

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022013.D
 Acq On : 22 May 2016 15:22
 Operator : UM/SJ
 Sample : H3204-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH1

Manual Integrations
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Quant Time: May 24 09:12:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34850	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	184342	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	101936	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	202250	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	188181	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	177495	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	1863	2.45	ng/uL	0.00
3) Phenol-d5	7.31	99	79888	25.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	43504	26.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	71436	28.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	65558	23.92	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	35605	27.53	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	36123	26.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	64675	26.52	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	65812m	34.26	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	213432	27.15	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	296073	29.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19720m	14.26	ng/ul	0.00
21) Fluorene-d10	15.77	176	194622	27.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.88	200	19573	19.50	ng/ul	-0.01
26) Anthracene-d10	17.62	188	284154m	30.49	ng/ul	0.00
30) Pyrene-d10	19.90	212	303345	30.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	244798	31.05	ng/ul	-0.01

Target Compounds

						Qvalue
11) Naphthalene	11.03	128	11610	1.29	ng/ul	96
13) 2-Methylnaphthalene	12.62	142	6923	1.07	ng/ul	95
25) Phenanthrene	17.57	178	37993	3.51	ng/ul	98
28) Fluoranthene	19.57	202	69517	6.19	ng/ul#	95
31) Pyrene	19.93	202	59985m	4.63	ng/ul	
32) Benzo(a)anthracene	21.79	228	34276	3.28	ng/ul	94
33) Chrysene	21.85	228	38906	3.83	ng/ul#	93
35) Benzo(b)fluoranthene	24.09	252	55661	5.46	ng/ul#	93
36) Benzo(k)fluoranthene	24.14	252	20919m	2.08	ng/ul	
38) Benzo(a)pyrene	24.98	252	34870	3.57	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	26420m	2.38	ng/ul	
40) Dibenzo(a,h)anthracene	28.99	278	9726m	1.06	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	22066m	2.35	ng/ul	

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

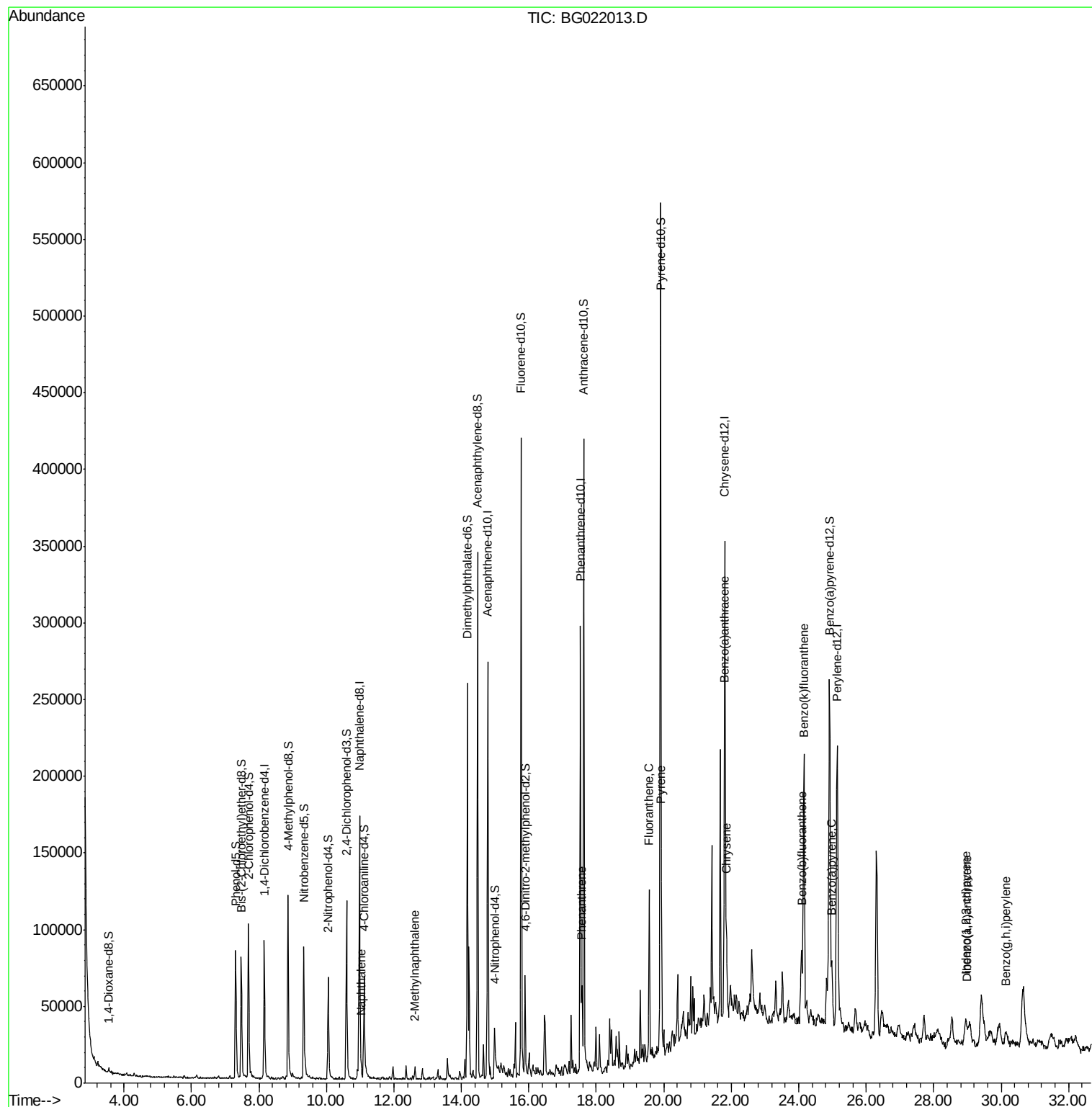
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
Data File : BG022013.D
Acq On : 22 May 2016 15:22
Operator : UM/SJ
Sample : H3204-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

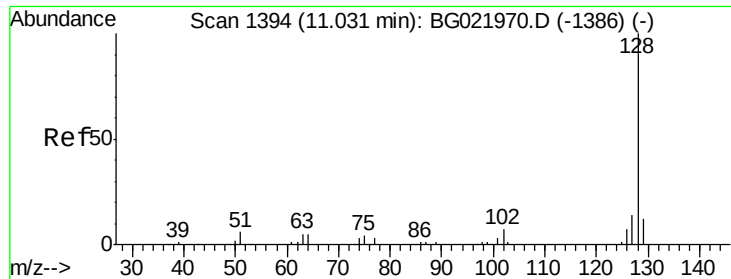
Instrument :
BNA_G
ClientSampleId :
D9XH1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





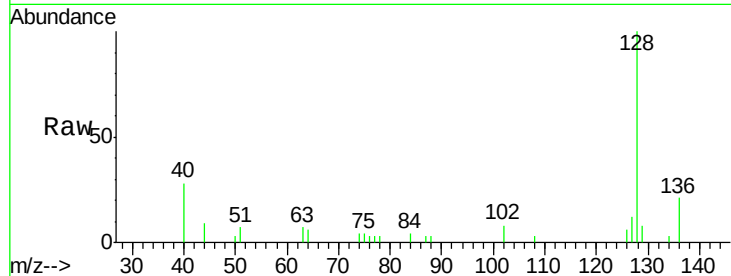
#11
Naphthalene
Concen: 1.29 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Instrument :
BNA_G
ClientSampleId :
D9XH1

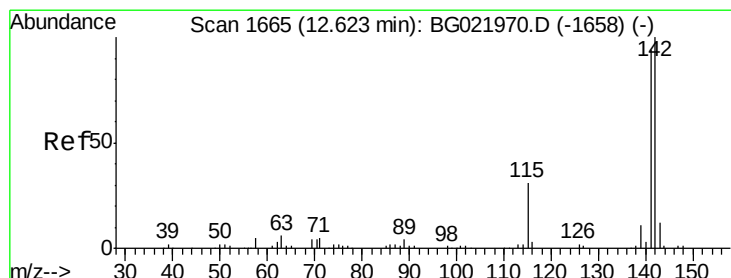
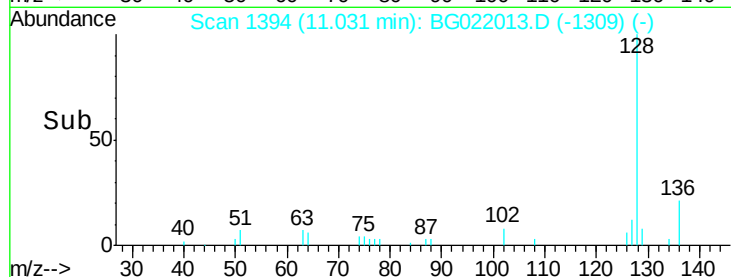
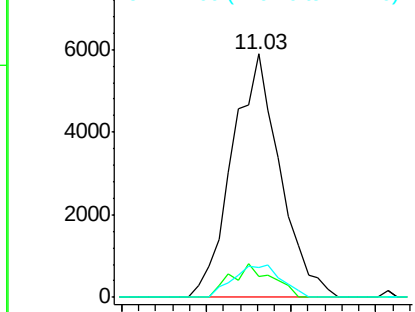
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	11610		
129	8.3	8.3	12.5	
127	12.2	10.8	16.2	

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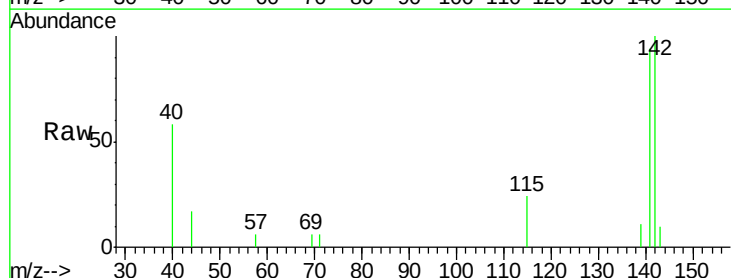


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

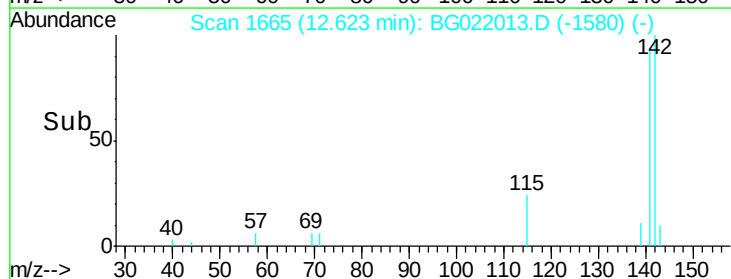
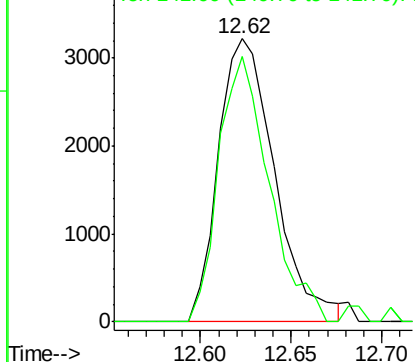


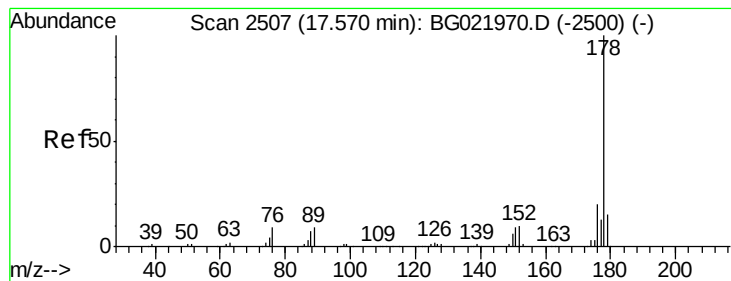
#13
2-Methylnaphthalene
Concen: 1.07 ng/ul
RT: 12.62 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	6923		
141	94.0	71.3	106.9	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#25

Phenanthrene

Concen: 3.51 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BG022013.D

Acq: 22 May 2016 15:22

Instrument :

BNA_G

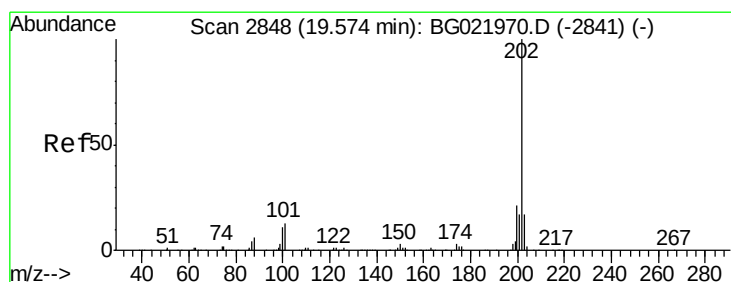
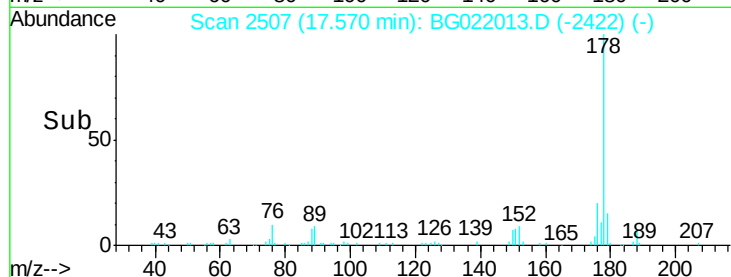
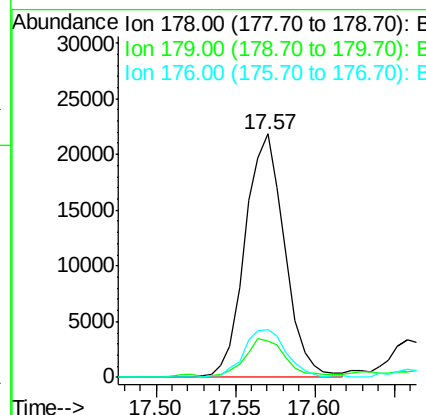
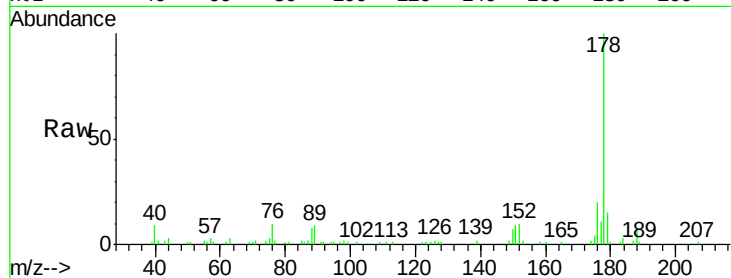
ClientSampleId :

D9XH1

Tgt Ion:	178	Resp:	37993
Ion Ratio	Lower	Upper	
178	100		
179	14.7	11.8	17.8
176	19.7	14.8	22.2

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#28

Fluoranthene

Concen: 6.19 ng/ul

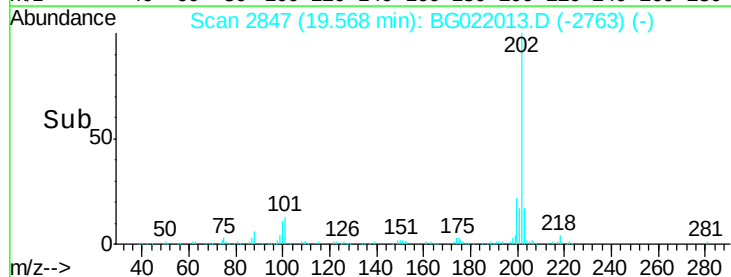
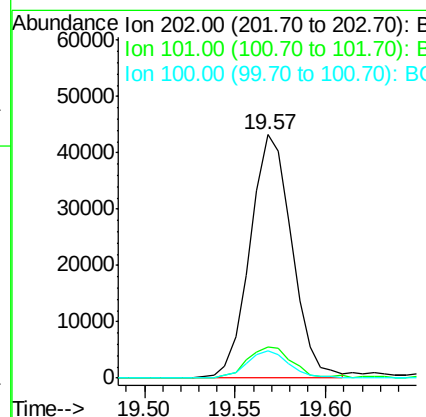
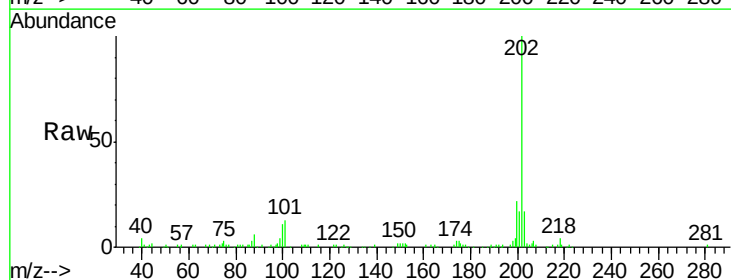
RT: 19.57 min Scan# 2847

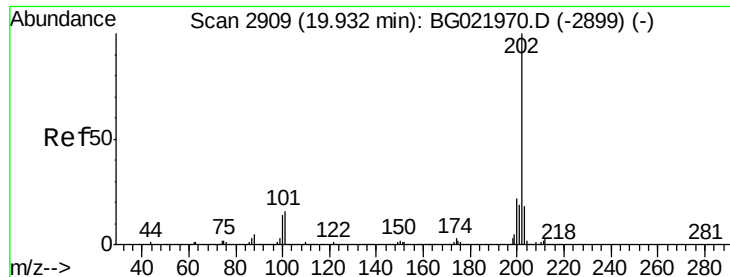
Delta R.T. -0.01 min

Lab File: BG022013.D

Acq: 22 May 2016 15:22

Tgt Ion:	202	Resp:	69517
Ion Ratio	Lower	Upper	
202	100		
101	12.7	8.9	13.3
100	11.1	7.0	10.4#





#31

Pyrene

Concen: 4.63 ng/ul m

RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BG022013.D

Acq: 22 May 2016 15:22

Instrument :

BNA_G

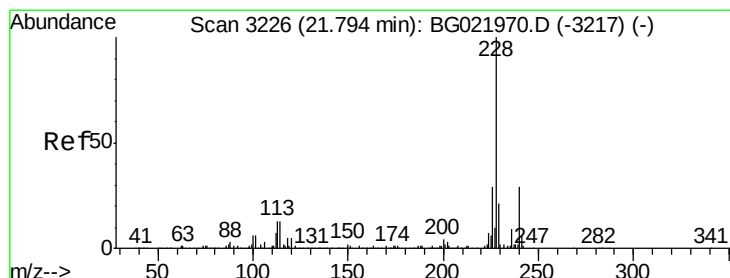
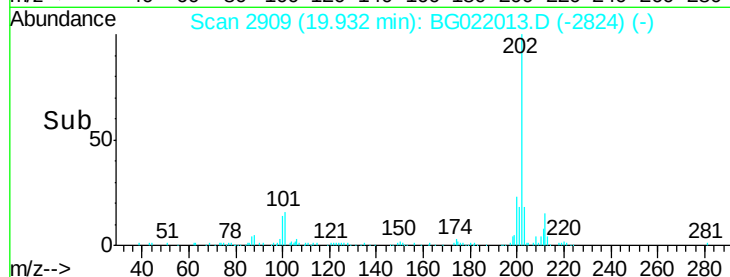
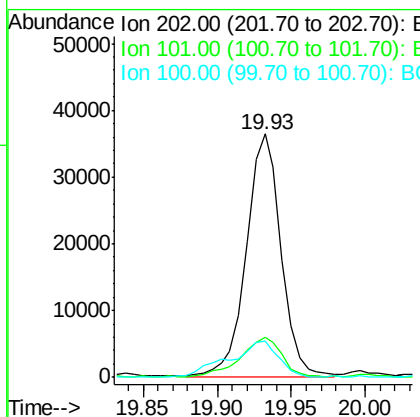
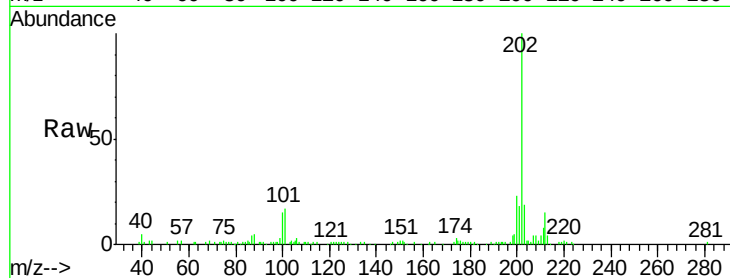
ClientSampled :

D9XH1

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		59985		
101	16.5	9.8	14.8#		
100	14.8	9.3	13.9#		

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#32

Benzo(a)anthracene

Concen: 3.28 ng/ul

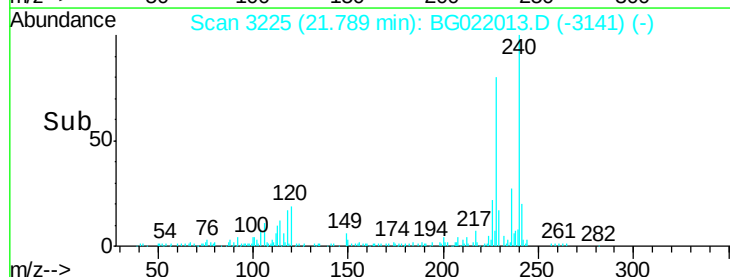
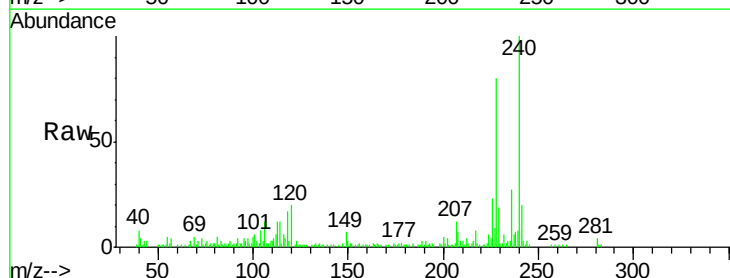
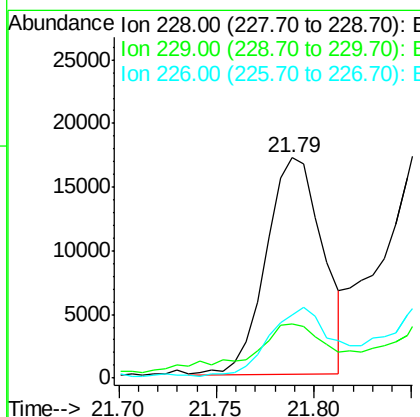
RT: 21.79 min Scan# 3225

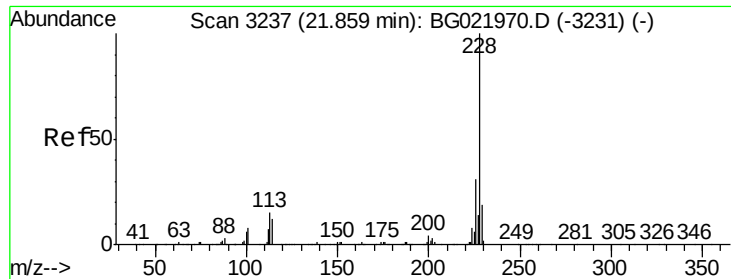
Delta R.T. -0.01 min

Lab File: BG022013.D

Acq: 22 May 2016 15:22

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		34276		
229	24.4	16.6	25.0		
226	29.0	21.0	31.4		





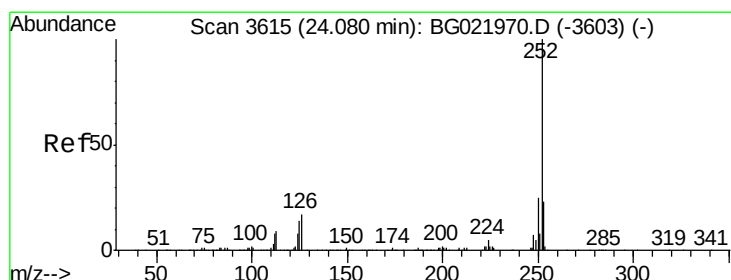
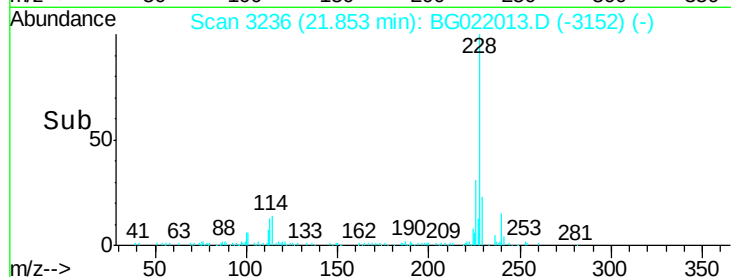
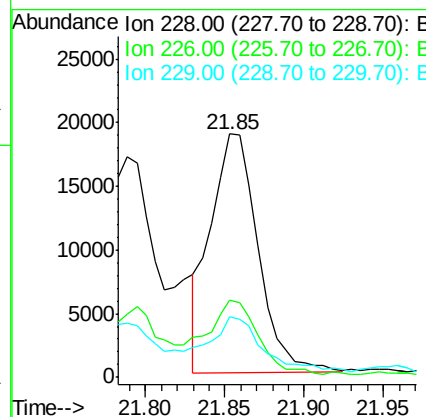
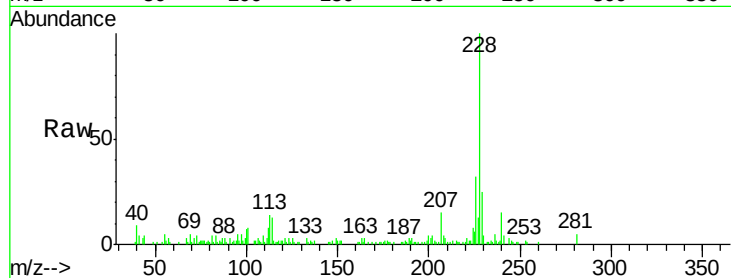
#33
Chrysene
Concen: 3.83 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Instrument :
BNA_G
ClientSampleId :
D9XH1

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	23.4	35.2
229	24.9	16.2	24.2#

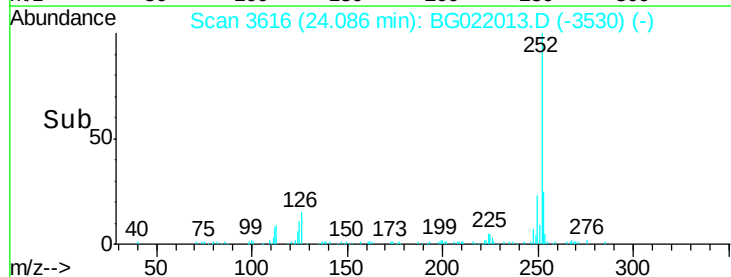
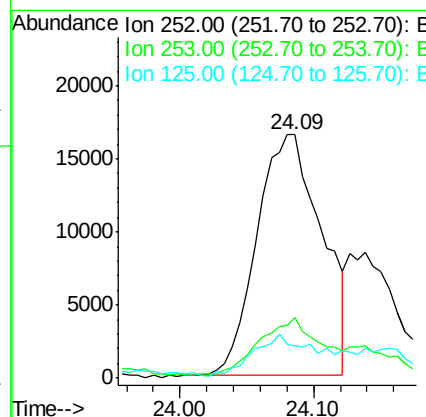
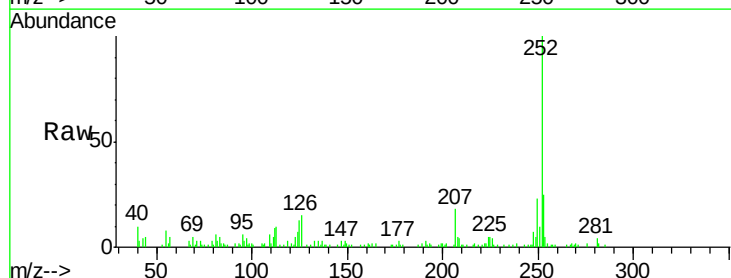
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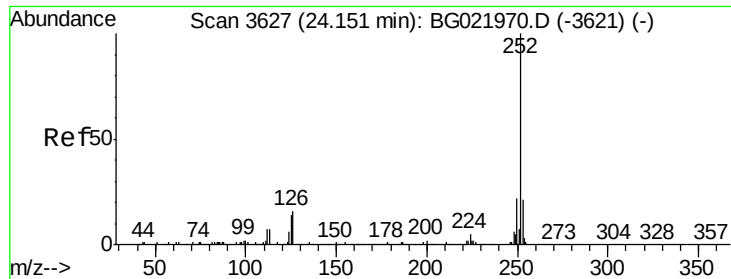
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#35
Benzo(b)fluoranthene
Concen: 5.46 ng/ul
RT: 24.09 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	18.1	27.1
125	13.5	7.6	11.4#





#36

Benzo(k)fluoranthene

Concen: 2.08 ng/ul m

RT: 24.14 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BG022013.D

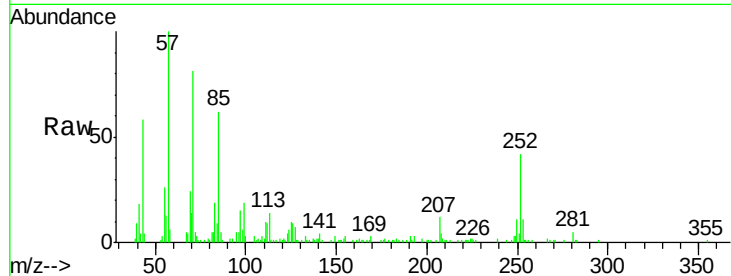
Acq: 22 May 2016 15:22

Instrument :

BNA_G

ClientSampleId :

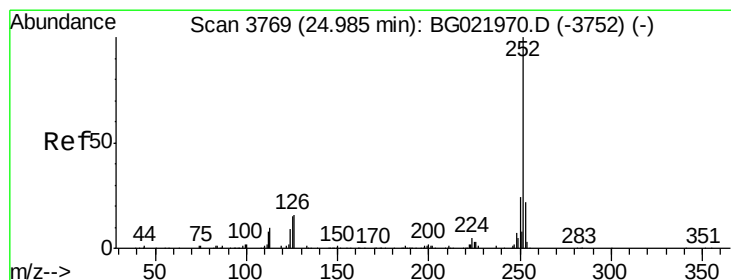
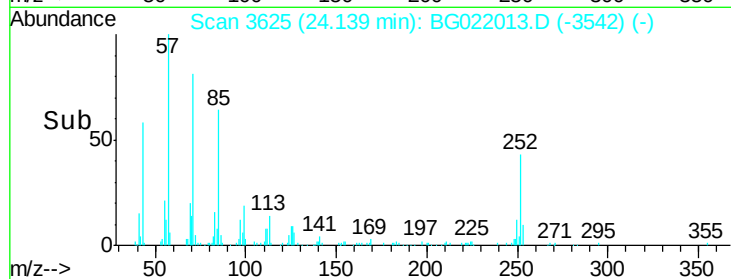
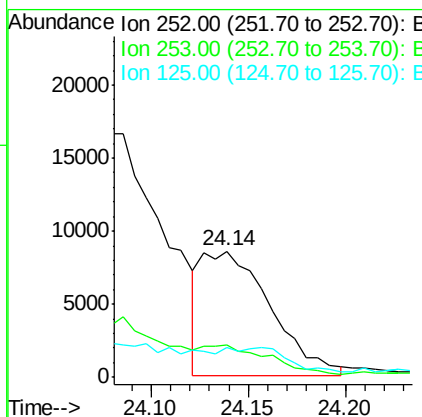
D9XH1



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.8
125	23.3	7.7	11.5#

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#38

Benzo(a)pyrene

Concen: 3.57 ng/ul

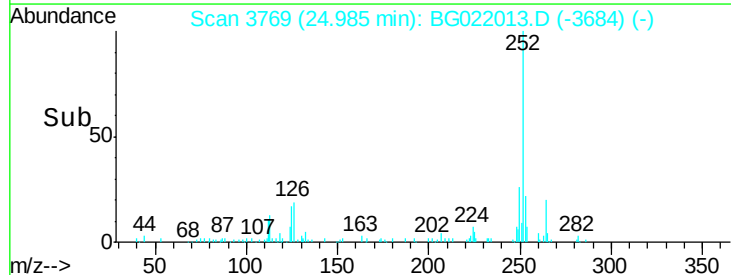
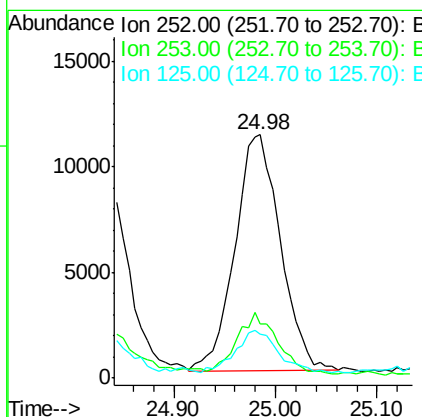
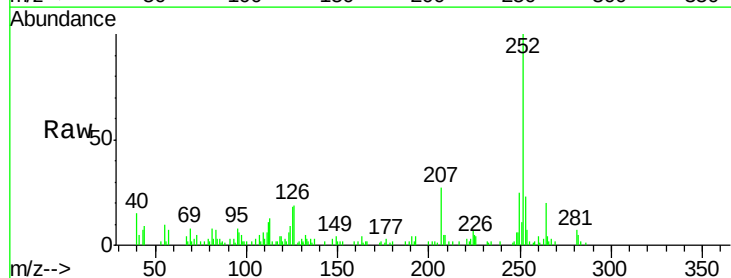
RT: 24.98 min Scan# 3769

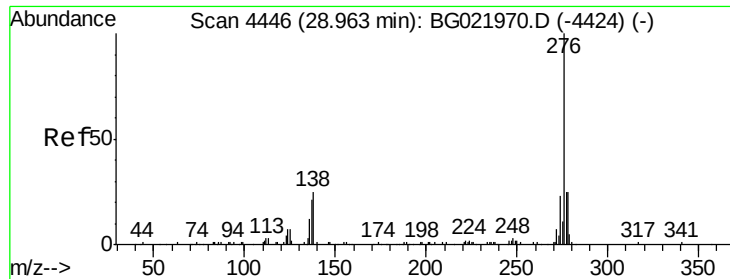
Delta R.T. 0.00 min

Lab File: BG022013.D

Acq: 22 May 2016 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	18.2	8.2	12.2#





#39

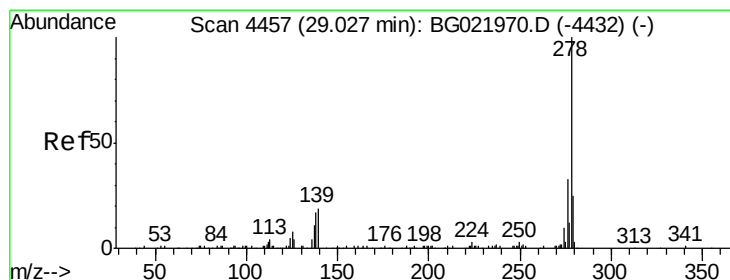
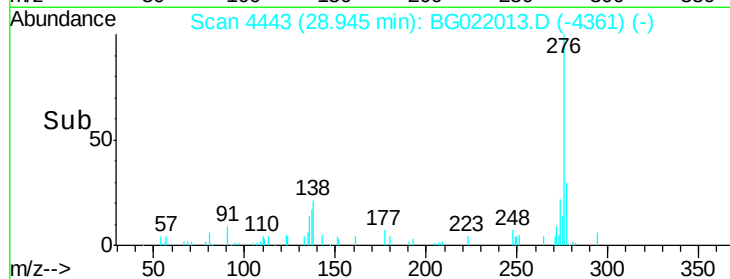
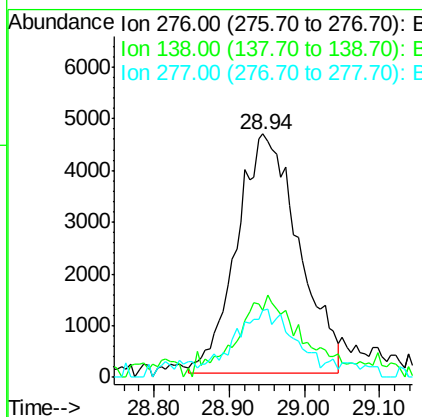
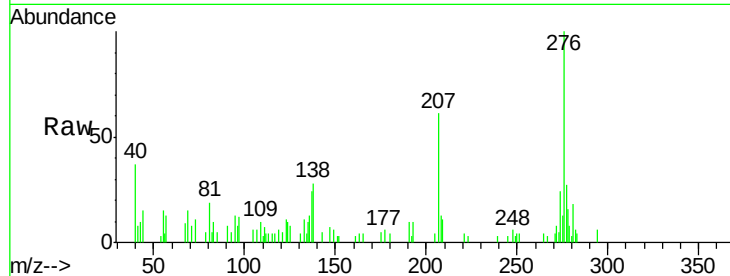
Indeno(1,2,3-cd)pyrene
Concen: 2.38 ng/ul m
RT: 28.94 min Scan# 4443
Delta R.T. -0.02 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Instrument :
BNA_G
ClientSampleId :
D9XH1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	15.8	23.6#
277	27.4	19.0	28.6

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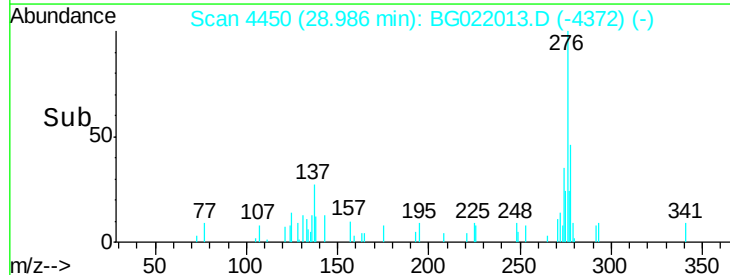
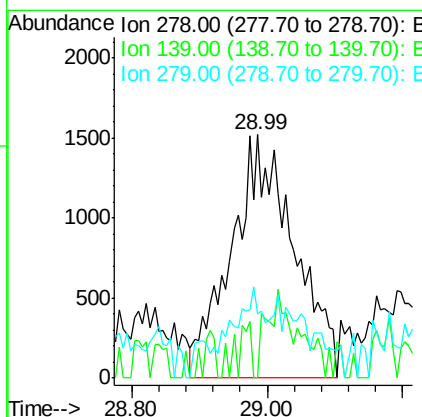
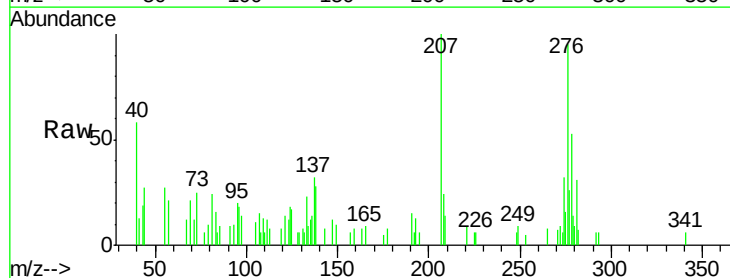
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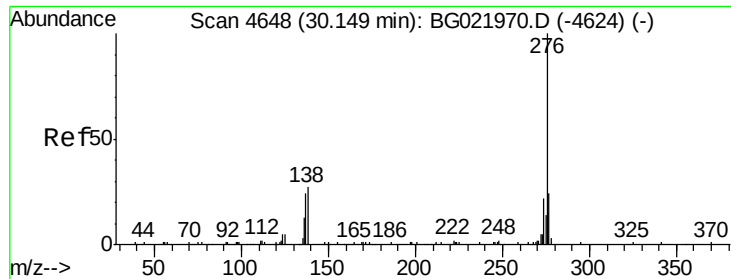


#40

Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul m
RT: 28.99 min Scan# 4450
Delta R.T. -0.04 min
Lab File: BG022013.D
Acq: 22 May 2016 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	26.3	19.8	29.8





#41
 Benzo(g,h,i)perylene
 Concen: 2.35 ng/ul m
 RT: 30.15 min Scan# 4648
 Delta R.T. 0.00 min
 Lab File: BG022013.D
 Acq: 22 May 2016 15:22

Instrument :
 BNA_G
 ClientSampleId :
 D9XH1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	13.9	20.9#
277	32.2	19.8	29.6#

Manual Integrations
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