

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002272.D
 Acq On : 08 Aug 2015 12:10
 Operator : TP/UM
 Sample : G3161-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C49

Manual Integrations
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 8/10/2015 7:13:36 PM

Quant Time: Aug 09 05:57:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	284311	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1357462	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	698223	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1376387	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1200670	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	981377	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1552769	21.47	ng/ul	0.00
10) Fluorene-d10	16.47	176	1005646	19.99	ng/ul	0.00
14) Anthracene-d10	18.30	188	1410406	21.12	ng/ul	0.00
18) Pyrene-d10	20.52	212	1366068	23.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	1035544	19.87	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	11.85	128	81148	1.14	ng/ul	99
4) 2-Methylnaphthalene	13.39	142	94079	1.84	ng/ul	98
13) Phenanthrene	18.25	178	255209	3.22	ng/ul	99
16) Fluoranthene	20.19	202	643267	7.33	ng/ul	99
19) Pyrene	20.55	202	565176	7.28	ng/ul	99
20) Benzo(a)anthracene	22.27	228	382908	5.22	ng/ul	98
21) Chrysene	22.33	228	493285	7.10	ng/ul	98
23) Benzo(b)fluoranthene	24.16	252	838102	13.74	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	207526m	3.54	ng/ul	
26) Benzo(a)pyrene	24.87	252	439957	7.54	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.84	276	405798	6.07	ng/ul	94
28) Dibenzo(a,h)anthracene	27.84	278	112635	1.99	ng/ul#	76
29) Benzo(g,h,i)perylene	28.72	276	379336	6.72	ng/ul	97

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

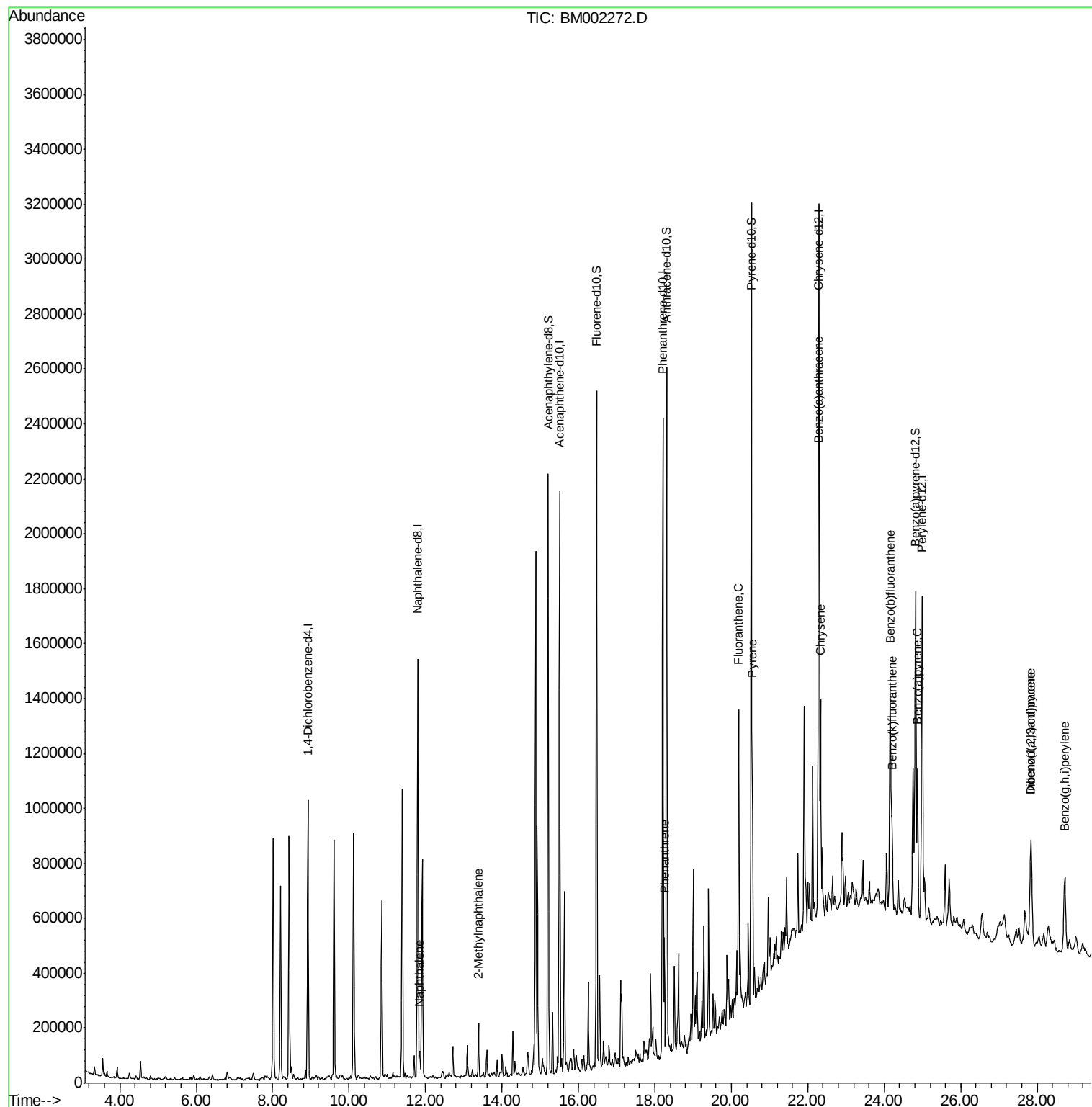
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002272.D
Acq On : 08 Aug 2015 12:10
Operator : TP/UM
Sample : G3161-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

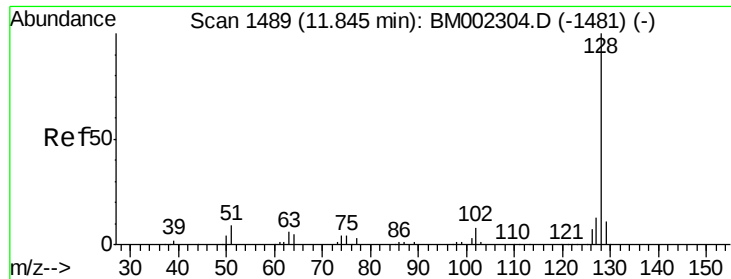
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Quant Time: Aug 09 05:57:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 09 05:31:20 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.14 ng/ul

RT: 11.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Instrument :

BNA_M

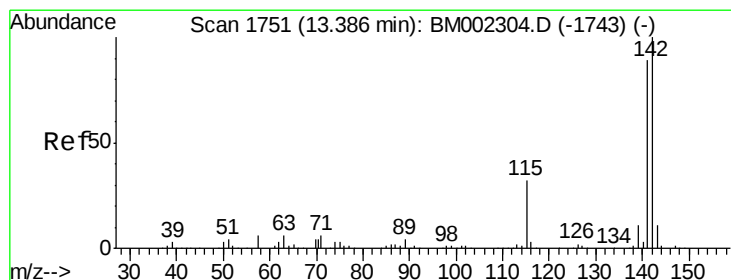
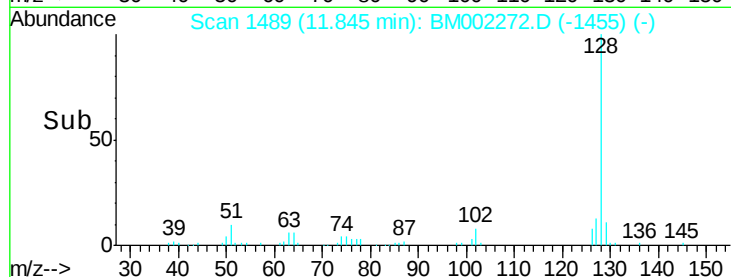
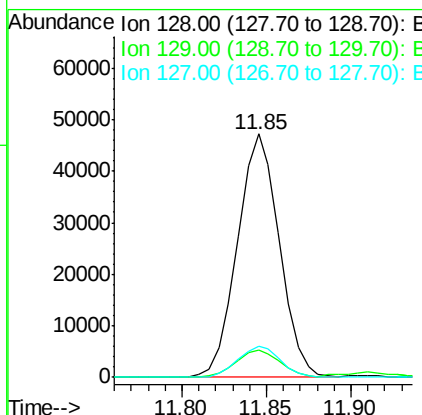
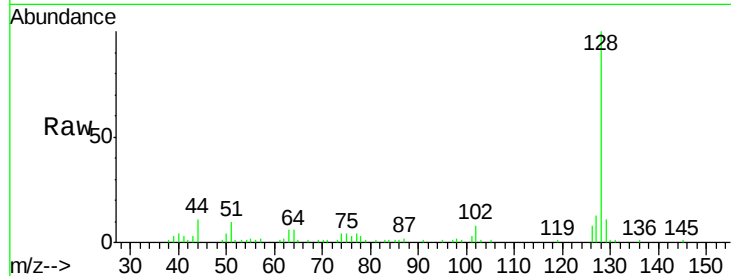
ClientSampleId :

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Tgt Ion:	128	Resp:	81148
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	12.8
127	12.9	10.4	15.6



#4

2-Methylnaphthalene

Concen: 1.84 ng/ul

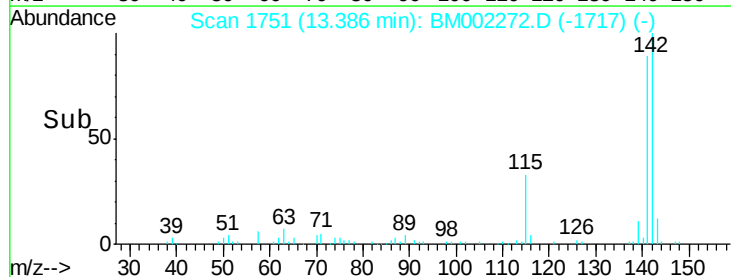
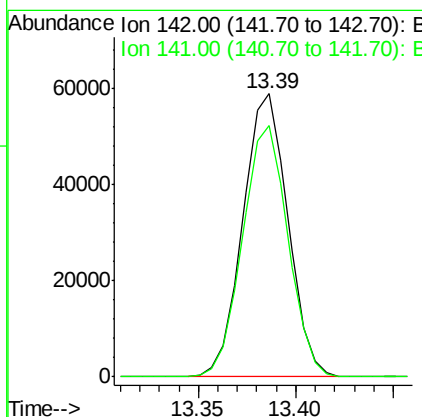
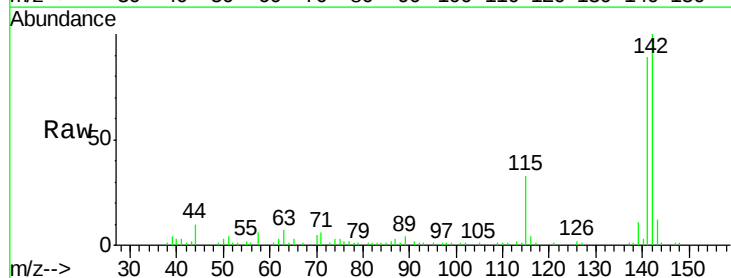
RT: 13.39 min Scan# 1751

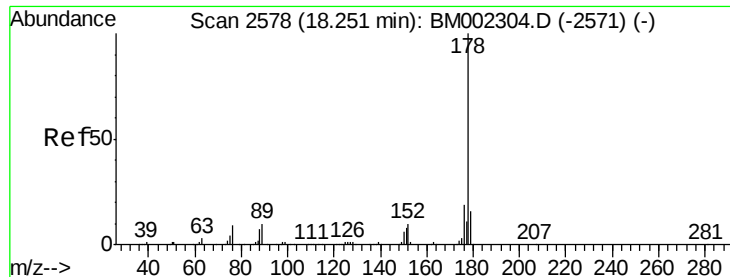
Delta R.T. 0.00 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Tgt Ion:	142	Resp:	94079
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.5	108.7





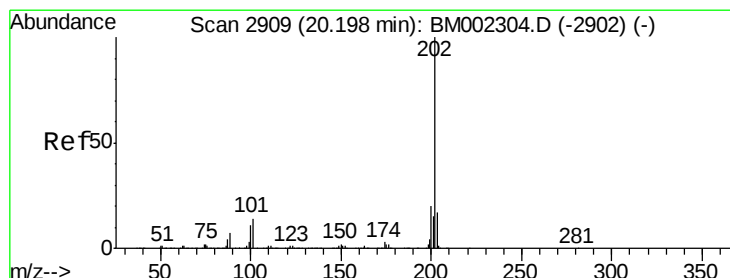
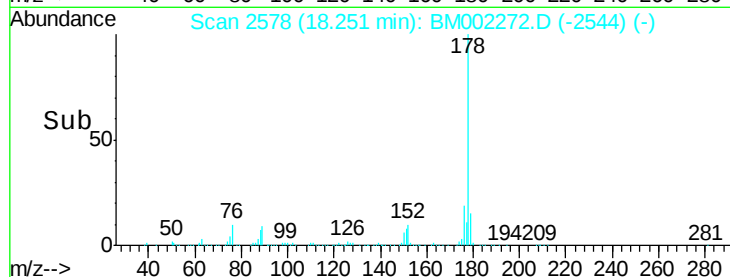
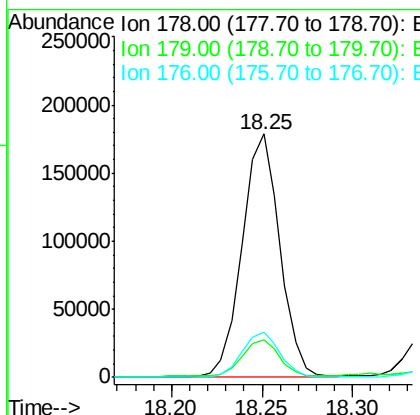
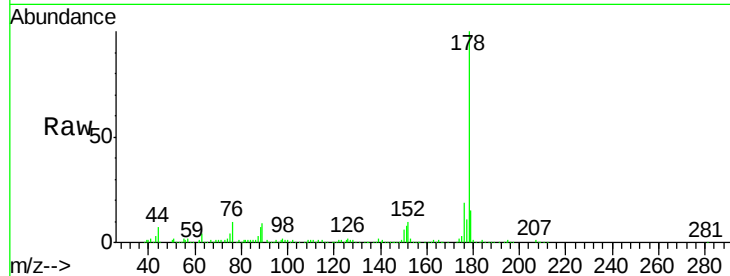
#13
Phenanthrene
Concen: 3.22 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002272.D
Acq: 08 Aug 2015 12:10

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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	255209		
179	15.2	12.3	18.5	
176	18.6	15.3	22.9	

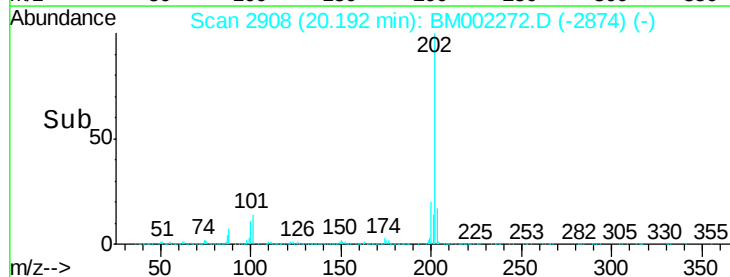
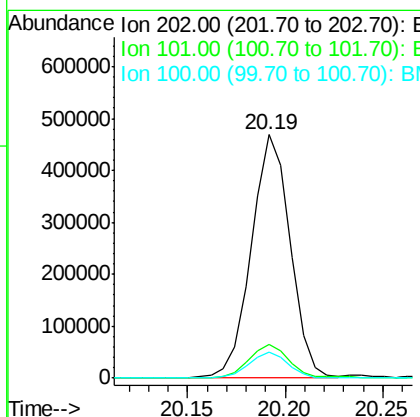
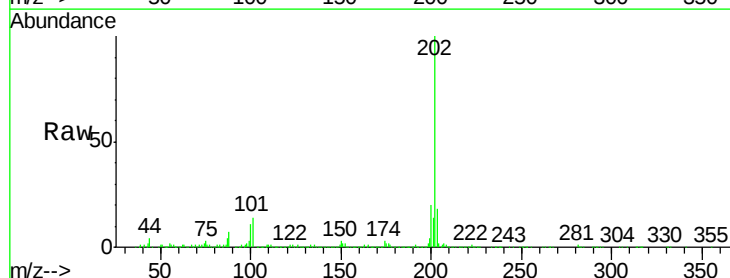
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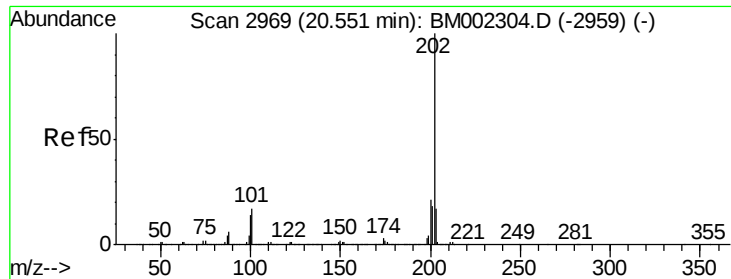
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#16
Fluoranthene
Concen: 7.33 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BM002272.D
Acq: 08 Aug 2015 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	643267		
101	13.8	10.6	15.8	
100	10.7	8.2	12.4	





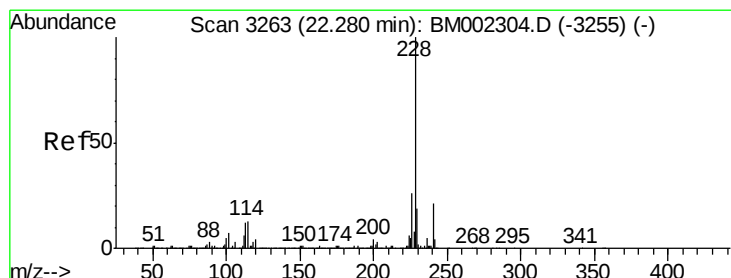
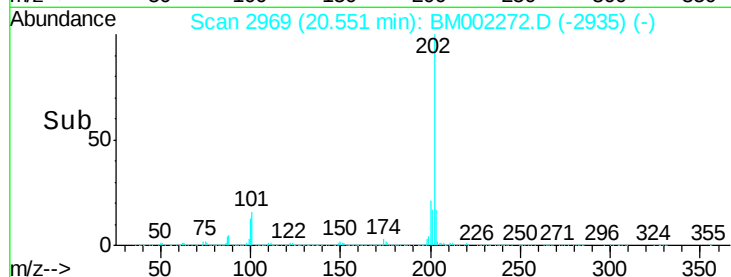
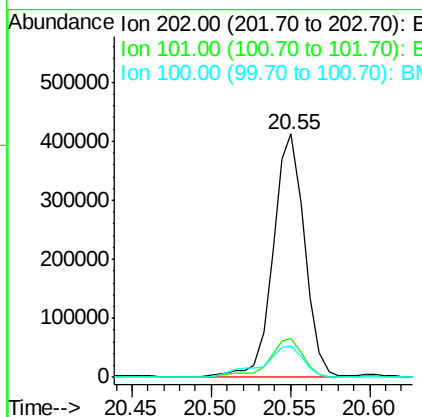
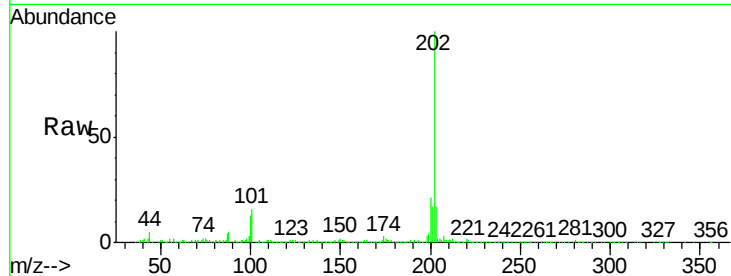
#19
Pyrene
Concen: 7.28 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002272.D
Acq: 08 Aug 2015 12:10

Instrument :
BNA_M
ClientSampleId :
D9C49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	565176		
101	16.0	13.0	19.6	
100	12.9	11.0	16.4	

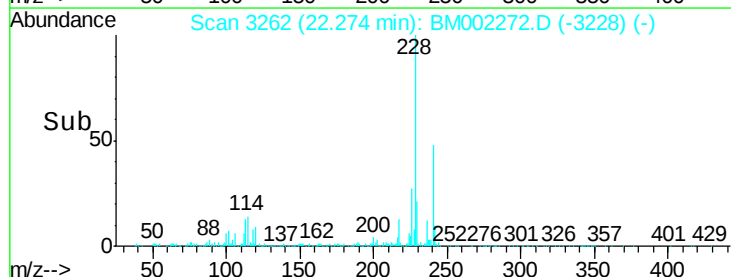
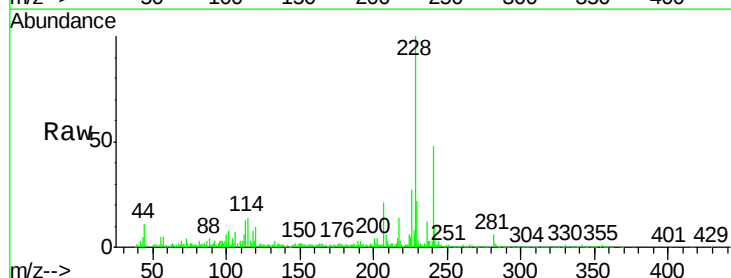
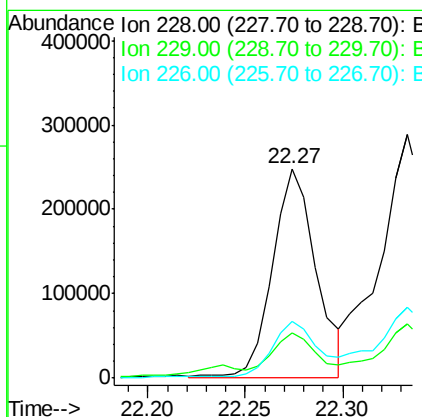
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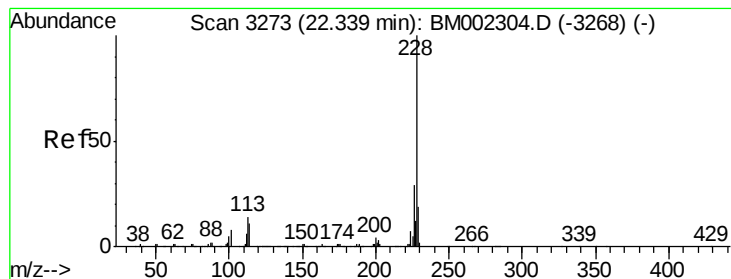
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#20
Benzo(a)anthracene
Concen: 5.22 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002272.D
Acq: 08 Aug 2015 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	382908		
229	21.8	15.7	23.5	
226	26.9	21.4	32.0	





#21

Chrysene

Concen: 7.10 ng/ul

RT: 22.33 min Scan# 3272

Delta R.T. 0.00 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Instrument :

BNA_M

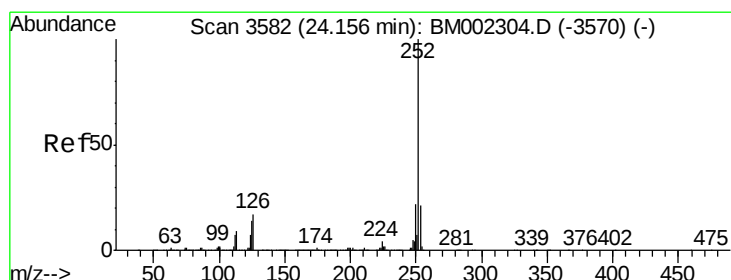
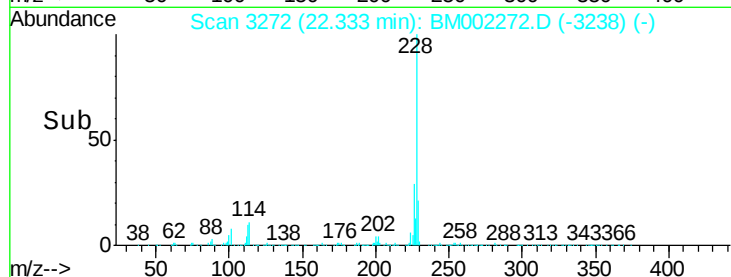
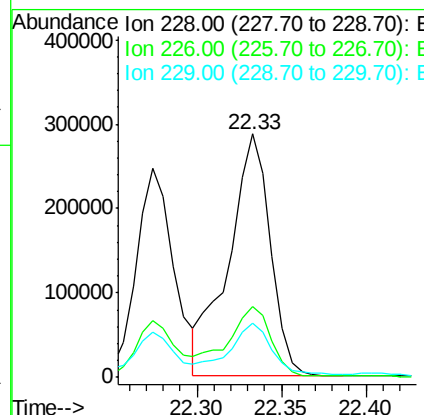
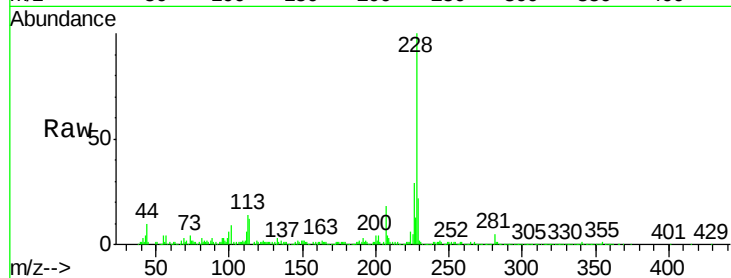
ClientSampleId :

D9C49

Tgt Ion:	228	Resp:	493285
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.0
229	22.1	15.5	23.3

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#23

Benzo(b)fluoranthene

Concen: 13.74 ng/ul

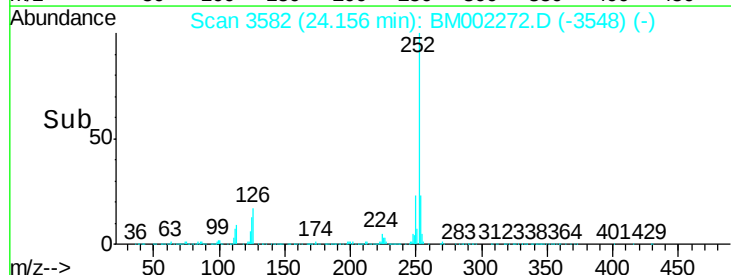
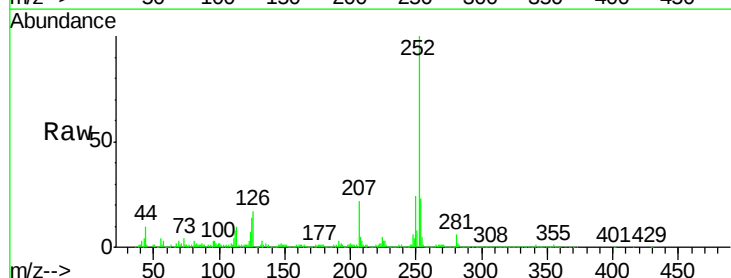
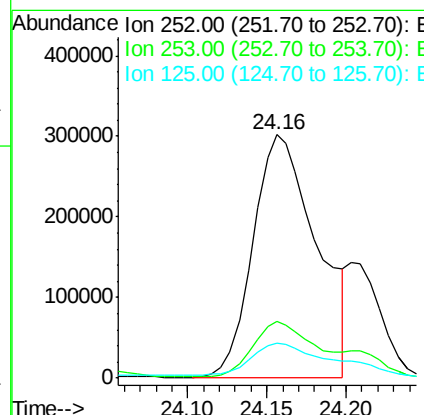
RT: 24.16 min Scan# 3582

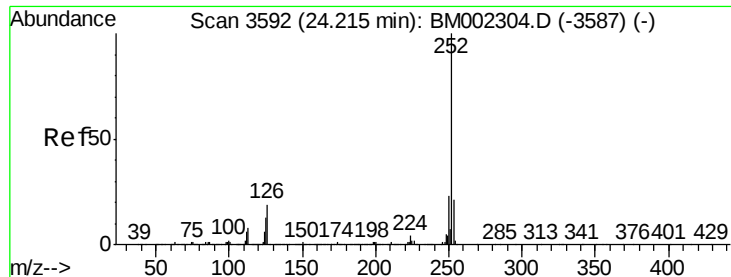
Delta R.T. 0.00 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Tgt Ion:	252	Resp:	838102
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	14.3	10.3	15.5





#24

Benzo(k)fluoranthene

Concen: 3.54 ng/ul m

RT: 24.20 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Instrument :

BNA_M

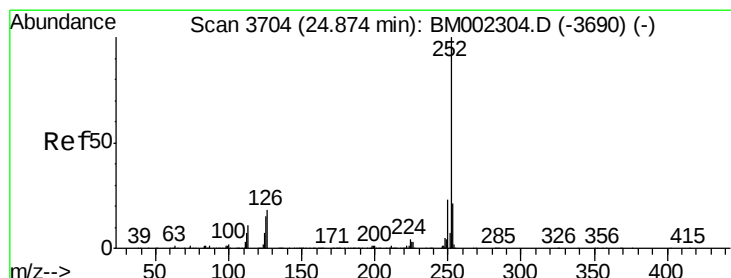
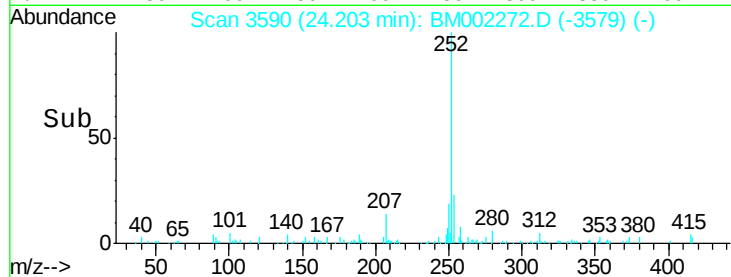
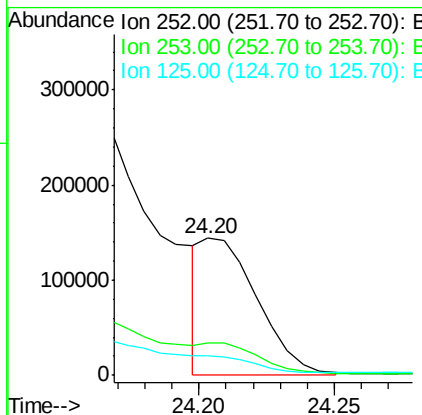
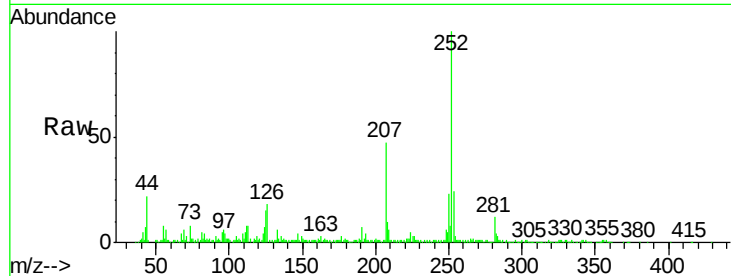
ClientSampleId :

D9C49

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	207526		
253	23.6	17.3	25.9	
125	14.6	10.2	15.4	

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#26

Benzo(a)pyrene

Concen: 7.54 ng/ul

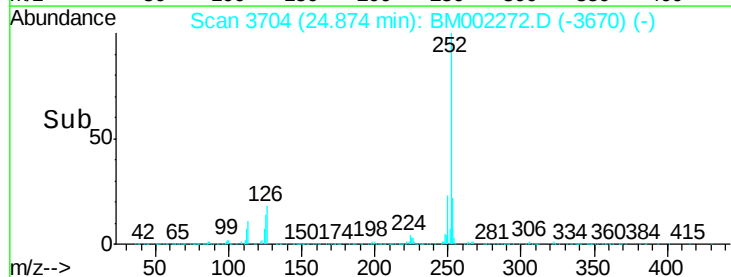
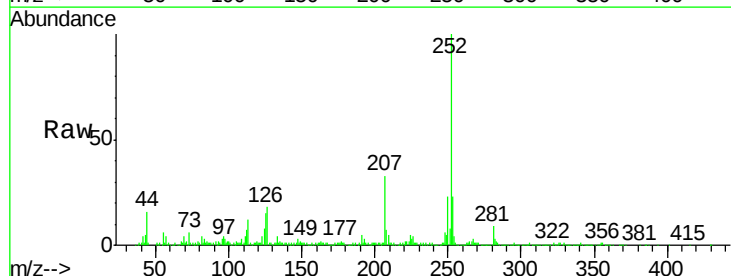
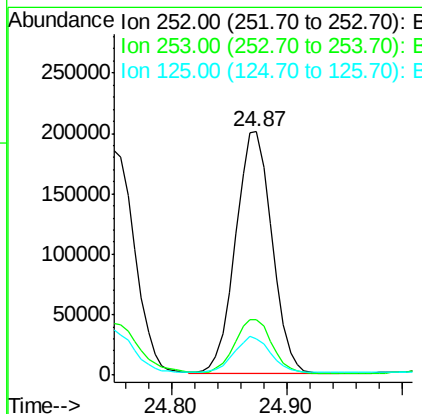
RT: 24.87 min Scan# 3704

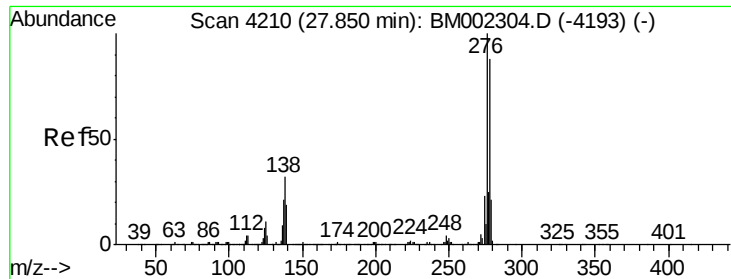
Delta R.T. 0.00 min

Lab File: BM002272.D

Acq: 08 Aug 2015 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	439957		
253	22.8	17.3	25.9	
125	14.9	11.0	16.6	





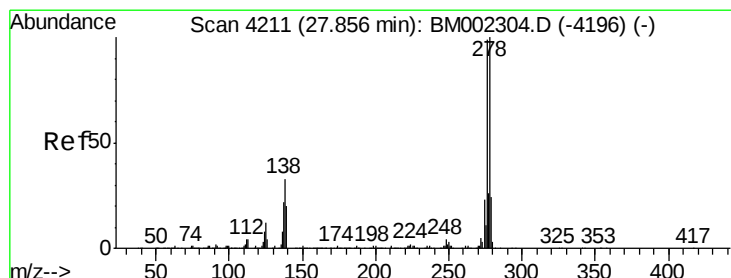
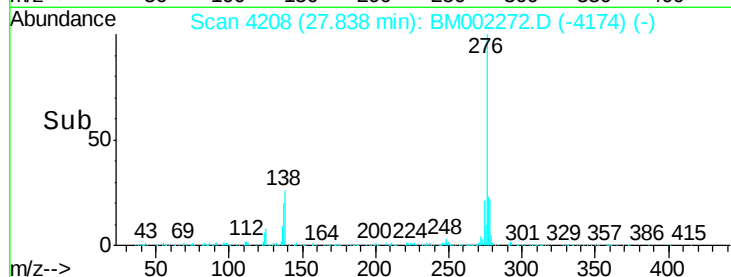
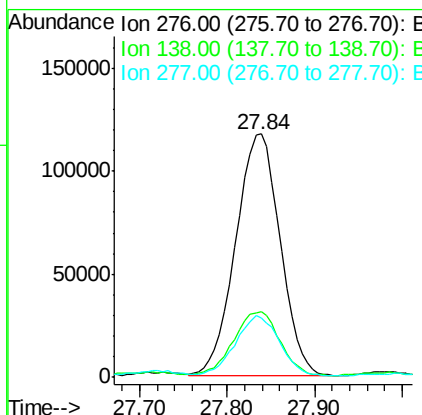
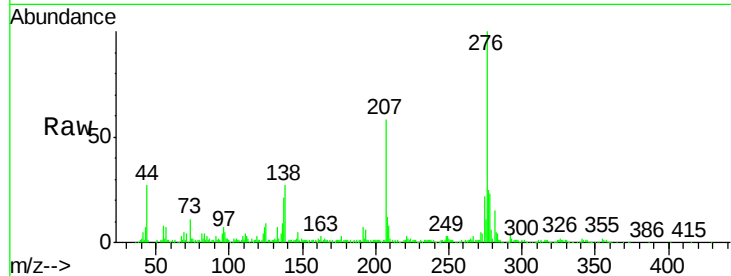
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.07 ng/ul
 RT: 27.84 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: BM002272.D
 Acq: 08 Aug 2015 12:10

Instrument :
 BNA_M
 ClientSampleId :
 D9C49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.6	38.4
277	24.5	21.0	31.4

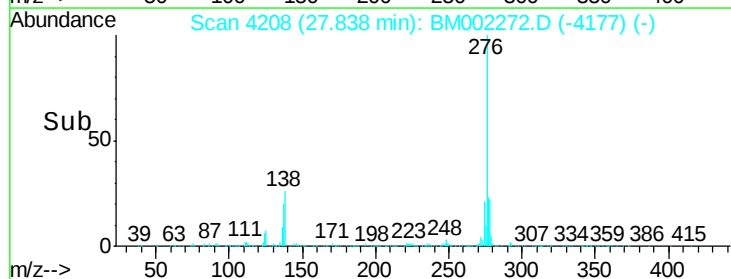
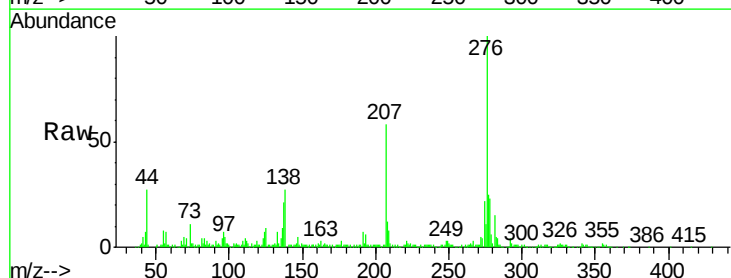
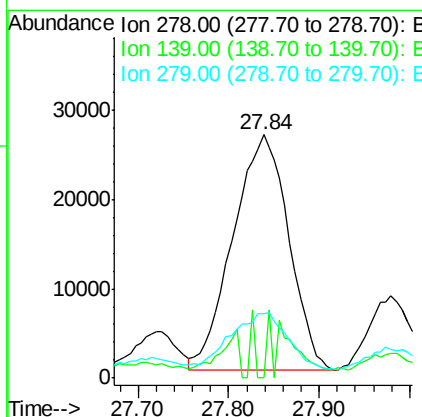
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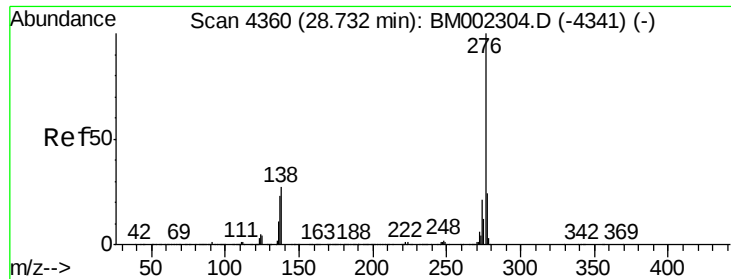
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.99 ng/ul
 RT: 27.84 min Scan# 4208
 Delta R.T. -0.02 min
 Lab File: BM002272.D
 Acq: 08 Aug 2015 12:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.4	24.6#
279	26.5	18.8	28.2





#29

Benzo(g,h,i)perylene

Concen: 6.72 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. 0.00 min

Lab File: BM002272.D

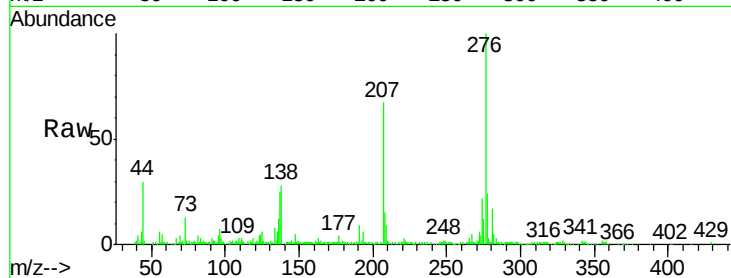
Acq: 08 Aug 2015 12:10

Instrument :

BNA_M

ClientSampleId :

D9C49



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.0	20.5	30.7	
277	24.3	19.0	28.6	

Manual Integrations
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