

Data File : BM022288.D
Acq On : 24 Aug 2019 11:31
Operator : HP/JU
Sample : K4242-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:19 AM

Quant Time: Aug 26 17:16:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 01:20:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	30723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	135230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	92884	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	209700	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	383622m	20.00	ng/ul	0.04
85) Perylene-d12	23.47	264	756889m	20.00	ng/ul	0.09

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	2525	3.68	ng/uL	0.00
5) Phenol-d5	6.75	99	64344	24.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	41334	26.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	58922	27.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	55311	24.07	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	32746	32.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	35269	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	69521	29.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	28262	9.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	251384	30.73	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	281868	31.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	26246	21.66	ng/ul	0.00
57) Fluorene-d10	15.22	176	223580	32.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	20772	12.84	ng/ul	0.00
70) Anthracene-d10	17.07	188	369009	33.23	ng/ul	0.00
78) Pyrene-d10	19.39	212	817698	41.01	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.32	264	1265027m	30.42	ng/ul	0.09

Target Compounds

					Qvalue	
28) Naphthalene	10.37	128	19352	2.593	ng/ul#	71
34) 2-Methylnaphthalene	12.00	142	10043	1.747	ng/ul	100
44) Dimethylphthalate	13.68	163	44279	5.320	ng/ul	98
69) Phenanthrene	17.02	178	30089	2.398	ng/ul#	82
76) Fluoranthene	19.05	202	164959	8.726	ng/ul	98
79) Pyrene	19.42	202	248673	10.015	ng/ul	100
80) Butylbenzylphthalate	20.34	149	242974m	23.121	ng/ul	
82) Benzo(a)anthracene	21.20	228	100394m	3.477	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.12	149	667458m	42.208	ng/ul	
84) Chrysene	21.25	228	113547m	4.206	ng/ul	
90) Benzo(a)pyrene	23.37	252	270329m	5.387	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.69	276	166626m	2.859	ng/ul	
93) Benzo(g,h,i)perylene	26.37	276	148753m	3.346	ng/ul	

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

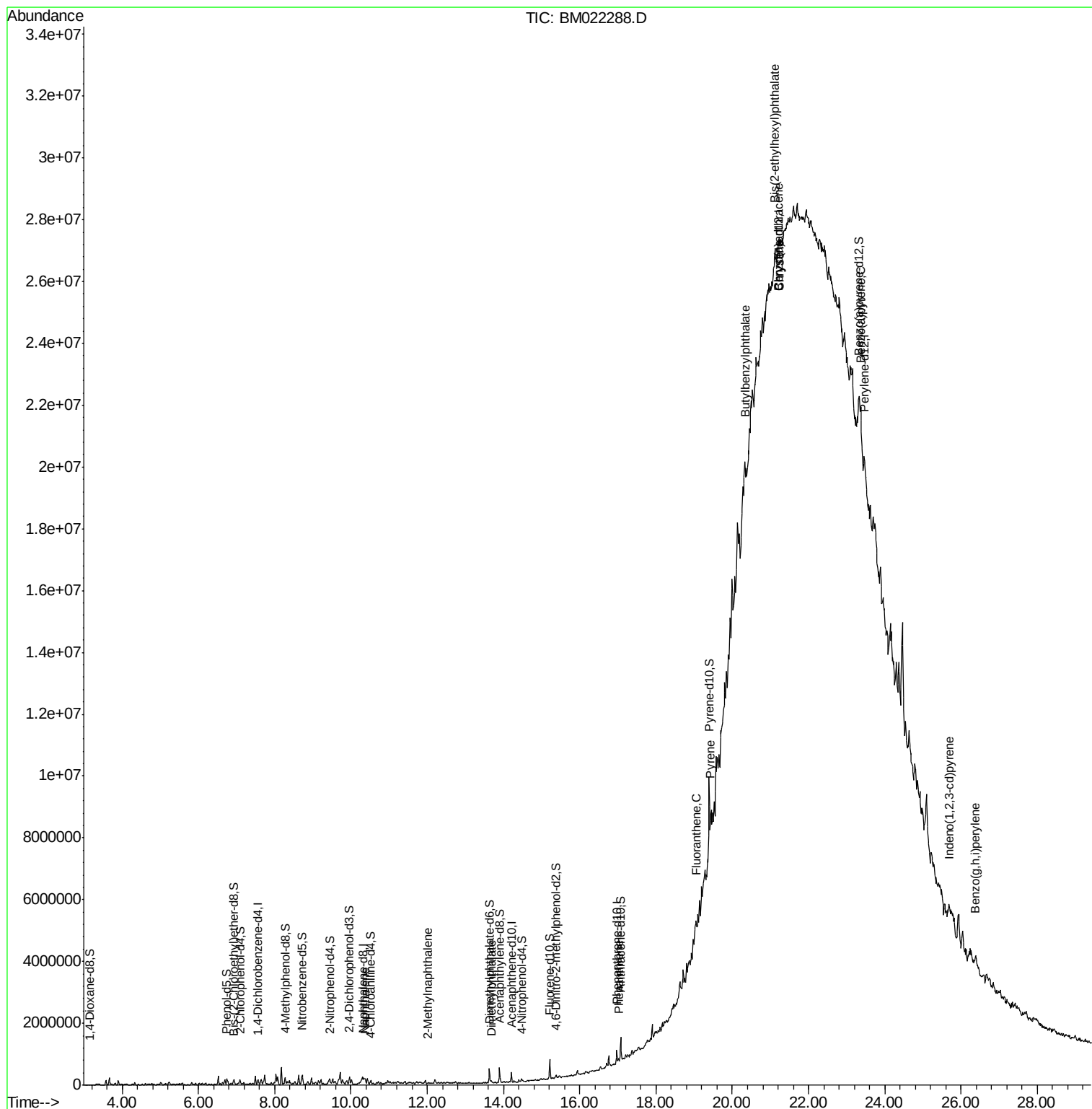
Data File : BM022288.D
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ALS Vial : 41 Sample Multiplier: 1

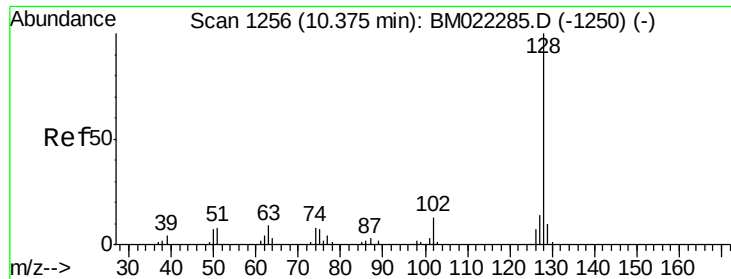
Instrument :
BNA_M
ClientSampleId :
C0AF7

Manual Integrations
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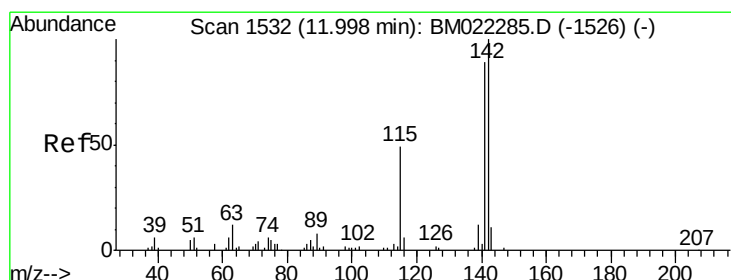
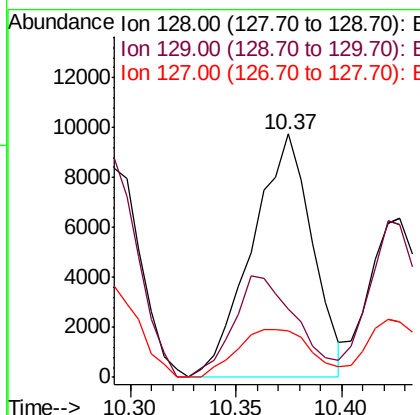
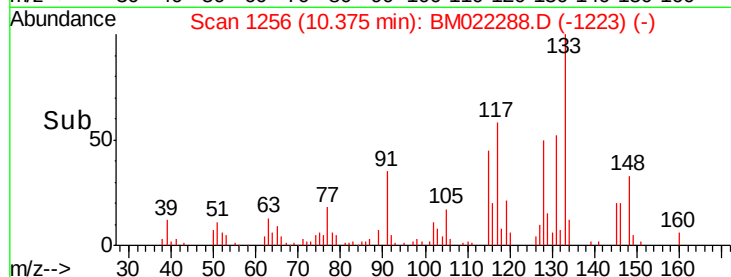
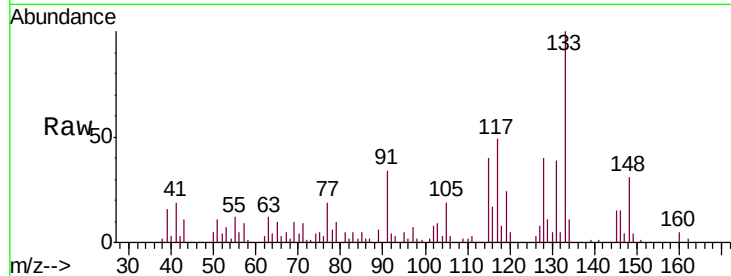
#28
Naphthalene
Concen: 2.593 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Instrument :
BNA_M
ClientSampled :
C0AF7

Tgt Ion	Ratio	Lower	Upper
128	100		
129	28.1	8.6	13.0#
127	18.9	10.4	15.6#

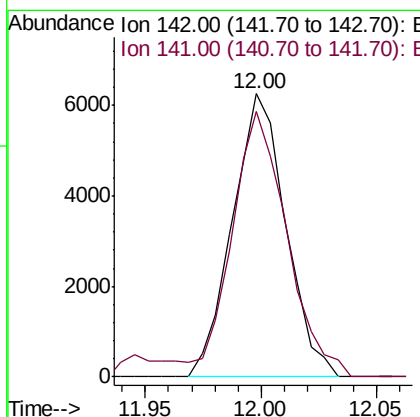
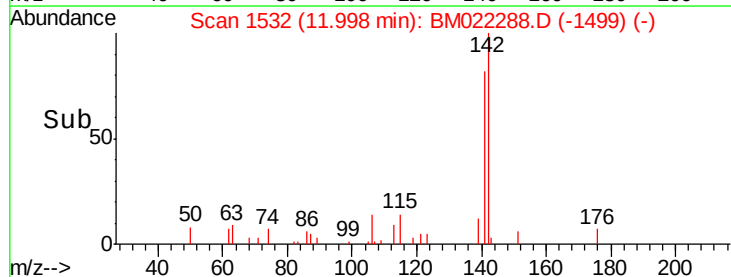
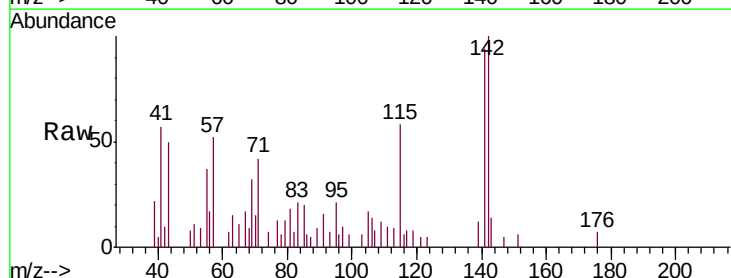
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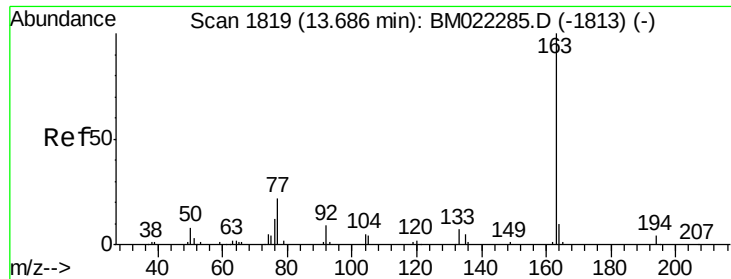
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#34
2-Methylnaphthalene
Concen: 1.747 ng/ul
RT: 12.00 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.1	112.7





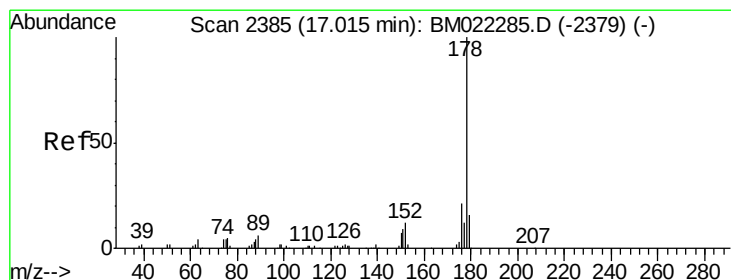
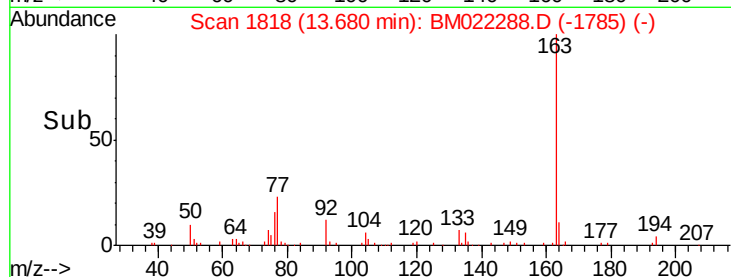
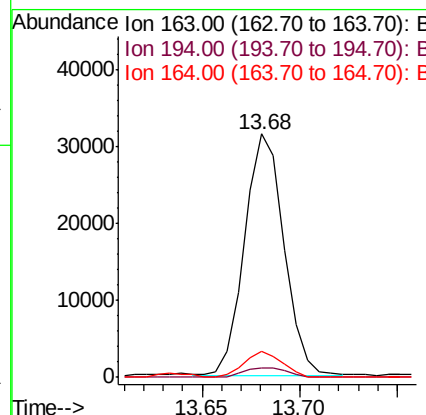
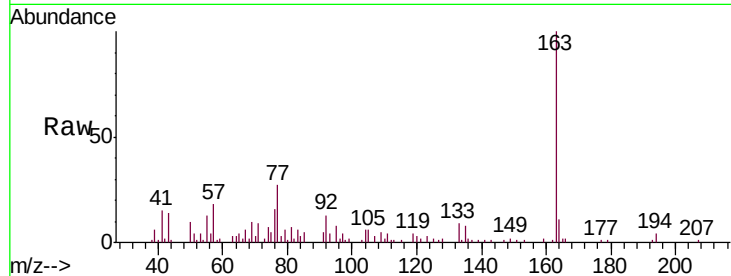
#44
Dimethylphthalate
Concen: 5.320 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	7.8	11.8

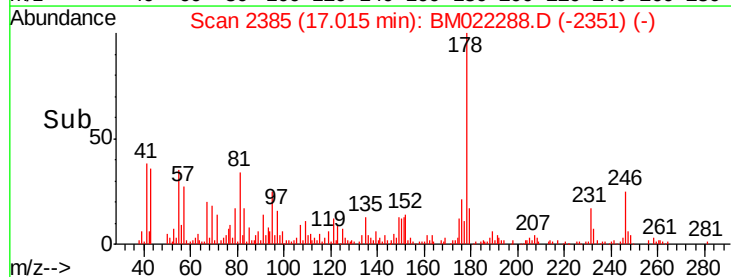
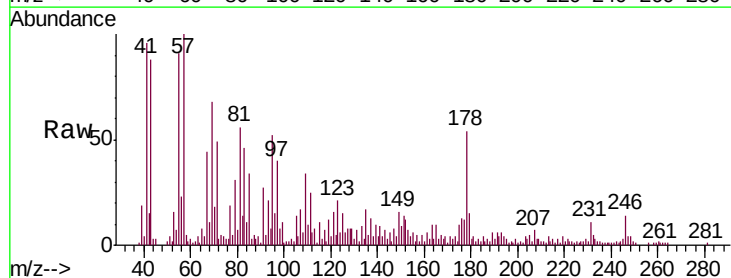
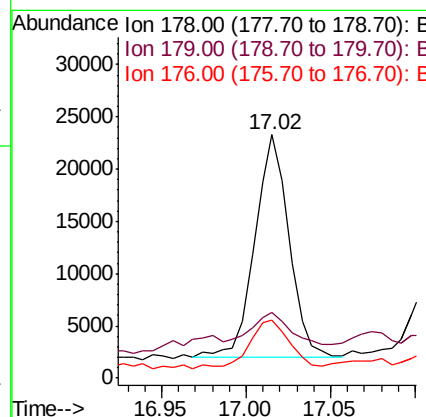
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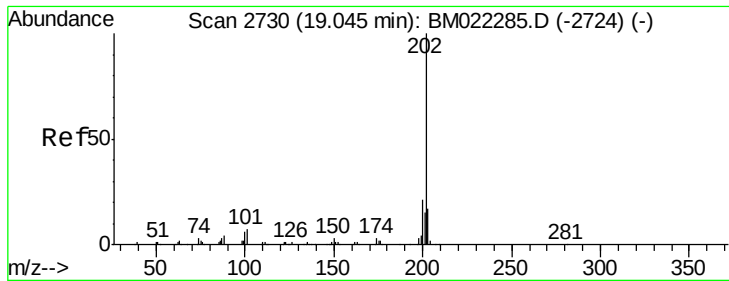
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#69
Phenanthrene
Concen: 2.398 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	27.1	12.4	18.6#
176	23.8	15.4	23.0#





#76

Fluoranthene

Concen: 8.726 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. 0.01 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

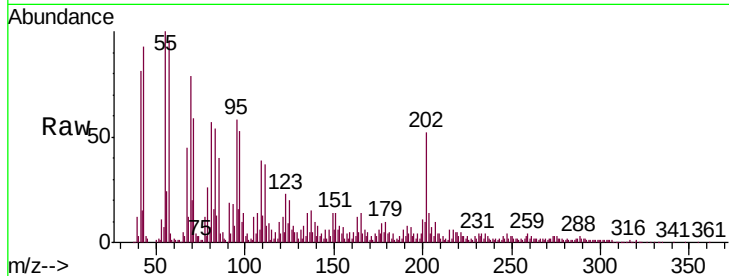
ClientSampleId :

C0AF7

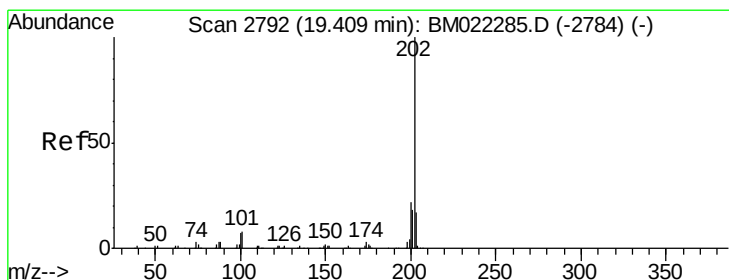
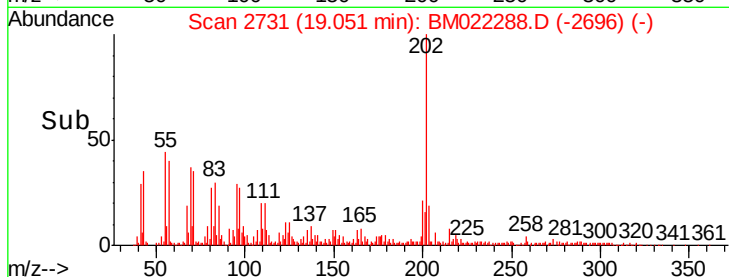
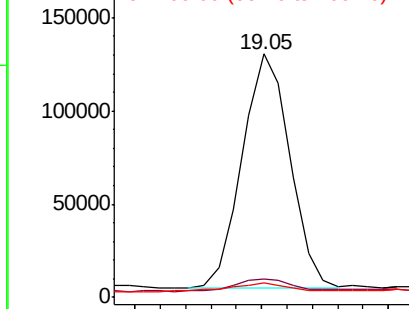
Tgt Ion:	202	Resp:	164959
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.3	7.9
100	6.0	4.6	6.8

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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: 10.015 ng/ul

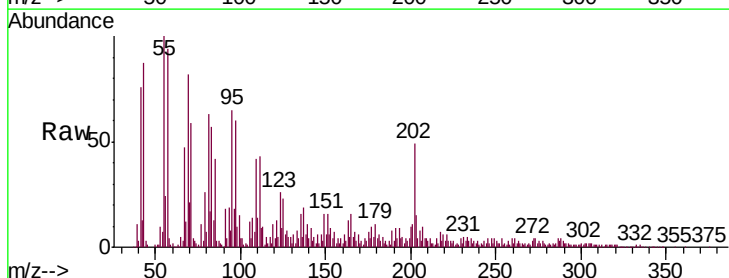
RT: 19.42 min Scan# 2794

Delta R.T. 0.01 min

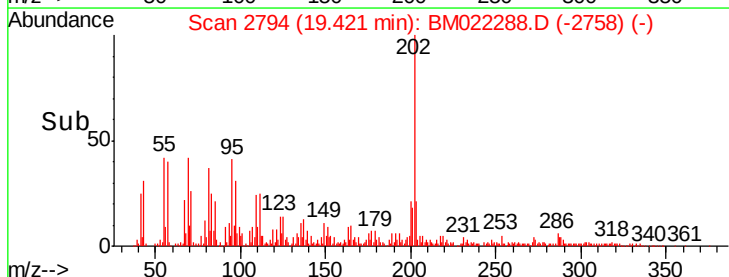
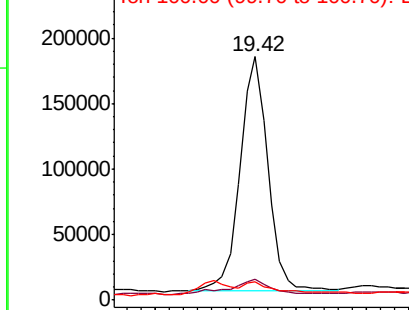
Lab File: BM022288.D

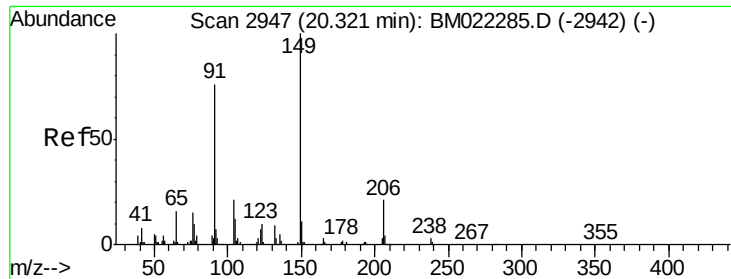
Acq: 24 Aug 2019 11:31

Tgt Ion:	202	Resp:	248673
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.0	10.4
100	7.4	5.8	8.8



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





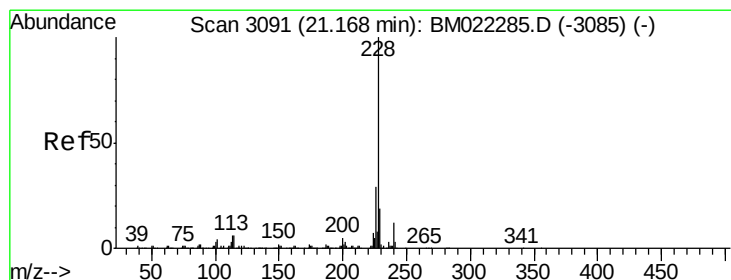
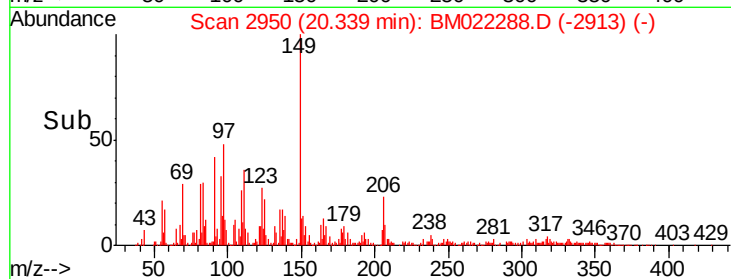
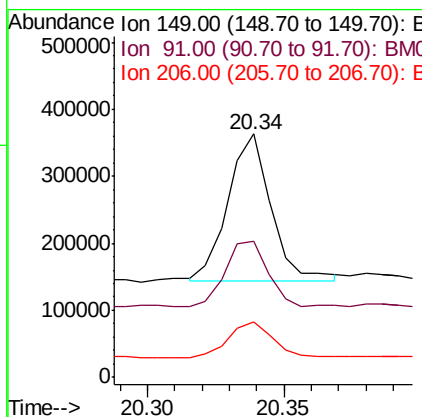
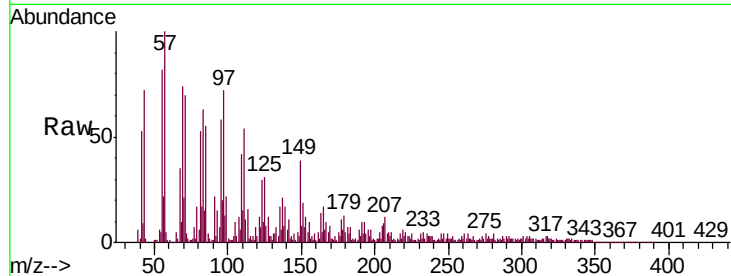
#80
Butylbenzylphthalate
Concen: 23.121 ng/ul m
RT: 20.34 min Scan# 2950
Delta R.T. 0.02 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	242974		
91	55.8	61.8	92.8#	
206	22.6	16.6	25.0	

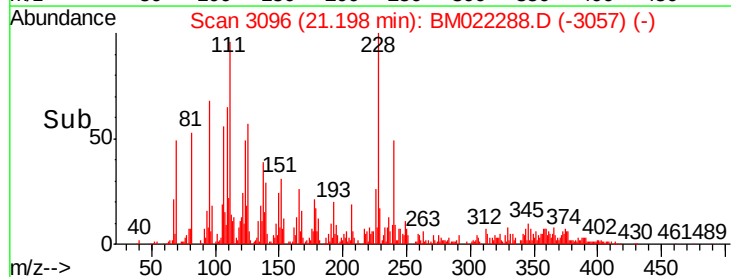
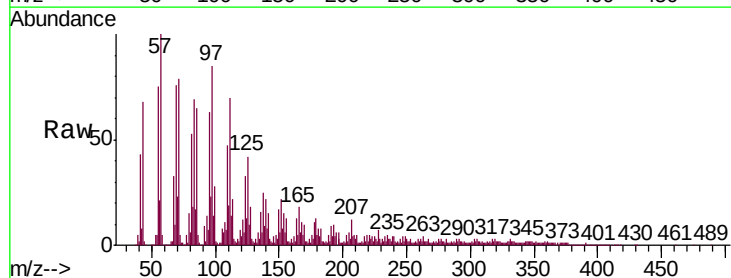
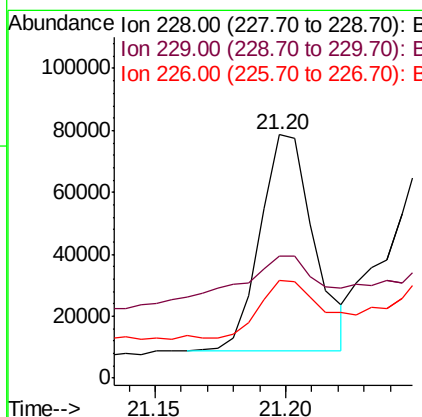
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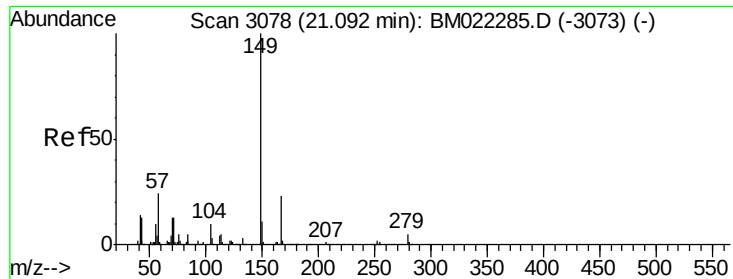
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#82
Benzo(a)anthracene
Concen: 3.477 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.03 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	100394		
229	49.9	15.2	22.8#	
226	40.0	22.3	33.5#	





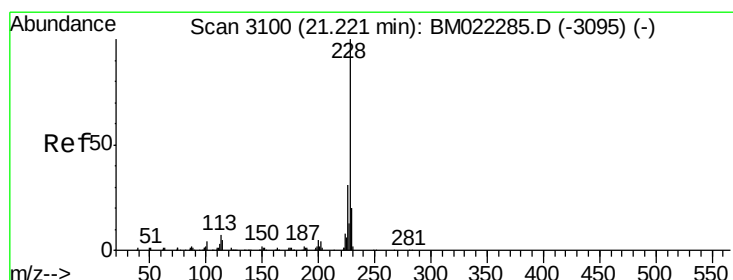
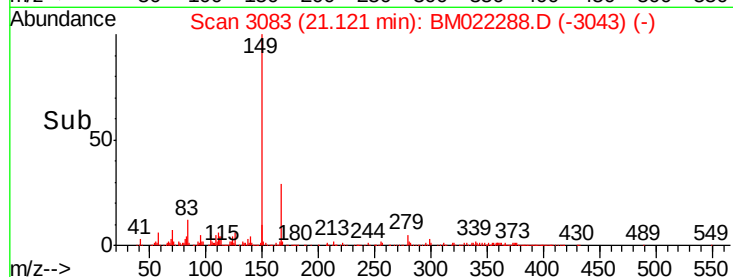
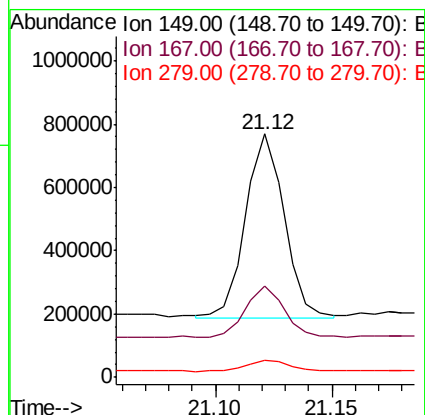
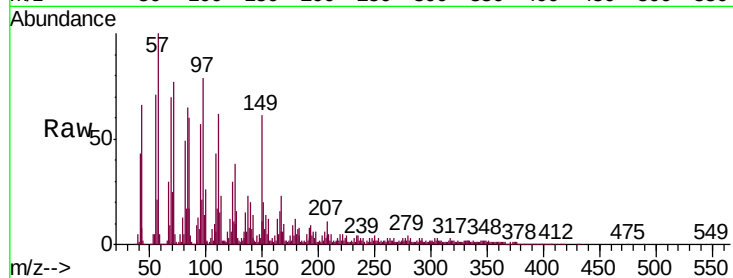
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.208 ng/ul m
RT: 21.12 min Scan# 3083
Delta R.T. 0.04 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Instrument :
BNA_M
ClientSampled :
C0AF7

Tgt Ion	Ratio	Lower	Upper
149	100		
167	37.7	19.1	28.7#
279	6.9	3.3	4.9#

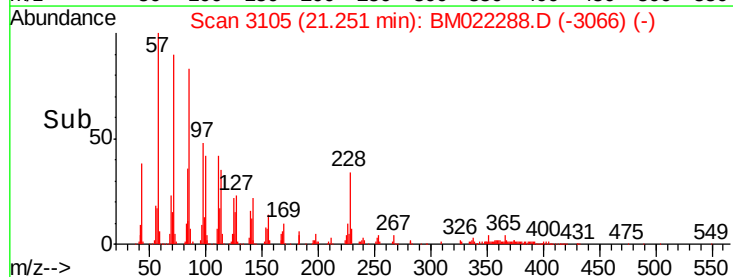
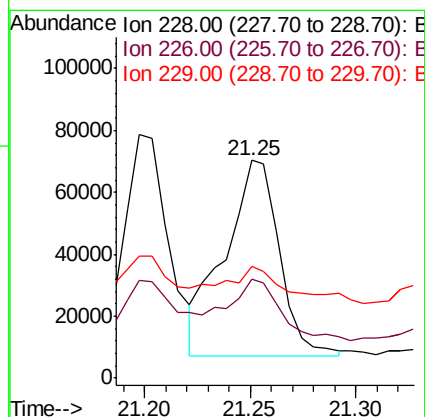
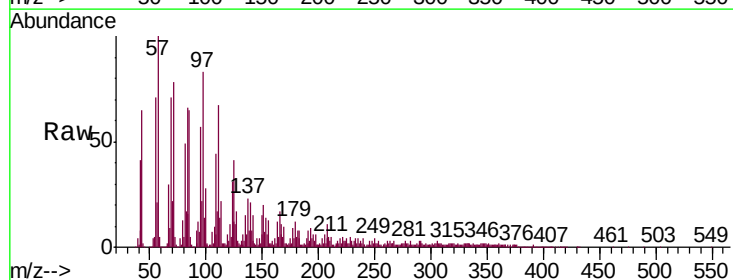
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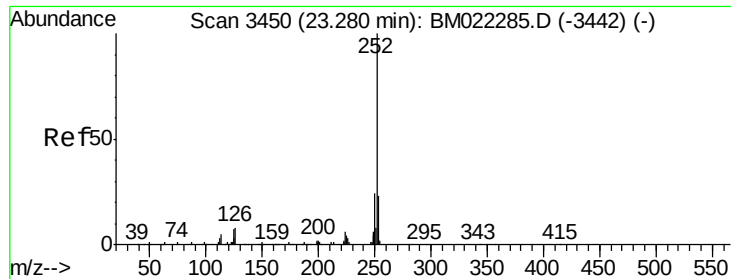
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#84
Chrysene
Concen: 4.206 ng/ul m
RT: 21.25 min Scan# 3105
Delta R.T. 0.03 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	45.5	24.7	37.1#
229	51.0	15.7	23.5#





#90

Benzo(a)pyrene

Concen: 5.387 ng/ul m

RT: 23.37 min Scan# 3465

Delta R.T. 0.09 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

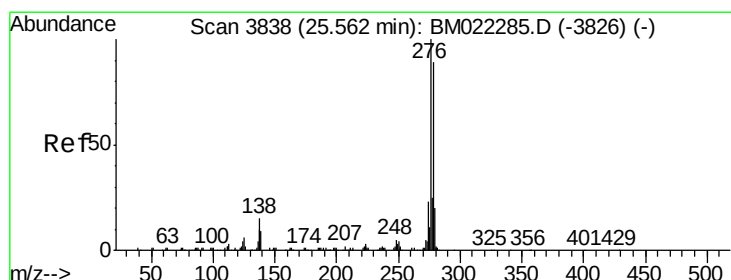
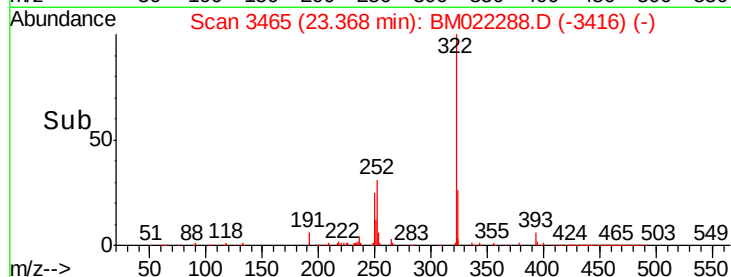
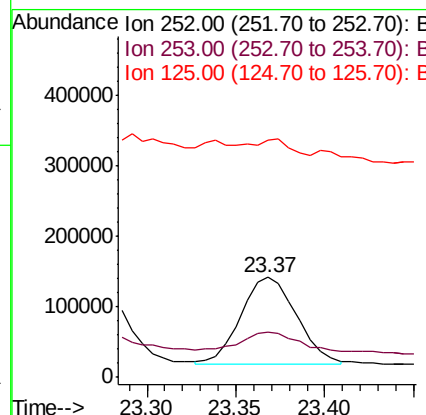
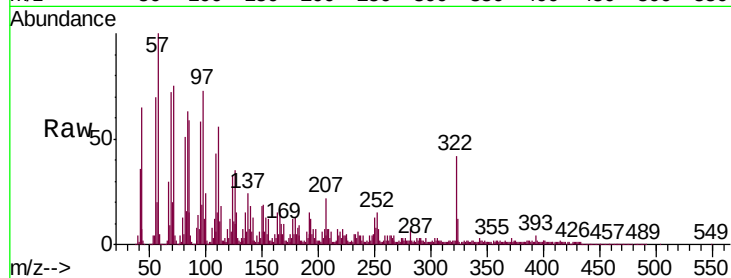
ClientSampleId :

C0AF7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.1	16.9	25.3#
125	237.4	5.5	8.3#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.859 ng/ul m

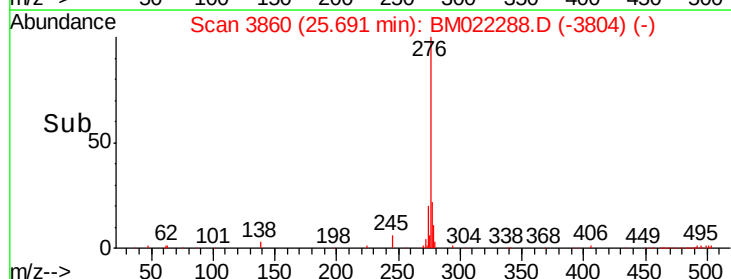
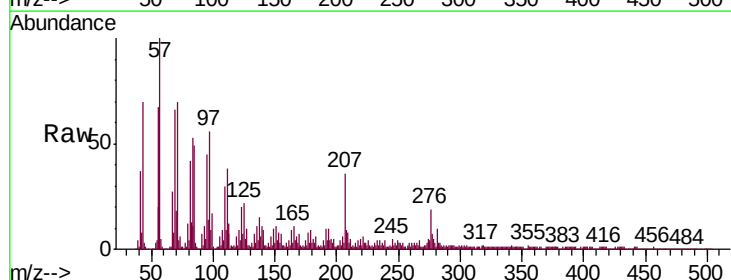
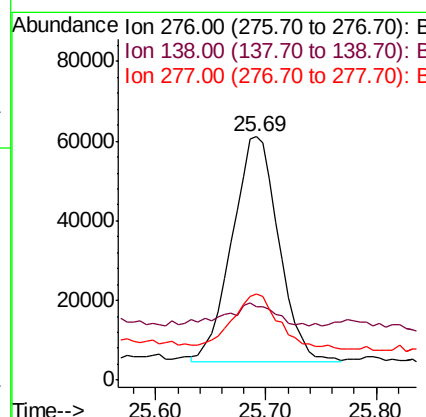
RT: 25.69 min Scan# 3860

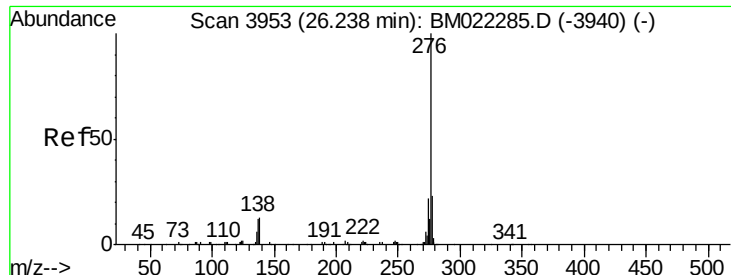
Delta R.T. 0.13 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	12.6	18.8#
277	35.6	20.2	30.2#





#93

Benzo(g,h,i)perylene

Concen: 3.346 ng/ul m

RT: 26.37 min Scan# 3975

Delta R.T. 0.13 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

ClientSampleId :

C0AF7

Tgt Ion:276 Resp: 148753

Ion Ratio Lower Upper

276 100

138 26.4 10.2 15.4#

277 32.8 18.2 27.4#

Manual Integrations
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