

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022888.D
 Acq On : 02 Oct 2019 12:15
 Operator : JU
 Sample : K4932-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDE9

Manual Integrations
 APPROVED

mohammad
 10/3/2019 5:42:25 PM

Quant Time: Oct 03 01:31:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	239542	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1062158	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	626031	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1067079	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	788394	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	916451	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21723	3.92	ng/uL	0.00
5) Phenol-d5	6.97	99	144901	6.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	285842	24.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	359533	21.09	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	253159	14.61	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	210515	25.68	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	223107	24.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	425447	23.87	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	424540	19.61	ng/ul	-0.01
44) Dimethylphthalate-d6	13.84	166	1303160	26.82	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1474602	26.29	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	57258	5.96	ng/ul	0.00
58) Fluorene-d10	15.43	176	1067266	25.77	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	149723	21.56	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1517616	29.12	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1416698	33.39	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1410945	29.76	ng/ul	-0.02

Target Compounds

					Qvalue
6) Phenol	6.99	94	76418	3.444	ng/ul 97
24) 2,4-Dimethylphenol	9.77	107	24895m	1.249	ng/ul
28) Naphthalene	10.64	128	473911	8.262	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	219698	5.108	ng/ul 99
45) Dimethylphthalate	13.89	163	873424	17.500	ng/ul 100

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

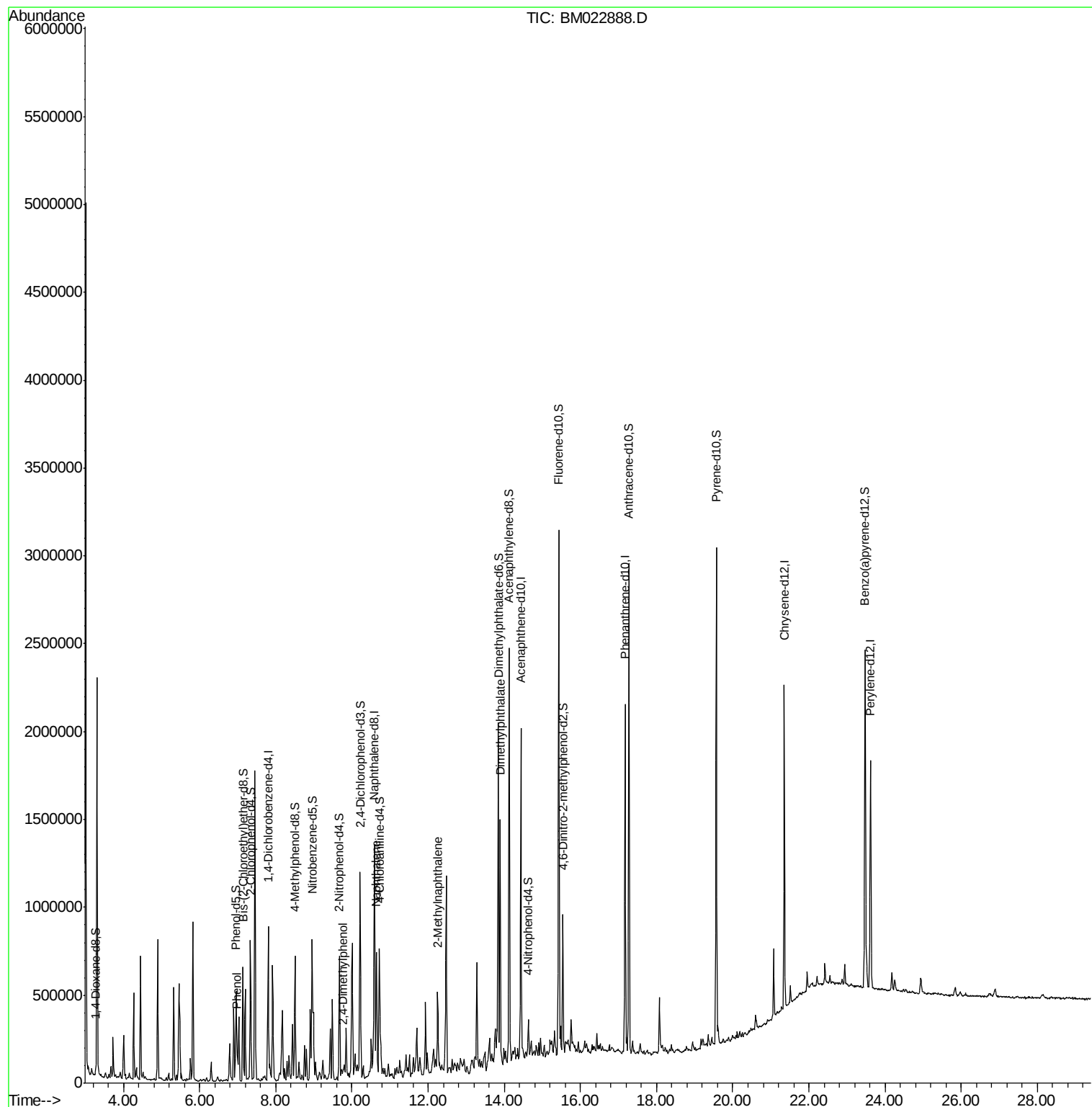
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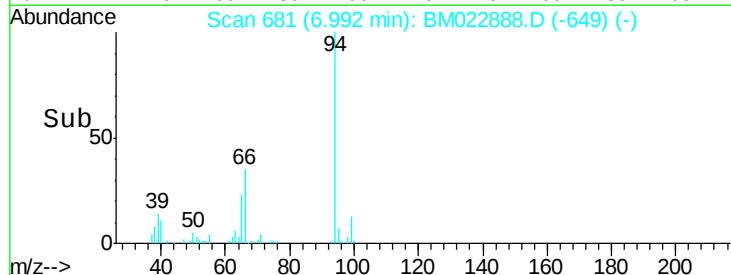
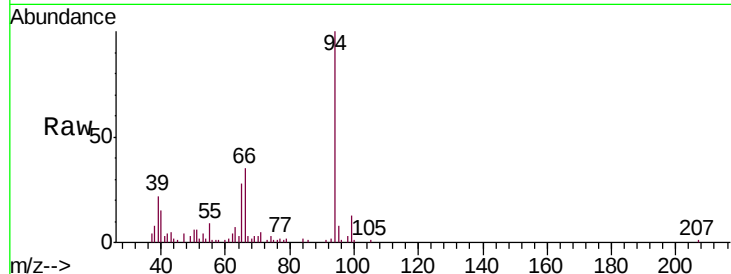
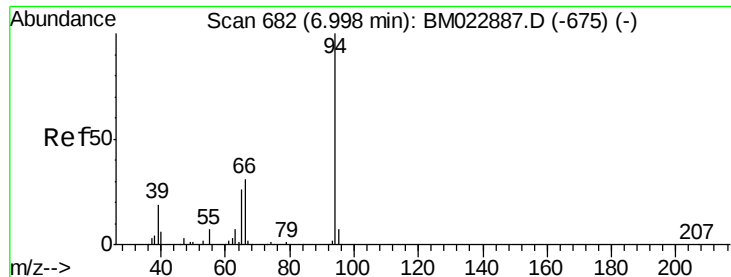
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#6

Phenol

Concen: 3.444 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

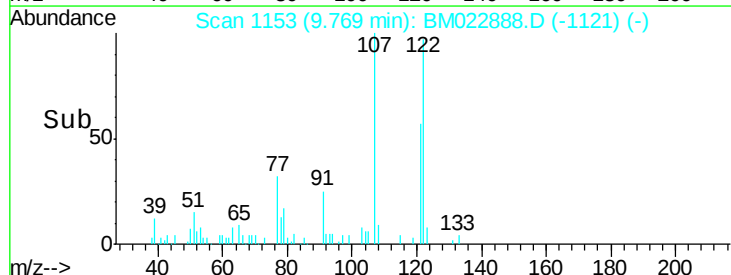
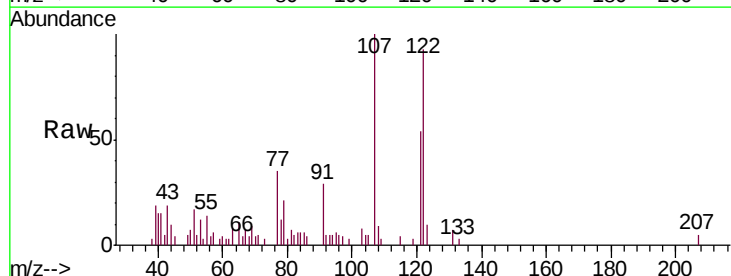
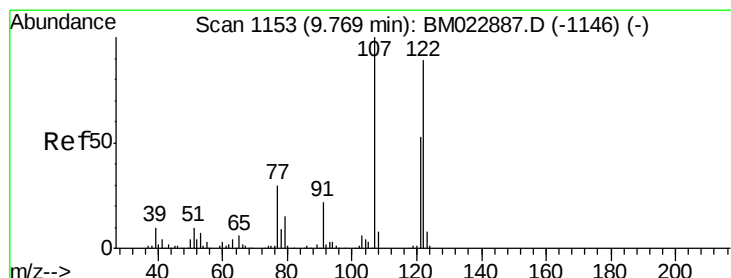
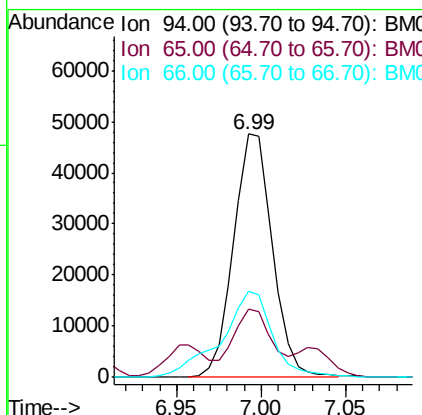
ClientSampleId :

BFDE9

Tgt Ion:	94	Resp:	76418
Ion Ratio	Lower	Upper	
94	100		
65	27.9	20.9	31.3
66	35.4	27.2	40.8

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#24

2,4-Dimethylphenol

Concen: 1.249 ng/ul m

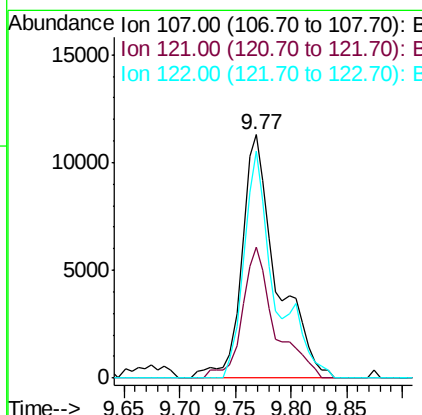
RT: 9.77 min Scan# 1153

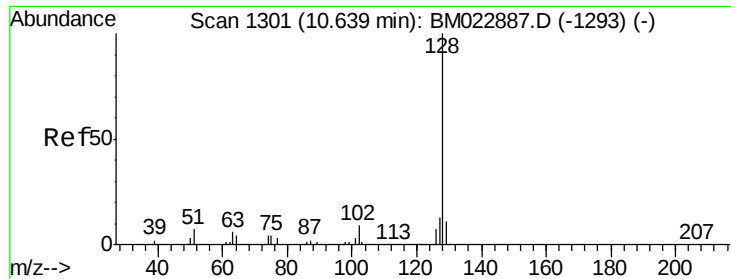
Delta R.T. -0.01 min

Lab File: BM022888.D

Acq: 02 Oct 2019 12:15

Tgt Ion:	107	Resp:	24895
Ion Ratio	Lower	Upper	
107	100		
121	53.6	43.0	64.4
122	93.2	71.4	107.0





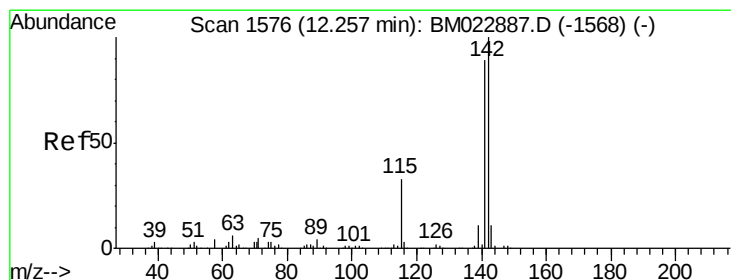
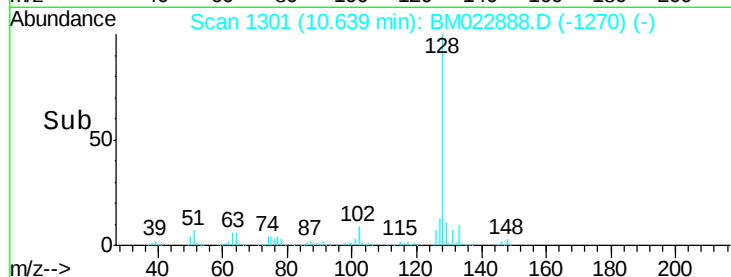
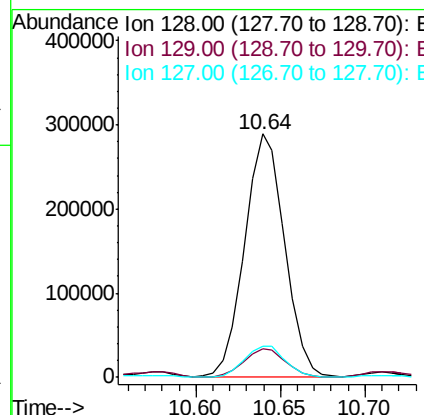
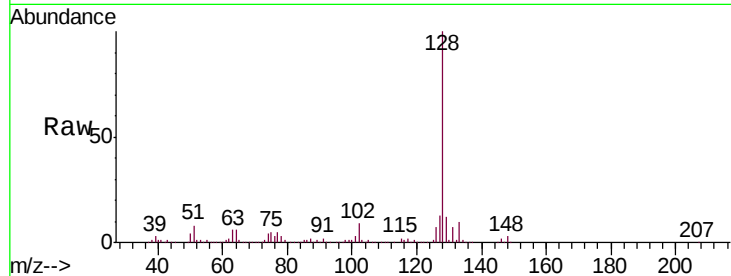
#28
Naphthalene
Concen: 8.262 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022888.D
Acq: 02 Oct 2019 12:15

Instrument :
BNA_M
ClientSampleId :
BFDE9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	12.7	10.2	15.4

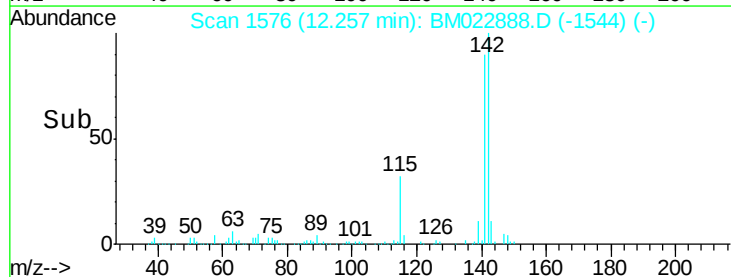
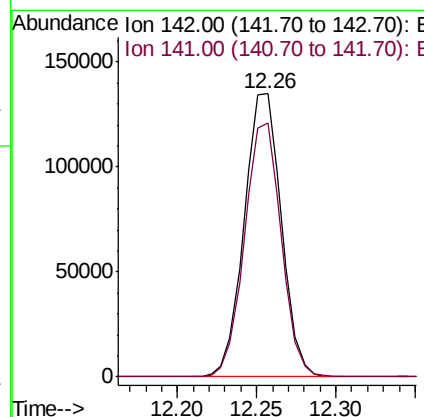
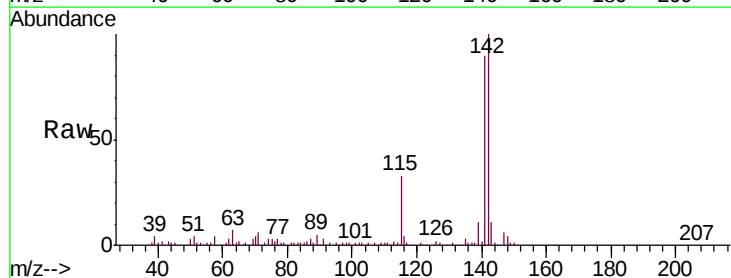
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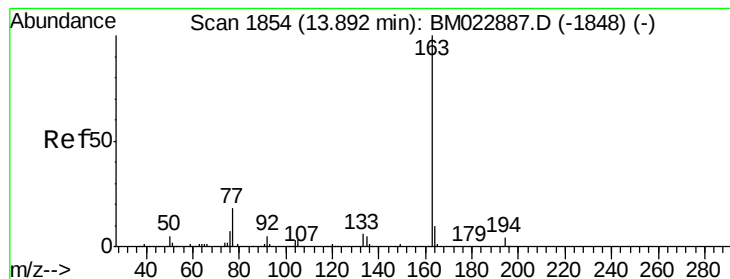
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#34
2-Methylnaphthalene
Concen: 5.108 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022888.D
Acq: 02 Oct 2019 12:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8





#45

Dimethylphthalate

Concen: 17.500 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022888.D

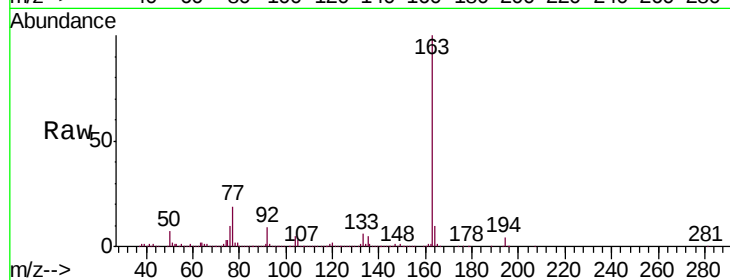
Acq: 02 Oct 2019 12:15

Instrument :

BNA_M

ClientSampleId :

BFDE9



Tgt	Ion	Ratio	Resp	Lower	Upper
163	100		873424		
194	4.1	3.4	5.0		
164	10.2	8.1	12.1		

Manual Integrations
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