

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001843.D
 Acq On : 06 Jul 2015 19:09
 Operator : TP/UM
 Sample : G2861-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L0DL

Manual Integrations
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apatel
 7/8/2015 4:23:00 PM

Quant Time: Jul 07 06:31:01 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	30139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	104133	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	59355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	132313	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	159470	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	161341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4650	7.36	ng/uL	0.00
5) Phenol-d5	6.83	99	88790	38.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	51245	39.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	74146	40.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	70418	37.90	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32159	44.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	37828	47.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	71438	42.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	86021	50.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	206654	46.95	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	224671	38.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	25229	31.07	ng/ul	0.00
57) Fluorene-d10	15.31	176	159512	39.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19899	24.62	ng/ul	0.00
70) Anthracene-d10	17.16	188	269832	43.78	ng/ul	0.00
78) Pyrene-d10	19.46	212	260339	38.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	260033	36.56	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.77	163	70917	14.74	ng/ul	98
69) Phenanthrene	17.10	178	37933	5.29	ng/ul	99
71) Anthracene	17.19	178	13037m	1.77	ng/ul	
76) Fluoranthene	19.12	202	94805	11.05	ng/ul	99
79) Pyrene	19.49	202	91566	10.35	ng/ul	99
82) Benzo(a)anthracene	21.24	228	90035	9.66	ng/ul	95
84) Chrysene	21.29	228	81481	9.23	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	159801	17.01	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	29165m	3.21	ng/ul	
90) Benzo(a)pyrene	23.37	252	113704	12.44	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	86449	7.98	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.71	278	22734	2.49	ng/ul#	87
93) Benzo(g,h,i)perylene	26.40	276	80291	8.81	ng/ul	97

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

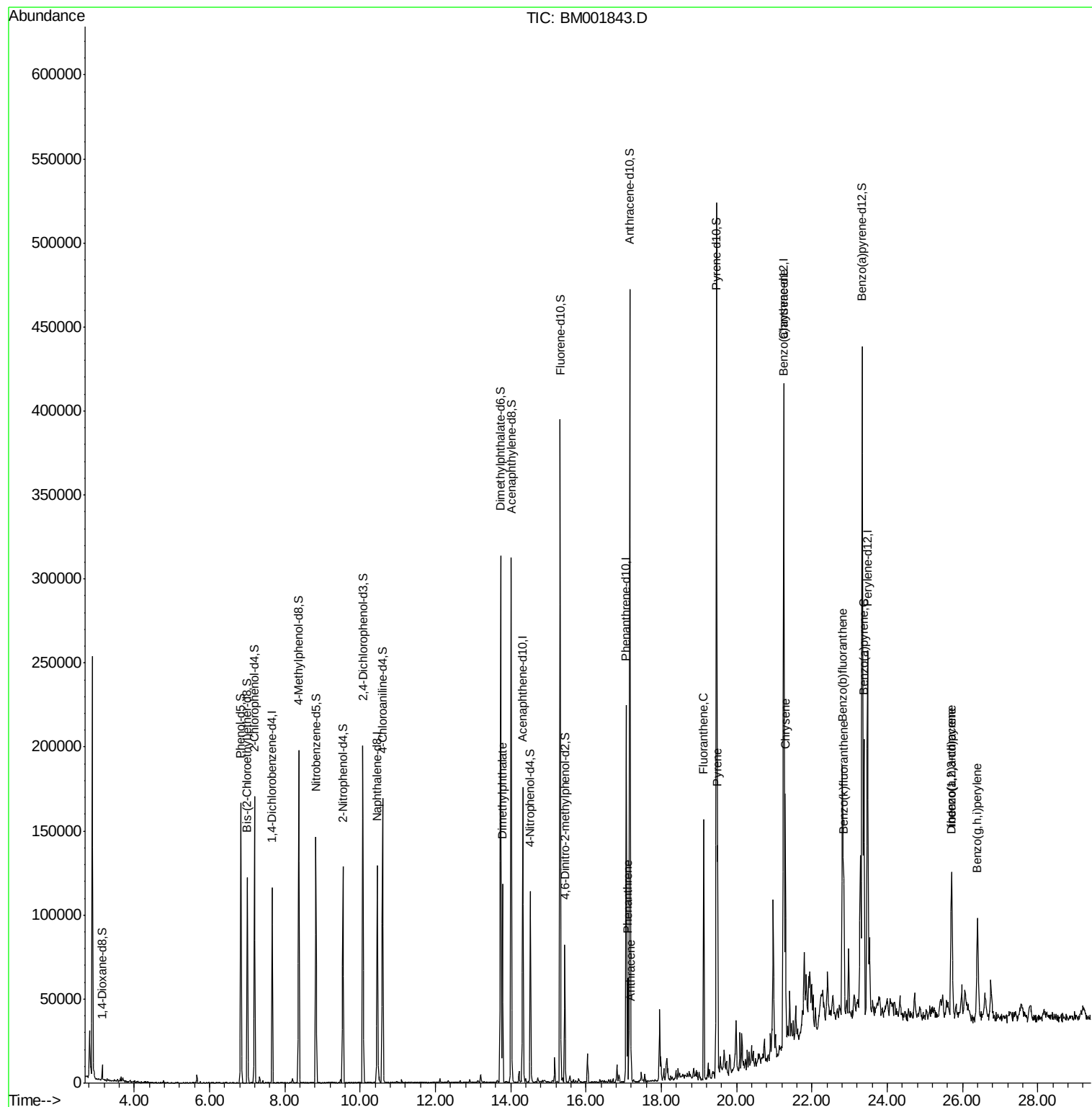
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001843.D
Acq On : 06 Jul 2015 19:09
Operator : TP/UM
Sample : G2861-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

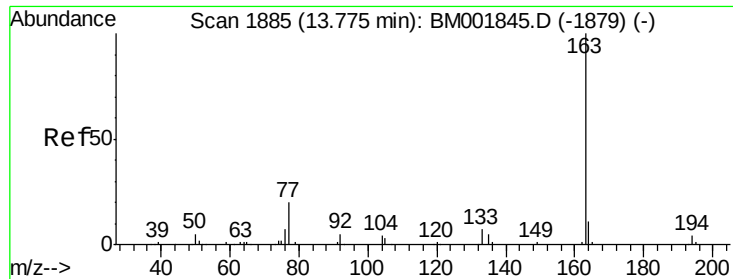
Instrument :
BNA_M
ClientSampleId :
G93L0DL

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Quant Time: Jul 07 06:31:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





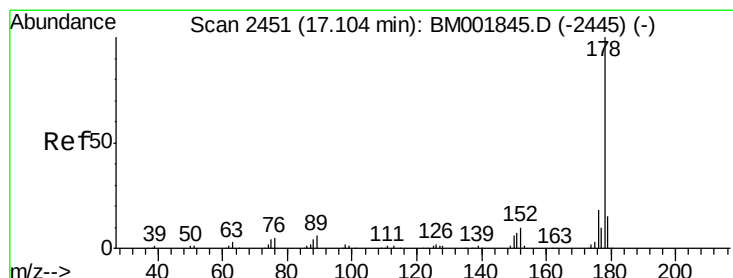
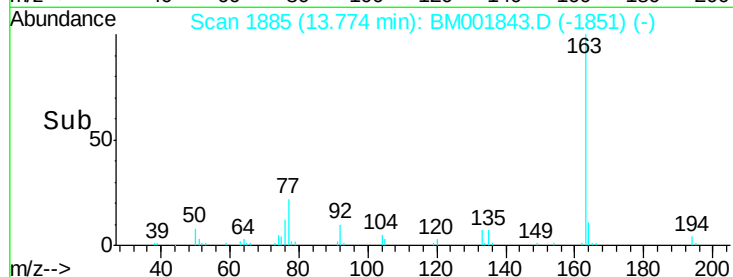
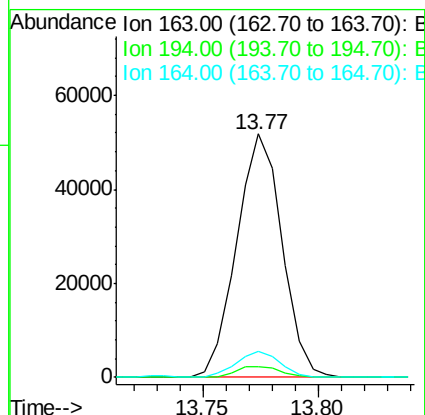
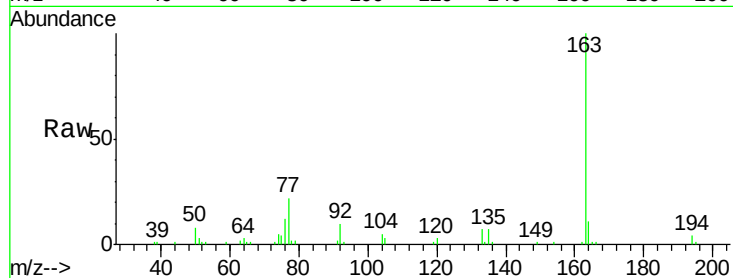
#44
Dimethylphthalate
Concen: 14.74 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Instrument :
BNA_M
ClientSampleId :
G93L0DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.8	8.0	12.0

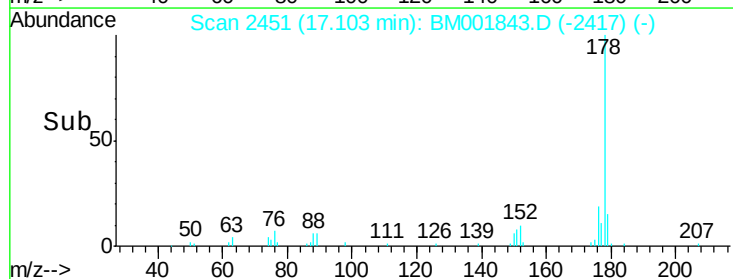
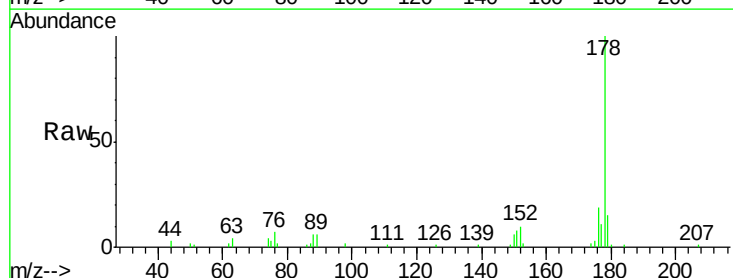
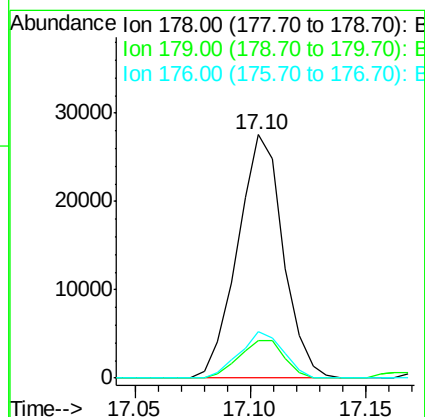
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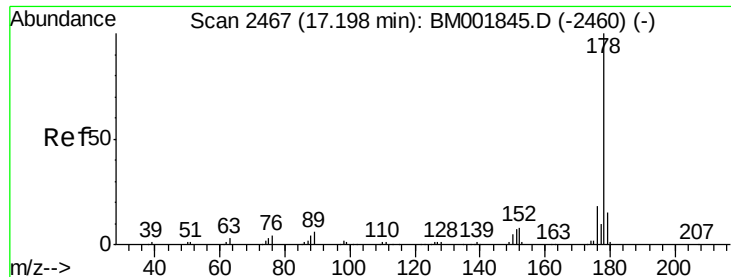
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#69
Phenanthrene
Concen: 5.29 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.9	15.2	22.8





#71

Anthracene

Concen: 1.77 ng/ul m

RT: 17.19 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

Tgt Ion:178 Resp: 13037

Ion Ratio Lower Upper

178 100

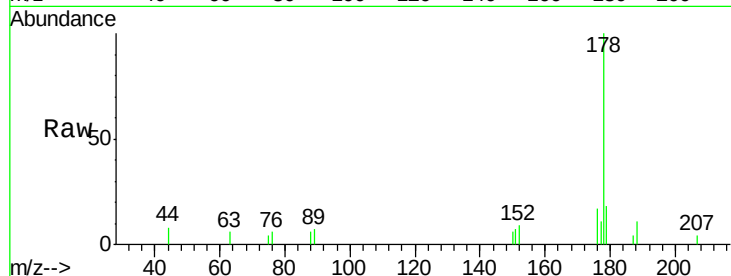
179 18.5 11.8 17.8#

176 16.9 14.4 21.6

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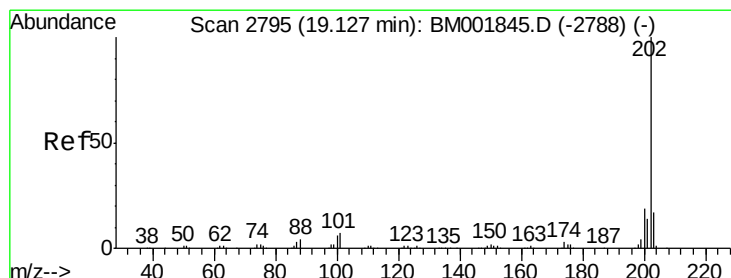
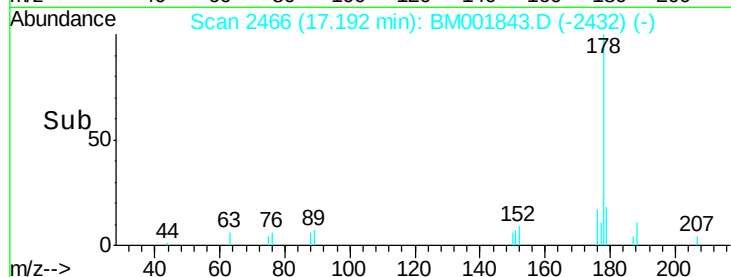
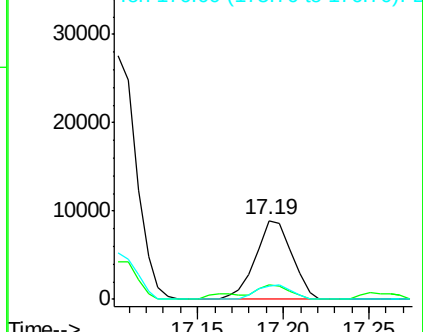
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 11.05 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

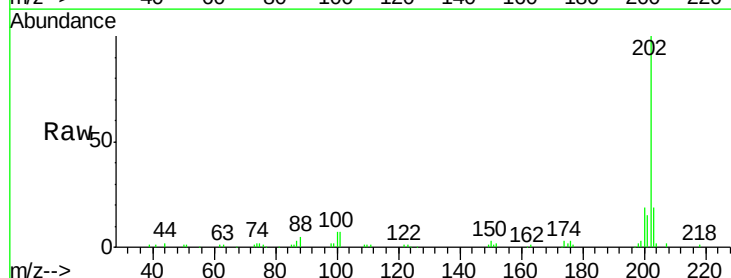
Tgt Ion:202 Resp: 94805

Ion Ratio Lower Upper

202 100

101 7.4 6.1 9.1

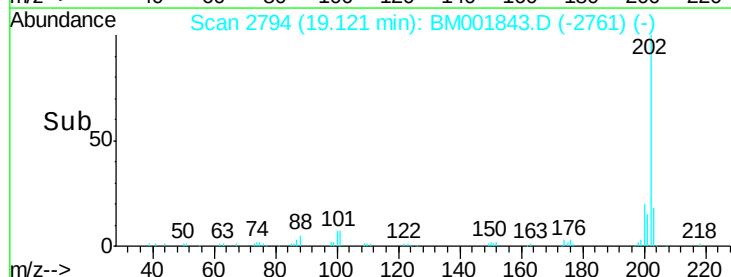
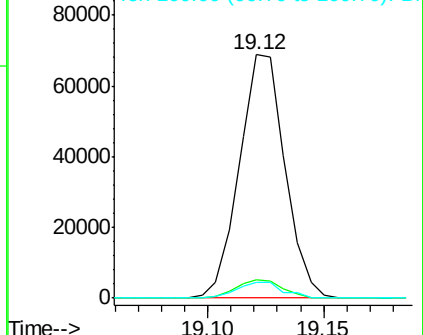
100 6.6 4.8 7.2

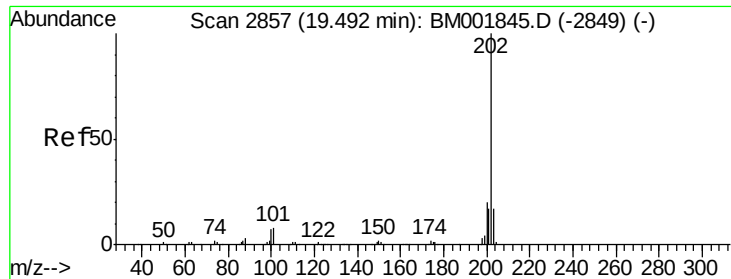


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





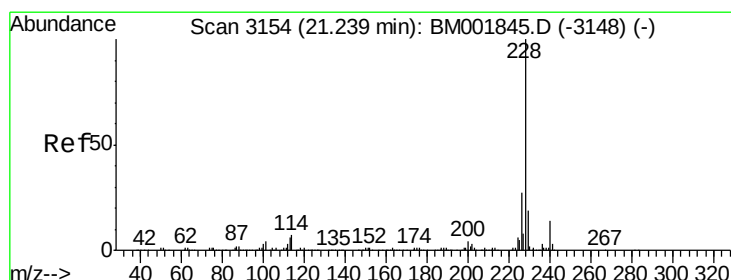
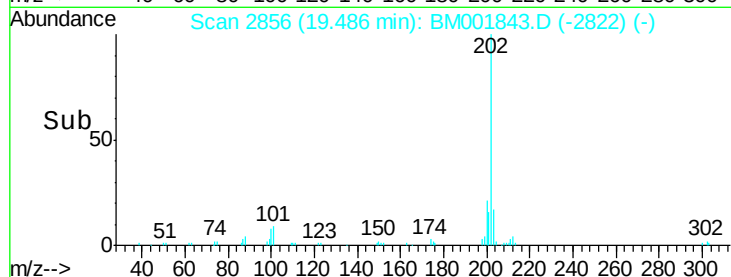
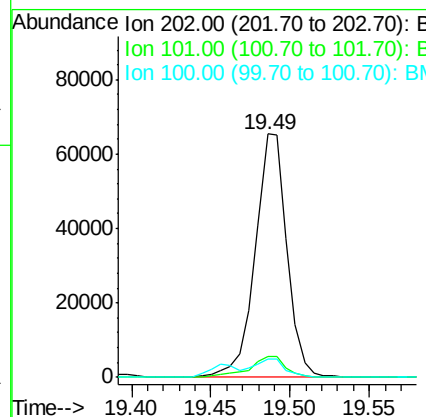
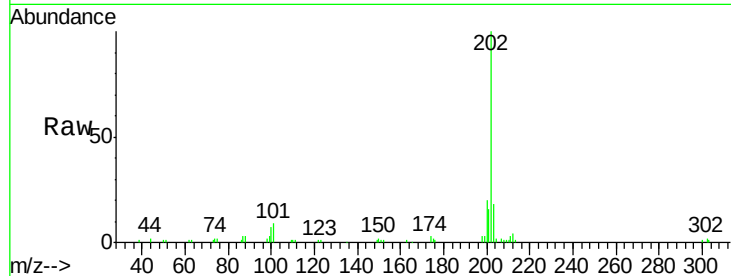
#79
 Pyrene
 Concen: 10.35 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001843.D
 Acq: 06 Jul 2015 19:09

Instrument :
 BNA_M
 ClientSampleId :
 G93L0DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.5	6.9	10.3
100	7.3	6.2	9.2

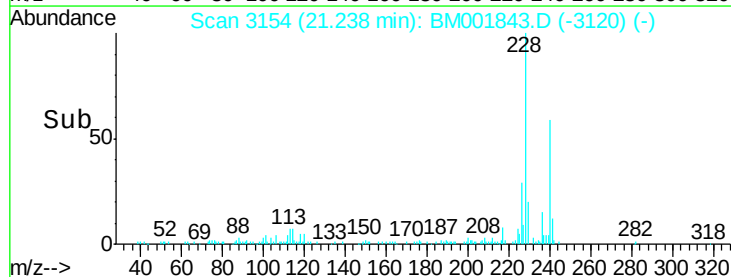
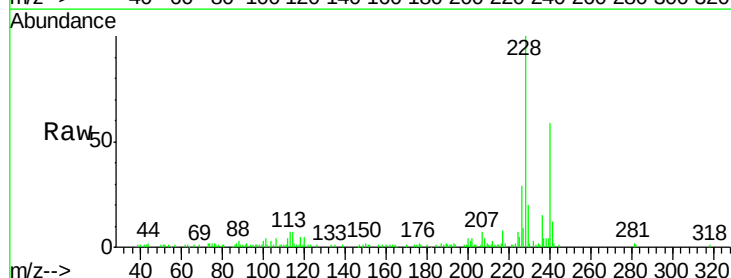
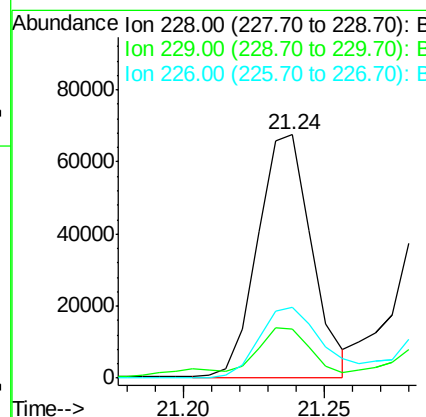
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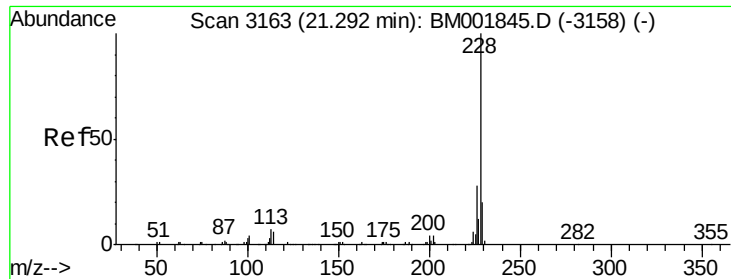
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#82
 Benzo(a)anthracene
 Concen: 9.66 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BM001843.D
 Acq: 06 Jul 2015 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.4	23.0
226	29.1	20.6	30.8





#84

Chrysene

Concen: 9.23 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

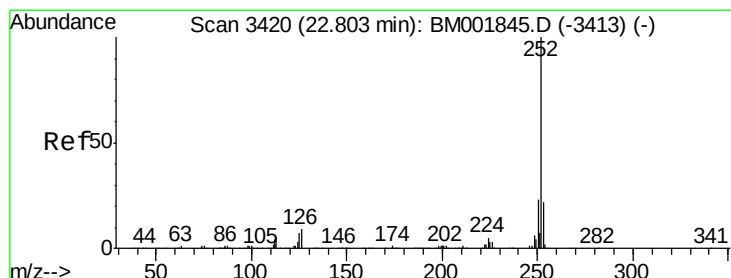
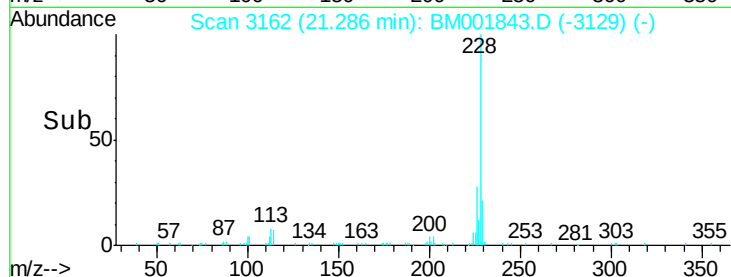
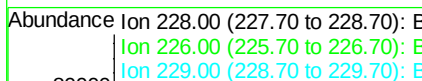
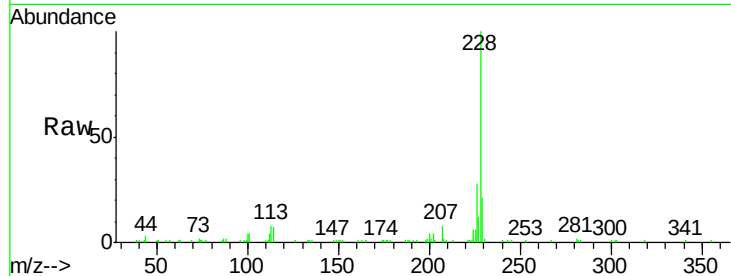
ClientSampleId :

G93L0DL

Tgt Ion:	228	Resp:	81481
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.0	34.4
229	21.0	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 17.01 ng/ul

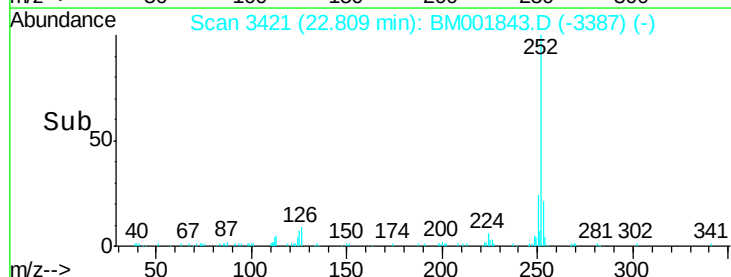
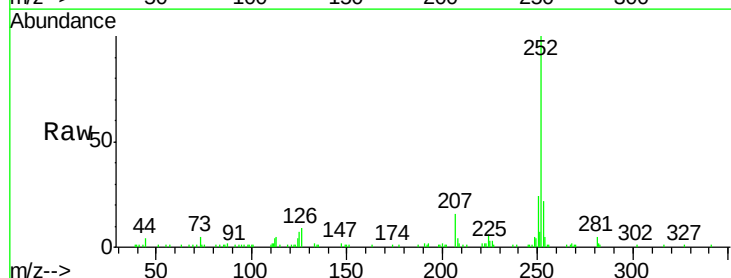
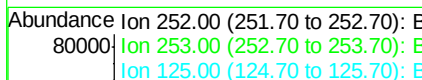
RT: 22.81 min Scan# 3421

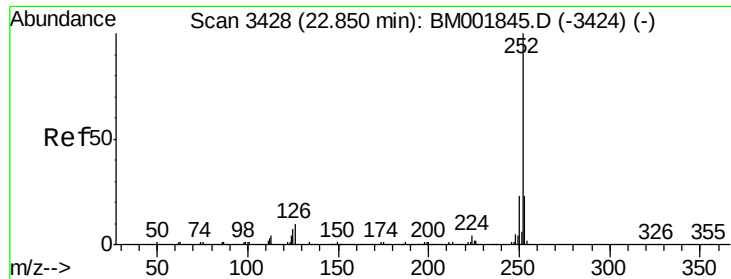
Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Tgt Ion:	252	Resp:	159801
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	7.0	5.3	7.9





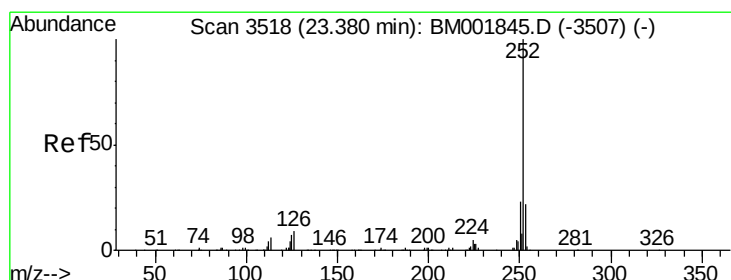
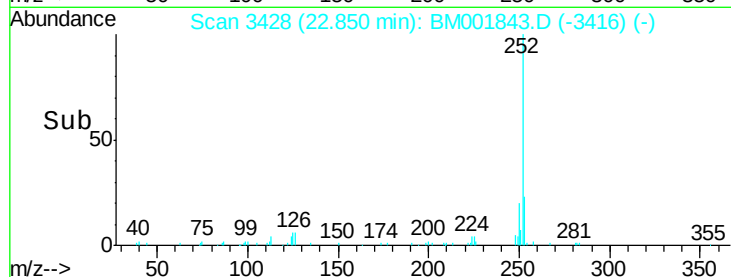
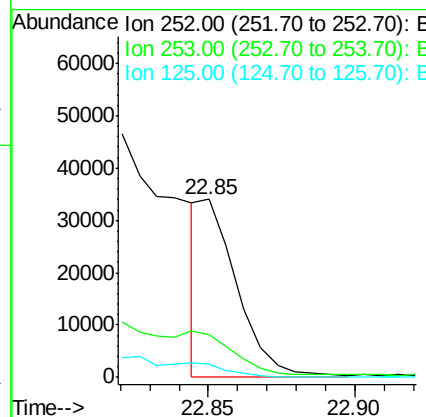
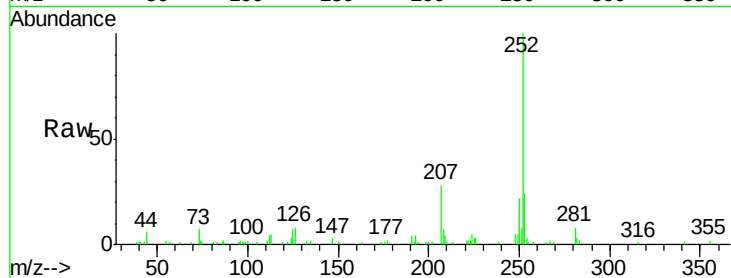
#88
Benzo(k)fluoranthene
Concen: 3.21 ng/ul m
RT: 22.85 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Instrument :
BNA_M
ClientSampleId :
G93L0DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	7.4	5.3	7.9

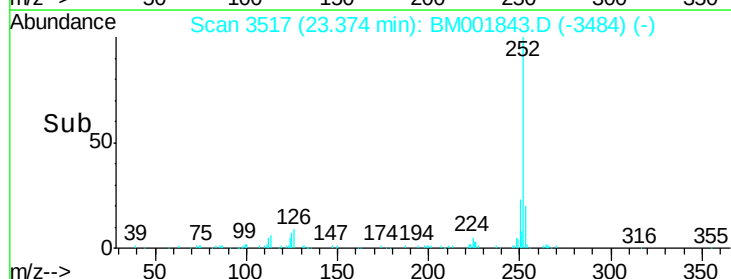
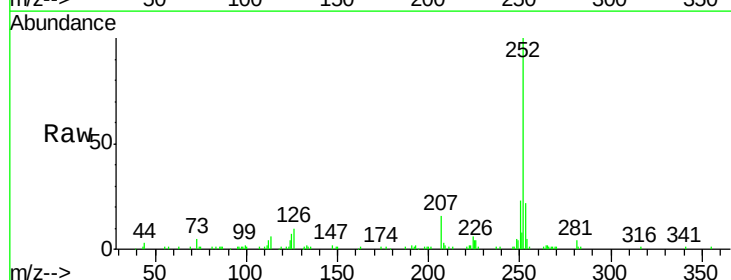
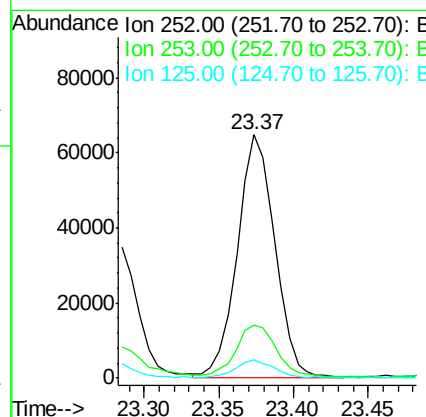
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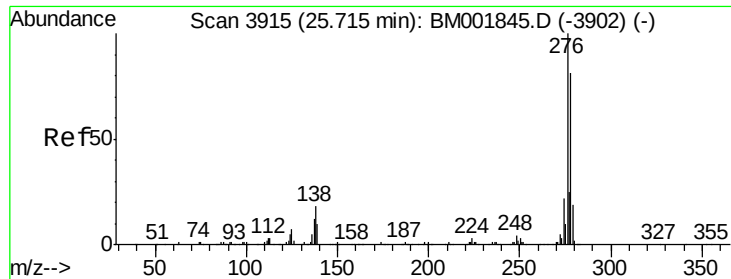
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#90
Benzo(a)pyrene
Concen: 12.44 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	7.3	6.0	9.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 7.98 ng/ul

RT: 25.71 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

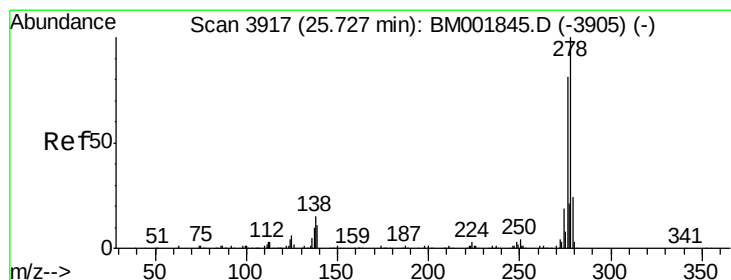
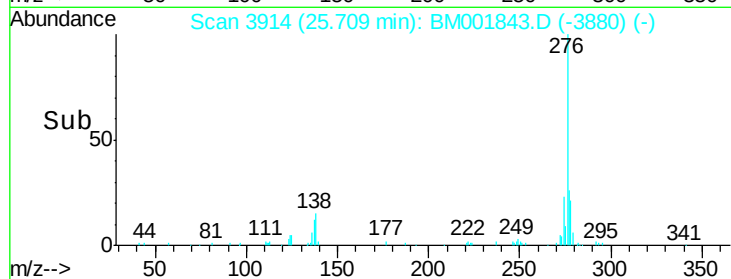
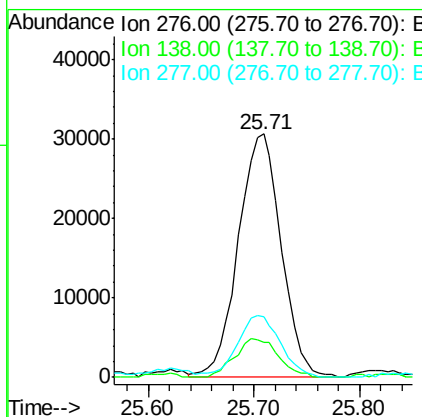
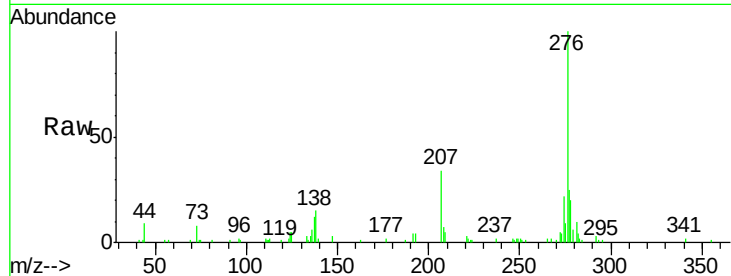
ClientSampleId :

G93L0DL

Tgt Ion:	276	Resp:	86449
Ion Ratio	Lower	Upper	
276	100		
138	14.5	14.7	22.1#
277	24.8	19.7	29.5

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#92

Dibenzo(a,h)anthracene

Concen: 2.49 ng/ul

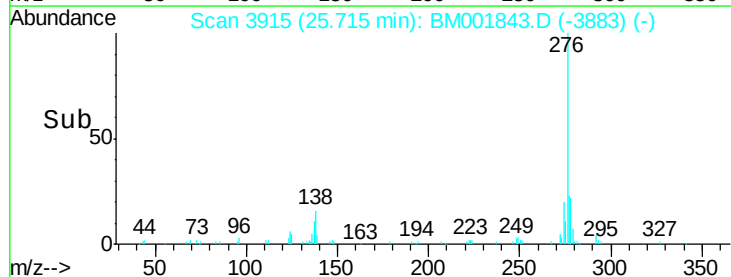
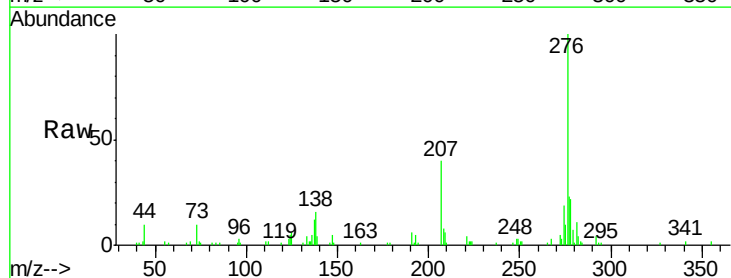
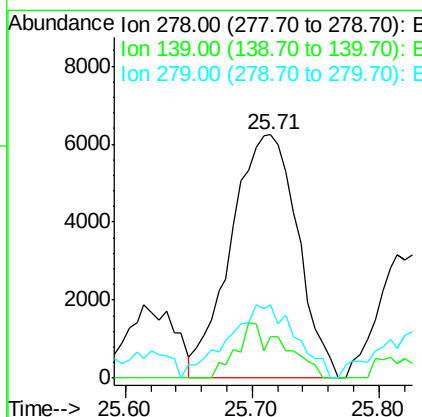
RT: 25.71 min Scan# 3915

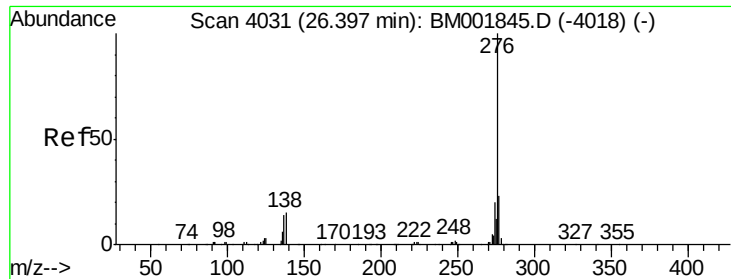
Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Tgt Ion:	278	Resp:	22734
Ion Ratio	Lower	Upper	
278	100		
139	17.3	9.2	13.8#
279	30.1	19.1	28.7#





#93
 Benzo(g,h,i)perylene
 Concen: 8.81 ng/ul
 RT: 26.40 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM001843.D
 Acq: 06 Jul 2015 19:09

Instrument :
 BNA_M
 ClientSampleId :
 G93L0DL

Tgt Ion:	276	Resp:	80291
Ion Ratio	Lower	Upper	
276	100		
138	17.5	12.6	19.0
277	24.6	18.7	28.1

Manual Integrations
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