

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008424.D
 Acq On : 17 Dec 2016 22:37
 Operator : UM/SJ
 Sample : H6067-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5

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Quant Time: Dec 18 05:05:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 04:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	132661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	518254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	338316	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	678519	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	866171	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	905303	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7970	2.83	ng/uL	0.00
5) Phenol-d5	6.86	99	121866	11.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	87669	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	111848	14.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	92810	11.64	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	57204	15.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	63271	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	101127	13.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	45339	5.20	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	358216	15.93	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	440111	16.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	12674m	3.83	ng/ul	0.06
57) Fluorene-d10	15.30	176	310709	15.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	37842	9.37	ng/ul	0.00
70) Anthracene-d10	17.16	188	485899	16.44	ng/ul	0.00
76) Pyrene-d10	19.46	212	570425	17.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	598525	15.74	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.89	94	27584	2.58	ng/ul	93
28) Naphthalene	10.49	128	28660	1.17	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	31653	1.79	ng/ul	100
44) Dimethylphthalate	13.77	163	108225	4.91	ng/ul	99
69) Phenanthrene	17.10	178	87760	2.52	ng/ul	97
74) Fluoranthene	19.12	202	71768	1.68	ng/ul	98
77) Pyrene	19.49	202	89731	2.11	ng/ul	99
80) Benzo(a)anthracene	21.24	228	59289	1.32	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.16	149	102760	4.60	ng/ul	97
82) Chrysene	21.29	228	75726	1.76	ng/ul#	91
85) Benzo(b)fluoranthene	22.82	252	89928m	1.84	ng/ul	
88) Benzo(a)pyrene	23.39	252	67995	1.44	ng/ul#	78
91) Benzo(g,h,i)perylene	26.41	276	52516	1.10	ng/ul#	93

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

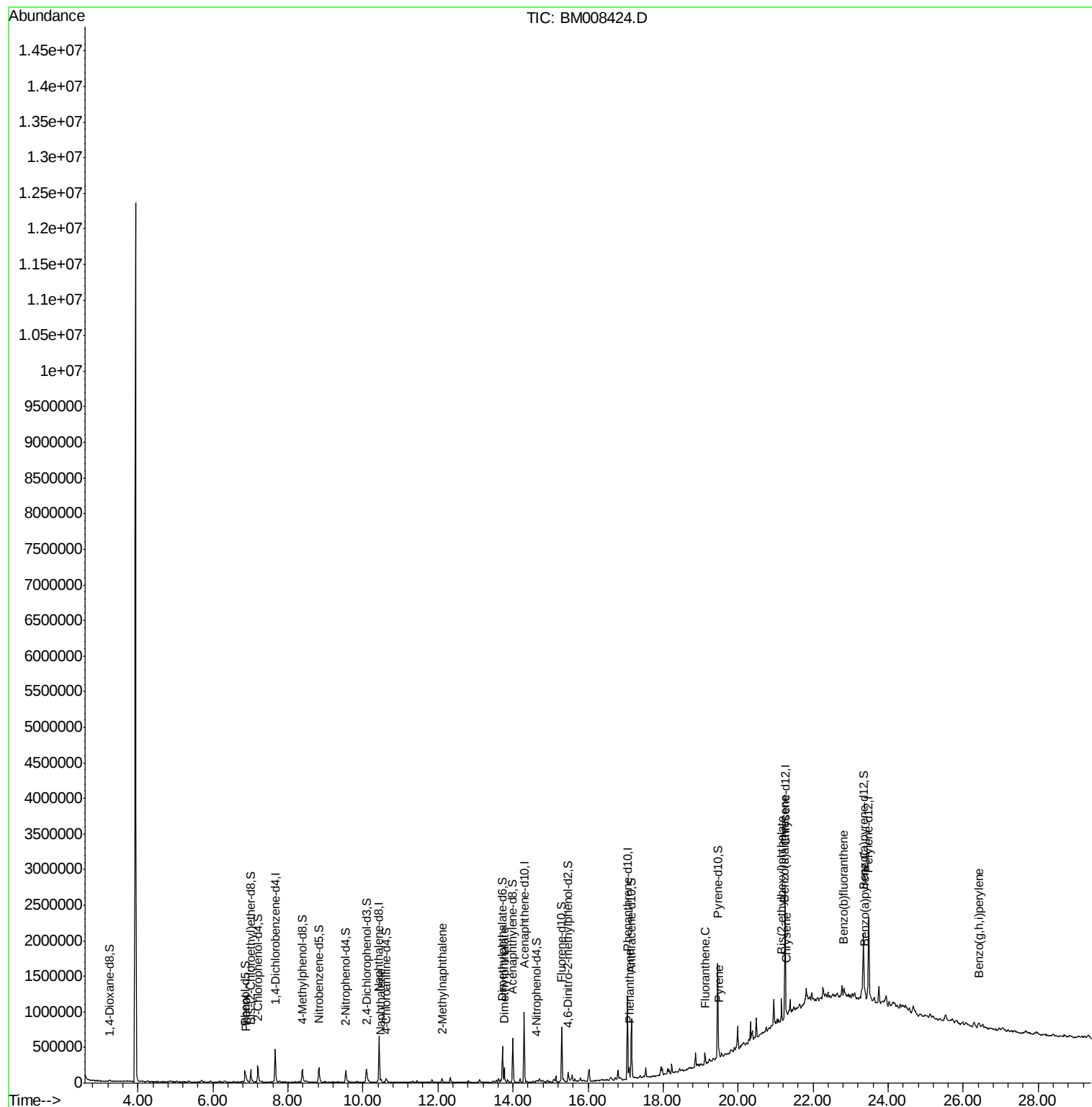
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008424.D
Acq On : 17 Dec 2016 22:37
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Misc :
ALS Vial : 22 Sample Multiplier: 1

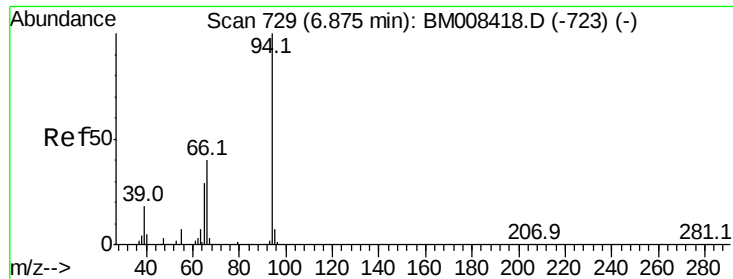
Instrument :
BNA_M
ClientSampleId :
DA7G5

Quant Time: Dec 18 05:05:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121816.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 2.58 ng/ul

RT: 6.89 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

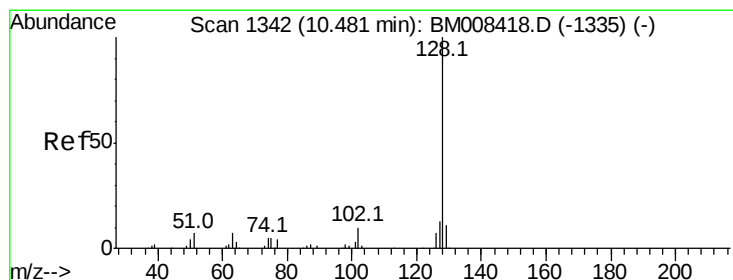
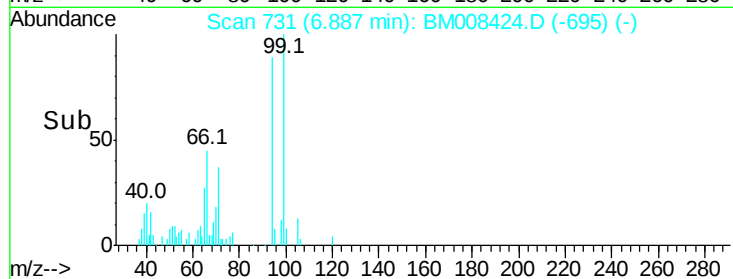
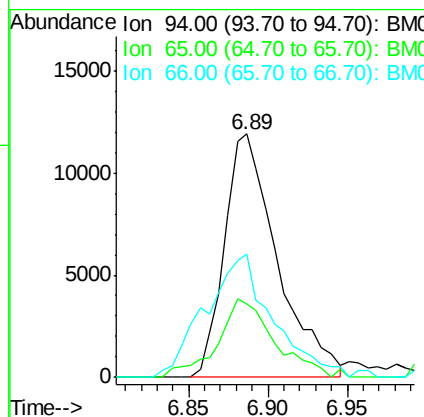
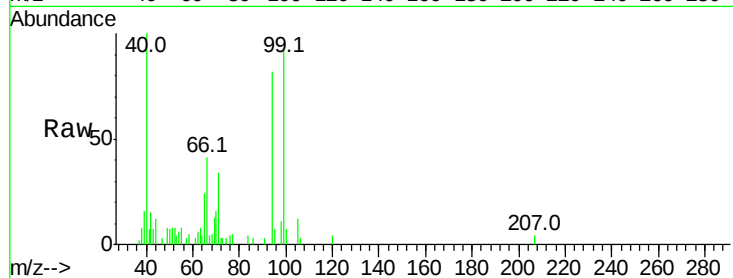
ClientSampleId :

DA7G5

Tot Ion:	94	Resp:	27584
Ion Ratio	Lower	Upper	
94	100		
65	30.0	22.6	34.0
66	50.8	35.8	53.8

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#28

Naphthalene

Concen: 1.17 ng/ul

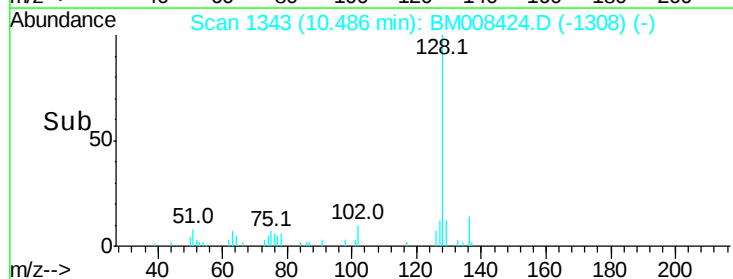
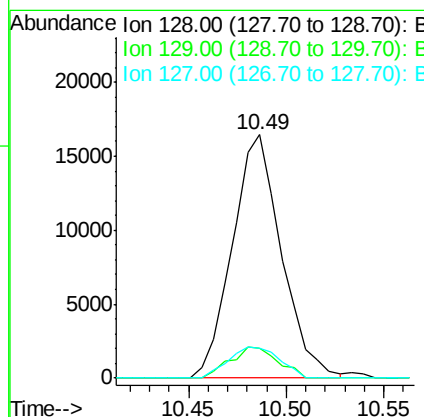
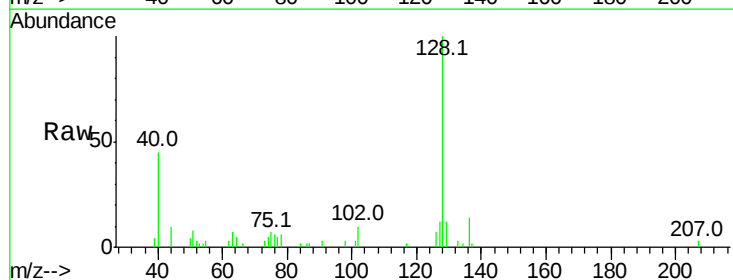
RT: 10.49 min Scan# 1343

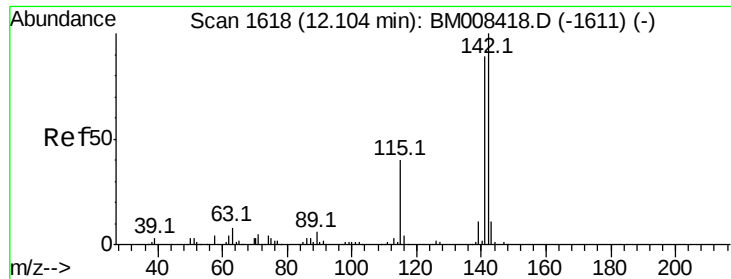
Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Tgt Ion:	128	Resp:	28660
Ion Ratio	Lower	Upper	
128	100		
129	12.0	8.4	12.6
127	12.3	10.4	15.6





#34

2-Methylnaphthalene

Concen: 1.79 ng/ul

RT: 12.11 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

Tot Ion:142 Resp: 31653

Ion Ratio Lower Upper

142 100

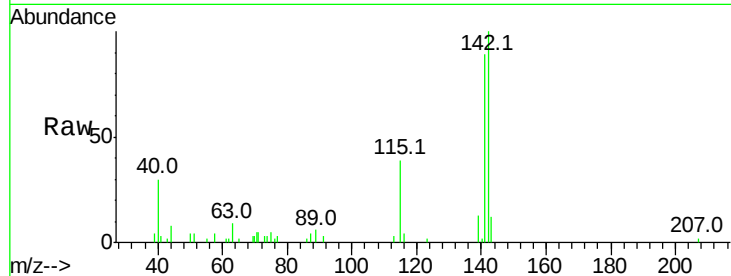
141 89.1 71.1 106.7

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.11

20000

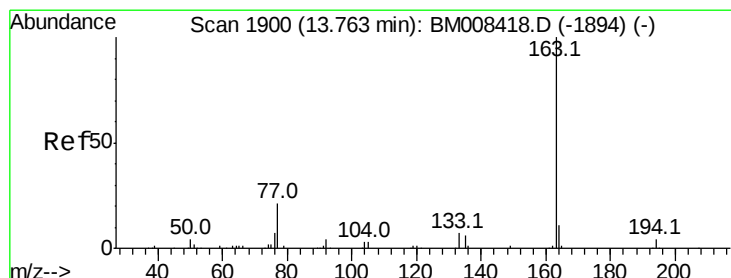
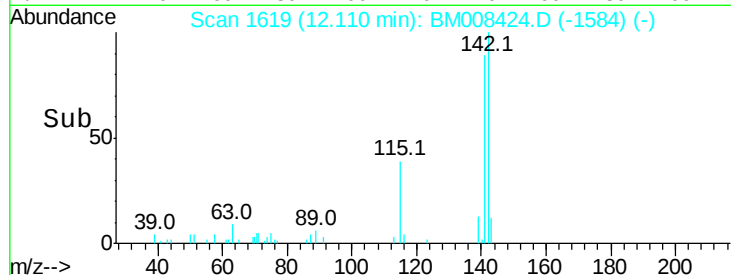
15000

10000

5000

0

Time-->



#44

Dimethylphthalate

Concen: 4.91 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

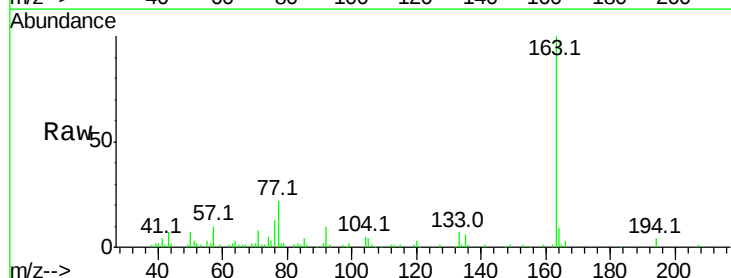
Tgt Ion:163 Resp: 108225

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 9.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.77

100000

80000

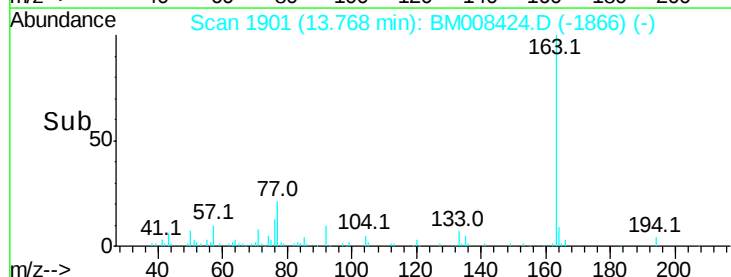
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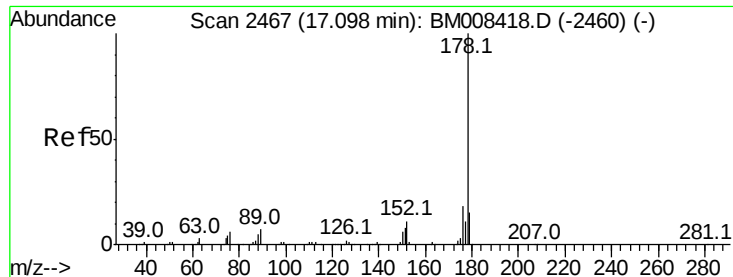
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20000

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Time-->





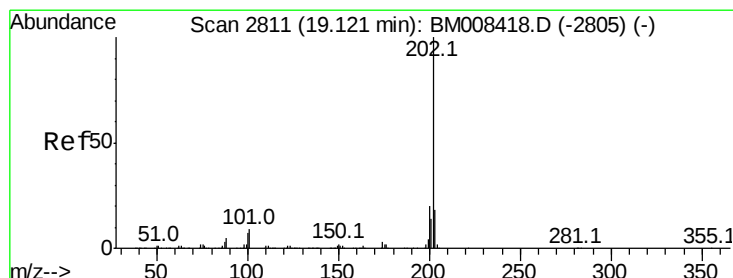
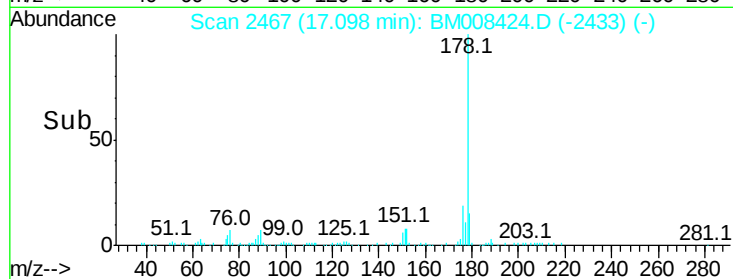
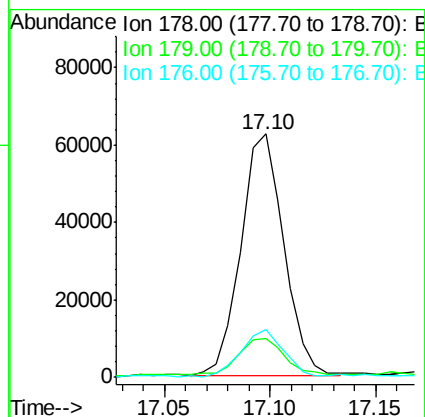
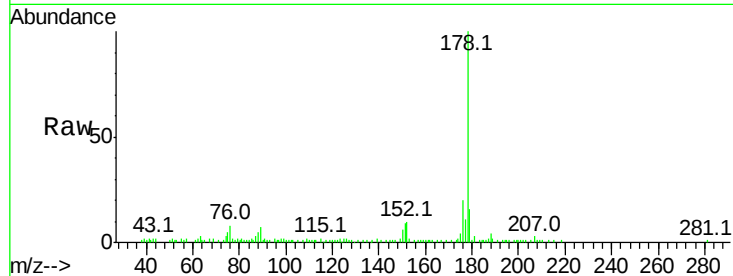
#69
Phenanthrene
Concen: 2.52 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Instrument :
BNA_M
ClientSampleId :
DA7G5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	19.7	14.6	21.8

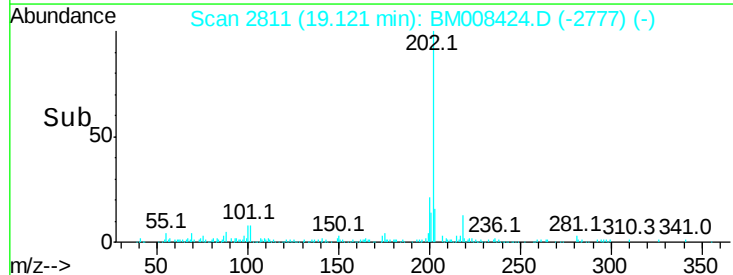
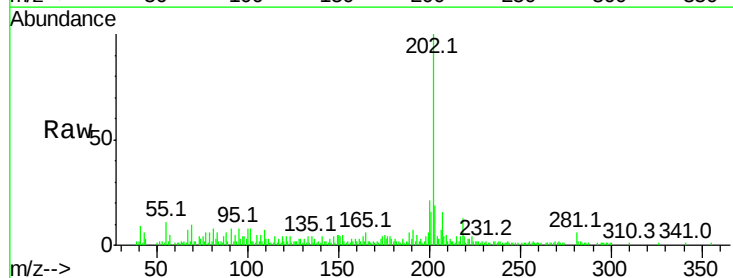
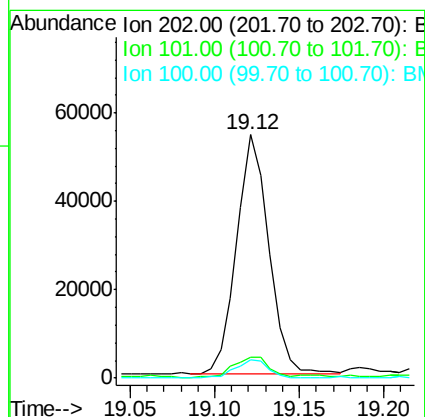
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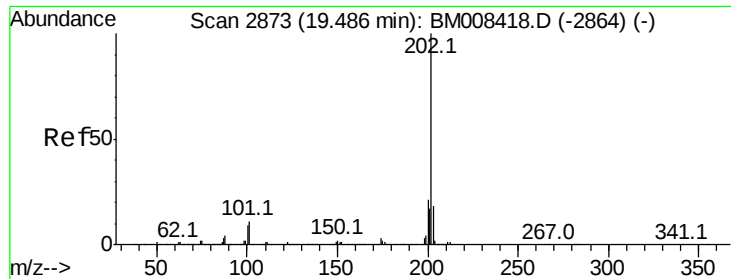
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#74
Fluoranthene
Concen: 1.68 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.6	10.0
100	7.6	5.3	7.9





#77

Pvrene

Concen: 2.11 ng/ul

RT: 19.49 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

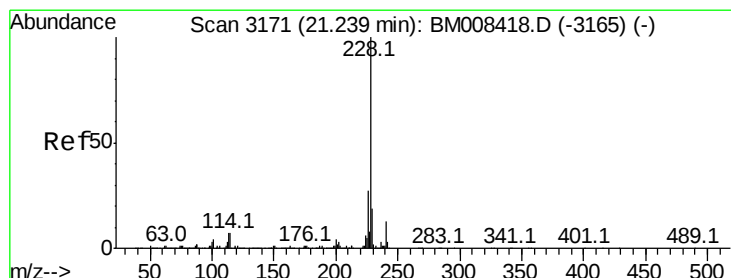
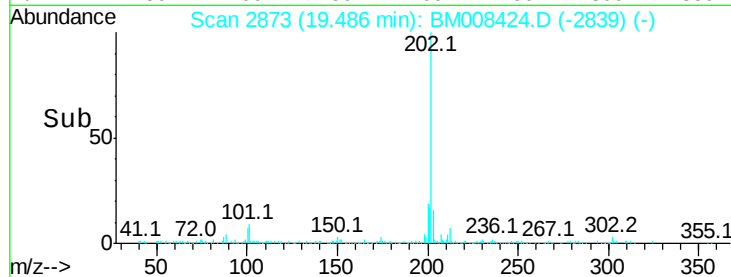
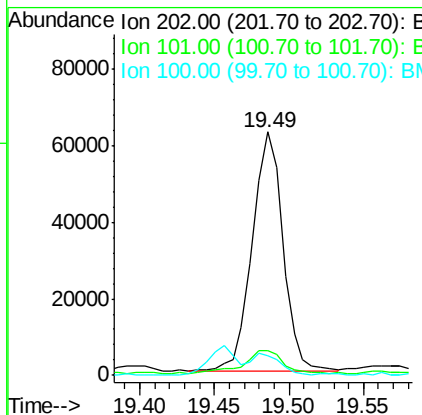
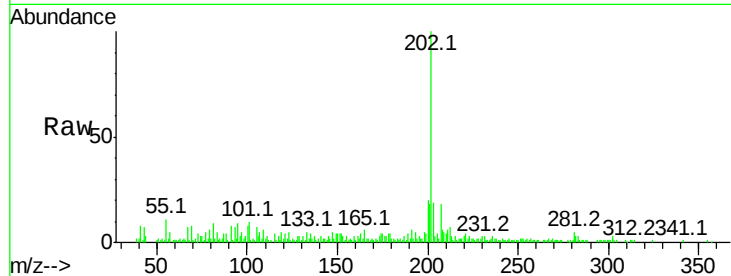
ClientSampleId :

DA7G5

Tot Ion:	202	Resp:	89731
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.2	12.4
100	7.9	7.0	10.6

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#80

Benzo(a)anthracene

Concen: 1.32 ng/ul

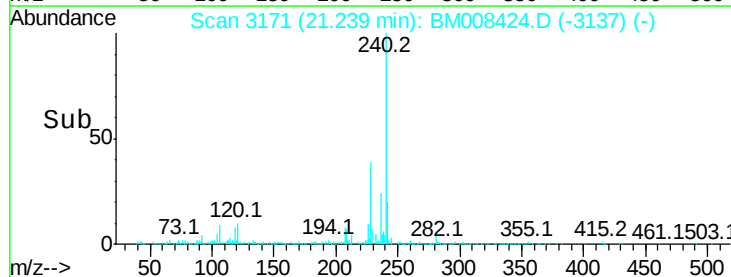
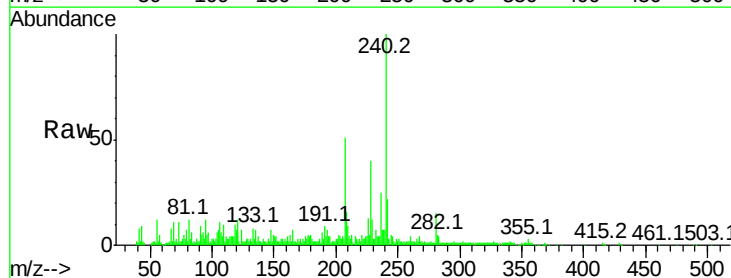
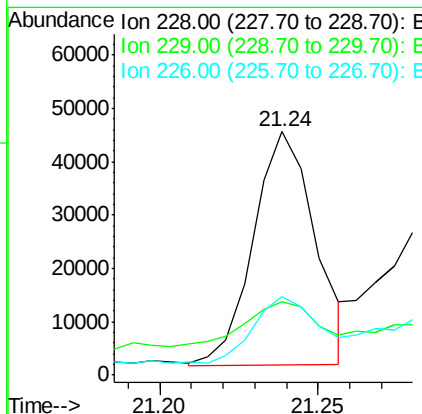
RT: 21.24 min Scan# 3171

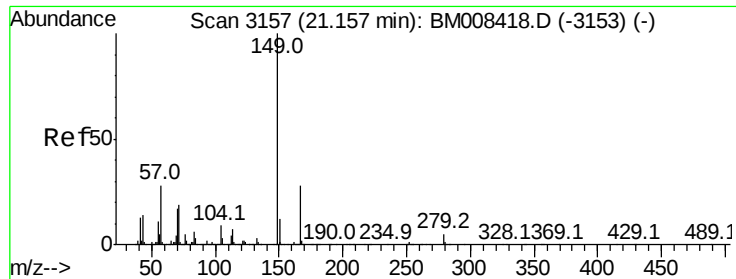
Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Tgt Ion:	228	Resp:	59289
Ion Ratio	Lower	Upper	
228	100		
229	30.2	15.4	23.2#
226	32.1	21.2	31.8#





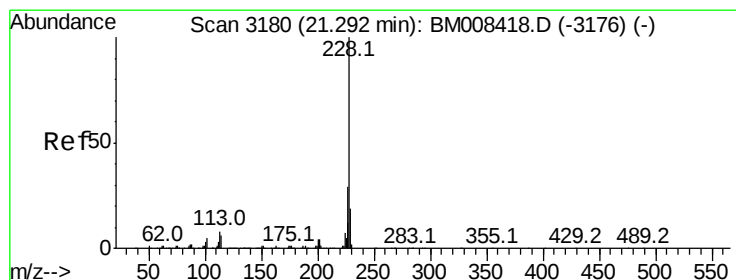
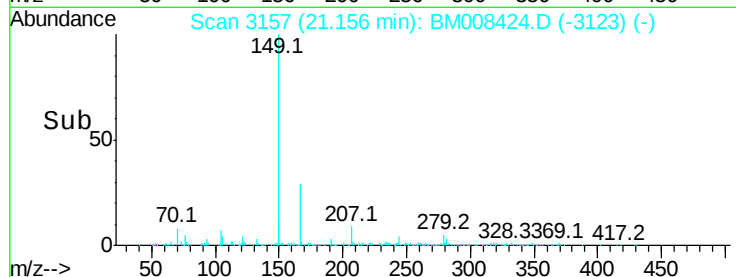
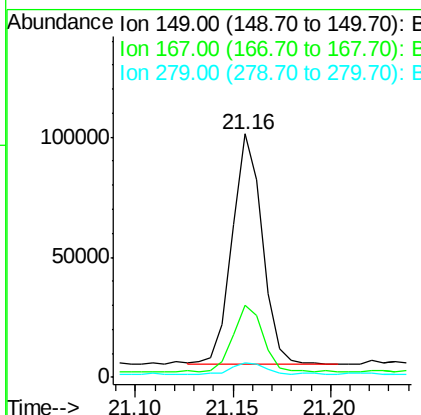
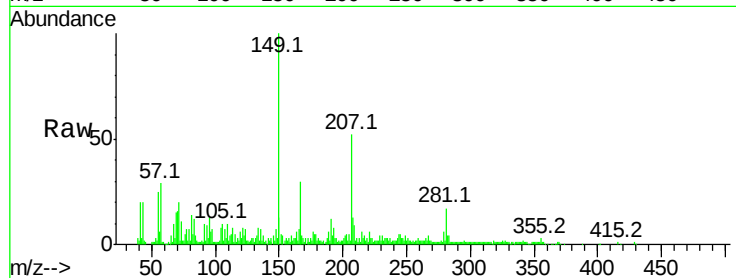
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.60 ng/ul
 RT: 21.16 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BM008424.D
 Acq: 17 Dec 2016 22:37

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.6	34.0
279	6.0	4.2	6.4

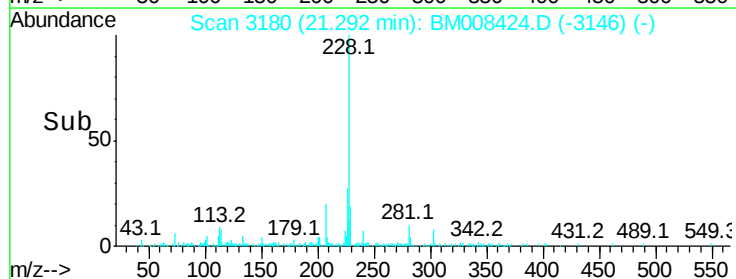
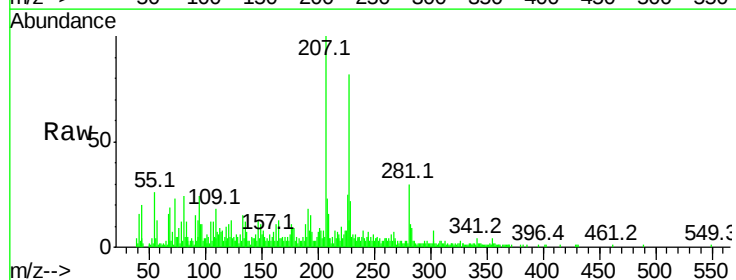
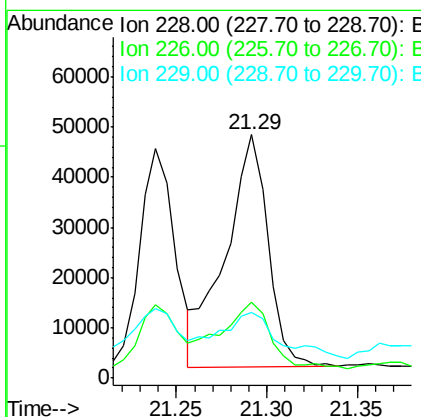
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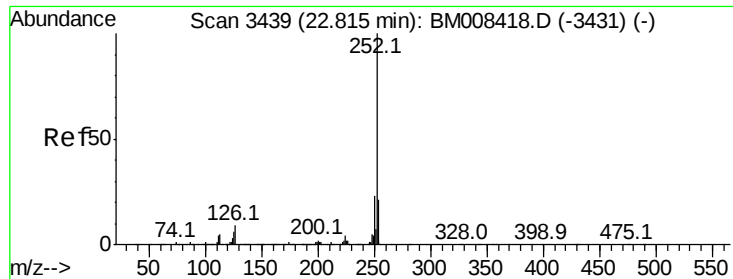
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#82
 Chrysene
 Concen: 1.76 ng/ul
 RT: 21.29 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BM008424.D
 Acq: 17 Dec 2016 22:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.1	34.7
229	26.8	15.4	23.2





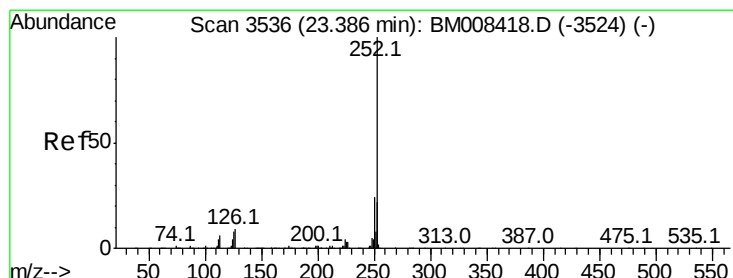
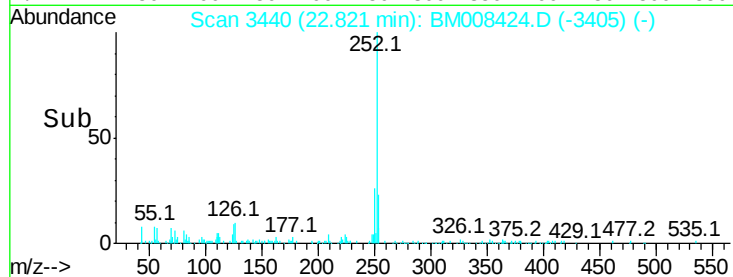
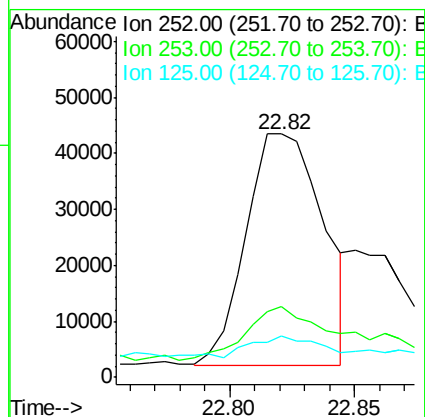
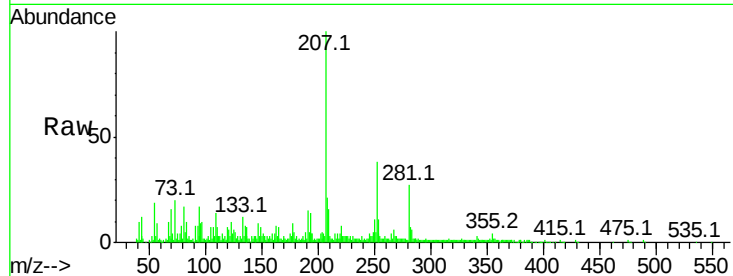
#85
Benzo(b)fluoranthene
Concen: 1.84 ng/ul m
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Instrument :
BNA_M
ClientSampleId :
DA7G5

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.1	25.7#
125	16.8	5.4	8.2#

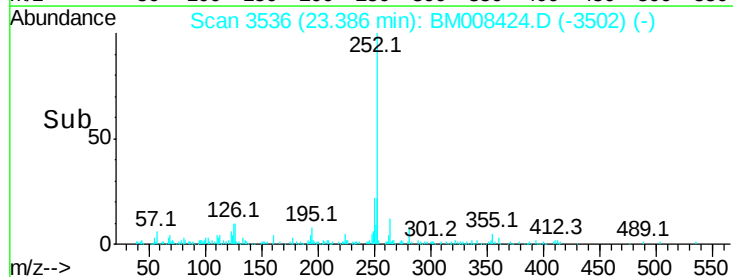
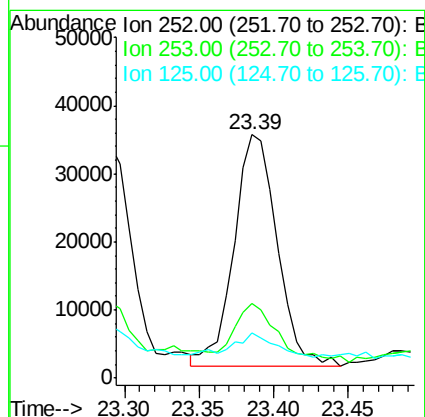
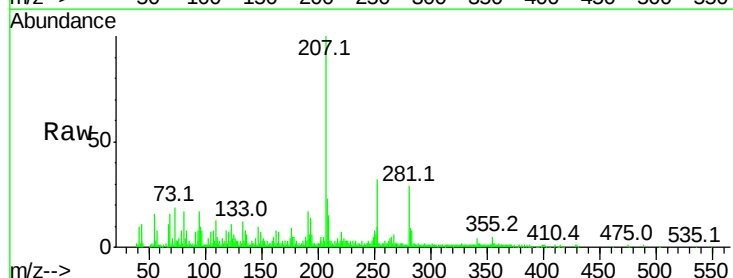
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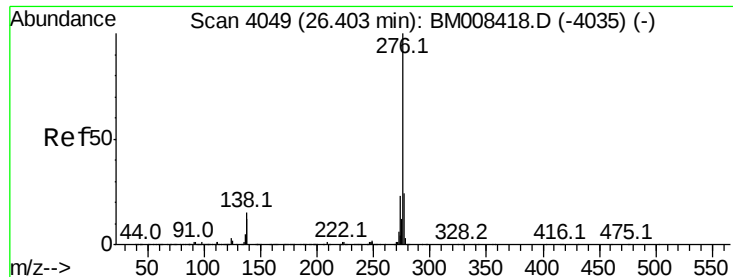
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#88
Benzo(a)pyrene
Concen: 1.44 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.4	26.2#
125	18.6	6.6	9.8#





#91
 Benzo(a,h,i)perylene
 Concen: 1.10 ng/ul
 RT: 26.41 min Scan# 4051
 Delta R.T. 0.01 min
 Lab File: BM008424.D
 Acq: 17 Dec 2016 22:37

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	12.0	18.0#
277	26.6	19.4	29.0

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