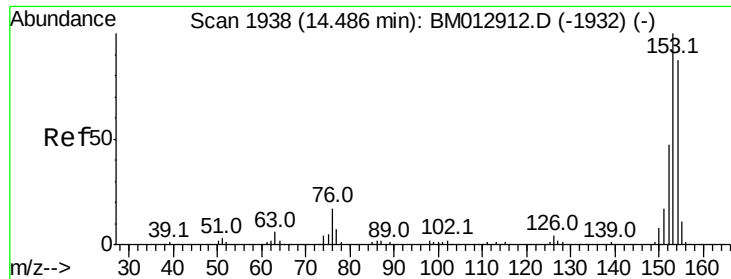
Instrument :
BNA_M
ClientSampleId :
DAH9MSD

Manual Integrations
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11/13/2017 4:49:53 PM

Quant Time: Nov 13 03:20:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 23.930 ng/ul

RT: 14.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM012919.D

Acq: 12 Nov 2017 01:19

Instrument :

BNA_M

ClientSampleId :

DAH9MSD

Tot Ion:153 Resp: 300619

Ion Ratio Lower Upper

153 100

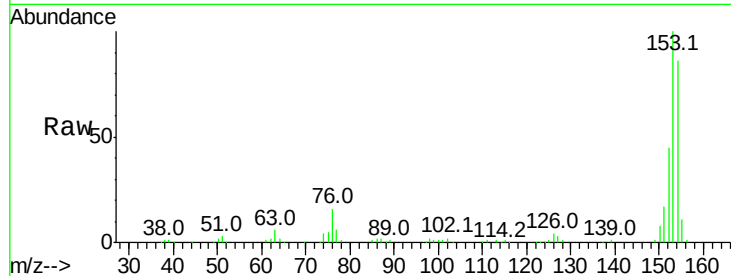
152 45.3 39.0 58.6

154 86.3 66.8 100.2

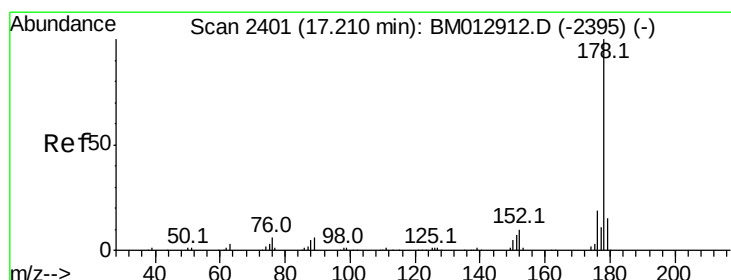
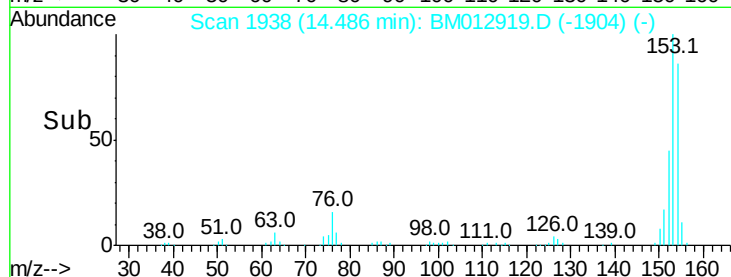
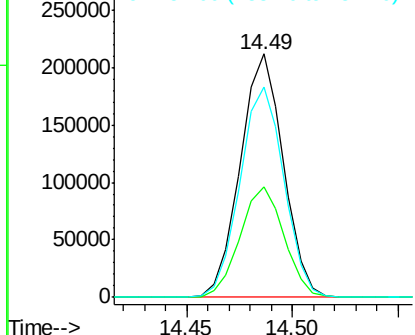
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 13.894 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM012919.D

Acq: 12 Nov 2017 01:19

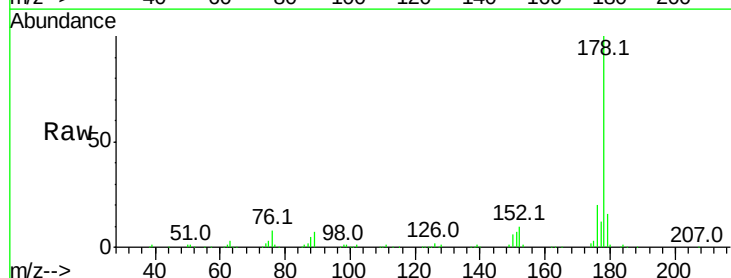
Tgt Ion:178 Resp: 334130

Ion Ratio Lower Upper

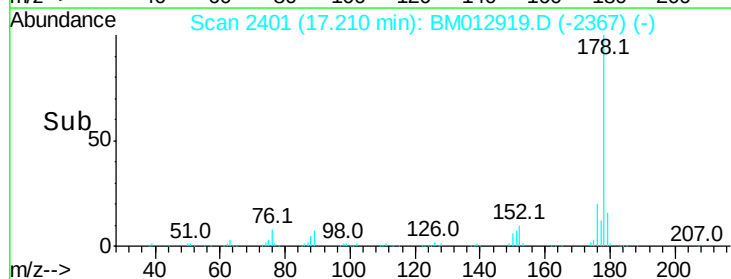
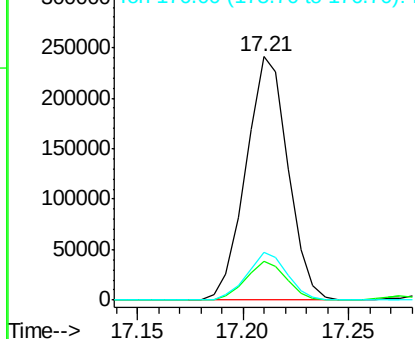
178 100

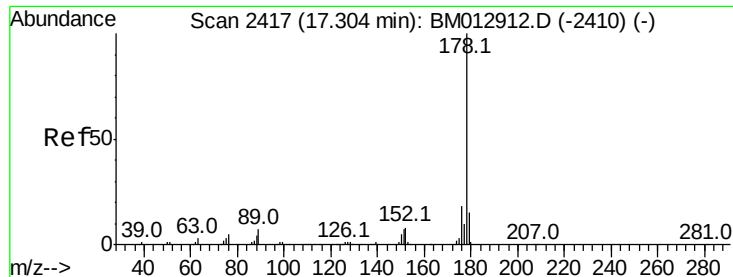
179 15.8 12.3 18.5

176 19.7 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





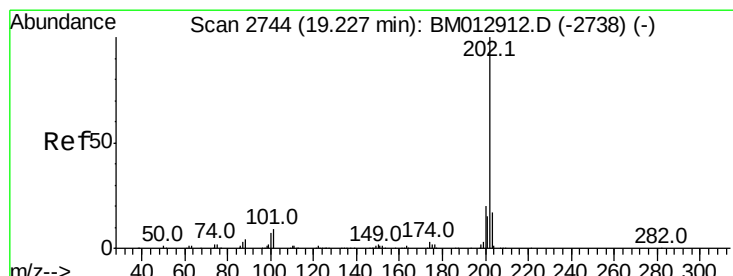
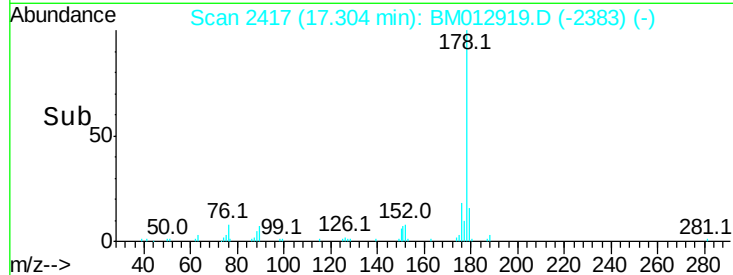
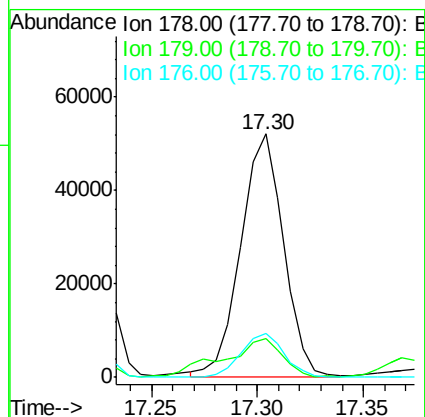
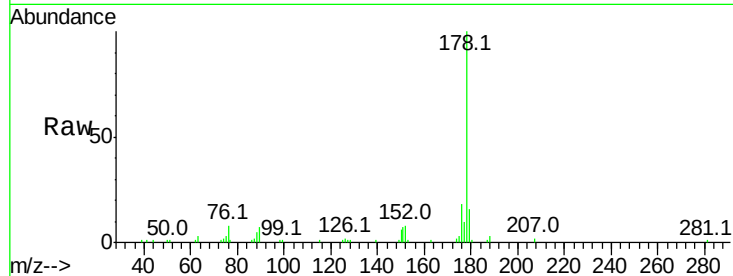
#15
 Anthracene
 Concen: 2.944 ng/ul
 RT: 17.30 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BM012919.D
 Acq: 12 Nov 2017 01:19

Instrument :
 BNA_M
 ClientSampleId :
 DAHH9MSD

Tot Ion:178	Resp:	73565
Ion Ratio	Lower	Upper
178 100		
179 16.0	11.8	17.8
176 17.8	15.2	22.8

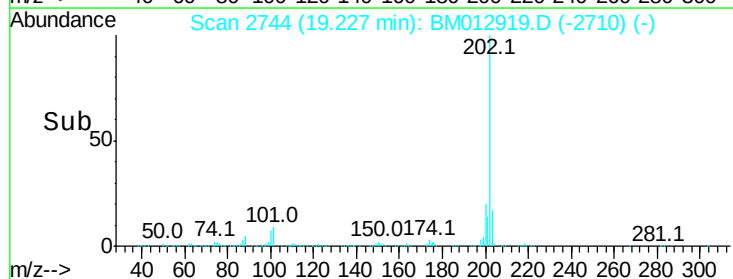
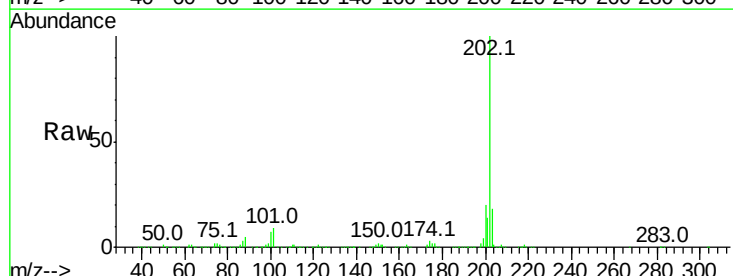
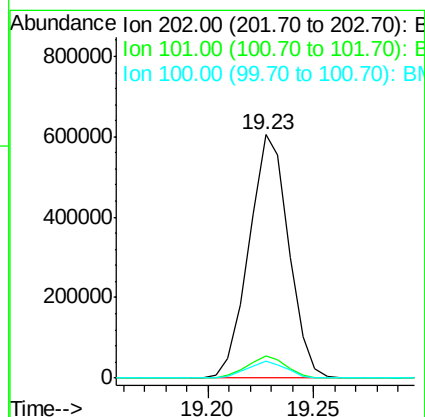
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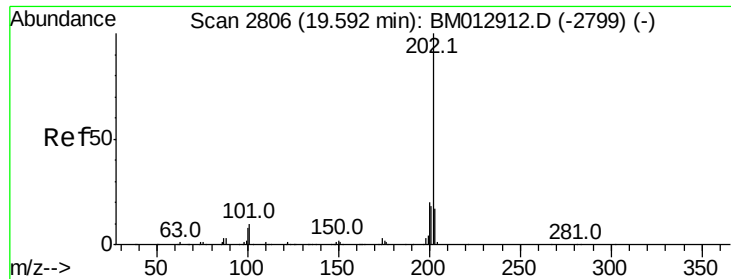
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#16
 Fluoranthene
 Concen: 26.751 ng/ul
 RT: 19.23 min Scan# 2744
 Delta R.T. 0.00 min
 Lab File: BM012919.D
 Acq: 12 Nov 2017 01:19

Tgt Ion:202	Resp:	791378
Ion Ratio	Lower	Upper
202 100		
101 8.9	9.9	14.9#
100 6.8	7.4	11.0#





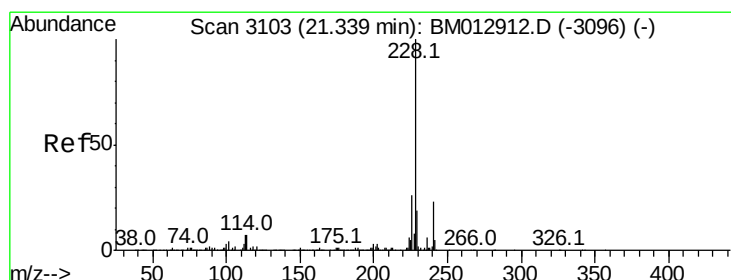
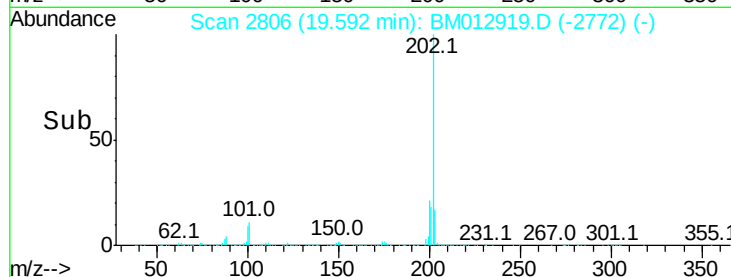
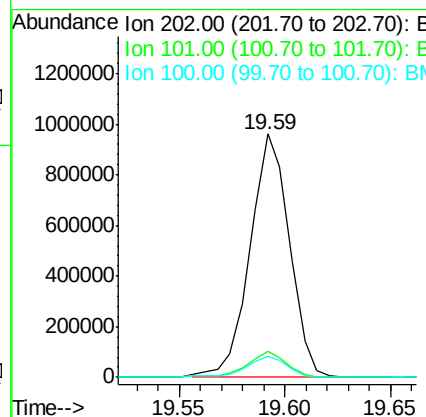
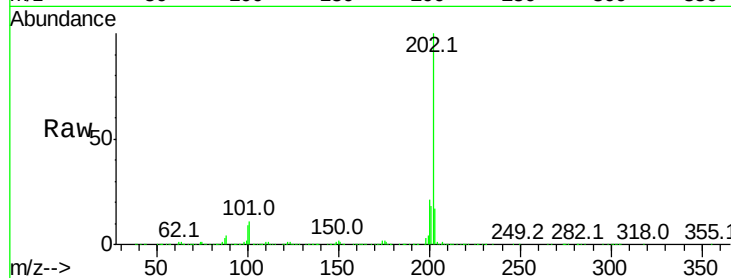
#19
Pvrene
Concen: 40.295 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :
DAH9MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.0	16.4#
100	8.7	8.1	12.1

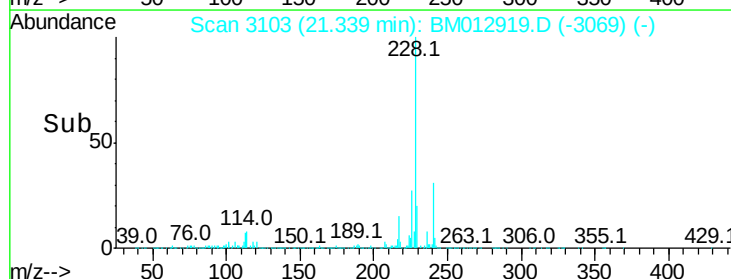
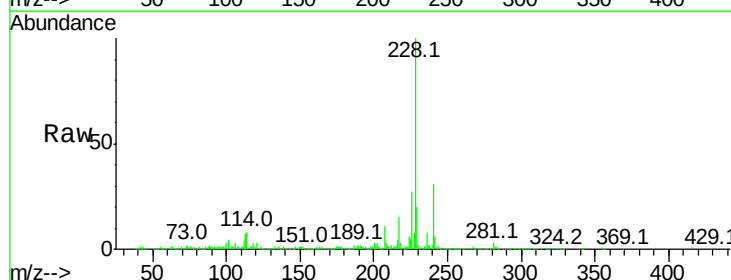
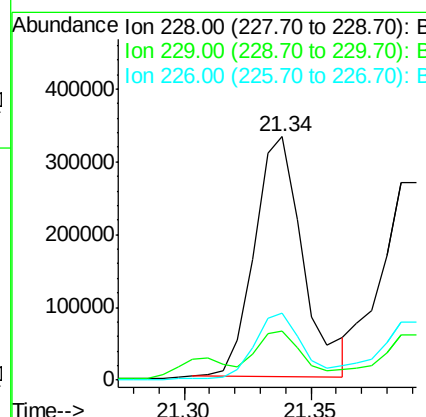
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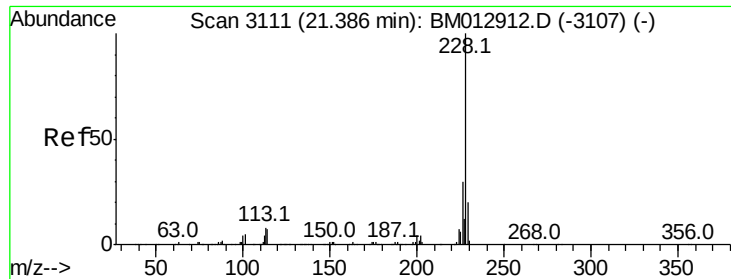
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#20
Benzo(a)anthracene
Concen: 13.363 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.5	21.1	31.7





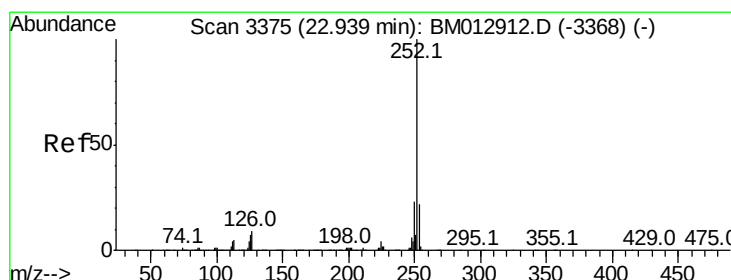
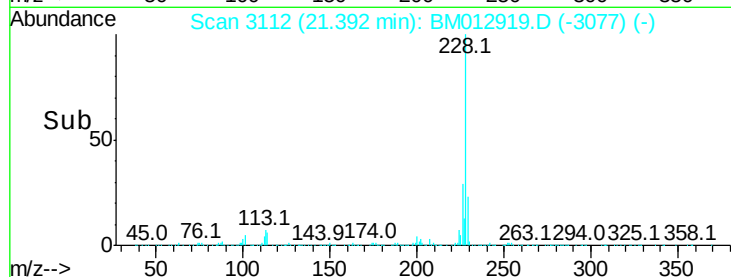
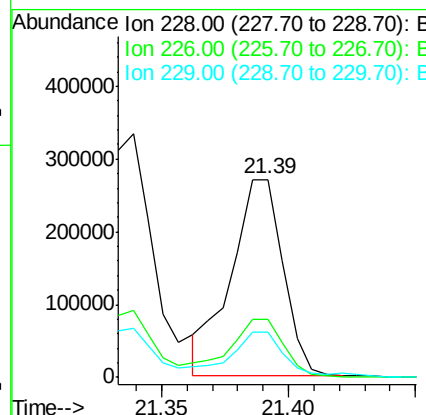
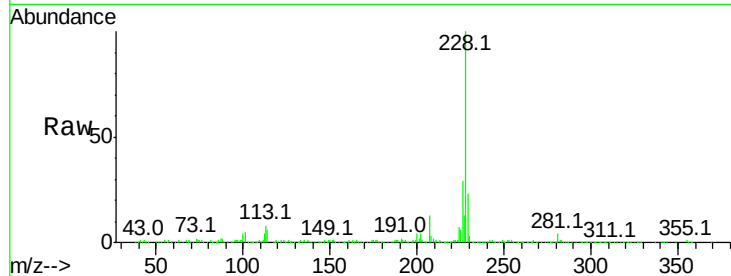
#21
Chrysene
Concen: 13.104 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Instrument :
BNA_M
ClientSampleId :
DAH9MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	22.9	15.8	23.8

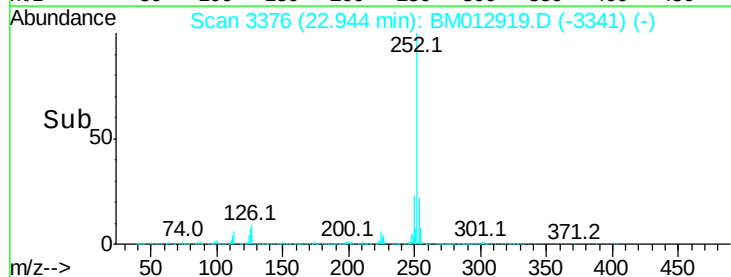
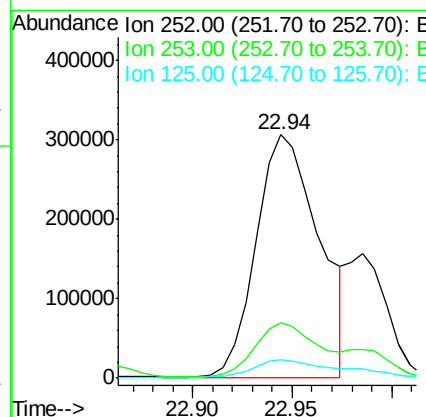
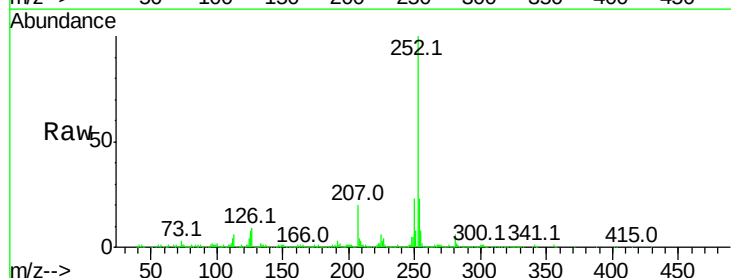
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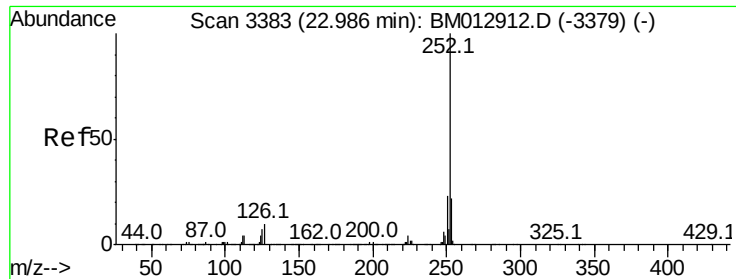
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#23
Benzo(b)fluoranthene
Concen: 18.744 ng/ul m
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM012919.D
Acq: 12 Nov 2017 01:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	7.7	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 6.124 ng/ul m

RT: 22.99 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BM012919.D

Acq: 12 Nov 2017 01:19

Instrument :

BNA_M

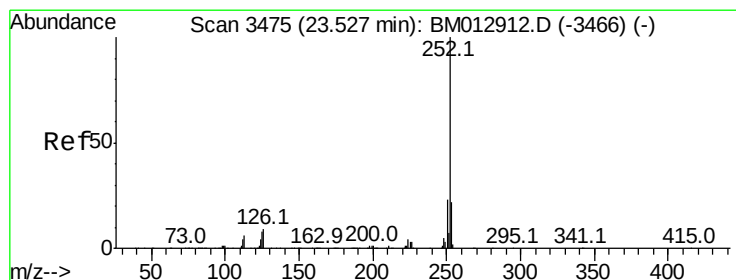
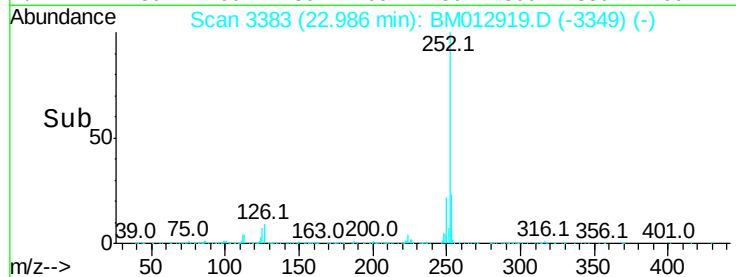
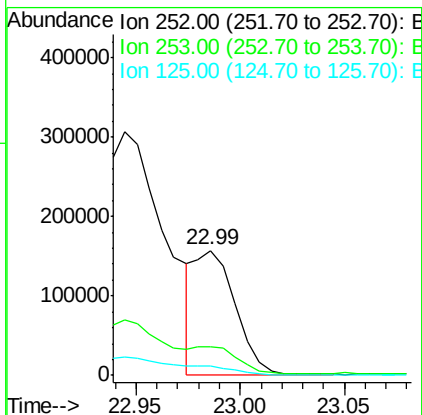
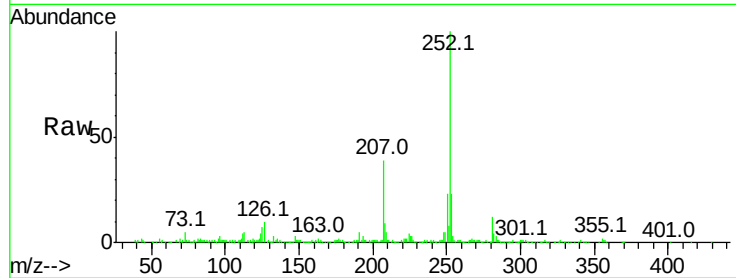
ClientSampleId :

DAH9MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	209878		
253	23.3	18.0	27.0	
125	7.3	8.1	12.1	

Manual Integrations
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#26

Benzo(a)pyrene

Concen: 11.635 ng/ul m

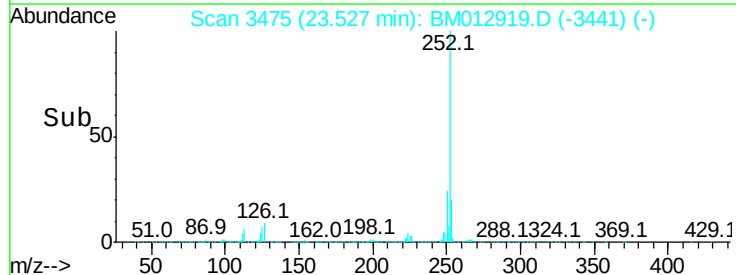
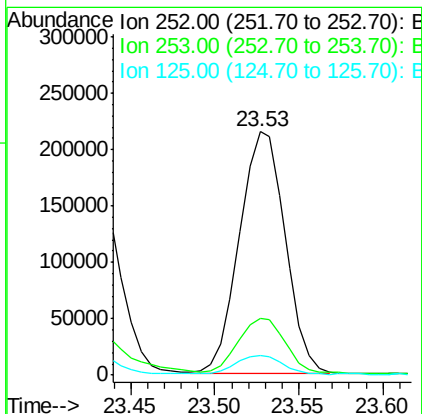
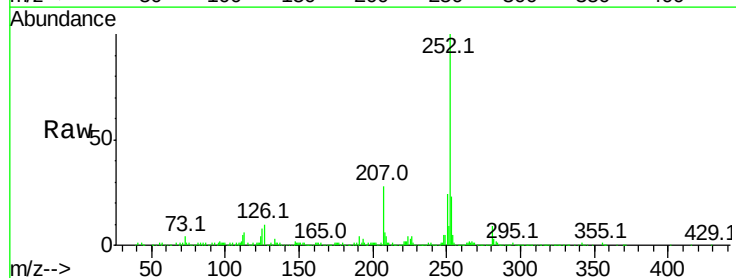
RT: 23.53 min Scan# 3475

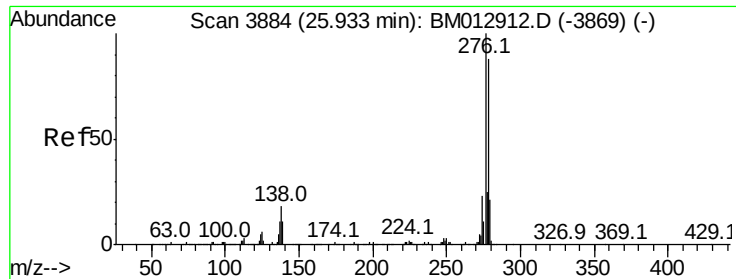
Delta R.T. 0.00 min

Lab File: BM012919.D

Acq: 12 Nov 2017 01:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	404648		
253	23.2	17.2	25.8	
125	7.9	8.2	12.4	





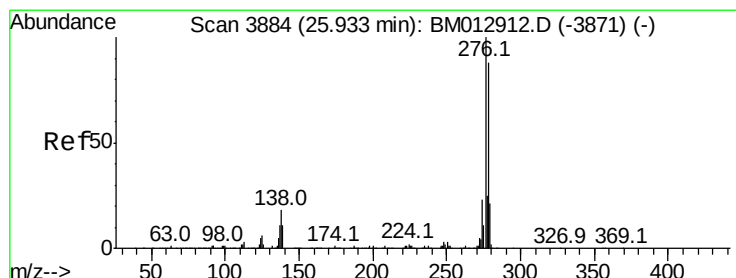
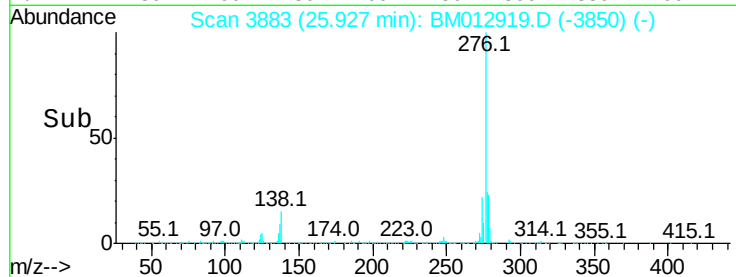
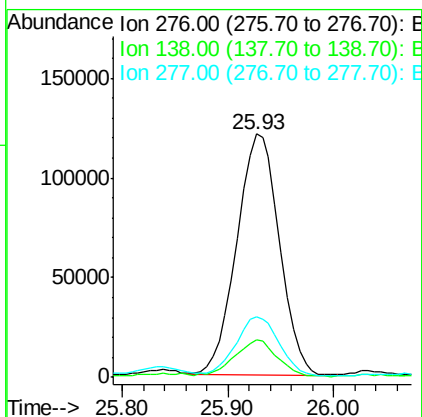
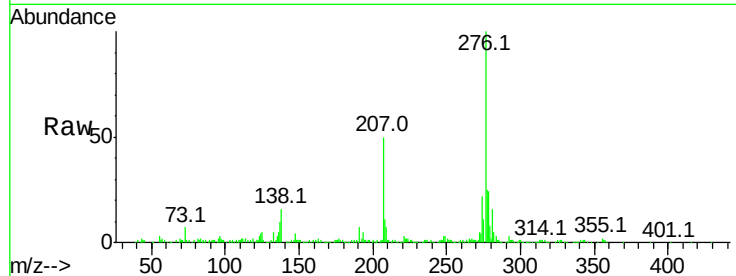
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 7.553 ng/ul
 RT: 25.93 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BM012919.D
 Acq: 12 Nov 2017 01:19

Instrument :
 BNA_M
 ClientSampleId :
 DAHH9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.4	21.6
277	24.9	18.0	27.0

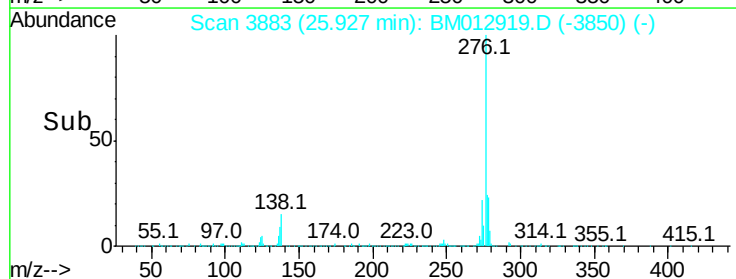
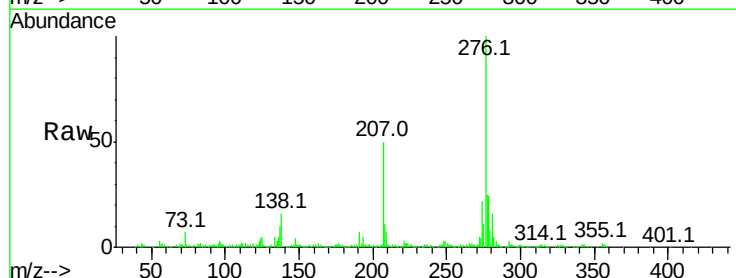
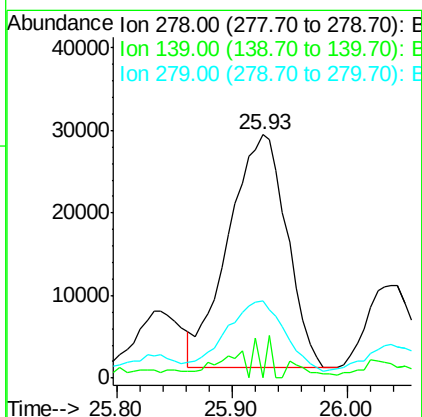
Manual Integrations
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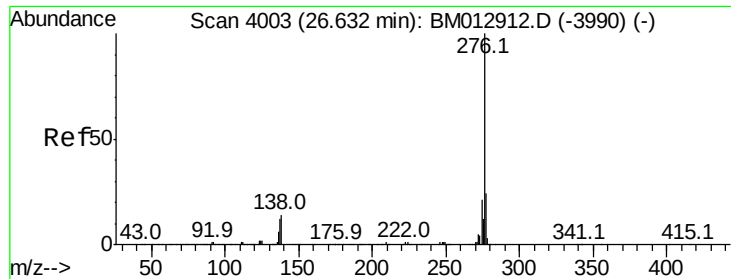
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#28
 Dibenzo(a,h)anthracene
 Concen: 2.608 ng/ul
 RT: 25.93 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BM012919.D
 Acq: 12 Nov 2017 01:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	31.6	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 6.862 ng/ul

RT: 26.63 min Scan# 4003

Delta R.T. 0.00 min

Lab File: BM012919.D

Acq: 12 Nov 2017 01:19

Instrument :

BNA_M

ClientSampleId :

DAH9MSD

Tot Ion:	276	Resp:	256944
Ion Ratio	Lower	Upper	
276	100		
138	14.1	15.3	22.9#
277	24.7	19.0	28.4

Manual Integrations
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11/13/2017 4:49:53 PM

